

**Ducellier**



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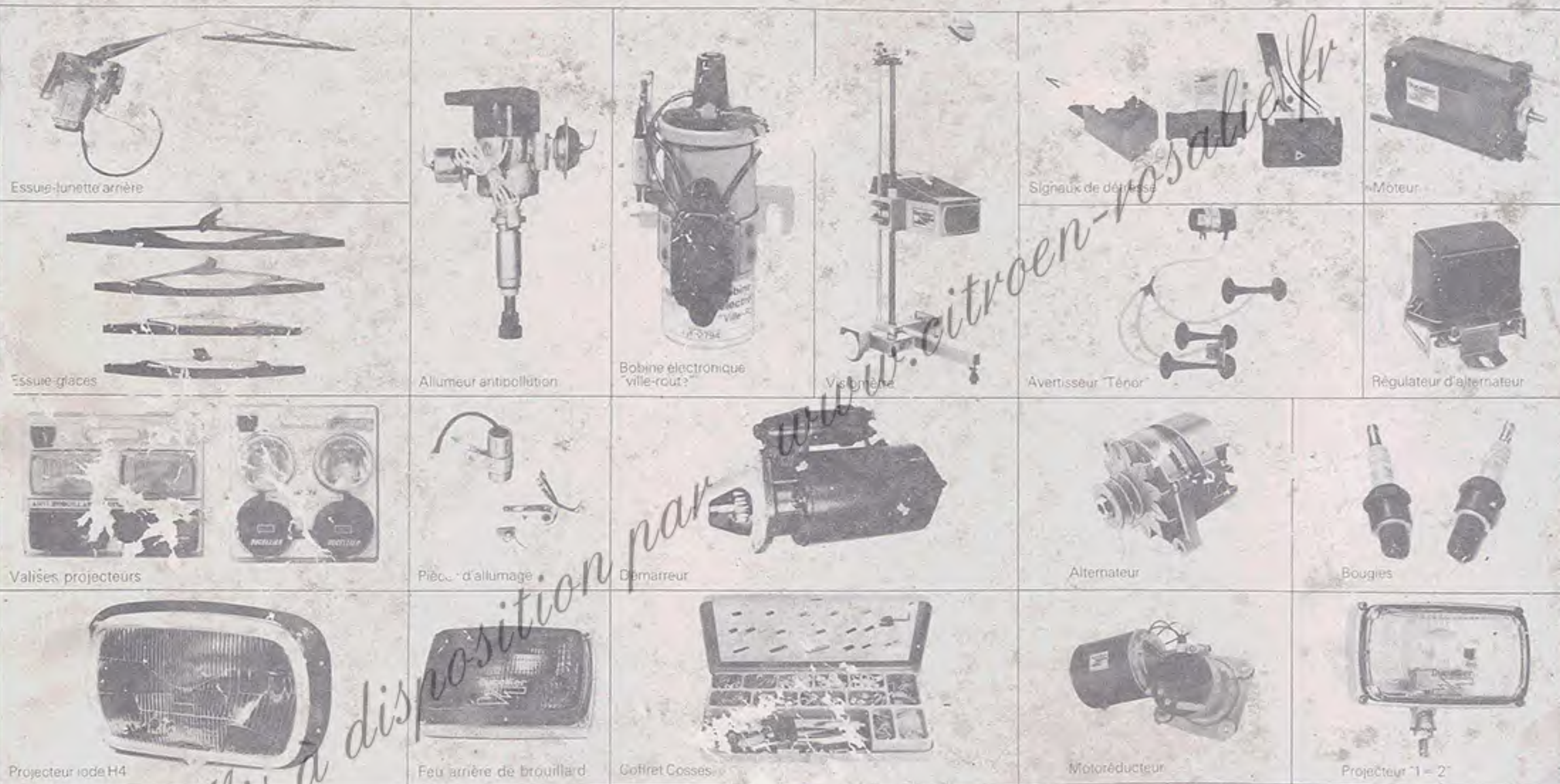
*Mis à disposition par*

**cahier technique allumage**



Deutsch - English - Español - Italiano - Nederlands - Português - Svensk

Cahier technique allumage



## Ducellier c'est aussi...

The name Ducellier also means...

Ducellier bietet ausserdem...

Ducellier é anche...

Ducellier es también...

Ducellier is ook...

Ducellier det är också...

Ducellier é também...

Une équipe de techniciens à votre disposition pour répondre à vos questions

A team of technicians at your disposal to answer your questions  
Eine Gruppe von Technikern steht Ihnen für die Beantwortung Ihrer Fragen zur Verfügung

Un equipo de técnicos a vuestra disposición para responder a las vuestas domande

Un equipo de técnicos dispuestos a solucionar los problemas

Een Team technici staat tot uw beschikking om uw vragen te beantwoorden

Till ert förfogande står ett tekniskt arbetslag för besvarande av eventuella frågor

Uma equipa de técnicos à vossa disposição para solucionar os vossos problemas

Ducellier et Cie

Boîte postale 4

63800 COURNON

Téléphone 04 77 96.60

Télex 39174

Français

**Cahier technique allumage**

Deutsch

Technische Unterlagen Zündvorrichtungen

English

Technical Ignition Specification

Español

Instrucciones técnicas para el encendido

Italiano

Cuaderno tecnico accensione

Nederlands

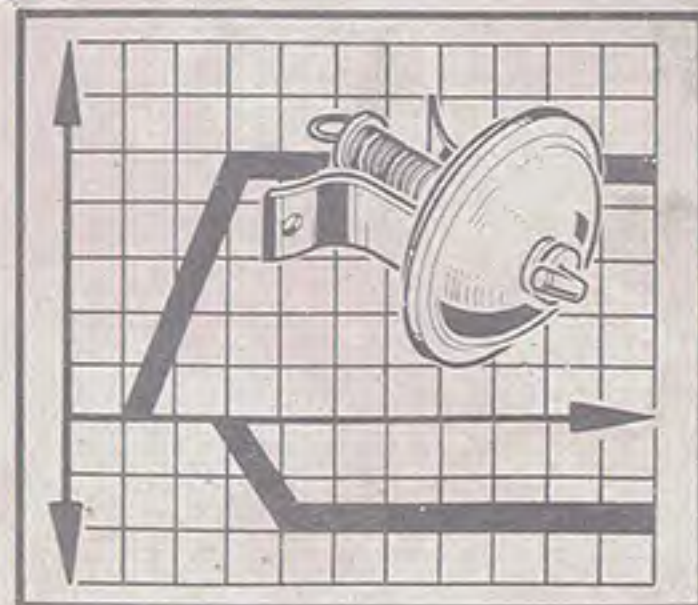
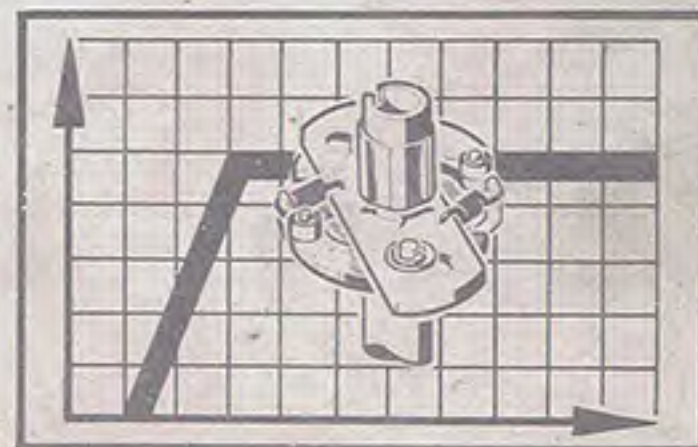
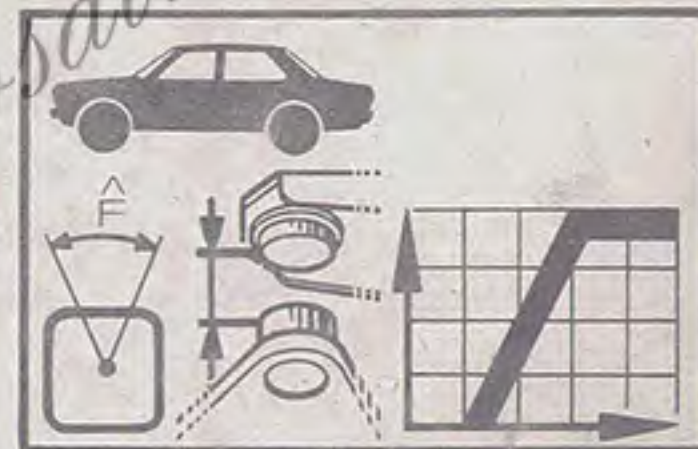
Technische dokumentatie-ontsteking

Português

Folheto técnico ignição

Svensk

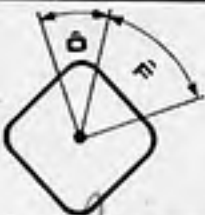
Tekniska Uppgifter om tändning

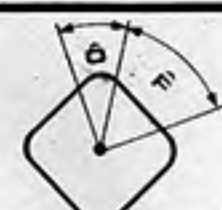


*Mis à disposition par*

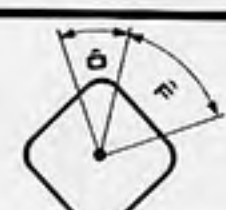
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# Ducellier

|  |     |  |  |   |                              |  |  |  |        |                                    |                                         |                        |
|-----------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|------------------------------------|-----------------------------------------|------------------------|
|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                                                                                                               | CONSTRUCTEURS                | DUCELLIER                                                                           | F                                                                                   | Dwells %                                                                            | mm     |                                    |                                         |                        |
| 542                                                                               | SIH | SABATIER - Le Pratique 18 CV                                                       | 2157                                                                                | 843                                                                                                                                                                     | M3 bis<br>11C2-PUD           |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   | 0°<br>10° ± 5°<br>37°<br>64°<br>0° |                                         |                        |
| 549                                                                               | SIH | PEUGEOT 203 - 403 U                                                                |                                                                                     | 844                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 555                                                                               | SIH | CITROEN H - HZ - HY                                                                |                                                                                     | 664                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 559                                                                               | SIH | CITROEN PVL6                                                                       |                                                                                     | 706                                                                                                                                                                     |                              |                                                                                     | 38                                                                                  | 63 ± 3                                                                              | 0,40   |                                    |                                         |                        |
| 563                                                                               | SIH | MASSEY FERGUSON Poni 820                                                           |                                                                                     | 846                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 565                                                                               | SIH | CITROEN P 38 - P 45 6 cyl.                                                         | 4307<br>3997<br>2155                                                                | 652                                                                                                                                                                     | ST<br>7-11-U<br>1200XX<br>LM | LN                                                                                  | 38                                                                                  | 63 ± 3                                                                              | 0,40   | 64°<br>20°<br>64°<br>0°<br>0°      |                                         |                        |
| 566                                                                               | SIH | RENAULT 4 CV                                                                       |                                                                                     | 1053                                                                                                                                                                    |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 570                                                                               | SIH | CITROEN PUD 8 - U23                                                                |                                                                                     | 552                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 595                                                                               | SIH | SIMCA Aronde 715                                                                   |                                                                                     | 872                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 598                                                                               | SIH | RENAULT Camion 14 CV                                                               |                                                                                     | 831                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 2150                                                                              | SIH | PEUGEOT 203                                                                        | 2164                                                                                | 844                                                                                                                                                                     | M3 bis<br>11C2-7E2<br>MK     | M3 bis<br>11C2-7E2                                                                  | 835                                                                                 | 57                                                                                  | 63 ± 3 | 0,40                               | 10° ± 5°<br>76°30' ± 4°<br>0°<br>90°    |                        |
| 2151                                                                              | SIH | CITROEN PVS 2 BL                                                                   |                                                                                     | 664                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 2155                                                                              | SIH | RENAULT Frégate                                                                    |                                                                                     | 899                                                                                                                                                                     |                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45   |                                    |                                         |                        |
| 2156                                                                              | SIH | PANHARD PL 17                                                                      |                                                                                     | 916                                                                                                                                                                     |                              |                                                                                     | 113                                                                                 | 63 ± 3                                                                              | 0,40   |                                    |                                         |                        |
| 2157                                                                              | SIH | RENAULT Camion 275 14 CV                                                           | 549<br>2155<br>4307                                                                 | 831                                                                                                                                                                     | PF<br>M12                    | PB<br>M12                                                                           | 981<br>1007                                                                         | 55                                                                                  | 61 ± 3 | 0,45                               | 0°<br>0°<br>15°<br>0°<br>10° ± 5°       |                        |
| 2158                                                                              | SIH | BATIGNOLLES Tracteur                                                               |                                                                                     | 844                                                                                                                                                                     |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2159                                                                              | SIH | SOFIA Jeep Hotchkiss                                                               |                                                                                     | 925                                                                                                                                                                     |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2162                                                                              | SIH | RENAULT Frégate 1101                                                               |                                                                                     | 982                                                                                                                                                                     |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2164                                                                              | SIH | PEUGEOT 403-8                                                                      |                                                                                     | 1006                                                                                                                                                                    | 57                           | 63 ± 3                                                                              | 0,40                                                                                |                                                                                     |        |                                    |                                         |                        |
| 2168                                                                              | SIH | PEUGEOT 403 U - D4A - D4B                                                          | 549<br>2155<br>4307                                                                 | 1006                                                                                                                                                                    | M12<br>QO<br>QQ<br>RK        | QP<br>QR                                                                            | 1021<br>1024                                                                        | 55                                                                                  | 61 ± 3 | 0,45                               |                                         | 15°<br>0°<br>0°<br>20° |
| 2170                                                                              | SIH | RENAULT Frégate 1103                                                               |                                                                                     | 1022                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2171                                                                              | SIH | RENAULT Frégate 1102                                                               |                                                                                     | 1023                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2173                                                                              | SIH | CITROEN DS 19                                                                      |                                                                                     | 1023                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 70 ± 3 | 0,32                               |                                         |                        |
| 2175                                                                              | SIH | RENAULT Dauphine - Estafette                                                       |                                                                                     | 1027                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2180                                                                              | SIH | SIMCA Versailles                                                                   | 2155                                                                                | 1022                                                                                                                                                                    | QO                           | QP                                                                                  | 1028<br>1021                                                                        | 55                                                                                  | 63 ± 3 | 0,40                               | 0°                                      |                        |
| 2183                                                                              | SIH | RENAULT Frégate                                                                    |                                                                                     | 1478                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 40                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2187                                                                              | SIH | A.C.A.A. - GMC                                                                     |                                                                                     | 1403                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 40                                                                                  | 67 ± 3 | 0,35                               |                                         |                        |
| 2222                                                                              | SIH | A.C.A.A. : DODGE long                                                              |                                                                                     | 1403                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 40                                                                                  | 67 ± 3 | 0,35                               |                                         |                        |
| 2223                                                                              | SIH | A.C.A.A. : DODGE court                                                             |                                                                                     | 1403                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 40                                                                                  | 67 ± 3 | 0,35                               |                                         |                        |
| 2231                                                                              | SIH | SIMCA F594 VML - V8                                                                |                                                                                     | 706                                                                                                                                                                     | 11D-7E2<br>1200XX<br>RV      | 11D-7E2<br>RW                                                                       | 1028<br>822<br>1064<br>1028                                                         | 55                                                                                  | 63 ± 3 | 0,40                               | 60° ± 1°<br>0°<br>0°                    |                        |
| 2238                                                                              | SIH | CITROEN ID 19                                                                      |                                                                                     | 872                                                                                                                                                                     |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2245                                                                              | SIH | SIMCA Aronde                                                                       |                                                                                     | 1065                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 2248                                                                              | SIH | RENAULT Frégate 1104                                                               |                                                                                     |                                                                                                                                                                         |                              |                                                                                     |                                                                                     |                                                                                     | 61 ± 3 | 0,45                               |                                         |                        |
| 2249                                                                              | SIH | SIMCA Versailles                                                                   |                                                                                     |                                                                                                                                                                         |                              |                                                                                     |                                                                                     |                                                                                     | 63 ± 3 | 0,40                               |                                         |                        |
| 3894                                                                              | SIH | FENWICK Chariot                                                                    | 2164<br>2248<br>3914<br>549                                                         | 1022                                                                                                                                                                    | QO<br>M12<br>RV<br>RK<br>M12 | M12<br>RW<br>RO                                                                     | 1007<br>1064<br>1423                                                                | 55                                                                                  | 61 ± 3 | 0,45                               | 0°<br>10° ± 5°<br>0°<br>30° ± 5°<br>15° |                        |
| 3897                                                                              | SIH | PEUGEOT 403-8                                                                      |                                                                                     | 1006                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40                               |                                         |                        |
| 3900                                                                              | SIH | RENAULT Frégate 1104                                                               |                                                                                     | 1065                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 3901                                                                              | SIH | RENAULT Dauphine                                                                   |                                                                                     | 1027                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 3908                                                                              | SIH | PEUGEOT 403 U                                                                      |                                                                                     | 1006                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |
| 3909                                                                              | SIH | CITROEN H - HZ - HY                                                                |                                                                                     | 1432                                                                                                                                                                    | H<br>RK                      |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               | 37°<br>30° ± 5°                         |                        |
| 3910                                                                              | SIH | RENAULT 4 CV                                                                       |                                                                                     | 1027                                                                                                                                                                    |                              |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45                               |                                         |                        |

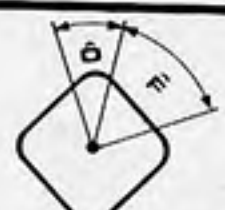
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|                                                                                   |                                 |                                                                                                                                                              |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS                   |                                                                                     | DUCELLIER                        | F                                                                                   | Dwells %                                       | mm                                                                                  |                                                                                     |
| 3911<br>3914<br>3916<br>3916 C<br>3916 D                                          | SIH<br>SIH<br>SIH<br>SIH<br>SIH | A.C.A.A. : GMC<br>RENAULT Dauphine<br>PEUGEOT 404 .....<br>PEUGEOT 404<br>PEUGEOT 404                                                                        | 4161                                                                                | 1441<br>1463<br>1443<br>1443<br>3916 D                                              | XC<br>XC1<br>XC1                | XD<br>XC1                                                                           | 1462<br>1444<br>3916 C<br>3916 C | 40<br>55<br>57<br>57<br>57                                                          | 67 ± 3<br>61 ± 3<br>63 ± 3<br>63 ± 3<br>63 ± 3 | 0,37<br>0,45<br>0,40<br>0,40<br>0,40                                                | 30° ± 5°<br>10° ± 5°<br>10° ± 5°<br>10° ± 5°                                        |
| 3922<br>3924<br>3930<br>3931<br>3932                                              | SIH<br>SIH<br>SIH<br>SIH<br>SIH | PANHARD PL 17 Tigre<br>SIMCA Vedette<br>SIMCA Aronde .....<br>CIMA Utility<br>CIMA Utility                                                                   | 2245                                                                                | 872<br>1031<br>1031                                                                 | 1200XX                          | T                                                                                   | 883<br>1417                      | 113<br>55                                                                           | 63 ± 3<br>63 ± 3<br>61 ± 3<br>73 ± 3<br>73 ± 3 | 0,40<br>0,40<br>0,45<br>0,35<br>0,35                                                | 0°<br>0°                                                                            |
| 3933<br>3934<br>3935<br>3936<br>3937                                              | SIH<br>SIH<br>SIH<br>SIH<br>SIH | CIMA Cub C60<br>CIMA Cub C60<br>CIMA Super Cub .....<br>CIMA Super cub<br>SIMCA Aronde - Flash - Super                                                       |                                                                                     | 1032<br>1032<br>1412<br>1412<br>872                                                 |                                 |                                                                                     | 1461                             | 57                                                                                  | 73 ± 3<br>73 ± 3<br>73 ± 3<br>73 ± 3<br>63 ± 3 | 0,35<br>0,35<br>0,35<br>0,35<br>0,40                                                | 0°                                                                                  |
| 3939<br>3941<br>3944<br>3948<br>3949                                              | SIH<br>SIH<br>SIH<br>SIH<br>SIH | RENAULT Dauphine<br>CITROEN ID 19 Bread<br>CITROEN DS 19 .....<br>RENAULT Floride Gordini<br>RENAULT Floride Gordini                                         | 3914<br><br>3949                                                                    | 1463<br>706<br>1464<br>1467<br>1467                                                 | XC<br>DF<br>DS-D5<br>W/W<br>W/W | XD<br>DF<br>RO<br>RO                                                                | 1462<br>822<br>1423<br>1423      | 55<br>55<br>55<br>55<br>55                                                          | 61 ± 3<br>61 ± 3<br>61 ± 3<br>61 ± 3<br>61 ± 3 | 0,45<br>0,45<br>0,45<br>0,45<br>0,45                                                | 30° ± 5°<br>60° ± 1°<br>60° ± 1°<br>30° ± 5°<br>30° ± 5°                            |
| 3962<br>3970<br>3971<br>3975 A<br>3975 B                                          | SIH<br>SIH<br>SIH<br>SIH<br>SIH | COUACH CL4 (bateau)<br>AUTO-BLEU (bateau)<br>SIMCA Ford F 22E .....<br>FACEL Facelia<br>FACEL Facelia                                                        |                                                                                     | 844<br>1006<br><br>1479<br>3975                                                     | M3 bis<br>M12                   | M 12                                                                                | 1007<br>1417<br>1480<br>1480     | 55<br>57<br><br>55<br>55                                                            | 61 ± 3<br>63 ± 3<br>63 ± 3<br>61 ± 3<br>61 ± 3 | 0,45<br>0,40<br>0,40<br>0,45<br>0,45                                                | 0°<br>10° ± 5°<br>120°<br>120°                                                      |
| 3981<br>3982<br>3983<br>3984<br>3985                                              | SIH<br>SIH<br>SIH<br>SIH<br>SIH | PEUGEOT 403-8<br>CITROEN ID 19<br>SIMCA Aronde .....<br>RENAULT Dauphine<br>PANHARD PL 17                                                                    |                                                                                     | 1006<br>706<br>872<br>1463<br>916                                                   | M12<br><br>XC                   | M12<br><br>XD                                                                       | 1007<br>822<br><br>1462<br>883   | 57<br>55<br>55<br>55<br>113                                                         | 63 ± 3<br>61 ± 3<br>61 ± 3<br>61 ± 3<br>63 ± 3 | 0,40<br>0,45<br>0,45<br>0,45<br>0,40                                                | 10° ± 5°<br>60° ± 1°<br>0°<br>30° ± 5°<br>0°                                        |
| 3986<br>3990<br>3992<br>3993                                                      | SIH<br>SIH<br>SIH<br>SIH        | PEUGEOT 403-7<br>AUTO-BLEU bateau mot. Dauphine<br>ACMA Vespa 400 .....<br>CITROEN PVS2BL 22 CV                                                              |                                                                                     | 1482<br>1491<br>1072<br>664                                                         | M25<br><br>11C2-7E2             | M25<br><br>11C2-7E2                                                                 | 1499<br>1490<br><br>822          | 57<br>55<br><br>55                                                                  | 63 ± 3<br>61 ± 3<br>43 ± 3<br>61 ± 3           | 0,40<br>0,45<br>0,35<br>0,45                                                        | 10° ± 5°<br>30° ± 5°<br><br>76°30' ± 0°<br>- 4°                                     |
| 3994<br>3997<br>3999<br>4001<br>4002                                              | SIH<br>SIH<br>SIH<br>SIH<br>SIH | CITROEN PVL2BL 11 CV<br>CITROEN PVE 11N - 7CV et H - HY - HZ - 11 CV<br>SIMCA Aronde - Ariane - Rush .....<br>ACMA Vespa 400<br>SIMCA Aronde - Ariane - Rush | 3993                                                                                | 706<br>664<br>1495<br>1497<br>1495                                                  | 11D-7E2A<br>11C2-PUD            |                                                                                     | 822<br><br>1494<br>1494          | 55<br>55<br>55<br>57                                                                | 61 ± 3<br>61 ± 3<br>63 ± 3<br>43 ± 3<br>63 ± 3 | 0,45<br>0,45<br>0,40<br>0,35<br>0,40                                                | 76°30' ± 0°<br>- 4°<br>37°<br>0°<br>20°<br>0°                                       |
| 4005<br>4006                                                                      | SIH<br>SIH                      | CITROEN ID 19<br>RENAULT Floride Gordini                                                                                                                     |                                                                                     | 706<br>1467                                                                         | W/W                             | RO                                                                                  | 1498<br>1423                     | 55<br>55                                                                            | 61 ± 3<br>61 ± 3                               | 0,45<br>0,45                                                                        | 60° ± 1°<br>30° ± 5°                                                                |

# Ducellier

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|-----------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|--------------|
|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                                                                                                               | CONSTRUCTEURS | DUCELLIER                                                                           | $\hat{F}$                                                                           | Dwells %                                                                            | mm   |              |
| 4014                                                                              | SIH | A.C.A.A. Hercule 6 cyl.                                                            |                                                                                     | 1502                                                                                                                                                                    |               |                                                                                     | 40                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4016                                                                              | SIH | A.C.A.A. 6 cylindres                                                               |                                                                                     | 1403                                                                                                                                                                    |               |                                                                                     | 40                                                                                  | 67 $\pm$ 3                                                                          | 0,37 | 71°          |
| 4017                                                                              | SIH | A.C.A.A. 6 cylindres                                                               |                                                                                     | 1403                                                                                                                                                                    |               |                                                                                     | 40                                                                                  | 67 $\pm$ 3                                                                          | 0,37 | 71°          |
| 4022                                                                              | SIH | PEUGEOT 404                                                                        |                                                                                     | 1443                                                                                                                                                                    |               |                                                                                     | 57                                                                                  | 63 $\pm$ 3                                                                          | 0,40 | 10° $\pm$ 5° |
| 4030                                                                              | SIH | SIMCA Aronde - Ariane - Rush                                                       |                                                                                     | 1495                                                                                                                                                                    |               | 1444                                                                                | 57                                                                                  | 63 $\pm$ 3                                                                          | 0,40 | 0°           |
| 4031                                                                              | SIH | SANG Navigation                                                                    |                                                                                     | 1511                                                                                                                                                                    |               |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4037                                                                              | SIH | RENAULT 4 CV                                                                       |                                                                                     | 1053                                                                                                                                                                    | ST            |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 20°          |
| 4040                                                                              | SIH | AMAN moteur Dauphine                                                               |                                                                                     | 1463                                                                                                                                                                    | XC            |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30° $\pm$ 5° |
| 4042                                                                              | SIH | SABATIER Le Pratique                                                               |                                                                                     | 843                                                                                                                                                                     |               |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 64°          |
| 4043                                                                              | SIH | RENAULT Estafette 12V                                                              | 4142                                                                                | 4043                                                                                                                                                                    | A45           |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4045                                                                              | SIH | RENAULT R8                                                                         | 4145                                                                                | 4045                                                                                                                                                                    | A47           | C22                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4046                                                                              | SIH | RENAULT Floride S - Caravelle                                                      |                                                                                     | 4070                                                                                                                                                                    | A67           | C22                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4047                                                                              | SIH | RENAULT Dauphine                                                                   |                                                                                     | 1027                                                                                                                                                                    | RK            | RO                                                                                  |                                                                                     | 61 $\pm$ 3                                                                          | 0,45 | 30° $\pm$ 5° |
| 4048                                                                              | SIH | RENAULT Dauphine                                                                   | 3914                                                                                | 1463                                                                                                                                                                    | XC            | XD                                                                                  | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30° $\pm$ 5° |
| 4049                                                                              | SIH | RENAULT Dauphine                                                                   |                                                                                     | 1463                                                                                                                                                                    | XC            | XD                                                                                  | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30° $\pm$ 5° |
| 4050                                                                              | SIH | RENAULT Floride et Gordini                                                         |                                                                                     | 1467                                                                                                                                                                    | WW            | RO                                                                                  | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30° $\pm$ 5° |
| 4051                                                                              | SIH | RENAULT Floride et Gordini                                                         | 3949                                                                                | 1467                                                                                                                                                                    | WW            | RO                                                                                  | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30° $\pm$ 5° |
| 4052                                                                              | SIH | RENAULT Dauphine                                                                   |                                                                                     | 1463                                                                                                                                                                    | XC            | XD                                                                                  | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30°          |
| 4053                                                                              | SIH | RENAULT Floride - Gordini                                                          |                                                                                     | 1467                                                                                                                                                                    | WW            | RO                                                                                  | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 30°          |
| 4054                                                                              | SIH | RENAULT 4 CV                                                                       |                                                                                     | 1053                                                                                                                                                                    | ST            |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 20° $\pm$ 5° |
| 4055                                                                              | SIH | RENAULT Dauphine                                                                   |                                                                                     | 1027                                                                                                                                                                    | RK            |                                                                                     |                                                                                     | 61 $\pm$ 3                                                                          | 0,45 | 20° $\pm$ 5° |
| 4057                                                                              | SIH | SIMCA Versailles V8                                                                |                                                                                     | 4060                                                                                                                                                                    |               |                                                                                     | 60                                                                                  | 63 $\pm$ 3                                                                          | 0,40 |              |
| 4060                                                                              | SIH | SIMCA 1000                                                                         | 4082                                                                                | 4060                                                                                                                                                                    |               |                                                                                     | 60                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4061                                                                              | SIH | SIMCA 1000                                                                         |                                                                                     | 4060                                                                                                                                                                    |               |                                                                                     | 60                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4064                                                                              | SIH | RENAULT R4 680                                                                     | 4307                                                                                | 4064                                                                                                                                                                    | A46           |                                                                                     |                                                                                     | 61 $\pm$ 3                                                                          | 0,45 | 20° $\pm$ 5° |
| 4065                                                                              | SIH | RENAULT R4                                                                         |                                                                                     | 4064                                                                                                                                                                    | A46           |                                                                                     |                                                                                     | 61 $\pm$ 3                                                                          | 0,45 | 20° $\pm$ 5° |
| 4066                                                                              | SIH | BONNET DB Panhard                                                                  |                                                                                     | 916                                                                                                                                                                     |               |                                                                                     |                                                                                     | 61 $\pm$ 3                                                                          | 0,45 | 90°          |
| 4068                                                                              | SIH | RENAULT Estafette 12V                                                              | 4142                                                                                | 4043                                                                                                                                                                    | A45           |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4069                                                                              | SIH | RENAULT R8 689                                                                     | 4145                                                                                | 4069                                                                                                                                                                    | A65           | C33                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4070                                                                              | SIH | RENAULT Floride S - Caravelle                                                      |                                                                                     | 4070                                                                                                                                                                    | A67           | C34                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4073                                                                              | SIH | RENAULT Estafette 12V                                                              | 4142                                                                                | 4043                                                                                                                                                                    | A45           |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4074                                                                              | SIH | RENAULT R8 689                                                                     | 4145                                                                                | 4069                                                                                                                                                                    | A65           | C33                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4075                                                                              | SIH | RENAULT Floride S 689                                                              | 4245                                                                                | 4070                                                                                                                                                                    | A67           | C34                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4076                                                                              | SIH | RENAULT R4 680                                                                     | 4307                                                                                | 4064                                                                                                                                                                    | A46           |                                                                                     | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 20° $\pm$ 5° |
| 4077                                                                              | SIH | RENAULT R8 689                                                                     | 4145                                                                                | 4069                                                                                                                                                                    | A65           | C33                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4078                                                                              | SIH | RENAULT Floride S 689                                                              |                                                                                     | 4070                                                                                                                                                                    | A67           | C34                                                                                 | 55                                                                                  | 61 $\pm$ 3                                                                          | 0,45 | 0°           |
| 4080                                                                              | SIH | PANHARD PL 17                                                                      |                                                                                     | 916                                                                                                                                                                     |               |                                                                                     | 113                                                                                 | 63 $\pm$ 3                                                                          | 0,40 | 75° $\pm$ 1° |
| 4081                                                                              | SIH | SIMCA 1000 - 315 5 CV                                                              | 4082                                                                                | 4081                                                                                                                                                                    |               |                                                                                     | 60                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4081 C                                                                            | SIH | SIMCA 1000 315 5 CV                                                                |                                                                                     | 4081 C                                                                                                                                                                  |               |                                                                                     | 60                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4082                                                                              | SIH | SIMCA 1000 315 5 CV                                                                |                                                                                     | 4081                                                                                                                                                                    |               |                                                                                     | 60                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4082 C                                                                            | SIH | SIMCA 1000 315 5 CV                                                                |                                                                                     | 4081 C                                                                                                                                                                  |               |                                                                                     | 60                                                                                  | 67 $\pm$ 3                                                                          | 0,37 |              |
| 4083                                                                              | SIH | PEUGEOT 404 KFI                                                                    |                                                                                     | 4083                                                                                                                                                                    | M36           | M36                                                                                 | 57                                                                                  | 63 $\pm$ 3                                                                          | 0,40 | 0°           |

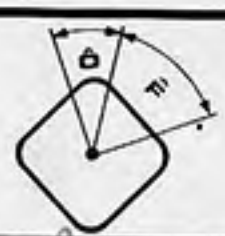
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|                                                                                   |     |                                                                                   |                                                                                     | DUCELLIER                                                                                                                                                               | CONSTRUCTEURS                       | DUCELLIER | F                                                                                   | Dwells %                                                                            | mm                                                                                  |          |
| 4084                                                                              | SIH | SIMCA 1500                                                                        | 4307                                                                                | 4084                                                                                                                                                                    | A67<br>C34                          | 4084      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°       |
| 4091                                                                              | SIH | PATISSIER                                                                         |                                                                                     | 4091                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,38                                                                                | 0°       |
| 4092                                                                              | SIH | RENAULT Floride S 689                                                             |                                                                                     | 4070                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4093                                                                              | SIH | RENAULT Alpine 1093                                                               |                                                                                     | 4093                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4094                                                                              | SIH | RENAULT R4 680                                                                    |                                                                                     | 4064                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 20° ± 5° |
| 4098                                                                              | SIH | BONNET Gordini                                                                    |                                                                                     | 1467                                                                                                                                                                    | A67<br>C34                          | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4099                                                                              | SIH | RENAULT Floride S 689                                                             |                                                                                     | 4070                                                                                                                                                                    |                                     | 4100      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4100                                                                              | SIH | SIMCA 1300 312                                                                    |                                                                                     | 4100                                                                                                                                                                    |                                     | 4113      | 60                                                                                  | 67 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4113                                                                              | SIH | SIMCA 1500 342                                                                    |                                                                                     | 4113                                                                                                                                                                    |                                     | 4113 B    | 60                                                                                  | 67 ± 3                                                                              | 0,45                                                                                | 5°       |
| 4113 B                                                                            | SIH | SIMCA 1500 342                                                                    |                                                                                     | 4113 B                                                                                                                                                                  |                                     | 4113 B    | 60                                                                                  | 67 ± 3                                                                              | 0,45                                                                                | 5°       |
| 4113 D                                                                            | SIH | SIMCA 1500 342                                                                    |                                                                                     | 4113 D                                                                                                                                                                  | A94<br>C34                          | 4113 B    | 60                                                                                  | 67 ± 3                                                                              | 0,45                                                                                | 5°       |
| 4114                                                                              | SIH | PANHARD 24C                                                                       |                                                                                     | 4114                                                                                                                                                                    |                                     | 4114      | 113                                                                                 | 63 ± 3                                                                              | 0,40                                                                                | 20°      |
| 4115                                                                              | SIH | RENAULT Caravelle 688-03                                                          |                                                                                     | 4115                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 5°       |
| 4116                                                                              | SIH | RENAULT Caravelle 688-03                                                          |                                                                                     | 4115                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 5°       |
| 4117                                                                              | SIH | RENAULT Marine moteur 688                                                         |                                                                                     | 4043                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4118                                                                              | SIH | RENAULT R8 688-02                                                                 | 4145                                                                                | 4118                                                                                                                                                                    | A96<br>C33                          | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4119                                                                              | SIH | RENAULT R8 688-02                                                                 |                                                                                     | 4118                                                                                                                                                                    |                                     | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4120                                                                              | SIH | AUTO BLEU Bateau                                                                  |                                                                                     | 4120                                                                                                                                                                    |                                     | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4121                                                                              | SIH | BONNET                                                                            |                                                                                     | 4101                                                                                                                                                                    |                                     | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4127                                                                              | SIH | COUACH bateau F4                                                                  |                                                                                     | 1043                                                                                                                                                                    |                                     | 4069      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°       |
| 4128                                                                              | SIH | SIMCA 1300-1301 312                                                               | 4447                                                                                | 4100                                                                                                                                                                    | M42<br>M50<br>M43                   | 4100      | 60                                                                                  | 67 ± 3                                                                              | 0,37                                                                                | 0°       |
| 4129                                                                              | SIH | SIMCA 1500-1501 342                                                               |                                                                                     | 4113                                                                                                                                                                    |                                     | 4113      | 60                                                                                  | 67 ± 3                                                                              | 0,37                                                                                | 5°       |
| 4132                                                                              | SIH | PEUGEOT 404 KF2 (injection)                                                       |                                                                                     | 4132                                                                                                                                                                    |                                     | 4132      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°       |
| 4132 C                                                                            | SIH | PEUGEOT 404 KF2 (injection)                                                       |                                                                                     | 4132 C                                                                                                                                                                  |                                     | 4132      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°       |
| 4133                                                                              | SIH | PEUGEOT 204 - 304                                                                 |                                                                                     | 4133                                                                                                                                                                    |                                     | 4133      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 10° ± 5° |
| 4134                                                                              | SIH | CITROEN HY                                                                        | 4194                                                                                | 4134                                                                                                                                                                    | HY<br>MV<br>R230<br>A57<br>A131     |           | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 37°      |
| 4135                                                                              | SIH | RENAULT Alpine Brésil                                                             |                                                                                     | 4135                                                                                                                                                                    |                                     |           | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 30° ± 5° |
| 4136                                                                              | SIH | RENAULT Gordini 1150-1300                                                         |                                                                                     | 4136                                                                                                                                                                    |                                     |           | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4137                                                                              | SIH | RENAULT Dauphine 1093                                                             |                                                                                     | 4137                                                                                                                                                                    |                                     |           | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 5° ± 2°  |
| 4138                                                                              | SIH | RENAULT R16 697                                                                   |                                                                                     | 4138                                                                                                                                                                    |                                     | 4138      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4139                                                                              | SIH | RENAULT R16 697                                                                   | 4145                                                                                | 4138                                                                                                                                                                    | A131<br>DM-05d<br>A45<br>A65<br>A96 | 4138      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4141                                                                              | SIH | CITROEN ID 75CV                                                                   |                                                                                     | 4141                                                                                                                                                                    |                                     |           | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 60° ± 1° |
| 4142                                                                              | SIH | RENAULT Estafette                                                                 |                                                                                     | 4043                                                                                                                                                                    |                                     |           | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4143                                                                              | SIH | RENAULT R8 689                                                                    |                                                                                     | 4069                                                                                                                                                                    |                                     | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4144                                                                              | SIH | RENAULT R8 Major - R 10 - 688-02                                                  |                                                                                     | 4118                                                                                                                                                                    |                                     | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4145                                                                              | SIH | RENAULT R8 Major - R 10 - 688-02                                                  | 4245                                                                                | 4118                                                                                                                                                                    | A96<br>C33                          | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4146                                                                              | SIH | RENAULT Caravelle - 688-03                                                        |                                                                                     | 4115                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4147                                                                              | SIH | RENAULT Caravelle - 688-03                                                        |                                                                                     | 4115                                                                                                                                                                    |                                     | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4148                                                                              | SIH | FIAT 850 Super                                                                    |                                                                                     | 4148                                                                                                                                                                    |                                     | 4148      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°       |
| 4149                                                                              | SIH | FIAT 850 Normale                                                                  |                                                                                     | 4149                                                                                                                                                                    |                                     | 4148      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°       |
| 4150                                                                              | SIH | RENAULT Floride S 688-04                                                          | 4245                                                                                | 4070                                                                                                                                                                    | A67<br>R230                         | 4070      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |
| 4151                                                                              | SIH | RENAULT R8 Gordini - 804                                                          |                                                                                     | 4136                                                                                                                                                                    |                                     | 4069      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°       |

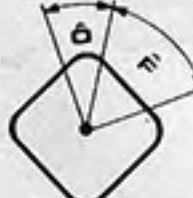
# Ducellier

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|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS                                                                       | DUCELLIER                                                                           | F                                                                                   | Dwells %                                                                            | mm   |            |
| 4152                                                                              | SIH | RENAULT Marine 688-03                                                              |                                                                                     | 4115                                                                                | A94                                                                                 |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4153                                                                              | SIH | FIAT 1500                                                                          |                                                                                     | 4153                                                                                |                                                                                     | 4153                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 |            |
| 4154                                                                              | SIH | CITROEN Camion 600                                                                 |                                                                                     | 4154                                                                                |                                                                                     |                                                                                     | 37                                                                                  | 61 ± 3                                                                              | 0,45 | 64°        |
| 4155                                                                              | SIH | CITROEN DS 21                                                                      |                                                                                     | 4155                                                                                | DX-05d                                                                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 55° ± 3°   |
| 4156                                                                              | SIH | RENAULT Alpine                                                                     |                                                                                     | 4156                                                                                |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4157                                                                              | SIH | RENAULT R8 - 689-01                                                                |                                                                                     | 4125                                                                                | A107                                                                                | C52                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4158                                                                              | SIH | RENAULT R8 - 689-01                                                                |                                                                                     | 4125                                                                                | A107                                                                                | C52                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4159                                                                              | SIH | RENAULT R16 - 697-02                                                               | 4145                                                                                | 4159                                                                                | R234                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4160                                                                              | SIH | RENAULT R16 - 697-02                                                               | 4194                                                                                | 4159                                                                                | R234                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4161                                                                              | SIH | PEUGEOT 404 - 504                                                                  | 4194                                                                                | 4161                                                                                | M48                                                                                 | 3916                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | -10° ± 5°  |
| 4162                                                                              | SIH | PANHARD 24B Tigre                                                                  |                                                                                     | 4163                                                                                |                                                                                     |                                                                                     | 113                                                                                 | 63 ± 3                                                                              | 0,40 | 25°        |
| 4163                                                                              | SIH | RENAULT R16 - 697                                                                  | 4194                                                                                | 4163                                                                                | R235                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 5°         |
| 4164                                                                              | SIH | RENAULT R16 - 697                                                                  | 4194                                                                                | 4165                                                                                | R235                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 5°         |
| 4165                                                                              | SIH | FIAT 850 Coupé                                                                     |                                                                                     | 4165                                                                                |                                                                                     |                                                                                     | 60                                                                                  | 66,5 ± 3,5                                                                          | 0,38 |            |
| 4166                                                                              | SIH | FIAT 850 Spider - AUTOBIANCHI A 112                                                |                                                                                     | 4167                                                                                |                                                                                     |                                                                                     | 60                                                                                  | 66,5 ± 3,5                                                                          | 0,38 |            |
| 4167                                                                              | SIH | RENAULT Caravelle 688-03                                                           |                                                                                     | 4167                                                                                | R236                                                                                | C34                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4168                                                                              | SIH | RENAULT Caravelle 688-03                                                           |                                                                                     | 4169                                                                                | R236                                                                                | C34                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4169                                                                              | SIH | CITROEN DS-19 - 90 CV                                                              | 4245                                                                                | 4170                                                                                | DY-05                                                                               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 35° ± 2,5° |
| 4170                                                                              | SIH | PANHARD 24 CT - M10S                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 113                                                                                 | 63 ± 3                                                                              | 0,40 | 25°        |
| 4171                                                                              | SIH | PANHARD 24 BT - M8S                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 113                                                                                 | 63 ± 3                                                                              | 0,40 | 25°        |
| 4172                                                                              | SIH | RENAULT Caravelle - 688-03                                                         |                                                                                     | 4167                                                                                | R236                                                                                | C34                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4173                                                                              | SIH | CITROEN Camion 350 - ID 19                                                         |                                                                                     | 4173                                                                                | N05b                                                                                |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 40° ± 5°   |
| 4174                                                                              | SIH | DODGE 6 cylindres                                                                  |                                                                                     | 4174                                                                                |                                                                                     |                                                                                     | 38                                                                                  | 63 ± 3                                                                              | 0,40 | 60°        |
| 4175                                                                              | SIH | CITROEN ID 19 Pallas                                                               |                                                                                     | 1464                                                                                | DS-05                                                                               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 55° ± 3°   |
| 4176                                                                              | SIH | CITROEN DS 21 Pallas                                                               | 3944                                                                                | 4155                                                                                | DX-05b                                                                              |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |            |
| 4177                                                                              | SIH | CITROEN DS 19 Pallas                                                               |                                                                                     | 4169                                                                                | DY-05                                                                               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 35° ± 2,5  |
| 4178                                                                              | SIH | SIMCA Brésil                                                                       |                                                                                     | 4178                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |            |
| 4178 B                                                                            | SIH | SIMCA Brésil                                                                       |                                                                                     | 4178 B                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |            |
| 4181                                                                              | SH  | VENDEUVRE                                                                          |                                                                                     | 4181                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |            |
| 4182                                                                              | SIH | PEUGEOT 404 KF2                                                                    | 4132                                                                                | 4132 C                                                                              | M50                                                                                 | M50                                                                                 | 62                                                                                  | 69 ± 3                                                                              | 0,32 | 0°         |
| 4183                                                                              | SIH | SIMCA 1000 - 315                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40 |            |
| 4184                                                                              | SIH | BARRAQUET - Simca 1000                                                             |                                                                                     | 4081                                                                                |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |            |
| 4185                                                                              | SIH | RENAULT Lotus - 697-04                                                             |                                                                                     | 4184                                                                                |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |            |
| 4186                                                                              | SIH | RENAULT bateau - 697-30                                                            |                                                                                     | 4185                                                                                | R238                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 5°         |
| 4187                                                                              | SIH | PEUGEOT 47                                                                         |                                                                                     | 4159                                                                                | R234                                                                                |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4188                                                                              | SIH | CITROEN Camion 350                                                                 |                                                                                     | 4187                                                                                | M47                                                                                 |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 7°,30      |
| 4189                                                                              | SIH | RENAULT Alpine 1300                                                                | 4173                                                                                | 4173                                                                                | N05b                                                                                |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 40° ± 5°   |
| 4190                                                                              | SIH | CITROEN Camion 350                                                                 | 4173                                                                                | 4136                                                                                | R230                                                                                |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 5°         |
| 4191                                                                              | SIH | CITROEN Camion 600                                                                 |                                                                                     | 4173                                                                                | N05b                                                                                |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 40° ± 5°   |
| 4193                                                                              | SIH | RENAULT R16 - 697-02                                                               | 4194                                                                                | 4154                                                                                |                                                                                     |                                                                                     | 37                                                                                  | 61 ± 3                                                                              | 0,45 | 64°        |
| 4194                                                                              | SIH | RENAULT R16 - 697-02                                                               |                                                                                     | 4193                                                                                | R239                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
| 4195                                                                              | SIH | FIAT 124 B - AUTOBIANCHI A 111                                                     |                                                                                     | 4195                                                                                | R239                                                                                | D59                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°         |
|                                                                                   |     |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,43 |            |

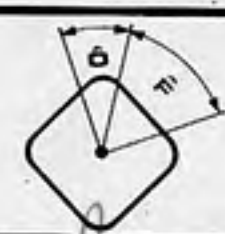
|      |     |                                   |      | DUCELLIER | CONSTRUCTEURS | DUCELLIER | F  | Dwells %   | mm   |           |
|------|-----|-----------------------------------|------|-----------|---------------|-----------|----|------------|------|-----------|
| 4196 | SIH | SIMCA 1000 - 349 - 5CV            | 4210 | 4196      |               | 4196      | 55 | 61 ± 3     | 0,45 |           |
| 4197 | SIH | PEUGEOT 204                       |      | 4113      |               | 4113      | 57 | 63 ± 3     | 0,43 | 15° ± 5°  |
| 4198 | SIH | PEUGEOT 404 - XC5                 |      | 4161      | M48           | 3916      | 57 | 63 ± 3     | 0,43 | 10° ± 5°  |
| 4199 | SIH | SIMCA 1100 - 350 - 6CV            | 4209 | 4199      |               | 4199      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4200 | SIH | SIMCA 1200S - 354 - Coupé Bertone |      | 4200      |               | 4200      | 55 | 61 ± 3     | 0,45 |           |
| 4201 | SIH | RENAULT Sport Marin               |      | 4159      | R234          |           | 55 | 61 ± 3     | 0,45 | 0°        |
| 4202 | SIH | SIMCA 1000 USA - 349 - 5CV        |      | 4202      |               | 4202      | 55 | 61 ± 3     | 0,45 |           |
| 4204 | SIH | PEUGEOT 204                       | 4447 | 4204      | M59           | 4204      | 57 | 63 ± 3     | 0,43 | 15° ± 5°  |
| 4205 | SIH | FIAT 124 Spider et 125            | 4392 | 4205      |               |           | 60 | 66,5 ± 3,5 | 0,40 |           |
| 4206 | SIH | LANCIA Fulvia GT                  |      | 4206      |               |           | 59 | 65,5 ± 3,5 | 0,40 |           |
| 4207 | SIH | PEUGEOT 404 USA                   |      | 4161      | M48           |           | 57 | 63 ± 3     | 0,43 | 0° ± 5°   |
| 4208 | SIH | LANCIA Flavia 1800 Carb.          | 4213 | 4208      |               |           | 59 | 65,5 ± 3,5 | 0,40 | 0°        |
| 4209 | SIH | SIMCA 1100 - 350 - 6CV            |      | 4199      |               | 4199      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4210 | SIH | SIMCA 1000 - 349 - 5CV            |      | 4196      |               | 4196      | 55 | 61 ± 3     | 0,45 |           |
| 4211 | SIH | RENAULT Alpine 1500               |      | 4185      | R238          | 4159      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4213 | SIH | LANCIA Flavia 1800 injection      |      | 4213      |               |           | 59 | 65,5 ± 3,5 | 0,40 | 0°        |
| 4214 | SIH | SIMCA 1100 - 350 - 6CV            | 4222 | 4214      |               | 4199      | 57 | 63 ± 3     | 0,43 | 5°        |
| 4215 | SIH | RENAULT R16 TS - 807 - F1         | 4236 | 4159      | R234          | 4159      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4216 | SIH | CITROEN N pompiers                |      | 4216      | N05d          |           | 55 | 61 ± 3     | 0,45 | 40° ± 5°  |
| 4217 | SIH | RENAULT R 16 TS - 807 - F1        | 4236 | 4159      | R234          | 4159      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4218 | SIH | PEUGEOT 504 Injection             |      | 4218      | M53           | 4218      | 57 | 63 ± 3     | 0,43 | 15° ± 5°  |
| 4219 | SIH | RENAULT R16 USA 821-01            | 4220 | 4219      | R241          | 4219      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4220 | SIH | RENAULT R16 USA 821-01            |      | 4219      | R241          | 4219      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4222 | SIH | SIMCA 1100 - 350 6 CV             |      | 4214      |               | 4199      | 57 | 63 ± 3     | 0,43 | 5°        |
| 4223 | SIH | RENAULT R12                       | 4224 | 4223      | R251          | 4070      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4224 | SIH | RENAULT R12                       |      | 4223      | R251          |           | 55 | 61 ± 3     | 0,45 | 0°        |
| 4225 | SIH | SEAT 600D                         |      | 4225      |               | 4225      | 57 | 63 ± 3     | 0,43 | 20° ± 5°  |
| 4226 | SIH | RENAULT R6 800-02                 |      | 4226      | R240          |           | 55 | 61 ± 3     | 0,45 | 6° ± 4,3° |
| 4227 | SIH | FIAT Camionnette 238              |      | 4227      |               |           | 57 | 63 ± 3     | 0,43 |           |
| 4228 | SIH | RENAULT R6 - 800-02               |      | 4226      | R240          |           | 55 | 61 ± 3     | 0,45 | 6° ± 4,3° |
| 4229 | SIH | RENAULT R4 - 800-01               | 4230 | 4064      | A46           |           | 55 | 61 ± 3     | 0,45 | 6° ± 4,3° |
| 4230 | SIH | RENAULT R4 - 800-01               | 4483 | 4064      | A46           |           | 55 | 61 ± 3     | 0,45 | 6° ± 4,3° |
| 4231 | SIH | RENAULT R16 TS - 807-01           | 4232 | 4231      | R244          | 4231      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4232 | SIH | RENAULT R16 TS - 807-01           |      | 4231      | R244          | 4231      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4234 | SIH | RENAULT R4 - 800-01               |      | 4234      | A78           |           | 55 | 61 ± 3     | 0,45 | 20° ± 5°  |
| 4235 | SIH | RENAULT R16 TS - 807-01           | 4236 | 4235      | R243          | 4159      | 55 | 61 ± 3     | 0,45 | 5°        |
| 4236 | SIH | RENAULT R16 TS - 807-01           |      | 4235      | R243          | 4159      | 55 | 61 ± 3     | 0,45 | 5°        |
| 4237 | SIH | RENAULT R16 TS - 807-01           | 4238 | 4237      | R245          | 4219      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4238 | SIH | RENAULT R16 TS - 807-02           |      | 4237      | R245          | 4219      | 55 | 61 ± 3     | 0,45 | 0°        |
| 4239 | SIH | RENAULT R16 - 697-11              | 4240 | 4239      | R246          | 4159      | 55 | 61 ± 3     | 0,45 | 5°        |
| 4240 | SIH | RENAULT R16 - 697-11              |      | 4239      | R246          | 4159      | 55 | 61 ± 3     | 0,45 | 5°        |
| 4241 | SIH | FIAT Coupé 850                    |      | 4165      |               |           | 57 | 63 ± 3     | 0,43 |           |

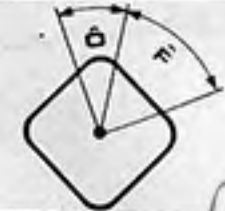
# Ducellier

|  |     |  |  |  |                            |  |  |  |  |      |          |
|-----------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|----------|
|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS              | DUCELLIER                                                                           | F                                                                                   | Dwells %                                                                            | mm                                                                                  |      |          |
| 4242                                                                              | SIH | SIMCA 1000 - 351 - 6 CV                                                            | 4243                                                                                | 4242                                                                                | R247                       | C34                                                                                 | 4196                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4243                                                                              | SIH | SIMCA 1000 - 351 - 6 CV                                                            |                                                                                     | 4242                                                                                |                            |                                                                                     | 4196                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4244                                                                              | SIH | RENAULT R8 S - 688-09                                                              |                                                                                     | 4244                                                                                |                            |                                                                                     | 4070                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4245                                                                              | SIH | RENAULT R8 S - 688-09                                                              |                                                                                     | 4244                                                                                |                            |                                                                                     | 4070                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4246                                                                              | SIH | SIMCA 1501 S - 342S - 8 CV                                                         | 4250                                                                                | 4246                                                                                |                            |                                                                                     | 4246                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4248                                                                              | SIH | SIMCA 1100 - 350 - 6 CV                                                            |                                                                                     | 4248                                                                                |                            |                                                                                     | 4196                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4249                                                                              | SIH | SIMCA 1100 - 350 - 6CV                                                             |                                                                                     | 4248                                                                                |                            |                                                                                     | 4196                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4250                                                                              | SIH | SIMCA 1501 S - 342S - 8 CV                                                         |                                                                                     | 4246                                                                                |                            |                                                                                     | 4246                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4251                                                                              | SIH | SIMC'4 - 359 - 4 CV                                                                |                                                                                     | 4251                                                                                |                            |                                                                                     | 4251                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4252                                                                              | SIH | SIMC'4 - 359 - 4 CV                                                                |                                                                                     | 4251                                                                                |                            |                                                                                     | 4251                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4253                                                                              | SIH | CITROEN DS 21 - DS 23                                                              |                                                                                     | 4253                                                                                | DX-05i<br>DX-05d<br>BV-05a |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 55° ± 3° |
| 4254                                                                              | SIH | CITROEN ID - DS 20                                                                 |                                                                                     | 4254                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4254 B                                                                            | SIH | CITROEN ID - DS 20                                                                 |                                                                                     | 4254 B                                                                              |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4255                                                                              | SIH | SIMCA 1200 S - 354 - 7 CV                                                          |                                                                                     | 4255                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4256                                                                              | SIH | SIMCA 1200 S - 354 - 7 CV                                                          |                                                                                     | 4255                                                                                |                            |                                                                                     | 4255                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 55° ± 3° |
| 4257                                                                              | SIH | SIMCA 1000 USA - 351 - 6 CV                                                        | 4447                                                                                | 4257                                                                                | M68                        | M 68                                                                                | 4257                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 15° ± 5° |
| 4258                                                                              | SIH | SIMCA 1100 - 352 - 5 CV                                                            |                                                                                     | 4214                                                                                |                            |                                                                                     | 4196                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4259                                                                              | SIH | PEUGEOT 204 XK                                                                     |                                                                                     | 4259                                                                                |                            |                                                                                     | 4259                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,43 |          |
| 4260                                                                              | SIH | SIMCA 1100 USA - 353 - 7 CV                                                        |                                                                                     | 4260                                                                                |                            |                                                                                     | 4257                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4261                                                                              | SIH | RENAULT Estafette - 810-01                                                         | 4262                                                                                | 4261                                                                                | R249                       |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4262                                                                              | SIH | RENAULT Estafette - 810-01                                                         | 4263                                                                                | 4261                                                                                | R249                       |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4263                                                                              | SIH | RENAULT Estafette - 810-01                                                         |                                                                                     | 4261                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4264                                                                              | SIH | FIAT 125 S - 124 Spider                                                            |                                                                                     | 4264                                                                                |                            |                                                                                     |                                                                                     | 60                                                                                  | 66,5 ± 3,5                                                                          | 0,40 |          |
| 4266                                                                              | SIH | ALPINE Berlinette 807                                                              |                                                                                     | 4159                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4267                                                                              | SIH | RENAULT Lotus USA 821                                                              |                                                                                     | 4267                                                                                | R250                       | D59                                                                                 | 4159                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4269                                                                              | SIH | FIAT 128                                                                           | 4487                                                                                | 4269                                                                                | R254                       | D59                                                                                 | 4159                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°       |
| 4270                                                                              | SIH | RENAULT R16 - 821-01                                                               |                                                                                     | 4270                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4271                                                                              | SIH | RENAULT R16 - 821-01                                                               |                                                                                     | 4270                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4272                                                                              | SIH | SAVIEM 817                                                                         |                                                                                     | 4272                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4273                                                                              | SIH | SAVIEM 817                                                                         | 4273                                                                                | 4272                                                                                | ZS                         | C33                                                                                 | 4069                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4274                                                                              | SIH | RENAULT R4 - R6 - 800-01-02                                                        | 4275                                                                                | 4274                                                                                | R252                       |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4275                                                                              | SIH | RENAULT R4 - R6 - 800-01-02                                                        |                                                                                     | 4274                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4276                                                                              | SIH | RENAULT R4 - 680-02                                                                |                                                                                     | 4276                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4277                                                                              | SIH | RENAULT R4 - 680-02                                                                |                                                                                     | 4276                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4278                                                                              | SIH | FIAT USA Coupé 850                                                                 | 4277                                                                                | 4278                                                                                | R253                       |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4279                                                                              | SIH | RENAULT bateau 807-30                                                              | 4295                                                                                | 4279                                                                                | R255                       |                                                                                     | 4280                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°       |
| 4280                                                                              | SIH | SIMCA 1000 - 349 - 5 CV                                                            |                                                                                     | 4280                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4281                                                                              | SIH | SIMCA 1000 - 349 - 5 CV                                                            |                                                                                     | 4280                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4282                                                                              | SIH | SIMCA 1000 - 351 et Rallye 6 CV                                                    |                                                                                     | 4282                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4283                                                                              | SIH | SIMCA 1000 - 351 et Rallyes 6 CV                                                   | 4394                                                                                | 4282                                                                                |                            |                                                                                     | 4282                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4284                                                                              | SIH | SIMC'4 - 359 - 4 CV                                                                | 4396                                                                                | 4284                                                                                |                            |                                                                                     | 4284                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |
| 4285                                                                              | SIH | SIMC'4 - 359 - 4 CV                                                                |                                                                                     | 4284                                                                                |                            |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |          |

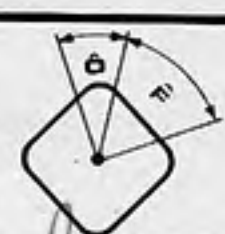
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|-----------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|----------|
|                                                                                   |     |                                                                                   |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS | DUCELLIER                                                                           |        | F                                                                                   | Dwells %                                                                            | mm                                                                                  |                             |          |
| 4286                                                                              | SIH | SIMCA 1100 - 350 - 6 CV                                                           | 4288                                                                                | 4286                                                                                |               |                                                                                     | 4286   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4287                                                                              | SIH | SIMCA 1100 - 350 - 6 CV                                                           |                                                                                     | 4287                                                                                |               |                                                                                     | 4287   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4288                                                                              | SIH | SIMCA 1200 - 354 - Coupé, Bertone - 7 CV                                          |                                                                                     | 4288                                                                                |               |                                                                                     | 4288   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4288 B                                                                            | SIH | SIMCA 1200 - 354 - Coupé, Bertone - 7 CV                                          |                                                                                     | 4288 B                                                                              |               |                                                                                     | 4288   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4289                                                                              | SIH | SIMCA 1200 - 354 - Coupé, Bertone - 7 CV                                          |                                                                                     | 4288                                                                                |               |                                                                                     | 4288   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4290                                                                              | SIH | FIAT USA Spider 850                                                               |                                                                                     | 4278                                                                                | DY-010a       | M53<br>C34                                                                          |        | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 55°<br>15° ± 5°<br>0°<br>0° |          |
| 4291                                                                              | SIH | CITROEN ID et DS 20                                                               |                                                                                     | 4291                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              |                             | 0,45     |
| 4292                                                                              | SIH | PEUGEOT 504 KF5                                                                   |                                                                                     | 4218                                                                                |               |                                                                                     |        |                                                                                     | 57                                                                                  | 63 ± 3                                                                              |                             | 0,40     |
| 4293                                                                              | SIH | RENAULT R10 - 810-04                                                              |                                                                                     | 4070                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              |                             | 0,45     |
| 4294                                                                              | SIH | SIMCA 1200 (et USA) - 353 - 7 CV                                                  |                                                                                     | 4257                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              |                             | 0,45     |
| 4295                                                                              | SIH | RENAULT Bateau - 807-31                                                           | 4297                                                                                | 4295                                                                                | R257          | C33<br>D60                                                                          |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4296                                                                              | SIH | RENAULT R 10 - 810-03                                                             |                                                                                     | 4296                                                                                | R259          |                                                                                     | 4069   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4297                                                                              | SIH | RENAULT R 10 - 810-03                                                             |                                                                                     | 4296                                                                                | R259          |                                                                                     | 4069   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4298                                                                              | SIH | RENAULT R 16 - 821-01                                                             |                                                                                     | 4298                                                                                | R258          |                                                                                     | 4219   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4299                                                                              | SIH | RENAULT R 16 - 821-01                                                             |                                                                                     | 4298                                                                                | R258          |                                                                                     | 4219   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4300                                                                              | SIH | PEUGEOT 504 USA                                                                   | 4302                                                                                | 4300                                                                                | M69           |                                                                                     |        | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0° ± 5°                     |          |
| 4301                                                                              | SIH | SIMCA 1100 - 352 - 5 CV                                                           |                                                                                     | 4301                                                                                |               |                                                                                     | 4301   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4302                                                                              | SIH | SIMCA 1000 - 349 - 5 CV                                                           |                                                                                     | 4302                                                                                |               |                                                                                     | 4301   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4303                                                                              | SIH | SIMCA 1000 - 349 - 5 CV                                                           |                                                                                     | 4302                                                                                |               |                                                                                     | 4301   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4304                                                                              | SIH | SIMCA 1200 (et USA) 353 - 7 CV                                                    |                                                                                     | 4304                                                                                |               |                                                                                     | 4257   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4305                                                                              | SIH | SIMCA 1200 (et USA) 353 - 7 CV                                                    | 4307                                                                                | 4305                                                                                | R253          |                                                                                     | 4257   | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4306                                                                              | SIH | RENAULT R4 - 680                                                                  |                                                                                     | 4276                                                                                |               |                                                                                     |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 20° ± 5°                    |          |
| 4307                                                                              | SIH | RENAULT R4 - 680                                                                  |                                                                                     | 4276                                                                                |               |                                                                                     |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 20° ± 5°                    |          |
| 4308                                                                              | SIH | SIMCA 1301 - 345                                                                  |                                                                                     | 4308                                                                                |               |                                                                                     |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4309                                                                              | SIH | SIMCA 1301 - 345                                                                  |                                                                                     | 4308                                                                                |               |                                                                                     |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |                             |          |
| 4310                                                                              | SIH | CITROEN SG                                                                        | 4451                                                                                | 4310                                                                                | R262          | M43<br>M70                                                                          |        | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 101°                        |          |
| 4311                                                                              | SIH | RENAULT R12 Rallye                                                                |                                                                                     | 4311                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        | 0°       |
| 4314                                                                              | SIH | PEUGEOT 204 et 304                                                                |                                                                                     | 4133                                                                                |               |                                                                                     |        |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                        | 15° ± 5° |
| 4320                                                                              | SIH | PEUGEOT 304 USA - XL antipollution                                                |                                                                                     | 4320                                                                                |               |                                                                                     |        |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                        | 36°      |
| 4323                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV                                                |                                                                                     | 4324                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        |          |
| 4324                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV                                                | 4328                                                                                | 4324                                                                                | R263          | C33                                                                                 |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4325                                                                              | SIH | RENAULT R4 Allemagne                                                              |                                                                                     | 4325                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        | 0°       |
| 4326                                                                              | SIH | RENAULT R6 - 688-10                                                               |                                                                                     | 4326                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        | 20° ± 5° |
| 4327                                                                              | SIH | RENAULT R6 - 688-10                                                               |                                                                                     | 4326                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        | 0°       |
| 4328                                                                              | SIH | RENAULT R4 Suède - 800-02                                                         |                                                                                     | 4325                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        | 0°       |
| 4329                                                                              | SIH | RENAULT R16 All. Suède - 821-02-03                                                | 4330                                                                                | 4270                                                                                | R254          | D60                                                                                 |        | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4330                                                                              | SIH | RENAULT R16 All. Suède - 821-02-03                                                |                                                                                     | 4270                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        |          |
| 4332                                                                              | SIH | SIMCA-CHRYSLER 1100 - 350 - 6 CV Antipollution                                    |                                                                                     | 4332                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        |          |
| 4336                                                                              | SIH | RENAULT R6 - 688-10                                                               |                                                                                     | 4336                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        |          |
| 4337                                                                              | SIH | RENAULT R6 - 688-10                                                               |                                                                                     | 4336                                                                                |               |                                                                                     |        |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                        |          |
| 4338                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV antipollution                                  |                                                                                     | 4338                                                                                |               |                                                                                     | 4282 ■ | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |
| 4339                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 9 CV antipollution                                   |                                                                                     | 4339                                                                                |               |                                                                                     | 4338 ■ | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°                          |          |

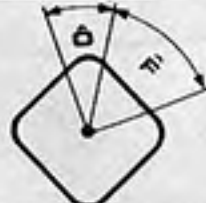
# Ducellier

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|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS | DUCELLIER                                                                           |               | F                                                                                   | Dwells %                                                                            | mm                                                                                  |      |
| 4340                                                                              | SIH | RENAULT R 10 - 810-03                                                              | 4341                                                                                | 4326                                                                                | R242          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4341                                                                              | SIH | RENAULT R 10 - 810-03                                                              |                                                                                     | 4326                                                                                | R242          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4342                                                                              | SIH | SIMCA-CHRYSLER 1100 - 353 S - 7 CV                                                 |                                                                                     | 4342                                                                                |               |                                                                                     | 4288          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4343                                                                              | SIH | SIMCA-CHRYSLER 1100 - 353 S - 7 CV                                                 |                                                                                     | 4343                                                                                |               |                                                                                     | 4343          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4345                                                                              | SIH | RENAULT R 6 - 810-20                                                               |                                                                                     | 4296                                                                                | R259          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4346                                                                              | SIH | RENAULT R 10 Allemagne                                                             | 4293                                                                                | 4293                                                                                | R256          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4347                                                                              | SIH | RENAULT bateau 807-30                                                              | 4349                                                                                | 4279                                                                                | R255          |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4348                                                                              | SIH | RENAULT R 16 - 807-05-06                                                           |                                                                                     | 4348                                                                                | R266          | D59                                                                                 | 4159          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4349                                                                              | SIH | RENAULT R 16 - 807-05-06                                                           |                                                                                     | 4348                                                                                | R266          | D59                                                                                 | 4159          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4350                                                                              | SIH | CHRYSLER-FRANCE 1600 - 361 - 9 CV                                                  |                                                                                     | 4350                                                                                |               |                                                                                     | 4350          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4351                                                                              | SIH | CHRYSLER FRANCE 1600 - 361 - 9 CV                                                  | 4450                                                                                | 4350                                                                                |               |                                                                                     | 4350          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4352                                                                              | SIH | RENAULT R 12 Suède - 810-02                                                        |                                                                                     | 4118                                                                                | A96           | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4353                                                                              | SIH | PEUGEOT 304 - 204 export                                                           |                                                                                     | 4320                                                                                | M70           |                                                                                     |               | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 36°  |
| 4354                                                                              | SIH | SIMCA-CHRYSLER 1100 - 352 - 5 CV                                                   |                                                                                     | 4354                                                                                |               |                                                                                     | 4354          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4355                                                                              | SIH | RENAULT R 12 Gordini                                                               |                                                                                     | 4355                                                                                | R267          |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4356                                                                              | SIH | SIMCA-CHRYSLER 1000 - 349 - 5 CV                                                   | 4398                                                                                | 4356                                                                                |               |                                                                                     | 4356          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4357                                                                              | SIH | SIMCA-CHRYSLER 1000 - 349 - 5 CV                                                   | 4398                                                                                | 4356                                                                                |               |                                                                                     | 4356          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4358                                                                              | SIH | RENAULT R 10 USA                                                                   |                                                                                     | 4358                                                                                | R265          | C33                                                                                 | 4069          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4360                                                                              | SIH | RENAULT R 5 - 689-10                                                               |                                                                                     | 4360                                                                                | R248          | C33                                                                                 | 4069          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4361                                                                              | SIH | SIMCA-CHRYSLER 1301 - 345 - 7 CV                                                   |                                                                                     | 4361                                                                                |               |                                                                                     | 4361          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4362                                                                              | SIH | SIMCA-CHRYSLER 1301 - 345 S 7 CV                                                   |                                                                                     |                                                                                     | 4361          |                                                                                     |               | 4361                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |
| 4363                                                                              | SIH | RENAULT R5 - 689-10                                                                |                                                                                     | 4360                                                                                | R248          | C33                                                                                 | 4069          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4364                                                                              | SIH | RENAULT R 6 USA - 810-20                                                           |                                                                                     | 4360                                                                                | R248          |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4366                                                                              | SIH | SIMCA-CHRYSLER 1100 - 366 - boîte automatique                                      |                                                                                     |                                                                                     |               |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4367                                                                              | SIH | SIMCA-CHRYSLER 1000 - 351 - 6 CV Antipollution                                     |                                                                                     | 4305                                                                                |               |                                                                                     | 4287 ■ 4332 ■ | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4368                                                                              | SIH | SIMCA-CHRYSLER 1000 - 349 - 5 CV Antipollution                                     |                                                                                     |                                                                                     | 4356          |                                                                                     |               | 4389 ■ 4332 ■                                                                       | 55                                                                                  | 61 ± 3                                                                              | 0,45 |
| 4369                                                                              | SIH | SIMCA-CHRYSLER 1301 - 345 S - 7 CV Antipollution                                   |                                                                                     | 4361                                                                                |               |                                                                                     | 4361 ■ 4332 ■ | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4371                                                                              | SIH | CHRYSLER-FRANCE 1600 - 361 - 9 CV Antipollution                                    |                                                                                     | 4294                                                                                |               |                                                                                     | 4371 ■ 4332 ■ | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4373                                                                              | SIH | CHRYSLER-FRANCE 1800 - 341 - 10 CV Antipollution                                   |                                                                                     | 4294                                                                                |               |                                                                                     | 4373 ■ 4332 ■ | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4375                                                                              | SIH | RENAULT R 12 Suède - 810                                                           |                                                                                     | 4375                                                                                | R268          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4377                                                                              | SIH | RENAULT R 5 - 839-01-05 - R 4 - R 6                                                |                                                                                     | 4492                                                                                | 4377          | R220                                                                                |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45 |
| 4378                                                                              | SIH | RENAULT R 5 - 839-01-05 - R 4 - R 6                                                | 4492                                                                                | 4377                                                                                | R220          |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 20°  |
| 4379                                                                              | SH  | PEUGEOT 104 - WV3                                                                  | 4445                                                                                | 4379                                                                                | M72           |                                                                                     | 4379          | 57                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4380                                                                              | SIH | RENAULT R 12 USA - boîte automatique                                               | 4382                                                                                | 4298                                                                                | R258          |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4381                                                                              | SIH | RENAULT R 16 TS - 807-10                                                           |                                                                                     | 4235                                                                                | R243          | D60                                                                                 | 4219          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4382                                                                              | SIH | RENAULT R 16 TS - 807-10                                                           |                                                                                     | 4235                                                                                | R243          | D60                                                                                 | 4219          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4383                                                                              | SIH | PEUGEOT 304 USA                                                                    |                                                                                     | 4383                                                                                | M73           |                                                                                     | 4383 □        | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 36°  |
| 4384                                                                              | SIH | PEUGEOT 504 USA                                                                    |                                                                                     | 4384                                                                                | M74           |                                                                                     |               | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4385                                                                              | SIH | FIAT 127                                                                           |                                                                                     | 4165                                                                                |               |                                                                                     |               | 54                                                                                  | 59 ± 4                                                                              | 0,48                                                                                | 0°   |
| 4386                                                                              | SIH | LANCIA 2000                                                                        |                                                                                     | 4213                                                                                |               |                                                                                     |               | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 90°  |
| 4387                                                                              | SIH | RENAULT R 16 TS - gamme basse                                                      |                                                                                     | 4360                                                                                | R248          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4388                                                                              | SIH | RENAULT R 16 TS - gamme basse - R 12 TS                                            |                                                                                     | 4360                                                                                | R248          | C34                                                                                 | 4070          | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |

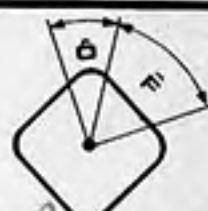
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|                                                                                   |     |                                                                                   |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS | DUCELLIER                                                                           | F                                                                                   | Dwells %                                                                            | mm                                                                                  |      |
| 4389                                                                              | SIH | SIMCA CHRYSLER 1100 S - 366 - 7 CV                                                |                                                                                     | 4389                                                                                |               | 4389                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4390                                                                              | SIH | FIAT 124                                                                          |                                                                                     | 4195                                                                                |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                |      |
| 4391                                                                              | SIH | FIAT 124 sport - 125 berline - 125 S                                              |                                                                                     | 4264                                                                                |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                |      |
| 4392                                                                              | SIH | FIAT 124 Spider - FIAT 125                                                        |                                                                                     | 4205                                                                                |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                |      |
| 4393                                                                              | SIH | SIMCA CHRYSLER - 349 - 5 CV                                                       |                                                                                     | 4280                                                                                |               | 4280                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4394                                                                              | SIH | SIMCA CHRYSLER 1000 - 351 - 6 CV                                                  |                                                                                     | 4282                                                                                |               | 4282                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4395                                                                              | SIH | SIMCA CHRYSLER 1000 - 351 - 6 CV                                                  |                                                                                     | 4282                                                                                |               | 4282                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4396                                                                              | SIH | SIMCA CHRYSLER 1000 - 359 - 4 CV                                                  |                                                                                     | 4284                                                                                |               | 4284                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4397                                                                              | SIH | SIMCA CHRYSLER 1000 - 349 - 5 CV                                                  | 4398                                                                                | 4356                                                                                |               | 4356                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4398                                                                              | SIH | SIMCA CHRYSLER 1000 - 349 - 5 CV                                                  |                                                                                     | 4356                                                                                |               | 4356                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4399                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV                                                |                                                                                     | 4350                                                                                |               | 4323                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4400                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV                                                | 4399                                                                                | 4350                                                                                |               | 4323                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4401                                                                              | SIH | CHRYSLER FRANCE 1800 - 361 - 9 CV                                                 |                                                                                     | 4350                                                                                |               | 4350                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4402                                                                              | SIH | CHRYSLER FRANCE 1800 - 361 - 9 CV                                                 |                                                                                     | 4350                                                                                |               | 4350                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4403                                                                              | SH  | CITROEN GS Allemagne - Suède - Antipollution                                      |                                                                                     | 4403                                                                                | GA5           | GD3                                                                                 | 4287                                                                                | 63 ± 3                                                                              | 0,40                                                                                | 90°  |
| 4405                                                                              | SIH | VOLKSWAGEN K 70                                                                   |                                                                                     | 4405                                                                                |               | 4405                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                |      |
| 4406                                                                              | SIH | RENAULT R 6 TL Allemagne                                                          |                                                                                     | 4360                                                                                | R248          | C33                                                                                 | 4069                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4407                                                                              | SIH | MEHARIE Armée - M 28 - 24 V                                                       |                                                                                     | 4408                                                                                |               | D59                                                                                 | 4159                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4408                                                                              | SIH | SAVIEM Camion 817                                                                 |                                                                                     | 4408                                                                                |               | D59                                                                                 | 4159                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4410                                                                              | SIH | RENAULT R 6 TL Suède                                                              |                                                                                     | 4360                                                                                | R248          | C33                                                                                 | 4069                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4411 A                                                                            | SH  | CITROEN GS 1220 cm³                                                               |                                                                                     | 4411                                                                                | GA3           | GD1                                                                                 | 4310                                                                                | 63 ± 3                                                                              | 0,40                                                                                | 101° |
| 4411 B                                                                            | SH  | CITROEN GS 1220 cm³                                                               |                                                                                     | 4411 B                                                                              |               | GD2                                                                                 | 4287                                                                                | 63 ± 3                                                                              | 0,40                                                                                |      |
| 4412                                                                              | SIH | FIAT 128                                                                          |                                                                                     | 4269                                                                                |               |                                                                                     | 57                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4420                                                                              | SIH | SIMCA CHRYSLER Rallye I - 371 - 7 CV                                              | 4436                                                                                | 4420                                                                                |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4421                                                                              | SIH | SIMCA CHRYSLER Rallye II - 371 - 7 CV                                             |                                                                                     | 4421                                                                                |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4425                                                                              | SIH | SIMCA CHRYSLER 1100 - 366 - 7 CV                                                  |                                                                                     | 4425                                                                                |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4426                                                                              | SIH | SIMCA CHRYSLER 1100 - 366 - 7 CV                                                  |                                                                                     | 4426                                                                                |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4427                                                                              | SIH | CHRYSLER FRANCE 1600 - 361 - 9 CV Antipollution                                   |                                                                                     | 4294                                                                                |               |                                                                                     | 4371 ■                                                                              | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4428                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV                                                |                                                                                     | 4294                                                                                |               |                                                                                     | 4428                                                                                | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4430                                                                              | SIH | PEUGEOT 304 S mot XL 3 S                                                          | 4448                                                                                | 4430                                                                                | M75           |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 36°  |
| 4431                                                                              | SH  | CITROEN GS 1015 cm³                                                               | 4451                                                                                | 4431                                                                                | GA4           | GD1                                                                                 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 101° |
| 4433                                                                              | SIH | RENAULT R 15 TS - R 17 TL                                                         |                                                                                     | 4433                                                                                | R273          | D60                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4434                                                                              | SIH | RENAULT R 15 TS - R 17 TL                                                         |                                                                                     | 4433                                                                                | R273          | D60                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4435                                                                              | SIH | ALFA SUD                                                                          |                                                                                     | 4435                                                                                |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 65°  |
| 4436                                                                              | SIH | SIMCA CHRYSLER Rallye I - 371 - 7 CV                                              |                                                                                     | 4420                                                                                |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |
| 4437                                                                              | SIH | RENAULT Alpine A 310 - 844-30-31                                                  |                                                                                     | 4355                                                                                | R267          |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4438                                                                              | SIH | RENAULT R 12 Californie - 810-02                                                  |                                                                                     | 4219                                                                                | R241          | D64                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4439                                                                              | SIH | RENAULT R 5 Export - 689-10                                                       |                                                                                     | 4375                                                                                | R268          | C34                                                                                 | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4440                                                                              | SIH | RENAULT R 5 Métropol - 689-10                                                     | 4439                                                                                | 4375                                                                                | R268          | C34                                                                                 | 4070                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4441                                                                              | SIH | RENAULT R 5 Export - 810-25                                                       |                                                                                     | 4360                                                                                | R248          | C34                                                                                 | 4070                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |
| 4442                                                                              | SIH | RENAULT R 5 Métropol - 810-25                                                     | 4441                                                                                | 4360                                                                                | R248          | C34                                                                                 | 4070                                                                                | 61 ± 3                                                                              | 0,45                                                                                | 0°   |

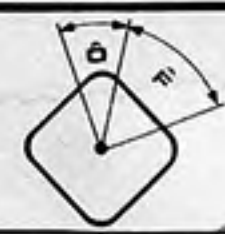
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|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS | DUCELLIER                                                                           | $\hat{F}$ | Dwells %                                                                            | mm                                                                                  |                                                                                     |
| 4443                                                                              | SIH | RENAULT R 5 Export - 800-10                                                        |                                                                                     | 4443                                                                                | R275          |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 20°                                                                                 |
| 4444                                                                              | SIH | RENAULT R 5 Métropol - 800-10                                                      |                                                                                     | 4443                                                                                | R275          |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 20°                                                                                 |
| 4445                                                                              | SH  | PEUGEOT 104 - XV3                                                                  |                                                                                     | 4379                                                                                | M72           |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 0°                                                                                  |
| 4447                                                                              | SIH | PEUGEOT 204 - 304                                                                  |                                                                                     | 4133                                                                                | M43           | M43                                                                                 | 57        | 63 ± 3                                                                              | 0,40                                                                                | 15°                                                                                 |
| 4448                                                                              | SIH | PEUGEOT 304 S - XL3S                                                               |                                                                                     | 4430                                                                                | M75           |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 36°                                                                                 |
| 4449                                                                              | SIH | PEUGEOT 304 USA                                                                    |                                                                                     | 4383                                                                                | M73           |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 36°                                                                                 |
| 4450                                                                              | SIH | PEUGEOT 204 - 304 Export - XL 3                                                    |                                                                                     | 4320                                                                                | M70           |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 36°                                                                                 |
| 4451                                                                              | SH  | CITROEN GX - AMI 8 Super - 1015 cm³                                                |                                                                                     | 4403                                                                                | GA5           | GD2                                                                                 | 57        | 63 ± 3                                                                              | 0,40                                                                                | 90°                                                                                 |
| 4457                                                                              | SIH | FIAT 132                                                                           |                                                                                     |                                                                                     |               | D59                                                                                 |           |                                                                                     |                                                                                     |                                                                                     |
| 4458                                                                              | SIH | RENAULT Moteur                                                                     |                                                                                     | 4360                                                                                | R248          |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 0°                                                                                  |
| 4462                                                                              | SIH | RENAULT R 12 - 810-02                                                              | 4375                                                                                | 4375                                                                                | R268          | C 34                                                                                | 55        | 61 ± 3                                                                              | 0,45                                                                                | 0°                                                                                  |
| 4463                                                                              | SIH | CHRYSLER FRANCE 1800 - 341 - 10 CV Suède                                           |                                                                                     | 4463                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 0°                                                                                  |
| 4464                                                                              | SIH | SIMCA-CHRYSLER 1000 - 349 - 5 CV                                                   |                                                                                     | 4280                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 0°                                                                                  |
| 4465                                                                              | SIH | CHRYSLER FRANCE 1800 - 949 - 2L                                                    |                                                                                     | 4294                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 0°                                                                                  |
| 4466                                                                              | SH  | PEUGEOT 104                                                                        |                                                                                     | 4379                                                                                |               |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 0°                                                                                  |
| 4467                                                                              | SIH | AUDI 100                                                                           |                                                                                     | 4467                                                                                | O12006        | O12007                                                                              | 50        | 56 ± 3                                                                              | 0,50                                                                                | 45°                                                                                 |
| 4468                                                                              | SIH | VOLKSWAGEN K70                                                                     |                                                                                     | 4405                                                                                |               |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                |                                                                                     |
| 4469                                                                              | SIH | RENAULT R 15 TS - mot. 807-11 - R 16 TS - mot. 807-05                              | 4472                                                                                | 4433                                                                                | R273          | D60                                                                                 | 57        | 63 ± 3                                                                              | 0,40                                                                                | 0°                                                                                  |
| 4472                                                                              | SIH | RENAULT R 15 TS - mot. 807-11 - R 16 TS - mot. 807-05                              |                                                                                     | 4433                                                                                | R273          | D60                                                                                 | 57        | 63 ± 3                                                                              | 0,40                                                                                | 0°                                                                                  |
| 4473                                                                              | SIH | SIMCA CHRYSLER 1301 S - mot. 345 S - boîte mécanique                               | 4489                                                                                | 4426                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                |                                                                                     |
| 4474                                                                              | SIH | SIMCA CHRYSLER 1301 S - mot. 345 S - boîte automatique                             |                                                                                     | 4474                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                |                                                                                     |
| 4475                                                                              | SIH | PEUGEOT 504 Gendarmerie                                                            |                                                                                     | 4161                                                                                |               |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 10°                                                                                 |
| 4476                                                                              | SIH | RENAULT R 12 - R 15 TL - 810-06-11                                                 | 4477                                                                                | 4476                                                                                | R280          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 0°                                                                                  |
| 4477                                                                              | SIH | RENAULT R 12 - R 15 TL - 810-06-11                                                 |                                                                                     | 4476                                                                                | R280          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 0°                                                                                  |
| 4478                                                                              | SIH | CHRYSLER FRANCE 1800 - 949 - 2L                                                    |                                                                                     | 4478                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                |                                                                                     |
| 4479                                                                              | SIH | SIMCA CHRYSLER 1100 S - 366 - G2 - 7 CV                                            |                                                                                     | 4479                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                | 0°                                                                                  |
| 4480                                                                              | SIH | FIAT 128 Berline, coupé USA                                                        |                                                                                     | 4480                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,35                                                                                |                                                                                     |
| 4481                                                                              | SIH | FIAT 128 Spider USA mot. X 1/9                                                     |                                                                                     | 4480                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,35                                                                                |                                                                                     |
| 4482                                                                              | SIH | RENAULT R 5 - 839-06                                                               |                                                                                     | 4482                                                                                | R285          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 20°                                                                                 |
| 4483                                                                              | SIH | RENAULT R 4 - R 6 - 800-01-02-03-05                                                |                                                                                     | 4483                                                                                | R284          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 20°                                                                                 |
| 4484                                                                              | SIH | SIMCA CHRYSLER 1501 S - 342 S - 8 CV                                               | 4495                                                                                | 4484                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                |                                                                                     |
| 4485                                                                              | SIH | RENAULT R 5 - 839-06                                                               | 4482                                                                                | 4482                                                                                | R285          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                |                                                                                     |
| 4486                                                                              | SIH | RENAULT R 4 - R 6 - 800-01-02-03-05                                                | 4483                                                                                | 4483                                                                                | R284          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 20°                                                                                 |
| 4487                                                                              | SIH | FIAT 128                                                                           |                                                                                     | 4269                                                                                |               |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 20°                                                                                 |
| 4488                                                                              | SIH | FIAT 128                                                                           |                                                                                     | 4269                                                                                |               |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                |                                                                                     |
| 4489                                                                              | SIH | CHRYSLER 1301 S - mot. 345 S                                                       |                                                                                     | 4426                                                                                |               |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                |                                                                                     |
| 4490                                                                              | SIH | PEUGEOT 504 injection XN 25                                                        | 4505                                                                                | 4490                                                                                | M77           |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 15°                                                                                 |
| 4491                                                                              | SIH | PEUGEOT 504 carburateur                                                            | 4537                                                                                | 4491                                                                                | M78           |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 10°                                                                                 |
| 4492                                                                              | SIH | RENAULT R 5 L - 1220 - 839-01                                                      |                                                                                     | 4492                                                                                | R286          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 30°                                                                                 |
| 4493                                                                              | SIH | RENAULT R 5 L - 1221 - 800-01                                                      | 4494                                                                                | 4493                                                                                | R287          |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                | 20°                                                                                 |
| 4494                                                                              | SIH | RENAULT R 5 L - 800-01                                                             |                                                                                     | 4493                                                                                |               |                                                                                     | 57        | 63 ± 3                                                                              | 0,40                                                                                |                                                                                     |
| 4495                                                                              | SIH | SIMCA CHRYSLER 1501 S - 342 - 8 CV                                                 |                                                                                     | 4484                                                                                | R287          |                                                                                     | 55        | 61 ± 3                                                                              | 0,45                                                                                |                                                                                     |

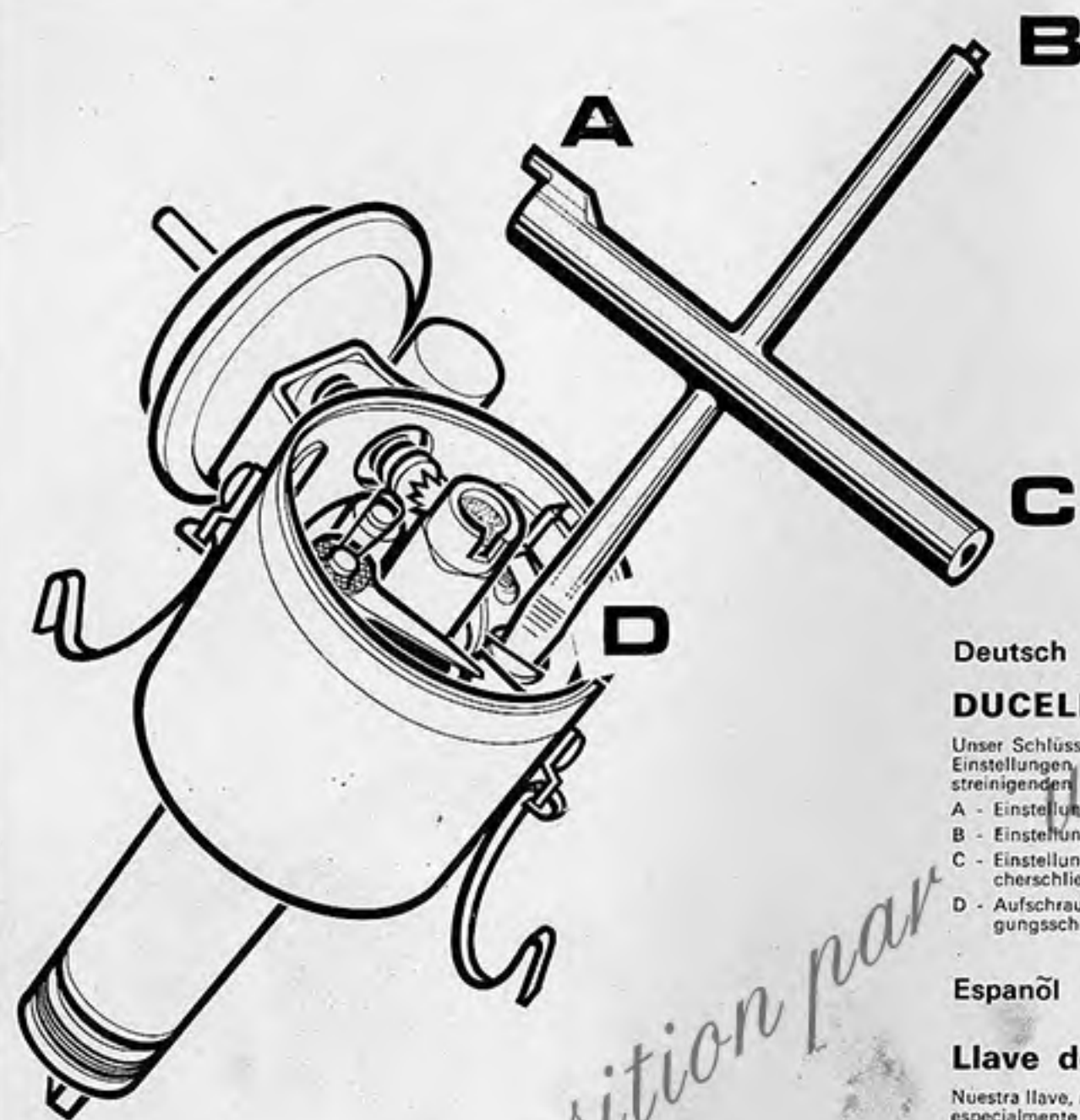
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|                                                                                   |     |                                                                                   |                                                                                     | DUCELLIER                                                                                                                                                               | CONSTRUCTEURS | DUCELLIER                                                                           | F                                                                                   | Dwells %                                                                            | mm     |      |     |
| 4496                                                                              | SIH | CITROEN H - HY - C 35                                                             | 4500                                                                                | 4496                                                                                                                                                                    | M 79          | M 79                                                                                | 4498                                                                                | 55                                                                                  | 61 ± 3 | 0,40 | 58° |
| 4498                                                                              | SIH | R - 30 - PEUGEOT 604                                                              |                                                                                     | 4498                                                                                                                                                                    |               |                                                                                     | 76                                                                                  | 63 ± 3                                                                              |        |      |     |
| 4499                                                                              | SIH | CHRYSLER FRANCE 1800 - mot. 362 - 2L                                              |                                                                                     | 4428                                                                                                                                                                    |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              |        |      |     |
| 4500                                                                              | SIH | CHRYSLER FRANCE 1800 - mot. 362 - 2L                                              |                                                                                     | 4428                                                                                                                                                                    |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              |        |      |     |
| 4501                                                                              | SIH | VOLKSWAGEN K 70                                                                   |                                                                                     | 4405                                                                                                                                                                    |               |                                                                                     | 47                                                                                  | 52 ± 3                                                                              |        |      |     |
| 4502                                                                              | SIH | RENAULT DAT 66 - 810-32                                                           |                                                                                     | 4293                                                                                                                                                                    | R256          | D60                                                                                 | 4219                                                                                | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4503                                                                              | SIH | RENAULT R 12 USA - mot. 841-10 - R 15 - R 17 USA - mot. 841-15                    |                                                                                     | 4219                                                                                                                                                                    | R241          |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4504                                                                              | SIH | RENAULT Alpine Berlinette 1600                                                    |                                                                                     | 4159                                                                                                                                                                    | R234          |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4505                                                                              | SIH | PEUGEOT 504 Injection XN 25                                                       |                                                                                     | 4490                                                                                                                                                                    | M77           |                                                                                     | 4132 C                                                                              | 57                                                                                  | 63 ± 3 | 0,40 | 15° |
| 4507                                                                              | SIH | VOLKSWAGEN K 70                                                                   |                                                                                     | 4501                                                                                                                                                                    |               |                                                                                     | 4405                                                                                | 47                                                                                  | 52 ± 3 | 0,50 |     |
| 4510                                                                              | SIH | FIAT 127                                                                          |                                                                                     | 4510                                                                                                                                                                    | LA2           |                                                                                     |                                                                                     | 55                                                                                  | 61 ± 3 | 0,45 | 0°  |
| 4511                                                                              | SH  | CITROEN CX 2000                                                                   |                                                                                     |                                                                                                                                                                         |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40   |      |     |
| 4512                                                                              | SH  | CHRYSLER ANGLETERRE                                                               |                                                                                     |                                                                                                                                                                         |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40   |      |     |
| 4513                                                                              | SH  | CHRYSLER ANGLETERRE                                                               |                                                                                     |                                                                                                                                                                         |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40   |      |     |
| 4514                                                                              | SH  | CHRYSLER ANGLETERRE                                                               |                                                                                     |                                                                                                                                                                         |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40   |      |     |
| 4515                                                                              | SH  | CHRYSLER ANGLETERRE                                                               | 4517                                                                                | 4514                                                                                                                                                                    |               |                                                                                     | 4512                                                                                | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4516                                                                              | SH  | SIMCA CHRYSLER 1301 S - mot. 345 S                                                |                                                                                     | 4515                                                                                                                                                                    |               |                                                                                     | 4512                                                                                | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4517                                                                              | SH  | SIMCA CHRYSLER 1301 S - mot. 345 S                                                |                                                                                     | 4516                                                                                                                                                                    |               |                                                                                     | 4301                                                                                | 55                                                                                  | 61 ± 3 | 0,45 |     |
| 4518                                                                              | SH  | SIMCA CHRYSLER 1000 - 6 CV Antipollution                                          |                                                                                     | 4516                                                                                                                                                                    |               |                                                                                     | 4301                                                                                | 55                                                                                  | 63 ± 3 | 0,45 |     |
|                                                                                   |     |                                                                                   |                                                                                     | 4305                                                                                                                                                                    |               |                                                                                     | 4287                                                                                | 55                                                                                  | 63 ± 3 | 0,45 |     |
| 4520                                                                              |     | SIMCA CHRYSLER 1000 - 5 CV Antipollution                                          | 4520                                                                                | 4356                                                                                                                                                                    |               |                                                                                     | 4389                                                                                | 57                                                                                  | 63 ± 3 | 0,45 |     |
| 4521                                                                              |     | SIMCA CHRYSLER 1000 - 5 CV Antipollution                                          |                                                                                     | 4356                                                                                                                                                                    |               |                                                                                     | 4389                                                                                | 55                                                                                  | 61 ± 3 | 0,45 |     |
| 4522                                                                              |     | SIMCA CHRYSLER 1100 - 366 G2 - 7 CV                                               |                                                                                     | 4479                                                                                                                                                                    |               |                                                                                     | 4301                                                                                | 55                                                                                  | 61 ± 3 | 0,45 |     |
| 4523                                                                              |     | SIMCA CHRYSLER 1000 - 349 - 5 CV - boîte Férodo                                   |                                                                                     | 4356                                                                                                                                                                    |               |                                                                                     | 4356                                                                                | 55                                                                                  | 61 ± 3 | 0,45 |     |
| 4524                                                                              |     | SIMCA CHRYSLER 1000 - 349 - 5 CV - boîte Férodo                                   |                                                                                     | 4356                                                                                                                                                                    |               |                                                                                     | 4356                                                                                | 55                                                                                  | 61 ± 3 | 0,45 |     |
| 4525                                                                              | SIH | PEUGEOT 504 USA                                                                   |                                                                                     | 4384                                                                                                                                                                    |               |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4526                                                                              | SIH | FIAT 128 Berline Europe - Spider France - mot. X 1/9                              |                                                                                     | 4165                                                                                                                                                                    |               |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 |     |
| 4527                                                                              | SIH | FIAT 128 Berline Europe - Spider France - mot. X 1/9                              |                                                                                     | 4165                                                                                                                                                                    |               |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 |     |
| 4528                                                                              | SH  | AUDI 801, essence super                                                           |                                                                                     | 4528                                                                                                                                                                    |               |                                                                                     | 4528                                                                                | 45                                                                                  | 50 ± 3 | 9,45 | 85° |
| 4529                                                                              | SH  | AUDI 801, essence normale                                                         |                                                                                     | 4529                                                                                                                                                                    |               |                                                                                     | 4528                                                                                | 45                                                                                  | 50 ± 3 | 0,45 | 85° |
| 4530                                                                              | SH  | FIAT Spider USA mot. X 1/9                                                        |                                                                                     | 4480                                                                                                                                                                    |               |                                                                                     | 4480                                                                                | 55                                                                                  | 61 ± 3 | 0,40 | 0°  |
| 4531                                                                              | SIH | FIAT 1800-2000                                                                    |                                                                                     | 4531                                                                                                                                                                    |               |                                                                                     | 4480                                                                                | 55                                                                                  | 61 ± 3 | 0,40 |     |
| 4532                                                                              | SIH | SIMCA CHRYSLER 1301 S - mot 345 S                                                 |                                                                                     | 4532                                                                                                                                                                    |               |                                                                                     | 4280                                                                                | 55                                                                                  | 61 ± 3 | 0,45 |     |
| 4533                                                                              | SIH | ALFA ROMEO - Alfetta                                                              |                                                                                     | 4533                                                                                                                                                                    |               |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 |     |
| 4535                                                                              | SIH | RENAULT R 16 - 821-01 - boîte mécanique                                           |                                                                                     | 4298                                                                                                                                                                    | R258          | D60                                                                                 | 4219                                                                                | 57                                                                                  | 63 ± 3 | 0,40 |     |
| 4536                                                                              | SIH | RENAULT R 16 - 821-02-03 - Allemagne - Suède                                      |                                                                                     | 4270                                                                                                                                                                    | R254          | D60                                                                                 | 4219                                                                                | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4537 A                                                                            | SIH | PEUGEOT 504 Carburateur                                                           |                                                                                     | 4491                                                                                                                                                                    | M78           | M78                                                                                 | 3916                                                                                | 57                                                                                  | 63 ± 3 | 0,40 | 10° |
| 4537 B                                                                            | SIH | FIAT 131                                                                          |                                                                                     | 4491                                                                                                                                                                    | M78           | M78                                                                                 | 3916                                                                                | 57                                                                                  | 63 ± 3 | 0,40 | 26° |
| 4538                                                                              | SIH | RENAULT R 12 - 810-06 - R 15 TL - 810-11                                          |                                                                                     | 4195                                                                                                                                                                    |               |                                                                                     |                                                                                     | 55                                                                                  | 63 ± 3 | 0,40 |     |
| 4539                                                                              | SIH |                                                                                   |                                                                                     | 4476                                                                                                                                                                    | R280          |                                                                                     |                                                                                     | 57                                                                                  | 63 ± 3 | 0,40 | 0°  |
| 4540                                                                              | SIH | CHRYSLER FRANCE 1600                                                              |                                                                                     | 4294                                                                                                                                                                    |               |                                                                                     | 4350                                                                                | 55                                                                                  | 61 ± 3 | 0,45 | 87° |
| 4543                                                                              | SH  | VOLKSWAGEN POLO 40 PS                                                             |                                                                                     | 4529                                                                                                                                                                    |               |                                                                                     | 4528                                                                                | 42                                                                                  | 47 ± 3 | 0,45 |     |

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|                                                                                   |     |                                                                                    |                                                                                     | DUCELLIER                                                                           | CONSTRUCTEURS | DUCELLIER                                                                           | F    | Dwells %                                                                            | mm                                                                                  |                                                                                     |      |    |
| 4544                                                                              | SIH | RENAULT R 17 TS USA - 843-13                                                       | 4510                                                                                | 4298                                                                                | R258          | D64                                                                                 | 4438 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 4545                                                                              | SIH | CITROEN CX 2000 Suède                                                              |                                                                                     | 4510                                                                                | LA2           |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 4546                                                                              | SIH | RENAULT R 12 - R 15 - R 17 - TA - TM - USA - mot. 843-10-11-15-16..                |                                                                                     | 4235                                                                                | R243          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 4547                                                                              | SIH | SIMCA CHRYSLER 1000 - 5 CV                                                         |                                                                                     | 4356                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 4548                                                                              | SIH | SIMCA CHRYSLER 1000 - 5 CV                                                         |                                                                                     | 4305                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 4549                                                                              | SIH | RENAULT R 17 TS USA - mot. 843-13                                                  |                                                                                     | 4298                                                                                | R258          | D63<br>B D 1                                                                        | 4549 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6600                                                                              | SIH | CITROEN C 35                                                                       |                                                                                     | 6600                                                                                | B A 1         |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,42                                                                                | 55°  |    |
| 6601                                                                              | SIH | RENAULT R 12 Mexique mot. 841-99 .....                                             |                                                                                     | 6601                                                                                |               |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6602                                                                              | SH  | VOLKSWAGEN Polo - mot. A 337 - ess. normal                                         |                                                                                     | 4529                                                                                |               |                                                                                     |      | 42                                                                                  | 47 ± 3                                                                              | 0,45                                                                                | 87°  |    |
| 6603                                                                              | SIH | FIAT 127 Allemagne                                                                 |                                                                                     | 6603                                                                                |               |                                                                                     |      | 55                                                                                  | 63 ± 3                                                                              | 0,40                                                                                |      |    |
| 6604                                                                              | SIH | FIAT 128 Allemagne                                                                 | 6612                                                                                | 6604                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,40                                                                                |      |    |
| 6605                                                                              | SIH | SIMCA CHRYSLER 1000 - 5 CV - boîte mécanique                                       |                                                                                     | 4294                                                                                |               |                                                                                     |      | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6606                                                                              | SIH | SIMCA CHRYSLER 1000 - 6 CV .....                                                   |                                                                                     | 6606                                                                                |               |                                                                                     |      | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6607                                                                              | SIH | SIMCA CHRYSLER 1000 - 5 CV - boîte Férodo                                          |                                                                                     | 6607                                                                                |               |                                                                                     |      | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6608                                                                              | SIH | SIMCA CHRYSLER 1000 - 7 CV                                                         |                                                                                     | 6608                                                                                |               |                                                                                     |      | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6609                                                                              | SIH | SIMCA CHRYSLER 1000 - 5 CV                                                         | 6615                                                                                | 4484                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 6610                                                                              | SIH | SIMCA CHRYSLER 1000 - 6 CV                                                         |                                                                                     | 6610                                                                                |               |                                                                                     |      | 6610                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6611                                                                              | SIH | CHRYSLER FRANCE 1600 .....                                                         |                                                                                     | 6611                                                                                |               |                                                                                     |      | 6611                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6612                                                                              | SIH | SIMCA CHRYSLER 1000 - 5 CV - boîte mécanique                                       |                                                                                     | 4294                                                                                |               |                                                                                     |      | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6613                                                                              | SIH | SIMCA CHRYSLER 1000 - 6 CV                                                         |                                                                                     | 6606                                                                                |               |                                                                                     |      | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6614                                                                              | SIH | SIMCA CHRYSLER 1000 - 7 CV                                                         | 6608                                                                                | 6608                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 6615                                                                              | SIH | CHRYSLER FRANCE 1600                                                               |                                                                                     | 6611                                                                                |               |                                                                                     |      | 6611                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |    |
| 6616                                                                              | SH  | CHRYSLER ANGLETERRE .....                                                          |                                                                                     | 6616                                                                                |               |                                                                                     |      | 6616                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 |    |
| 6617                                                                              | SH  | CHRYSLER ANGLETERRE                                                                |                                                                                     | 6617                                                                                |               |                                                                                     |      | 6617                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 |    |
| 6618                                                                              | SIH | SIMCA CHRYSLER 1100 TI - MATRA 1442                                                |                                                                                     | 6618                                                                                |               |                                                                                     |      | 6618                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0° |
| 6619                                                                              | SIH | RENAULT R 16 TX Suède - mot. 843-02-21                                             |                                                                                     | 4433                                                                                | R273          | D64                                                                                 | 4438 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6620                                                                              | SIH | RENAULT R 17 TS USA - mot. 843-13                                                  |                                                                                     | 4298                                                                                | R258          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6621                                                                              | SIH | SIMCA-CHRYSLER 1100 - 7 CV .....                                                   |                                                                                     | 4479                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |    |
| 6623                                                                              | SIH | RENAULT R 12 TS Suède mot. 847-05                                                  |                                                                                     | 4433                                                                                | R273          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6624                                                                              | SIH | RENAULT R 12 TS - mot. 847-06 - DAF 1400 Suède - mot. 847-30                       |                                                                                     | 4433                                                                                | R273          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6625                                                                              | SH  | PEUGEOT 104 coupé ZS - mot. XW 3 S                                                 | 6644                                                                                | 6625                                                                                | M83           | M83                                                                                 | 6625 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 14°  |    |
| 6628                                                                              | SIH | SIMCA CHRYSLER Rallye II                                                           |                                                                                     | 6628                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 6635                                                                              | SIH | PEUGEOT 304 - mot. XL 5 - 304 S - mot. XL5 S .....                                 |                                                                                     | 6635                                                                                | M89           |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 18°  |    |
| 6641                                                                              | SIH | SIMCA CHRYSLER 1301 S                                                              |                                                                                     | 4516                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                |      |    |
| 6643                                                                              | SIH | RENAULT R 16 Allemagne - mot. 821-02                                               |                                                                                     | 6644                                                                                | R282          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6644                                                                              | SIH | RENAULT R 16 Allemagne - mot. 821-02                                               | 6661                                                                                | 6644                                                                                | R282          | D61                                                                                 | 4231 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6645                                                                              | SIH | SIMCA CHRYSLER 1501 S                                                              |                                                                                     | 4484                                                                                |               |                                                                                     |      | 55                                                                                  | 61 ± 3                                                                              | 0,45                                                                                | 0°   |    |
| 6660                                                                              | SIH | RENAULT R 17 Europe - mot. 843-05-20 .....                                         |                                                                                     | 4270                                                                                | R254          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6661                                                                              | SIH | RENAULT R 17 Europe - mot. 843-05-20                                               |                                                                                     | 4270                                                                                | R254          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6662                                                                              | SIH | RENAULT R 17 Europe - mot. 843-06-21                                               |                                                                                     | 4298                                                                                | R258          |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 6663                                                                              | SIH | RENAULT R 17 Europe - mot. 843-06-21                                               |                                                                                     | 4298                                                                                | R258          | D60                                                                                 | 4219 | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 0°   |    |
| 525000                                                                            | SH  | PEUGEOT 104 - mot XV3                                                              |                                                                                     | 4379                                                                                | M88           |                                                                                     |      | 57                                                                                  | 63 ± 3                                                                              | 0,40                                                                                | 14°  |    |

|  |       |  |  |   |               |  |  |  |      |     |
|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|
|                                                                                   |       |                                                                                   |                                                                                     | DUCELLIER                                                                                                                                                               | CONSTRUCTEURS | DUCELLIER                                                                           | F                                                                                   | Dwells %                                                                            | mm   |     |
| 525001                                                                            | S H   | CHRYSLER 1300 GT Angleterre                                                       |                                                                                     | 525001                                                                                                                                                                  |               | 525001                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525002                                                                            | S H   | CHRYSLER 1600 GT Angleterre                                                       |                                                                                     | 525002                                                                                                                                                                  |               | 525002                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525003                                                                            | S I H | RENAULT R 5 USA - mot. 810-28                                                     |                                                                                     | 525003                                                                                                                                                                  | R269          | 4070                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525004                                                                            | S I H | CHRYSLER C6 - mot. G1 - 7 CV - Taux 9,5                                           |                                                                                     | 525004                                                                                                                                                                  |               | 6610                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525005                                                                            | S I H | CHRYSLER C6 - mot. Y2 - 8 CV - Taux 9,5                                           |                                                                                     | 525005                                                                                                                                                                  |               | 525005                                                                              | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525006                                                                            | S I H | FIAT 134                                                                          |                                                                                     | 525006                                                                                                                                                                  |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,40 |     |
| 525008                                                                            | S I H | CHRYSLER C6 - mot. Y4 - 8 CV - Taux 9,5                                           |                                                                                     | 6618                                                                                                                                                                    |               | 6618                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525009                                                                            | S H   | PEUGEOT 104 Suède - mot. XV3                                                      |                                                                                     | 4379                                                                                                                                                                    | M 87          | 525009                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 14° |
| 525010                                                                            | S I H | PEUGEOT 204 - mot. XK5                                                            |                                                                                     | 525010                                                                                                                                                                  | M90           | 525010                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 19° |
| 525012                                                                            | S I H | PEUGEOT 404 - J7 - mot - XC7                                                      |                                                                                     | 525012                                                                                                                                                                  | M85           | 525012                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 26° |
| 525013                                                                            | S I H | PEUGEOT 504 Carbur. - mot. XC7P - XM7P                                            |                                                                                     | 525013                                                                                                                                                                  | M86           | 525013                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 27° |
| 525015                                                                            | S I H | PEUGEOT 304 S - mot. XL5S                                                         |                                                                                     | 6635                                                                                                                                                                    | M89           | 525015                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 16° |
| 525016                                                                            | S H   | RENAULT R 14                                                                      | 525018                                                                              | 4379                                                                                                                                                                    |               | 4379                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 37° |
| 525017                                                                            | S I H | CHRYSLER C6 - mot. G1 - 7 CV - Taux 8,2                                           |                                                                                     | 525017                                                                                                                                                                  |               | 6610                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525018                                                                            | S H   | RENAULT R 14                                                                      |                                                                                     | 4379                                                                                                                                                                    |               | 4379                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 37° |
| 525019                                                                            | S H   | CHRYSLER 1300 LC Angleterre                                                       |                                                                                     | 525019                                                                                                                                                                  |               | 525019                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 |     |
| 525020                                                                            | S H   | CHRYSLER 1300 HC Angleterre                                                       |                                                                                     | 525020                                                                                                                                                                  |               | 6617                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525021                                                                            | S H   | CHRYSLER 1600 HC Angleterre                                                       |                                                                                     | 525021                                                                                                                                                                  |               | 525001                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525022                                                                            | S H   | CHRYSLER 1600 SC Angleterre                                                       |                                                                                     | 6616                                                                                                                                                                    |               |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525023                                                                            | S I H | RENAULT R 16 Allemagne - mot. 821-02-03                                           | 525024                                                                              | 4270                                                                                                                                                                    | R 254         | 4219                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525024                                                                            | S I H | RENAULT R 16 Allemagne - mot. 821-02-03                                           |                                                                                     | 4270                                                                                                                                                                    | R254          | 4219                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525025                                                                            | S I H | RENAULT R 16 - mot. 821-01                                                        | 525026                                                                              | 4298                                                                                                                                                                    | R258          | 4219                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525026                                                                            | S I H | RENAULT R 16 - mot. 821-01                                                        |                                                                                     | 4298                                                                                                                                                                    | R258          | 4219                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525027                                                                            | S I H | RENAULT R 12 TS Suède - mot. 847-05 - boîte mécanique                             |                                                                                     | 525027                                                                                                                                                                  | R294          | 4070                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525028                                                                            | S I H | RENAULT Alpine - R 5 Gordini - mot. 840 - 1400 cm³                                | 525029                                                                              | 4136                                                                                                                                                                    | R230          | 4070                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525029                                                                            | S I H | RENAULT Alpine - R 5 Gordini - mot. 840 - 1400 cm³                                |                                                                                     | 4136                                                                                                                                                                    | R230          | 4070                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525030                                                                            | S I H | RENAULT R 12 TL                                                                   | 525031                                                                              | 4476                                                                                                                                                                    | R280          | 525030                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525031                                                                            | S I H | RENAULT R 12 TL                                                                   |                                                                                     | 4476                                                                                                                                                                    | R280          | 525030                                                                              | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525032                                                                            | S I H | RENAULT R 20 TS - mot. 829                                                        | 525033                                                                              | 525032                                                                                                                                                                  | R274          | 4070                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525033                                                                            | S I H | RENAULT R 20 TS - mot. 829                                                        |                                                                                     | 525032                                                                                                                                                                  | R274          | 4070                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525034                                                                            | S I H | PEUGEOT 604 Suède - 6 cylindres                                                   |                                                                                     | 4498                                                                                                                                                                    | M79           | 525034                                                                              | 76                                                                                  | 63 ± 3                                                                              | 0,40 |     |
| 525035                                                                            | S I H | CHRYSLER 2L Suède                                                                 |                                                                                     | 525035                                                                                                                                                                  |               | 4287                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 |     |
| 525036                                                                            | S I H | RENAULT ZASTAVA                                                                   |                                                                                     | 4483                                                                                                                                                                    | R284          |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 20° |
| 525038                                                                            | S I H | SIMCA CHRYSLER 1100                                                               |                                                                                     | 525038                                                                                                                                                                  |               | 6605                                                                                | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525039                                                                            | S I H | MATRA                                                                             |                                                                                     | 525005                                                                                                                                                                  |               | 525005                                                                              | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525040                                                                            | S I H | SIMCA CHRYSLER 1100 Suède                                                         |                                                                                     | 4479                                                                                                                                                                    |               | 525040                                                                              | 55                                                                                  | 61 ± 3                                                                              | 0,45 | 0°  |
| 525041                                                                            | S I H | RENAULT - DAF 66 Suède - mot. 810-32                                              |                                                                                     | 4433                                                                                                                                                                    | R273          |                                                                                     | 57                                                                                  | 63 ± 3                                                                              | 0,35 | 0°  |
| 525044                                                                            | S I H | FIAT 128 Coupé USA                                                                |                                                                                     | 4480                                                                                                                                                                    |               | 525044                                                                              | 55                                                                                  | 61 ± 3                                                                              | 0,40 |     |
| 525046                                                                            | S I H | FIAT Spider X 1/9 USA sauf Californie                                             |                                                                                     | 4480                                                                                                                                                                    |               |                                                                                     | 55                                                                                  | 61 ± 3                                                                              | 0,40 |     |
| 525047                                                                            | S I H | FIAT 128 Version Californie                                                       |                                                                                     | 4480                                                                                                                                                                    |               | 525044                                                                              | 55                                                                                  | 61 ± 3                                                                              | 0,40 |     |
| 525050                                                                            | S I H | RENAULT R 17 Injection - mot. 843-12                                              | 525051                                                                              | 4298                                                                                                                                                                    | R258          | 4231                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |
| 525051                                                                            | S I H | RENAULT R 17 Injection - mot. 843-12                                              |                                                                                     | 4298                                                                                                                                                                    | R258          | 4231                                                                                | 57                                                                                  | 63 ± 3                                                                              | 0,40 | 0°  |

[illegible]



## Français

### Clé de réglage DUCELLIER

Notre clé, référence 18 797, est l'outil spécialement conçu pour tous réglages de précision des allumeurs à contacts auto-nettoyants DUCELLIER.

- A - Réglage de la courbe à dépression.
- B - Réglage des contacts.
- C - Réglage de l'amplitude de la dépression et du partage des Dwells.
- D - Déblocage et blocage de la vis support de contacts.

## Deutsch

### DUCELLIER-Einstellschlüssel

Unser Schlüssel, Kennnummer 18 797, ist ein für alle genauen Einstellungen an DUCELLIER-Zündvorrichtungen mit selbstreinigenden Kontakten speziell ausgelegtes Werkstück.

- A - Einstellung der Unterdruckkurve
- B - Einstellung der Kontakte
- C - Einstellung der Unterdruckamplitude und des Unterbrecherschliessverhältnisses
- D - Aufschrauben und Festziehen der Zündkontaktbefestigungsschraube.

## Espanol

### Llave de reglaje DUCELLIER

Nuestra llave, referencia 18 797, es una herramienta concebida especialmente para todos los reglajes de precisión de los encendedores de contactos auto-limpiantes DUCELLIER.

- A - Reglaje de la curva de depresión
- B - Reglaje de los contactos
- C - Reglaje de la amplitud de la depresión y del reparto de los Dwells
- D - Desbloqueo y bloqueo del tornillo soporte de los contactos.

## Português

### Chave de regulagem DUCELLIER

A nossa chave, referência 18 797, é a ferramenta especialmente concebida para todas as regulagens de precisão das ignições auto-limpadoras DUCELLIER.

- A - Regulagem da curva de depressão
- B - Regulagem dos contactos
- C - Regulagem da amplitude da depressão e da divisão dos Dwells
- D - Desbloqueio e bloqueio do parafuso suporte de contactos.

## English

### DUCELLIER adjusting spanner

Our wrench, reference 18.797, is specially designed for all precision adjustments of DUCELLIER self-cleaning contact ignition distributors.

- A - Vacuum curve adjustment
- B - Contact adjustment
- C - Vacuum amplitude and cam dwell partition adjustment
- D - Unlocking and locking of contact support screw.

## Italiano

### Chiave di regolaggio DUCELLIER

La nostra chiave, riferimento 18 797 è l'utensile specialmente concepito per tutti i regolaggi di precisione degli spinterogeni a contatti autopulitori DUCELLIER.

- A - Regolaggio della curva a depressione
- B - Regolaggio dei contatti
- C - Regolaggio dell'ampiezza della depressione e della distribuzione degli Dwells
- D - Sbloccaggio e bloccaggio della vite supporto di contatti.

## Svensk

### DUCELLIER justernyckel

Vår nyckel — beteckning 18 797 — är speciellt avsedd för all precisionsjustering av DUCELLIER självrengörande kontaktändare.

- A - Justering av undertryckskurvan
- B - Justering av kontaktarna
- C - Justering av undertrycksamplituden och dwell-fördelningen
- D - Upplåsning och låsning av kontaktstödskraven.

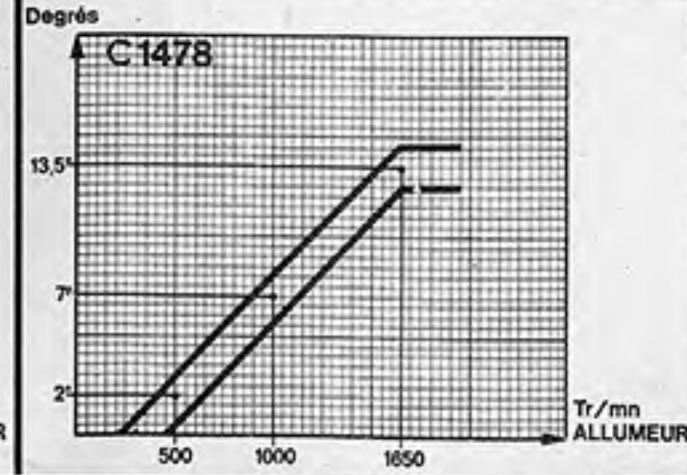
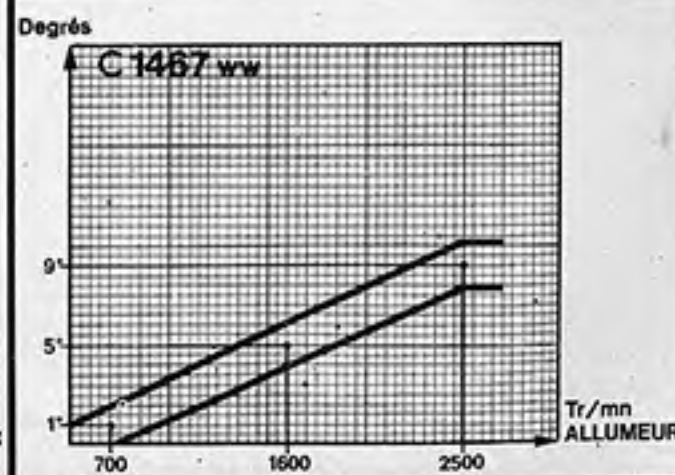
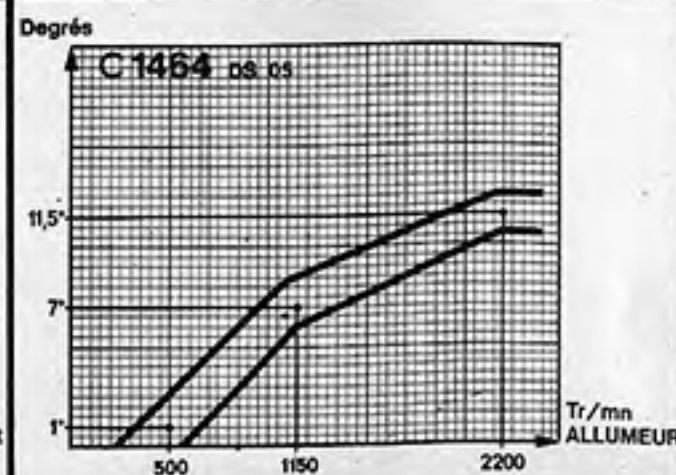
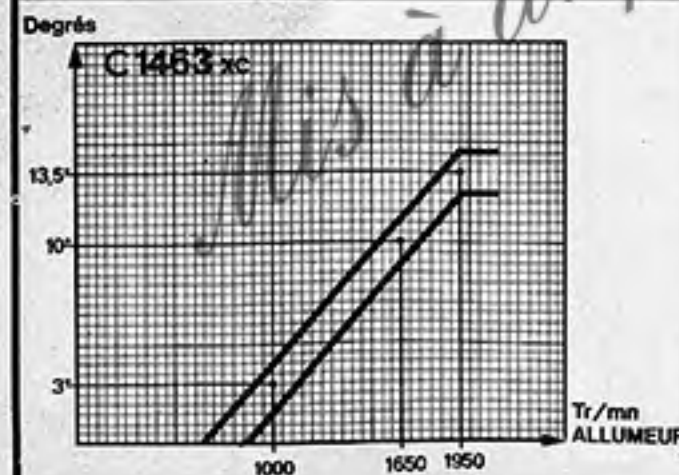
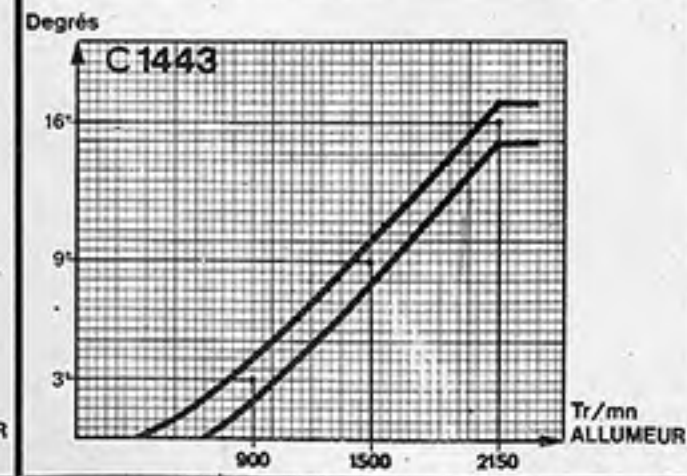
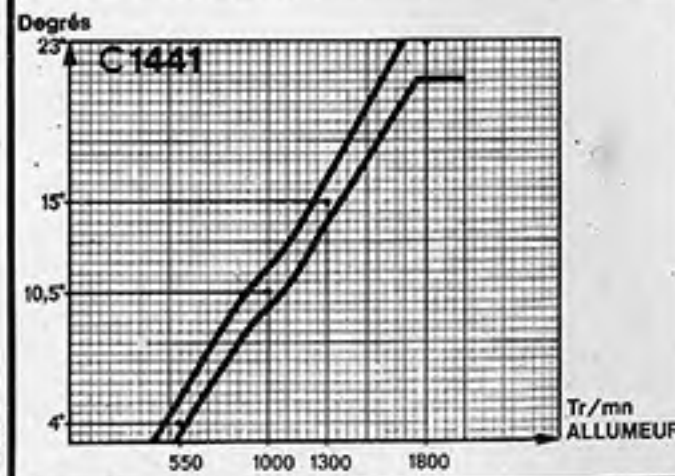
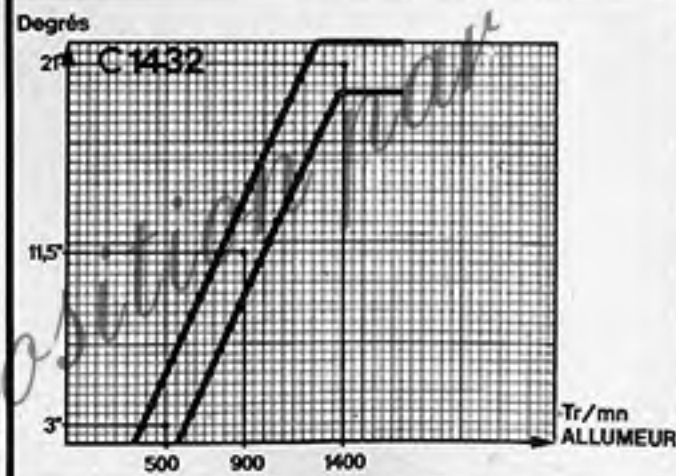
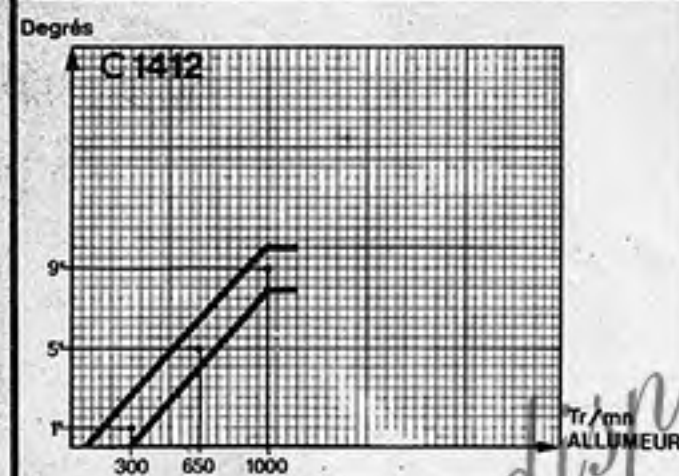
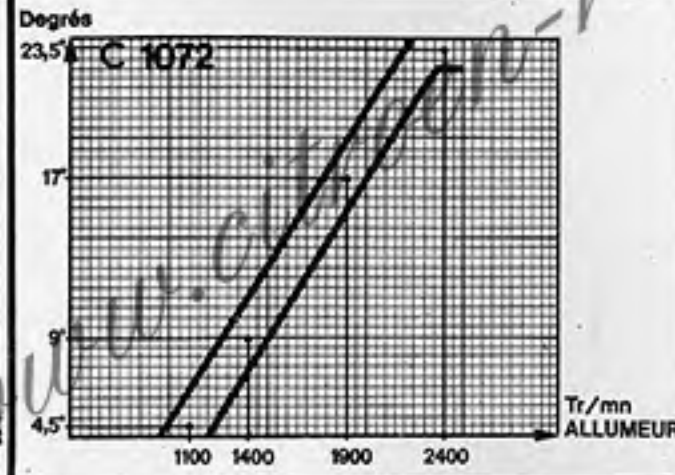
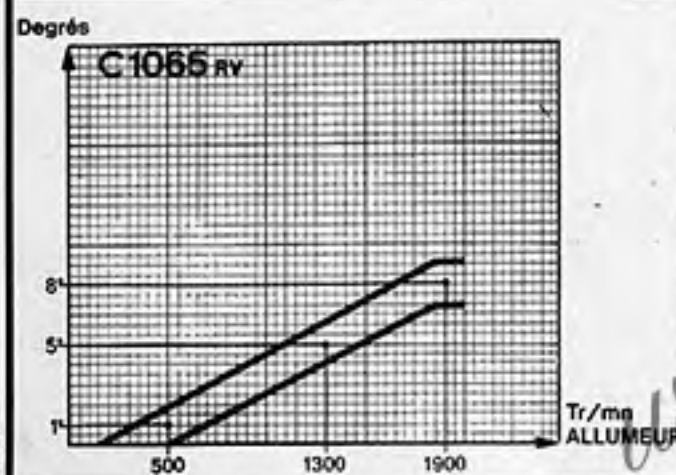
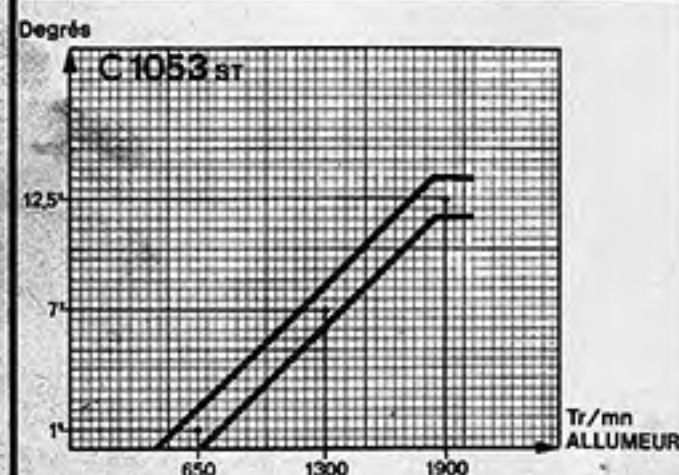
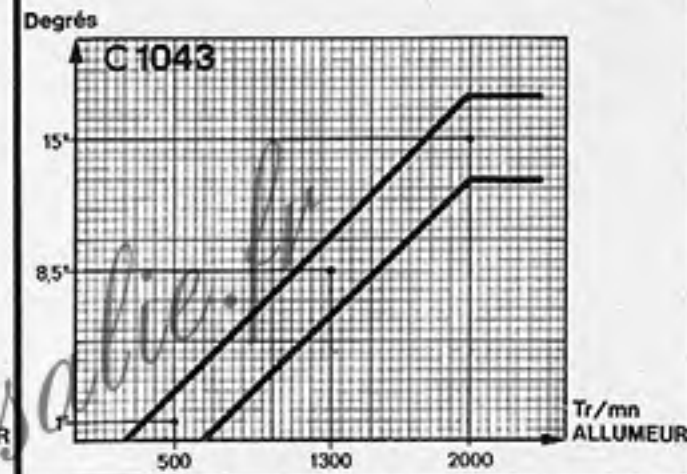
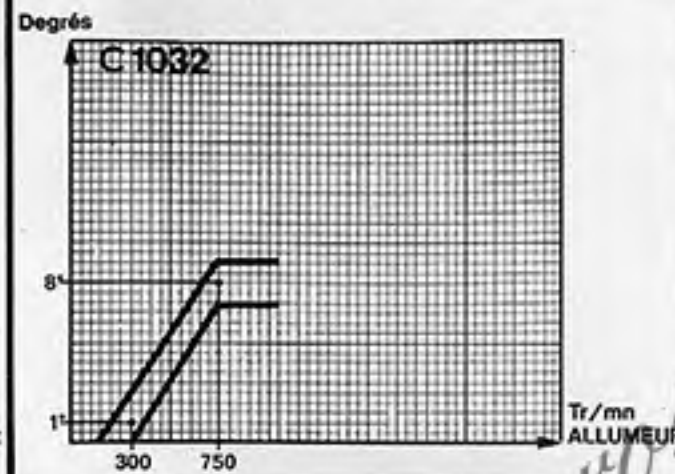
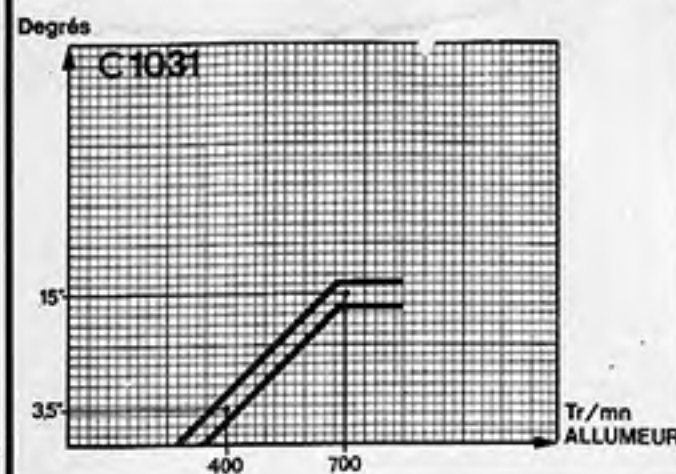
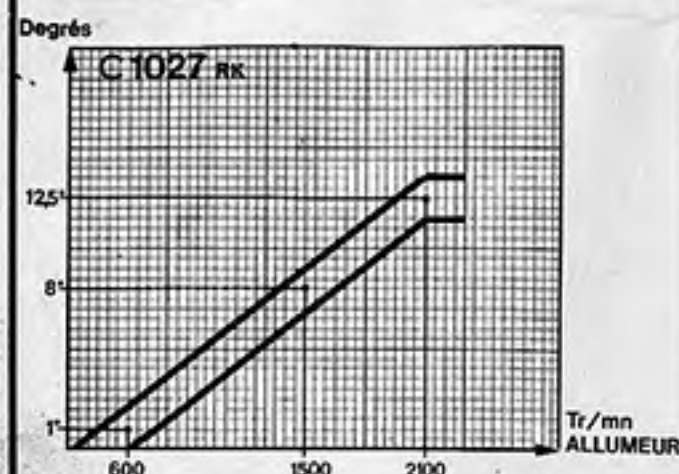
## Nederlands

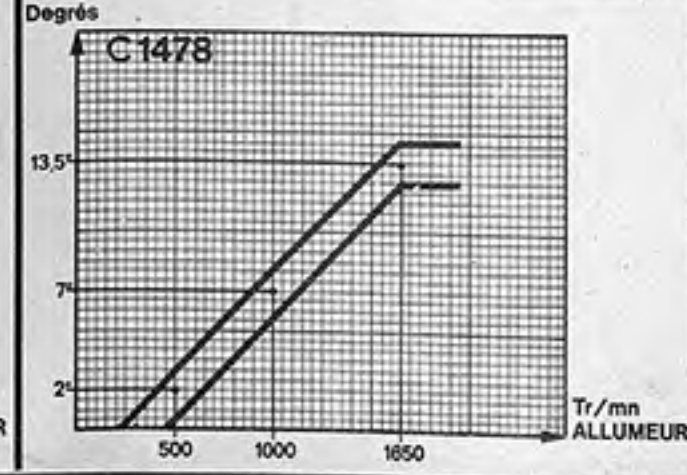
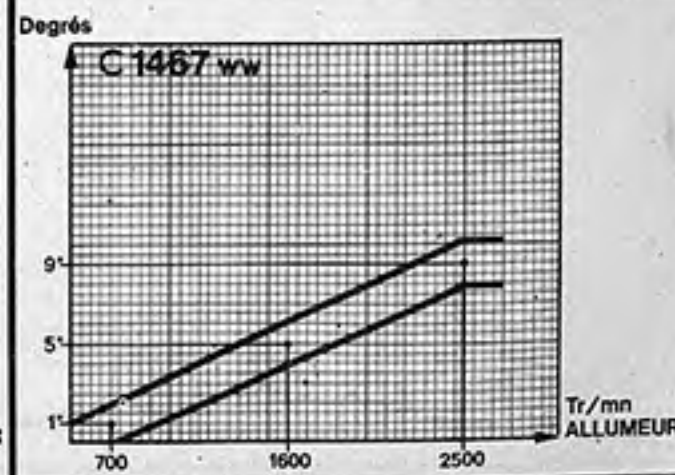
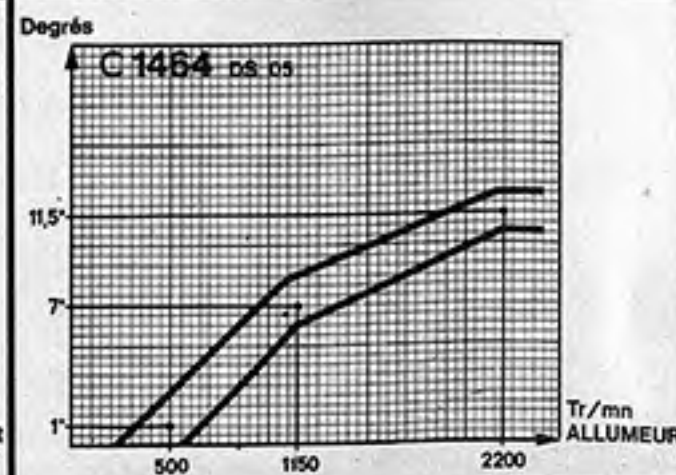
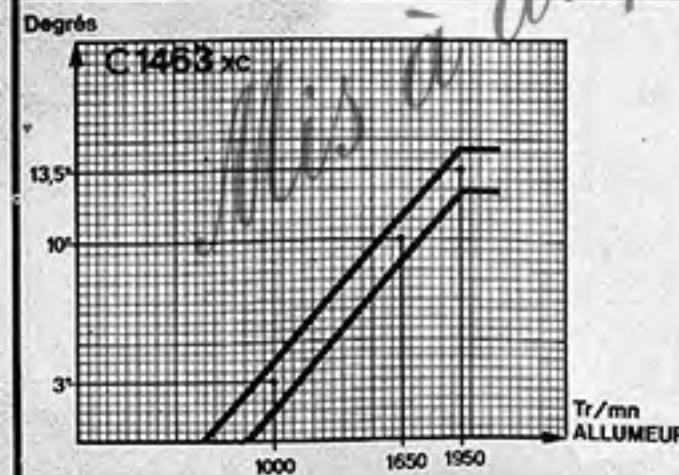
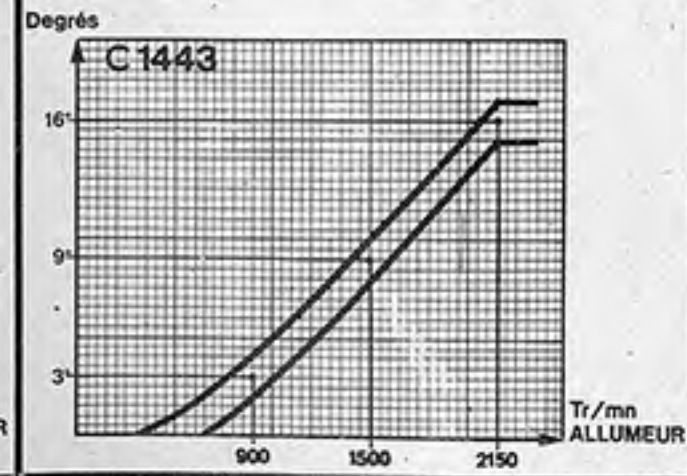
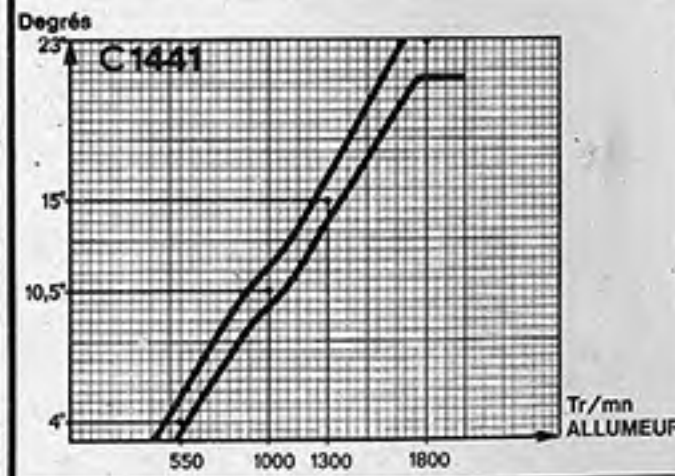
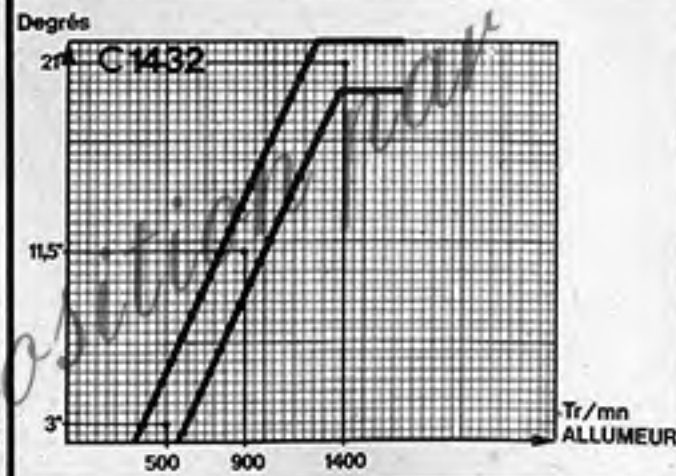
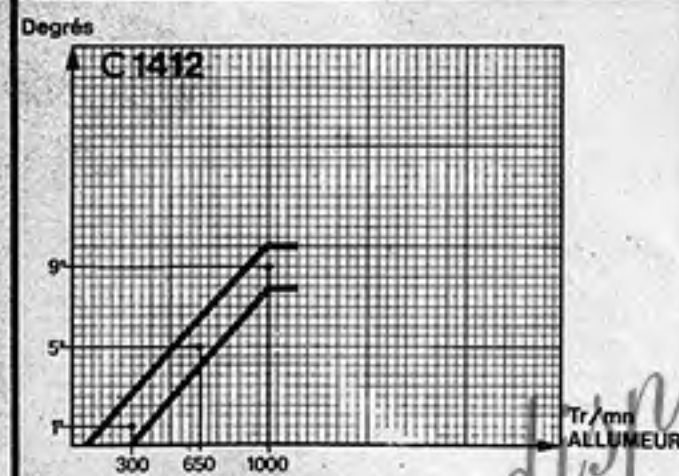
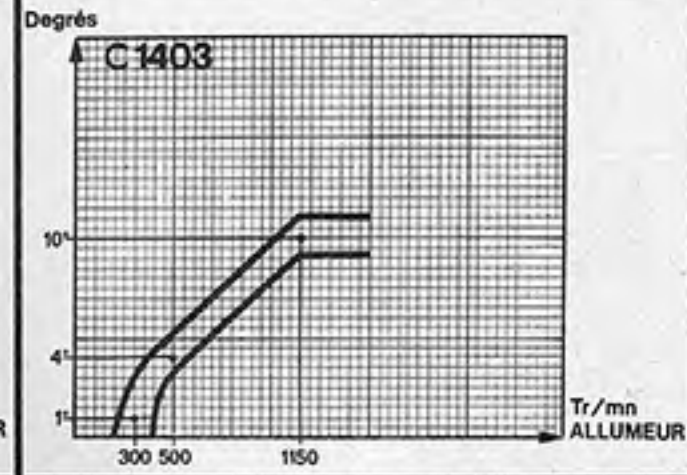
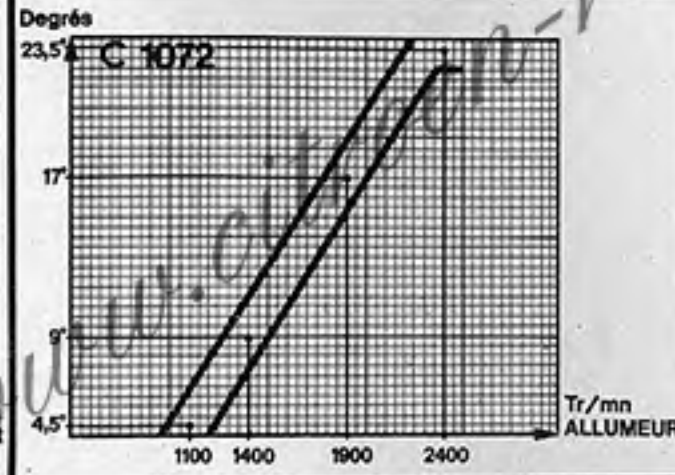
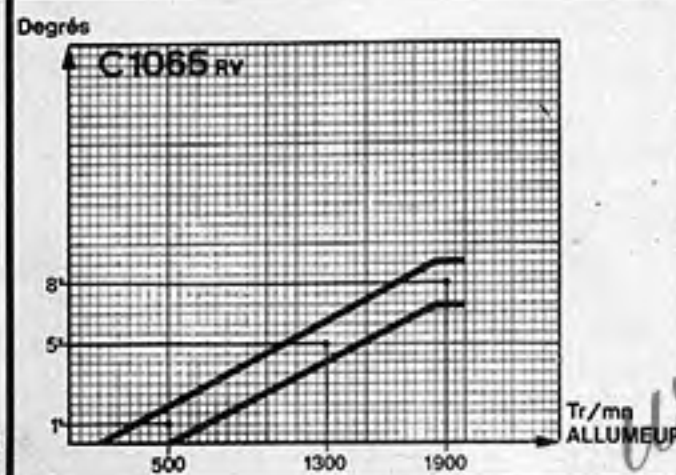
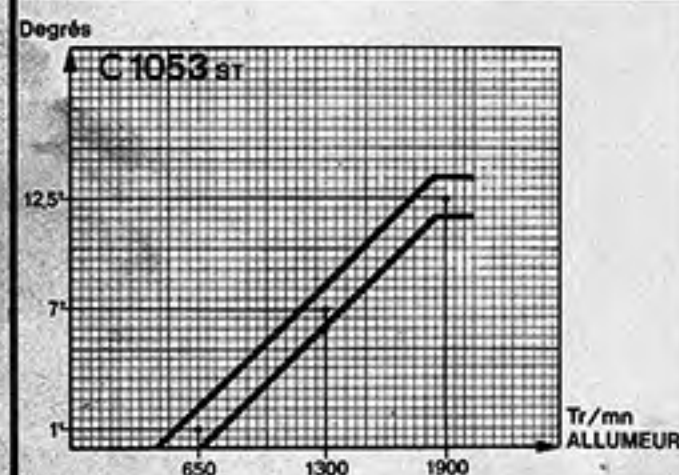
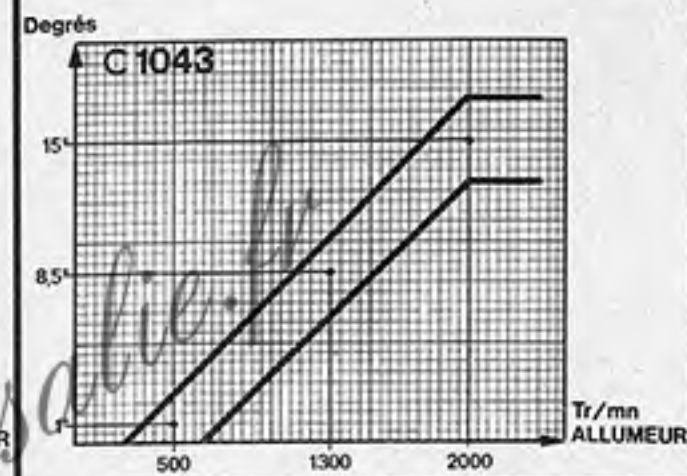
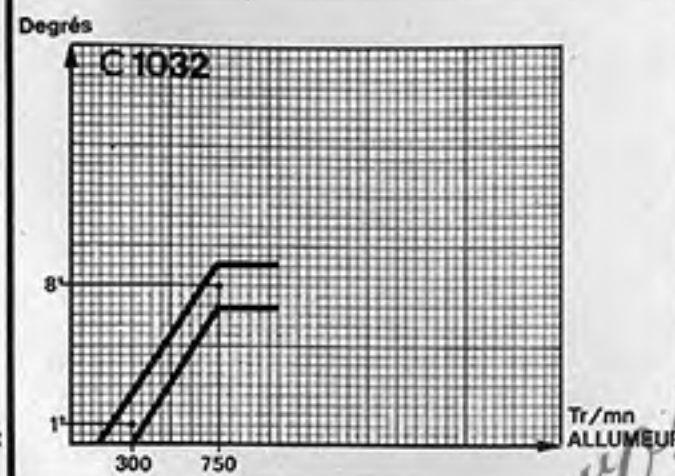
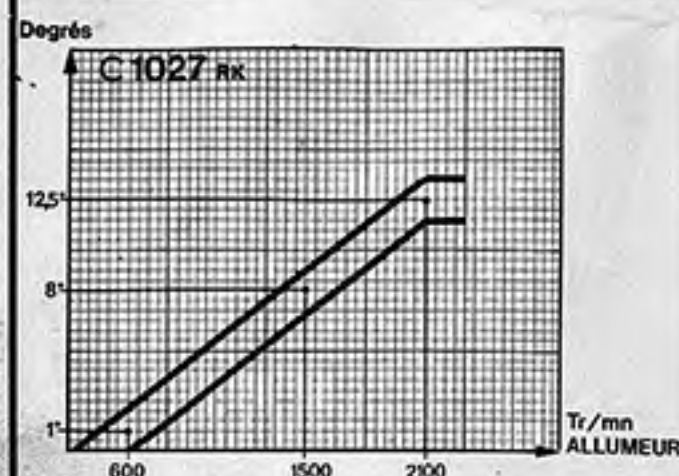
### DUCELLIER afstellingssleutel

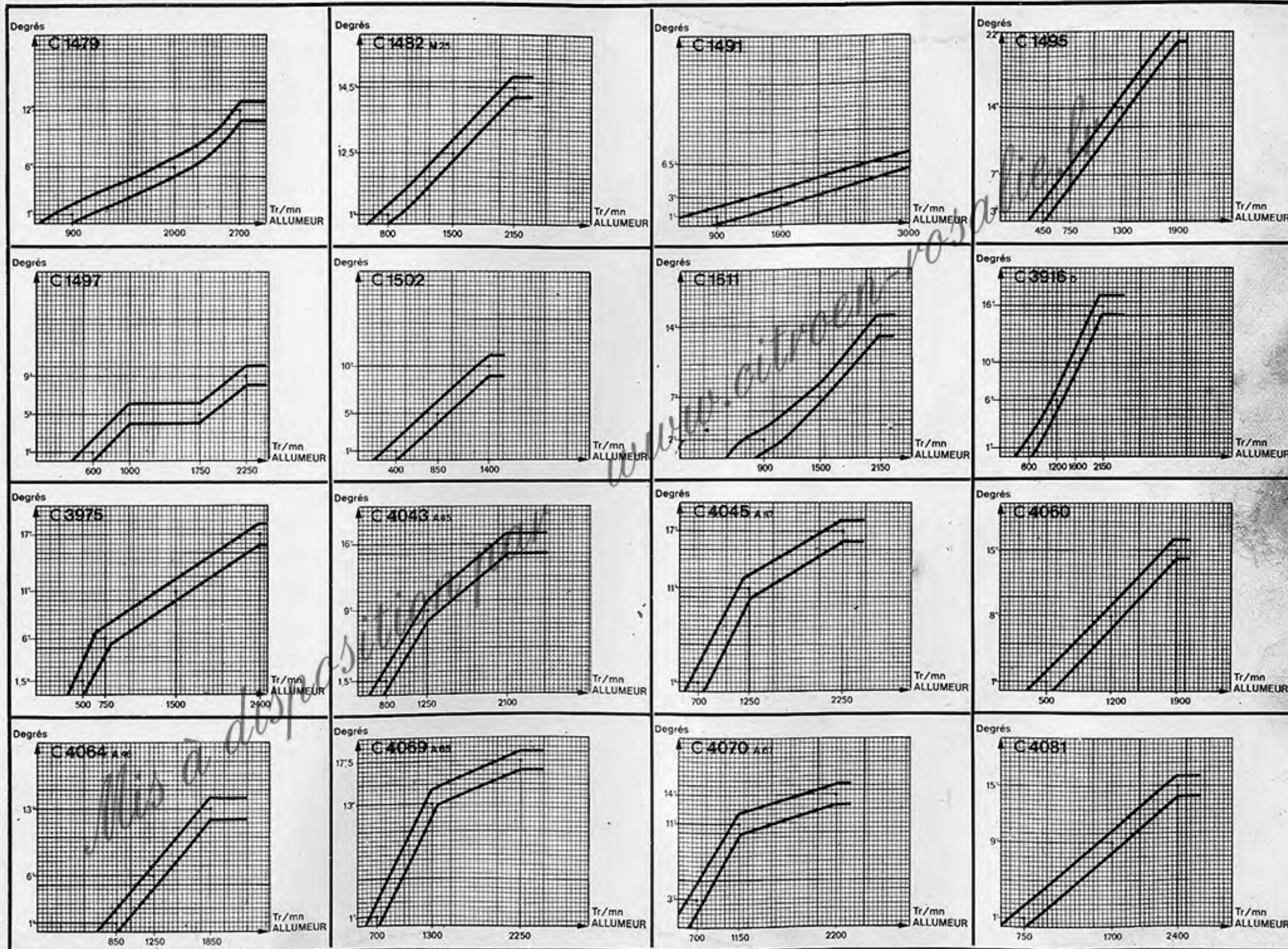
Onze sleutel best. nr. 18 797 is speciaal ontworpen voor alle precisie afstelwerkzaamheden op zelfreinigende DUCELLIER contact ontstekers.

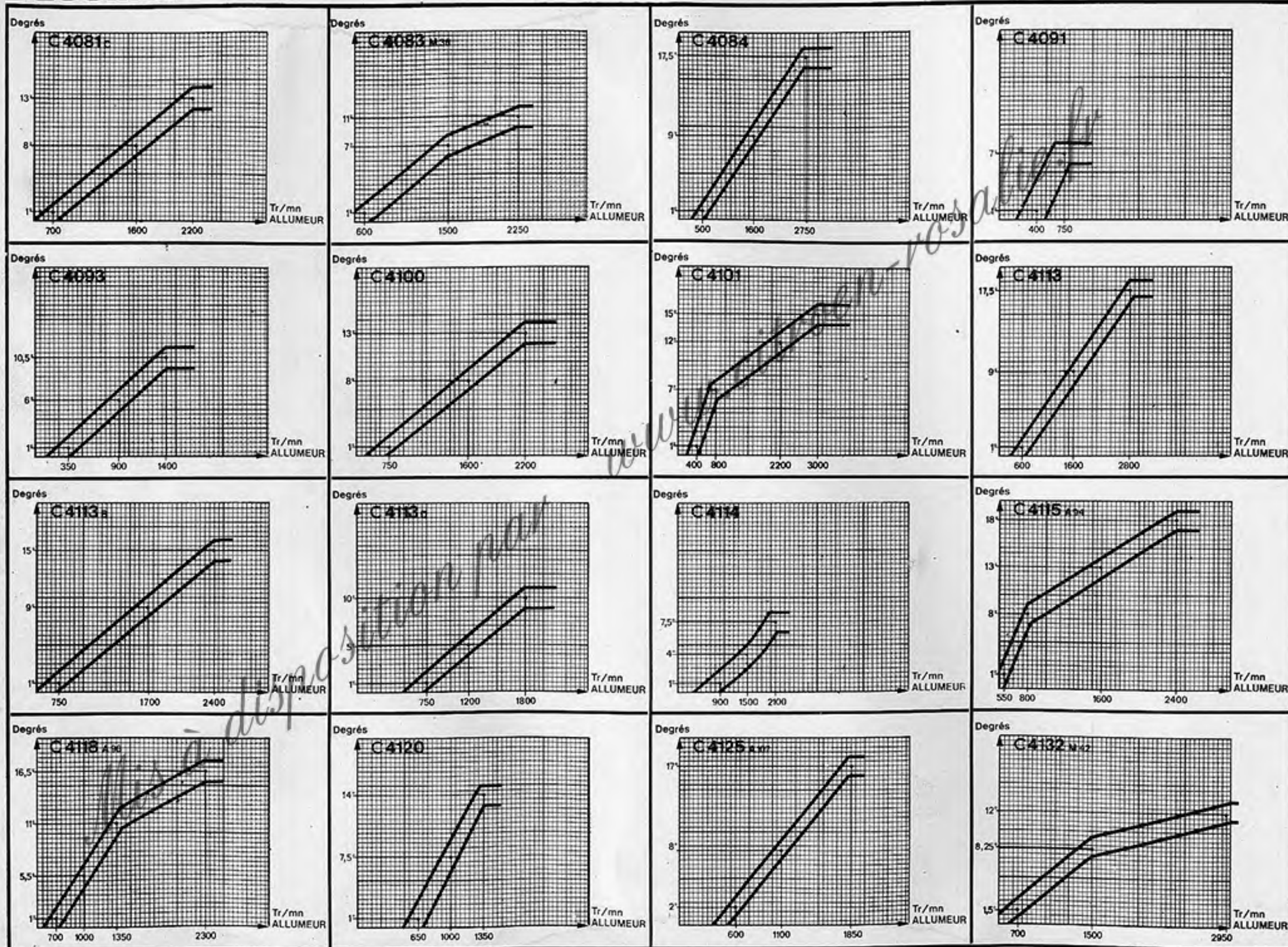
- A - Afstelling van de onderdrukkromme
- B - Afstelling kontakten
- C - Afstelling van de onderdruk en Dwells verdeling
- D - Vast- en losschoeven van de contact stelschroeven.

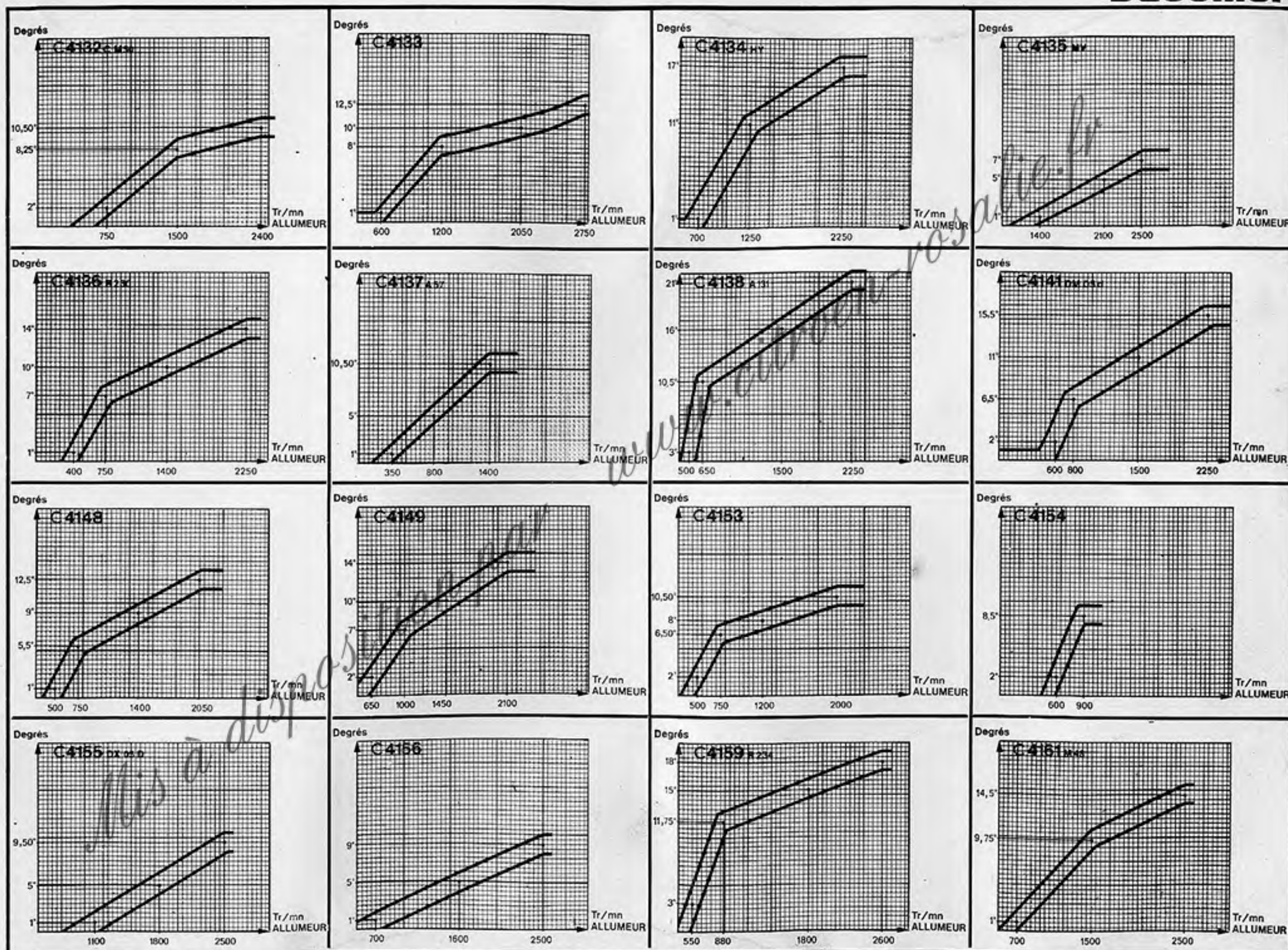
# Ducellier



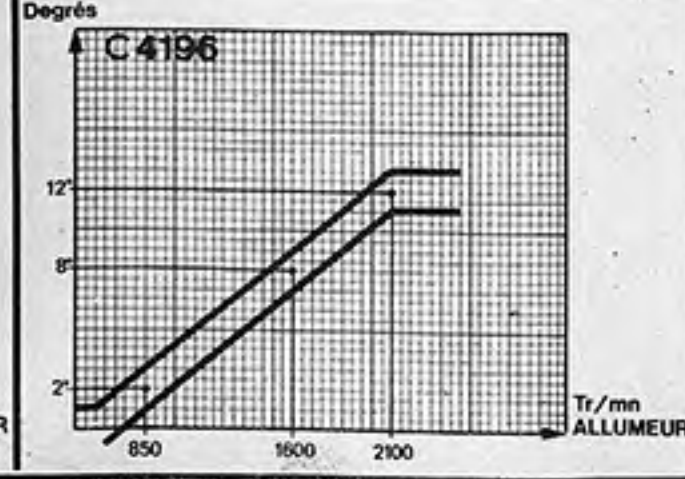
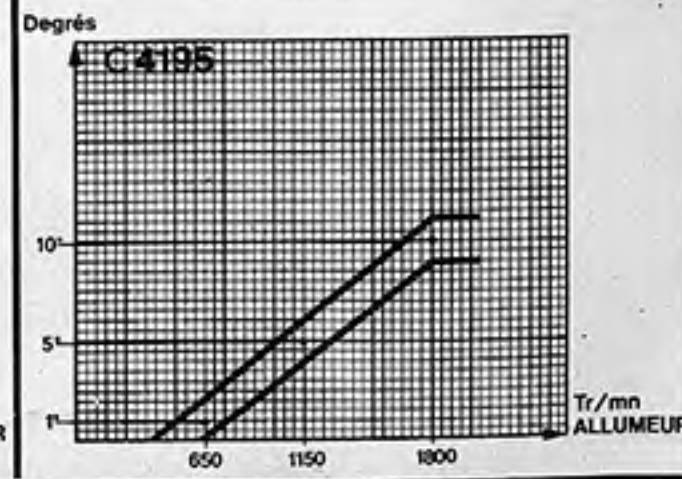
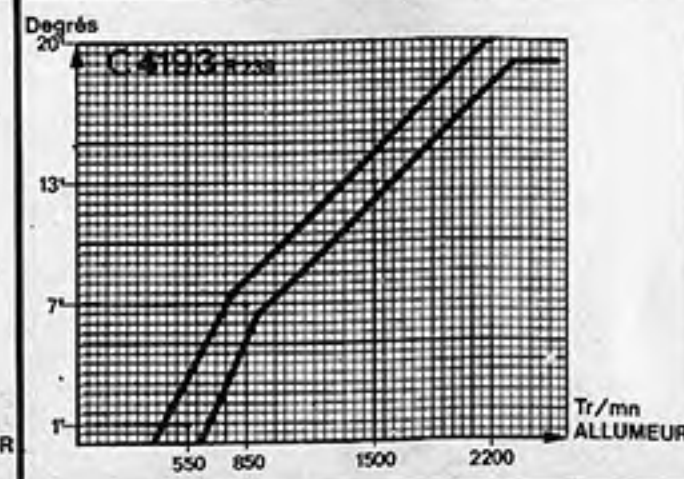
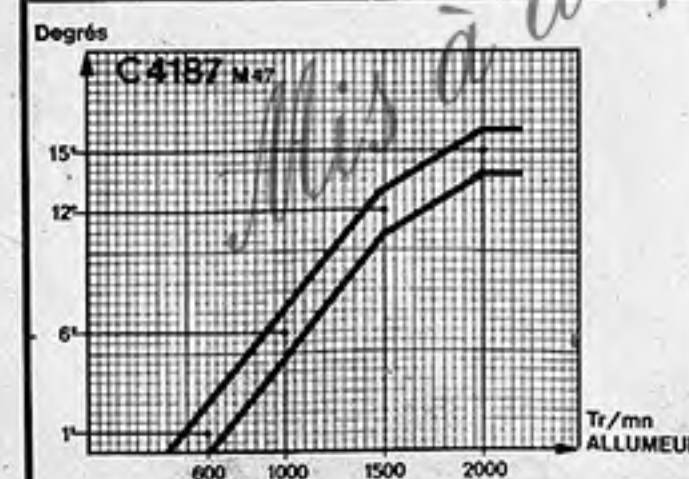
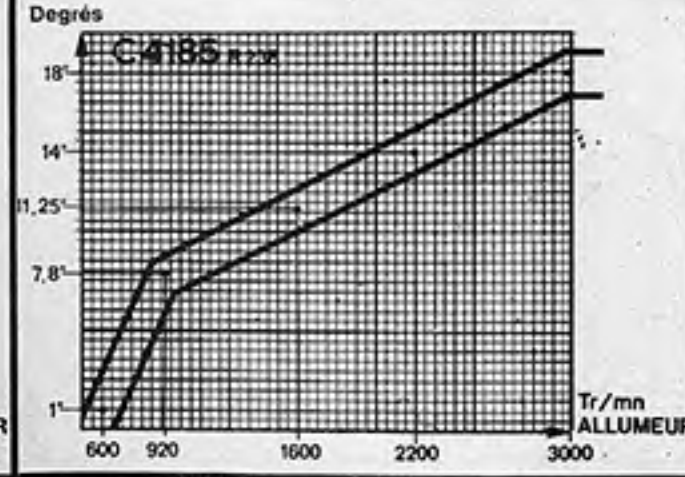
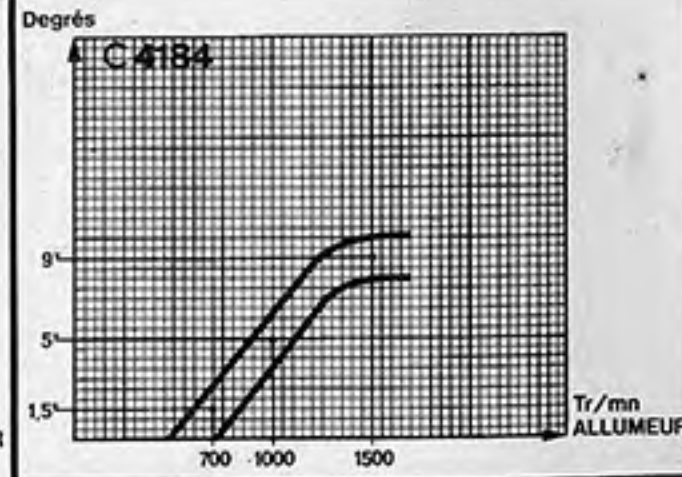
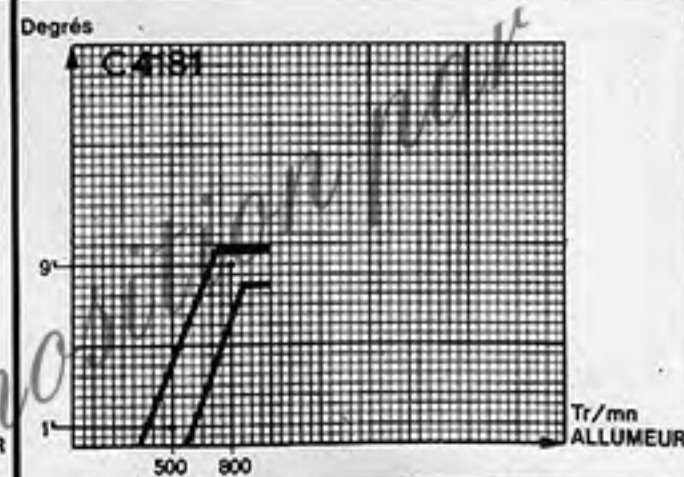
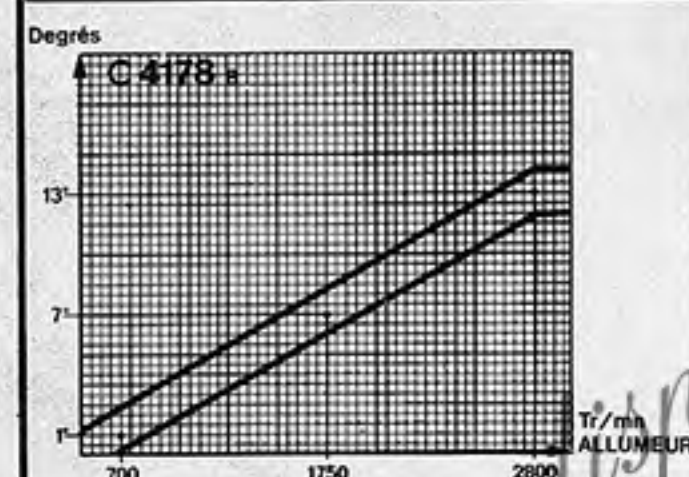
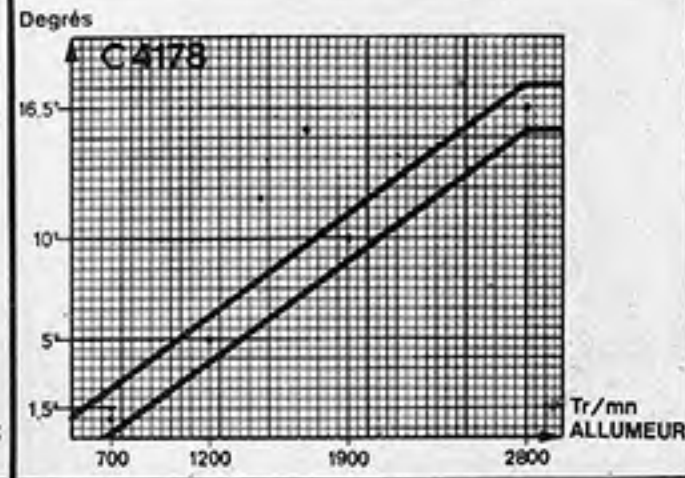
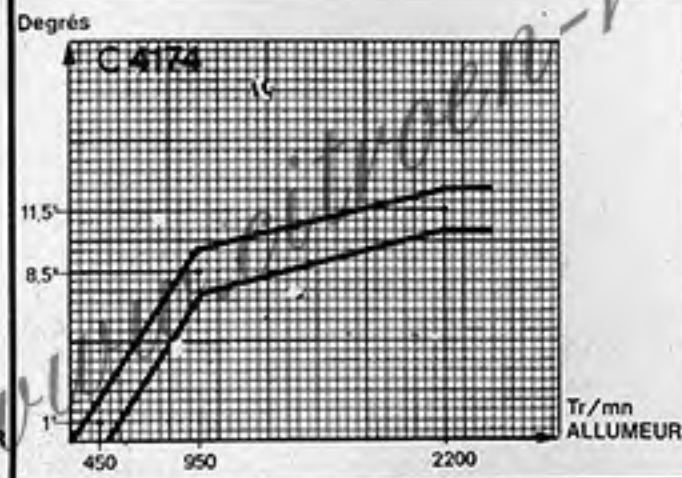
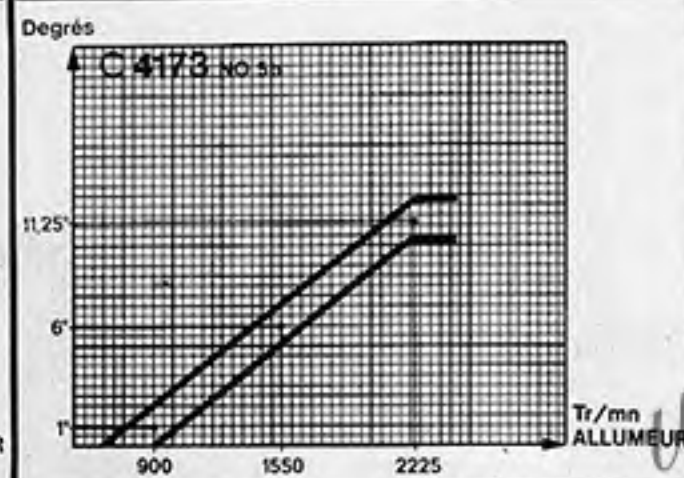
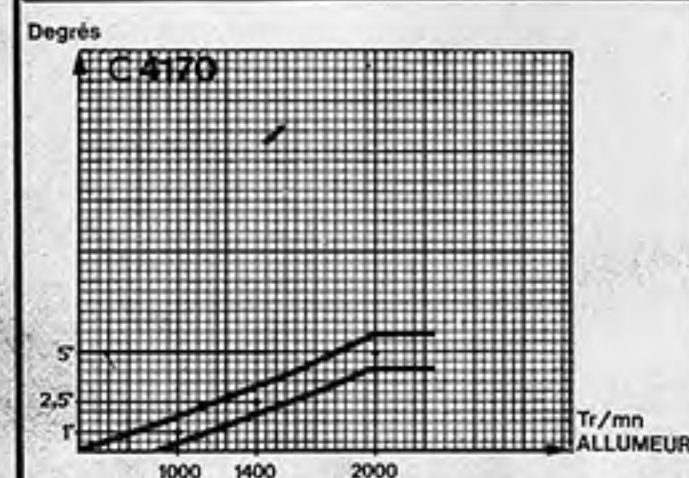
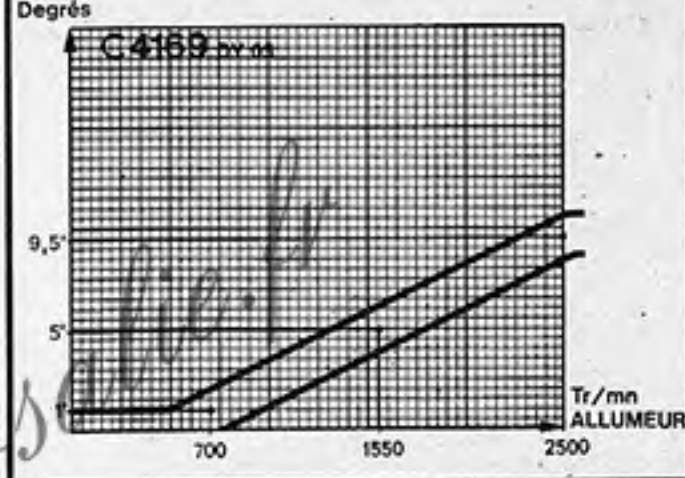
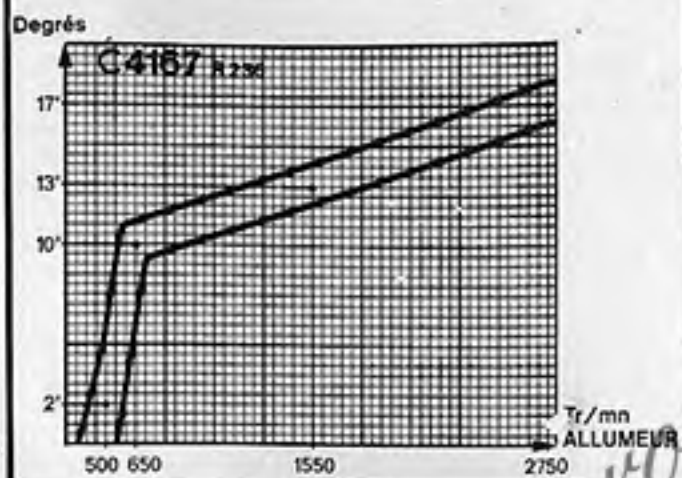
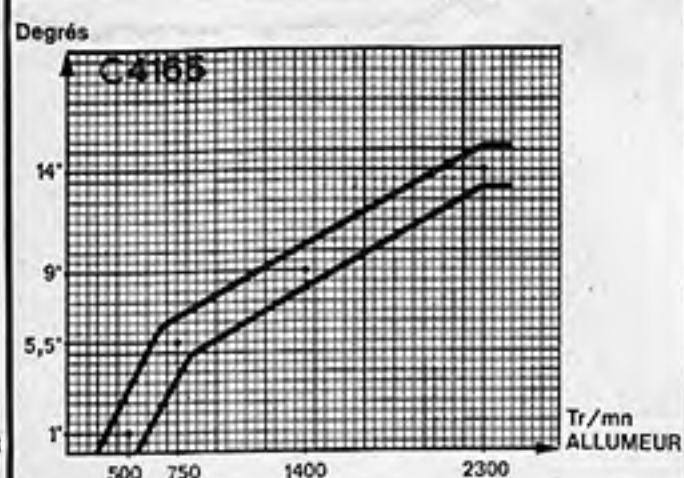
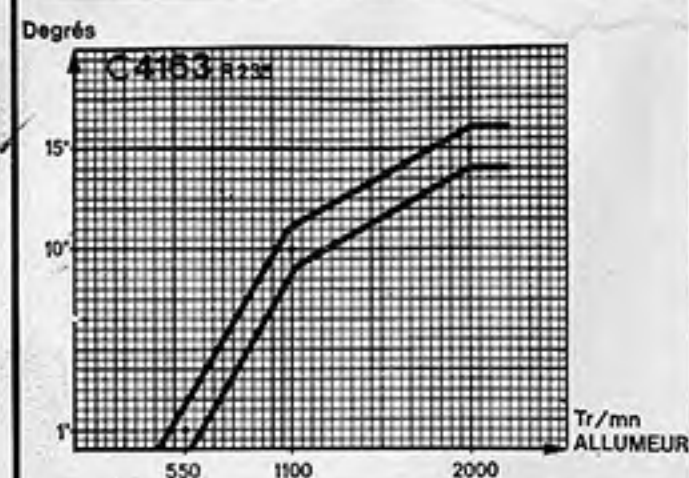


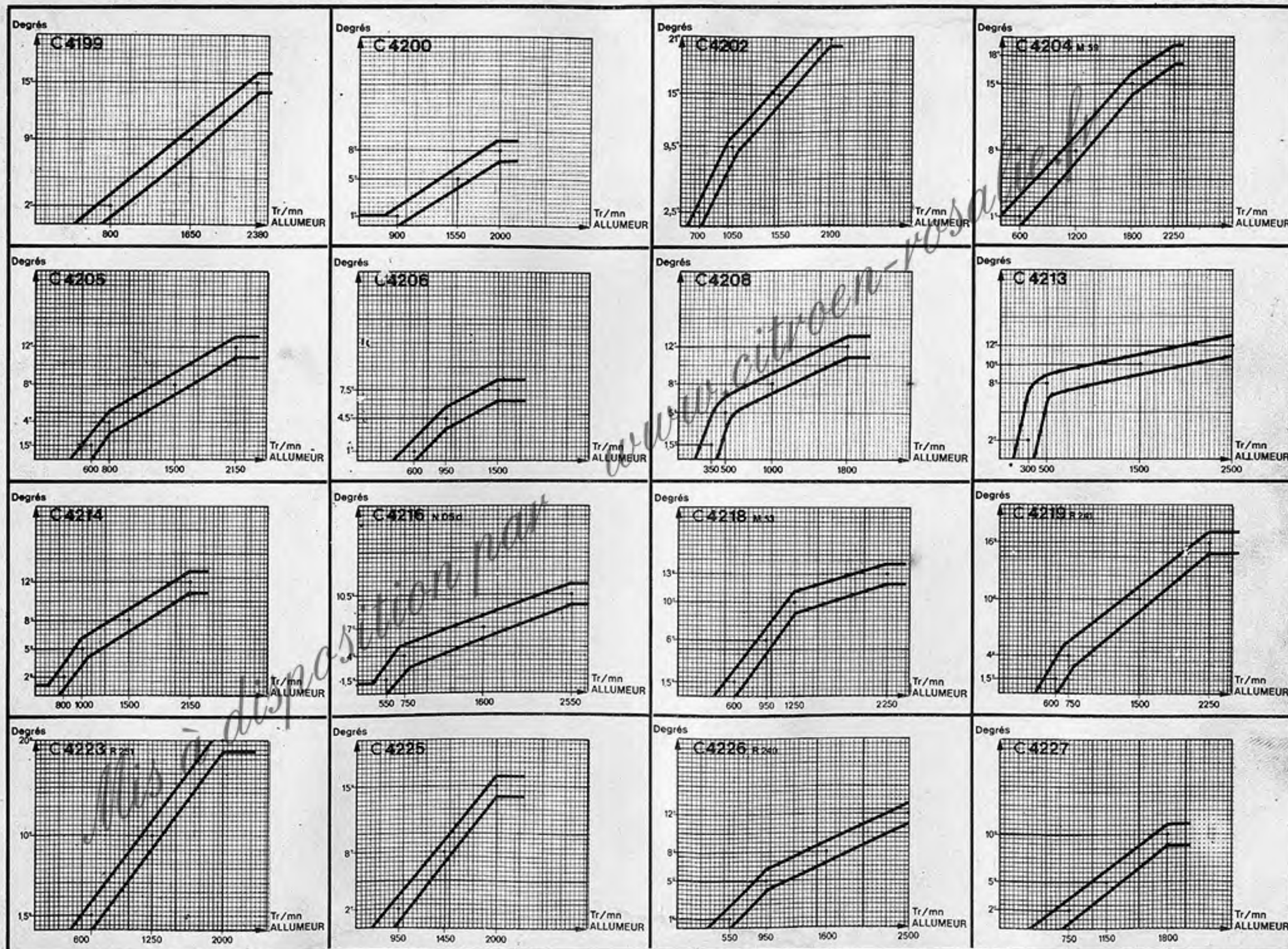




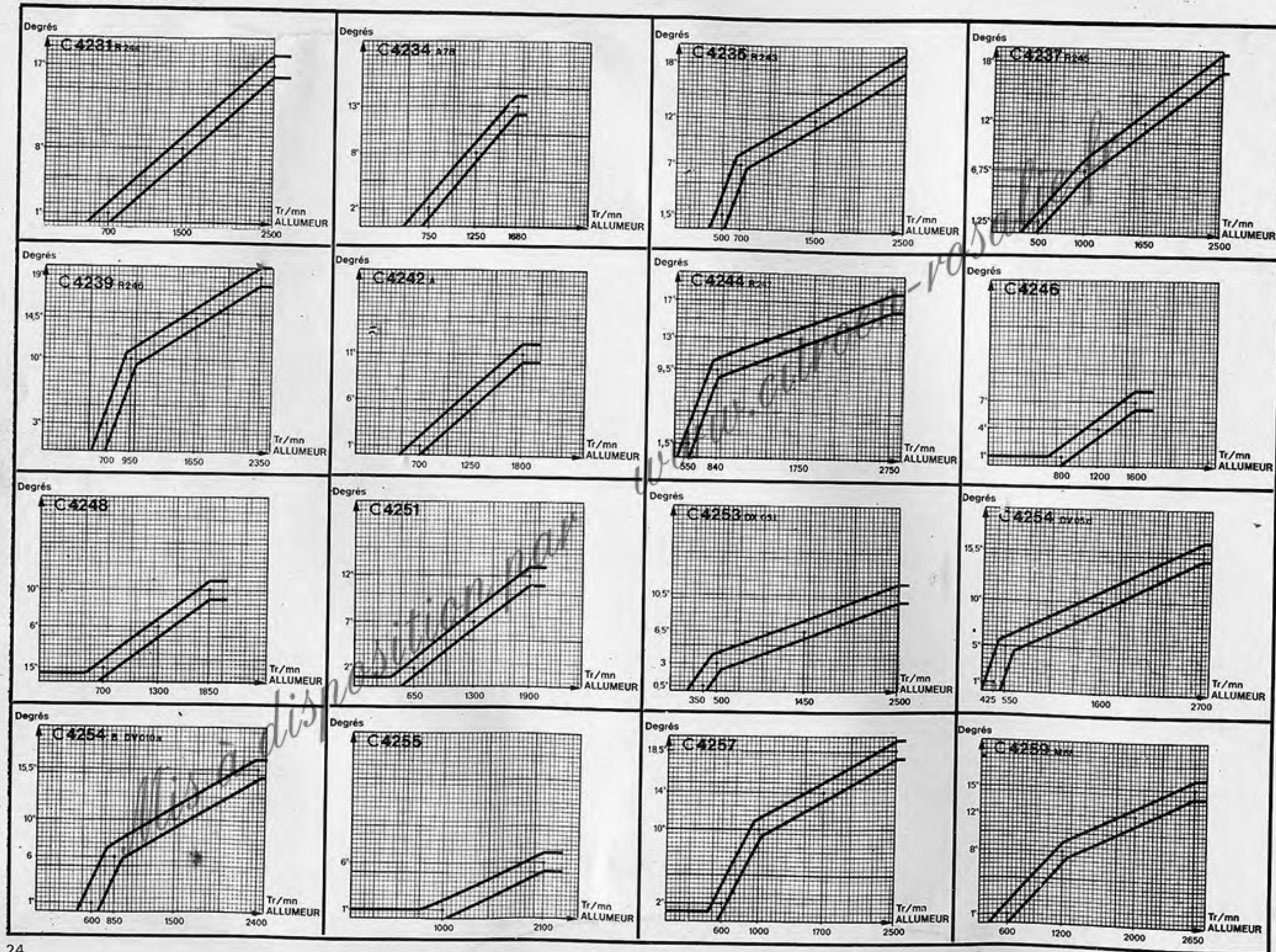


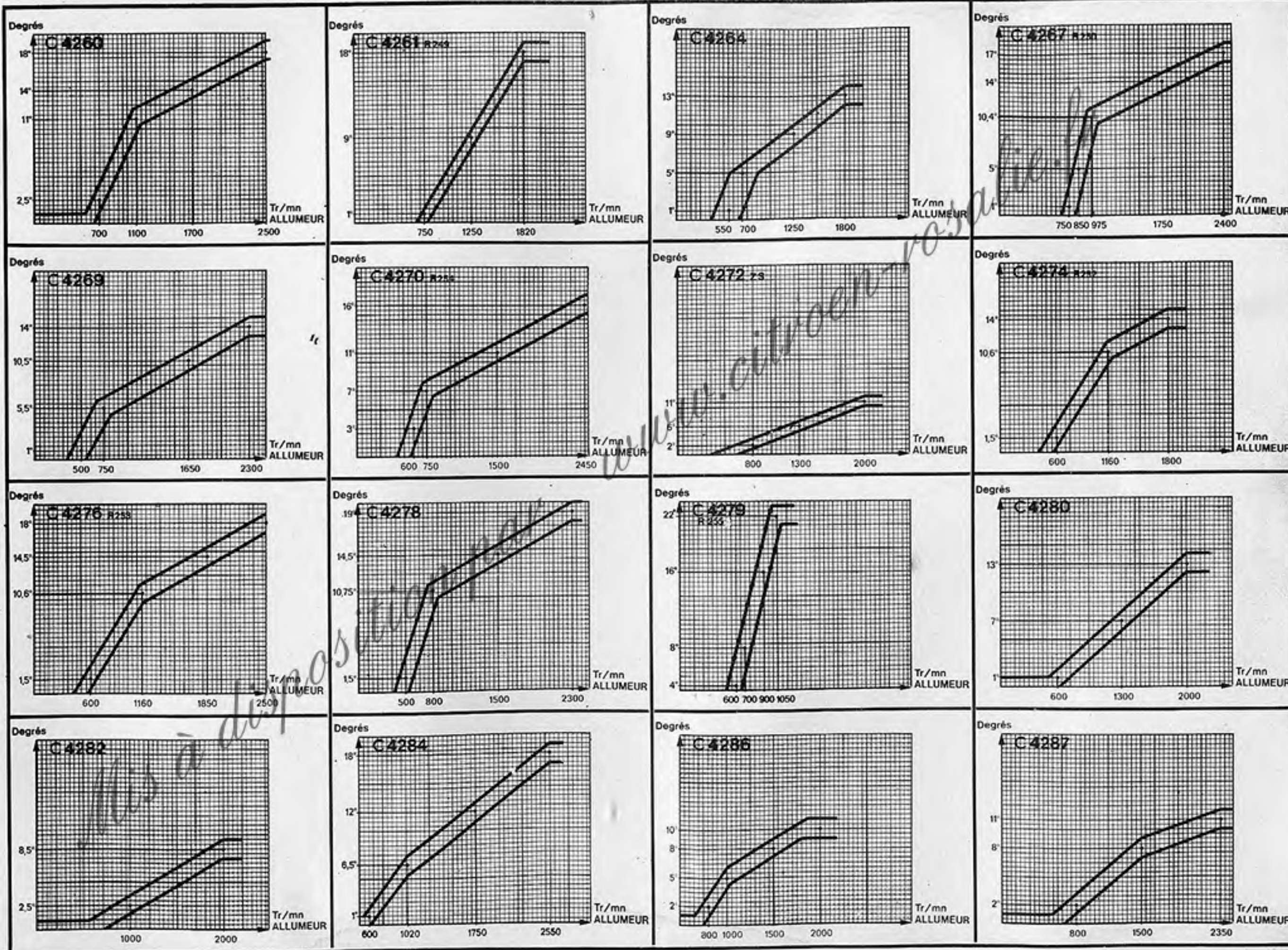
# Ducellier



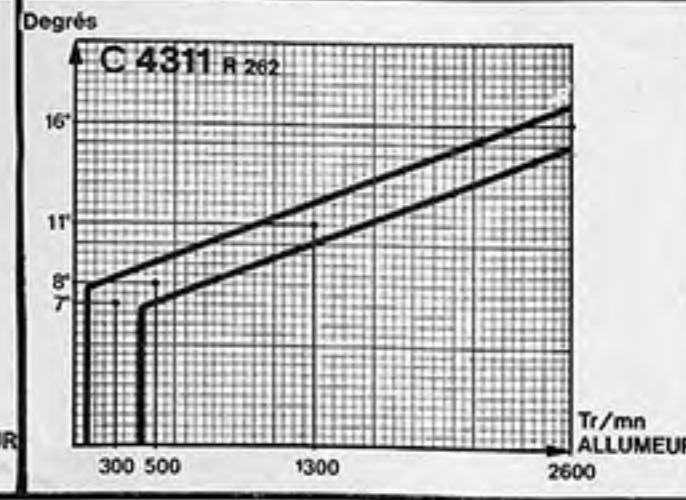
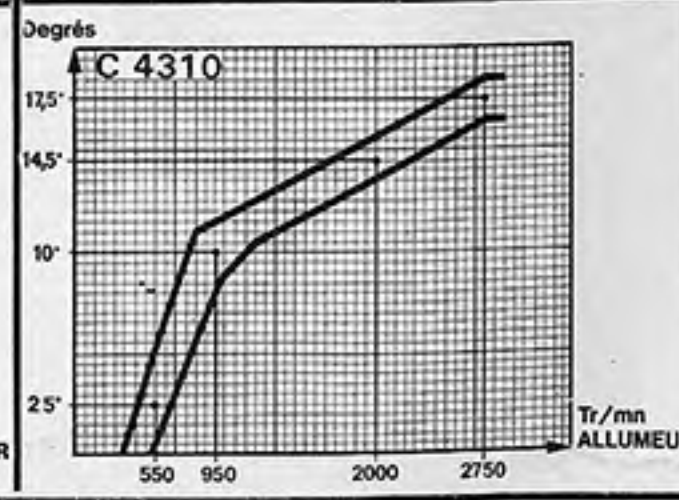
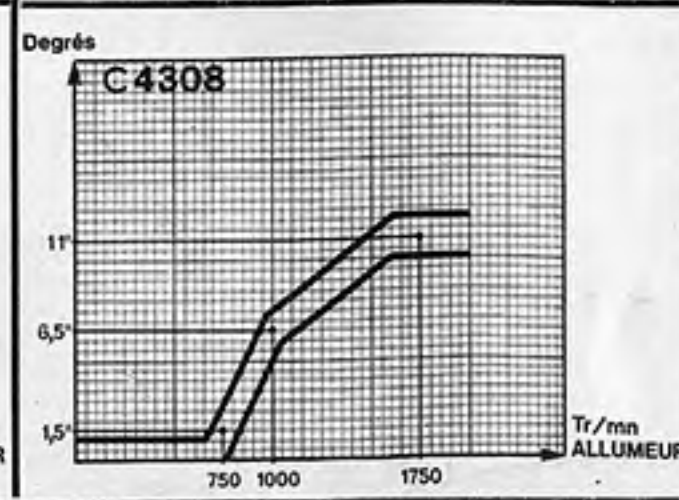
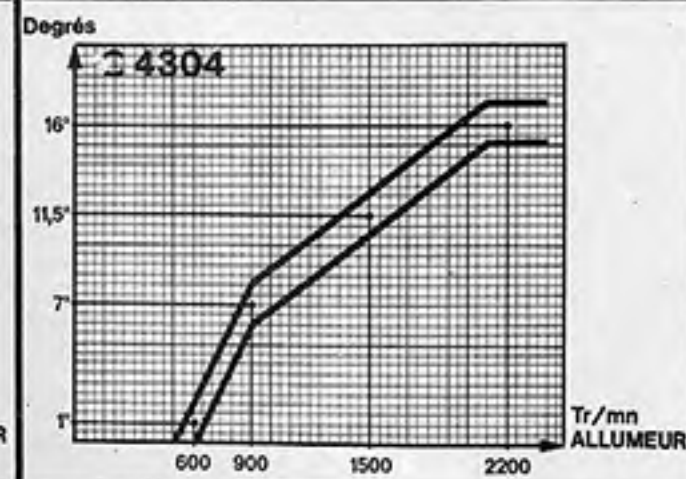
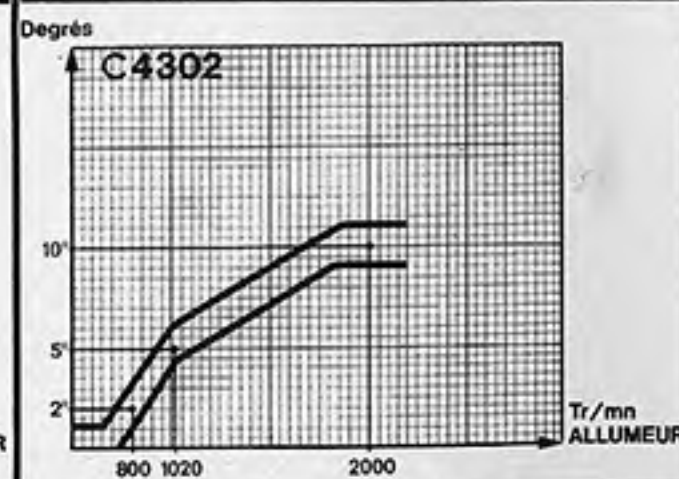
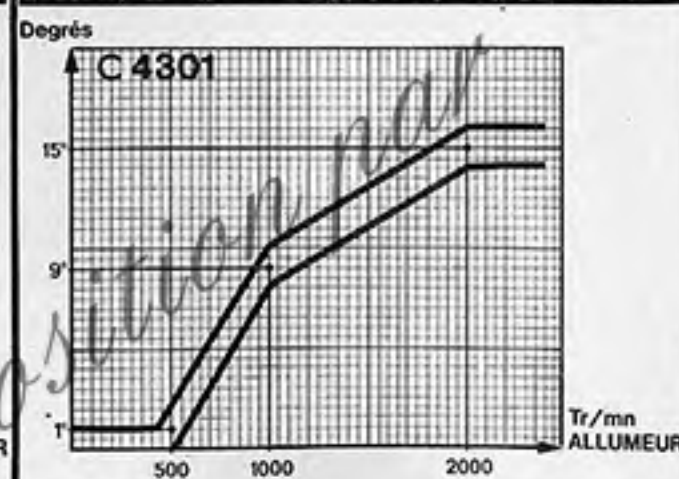
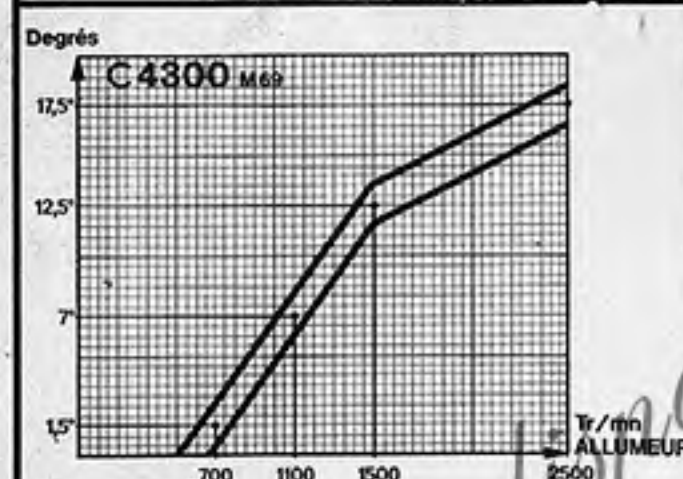
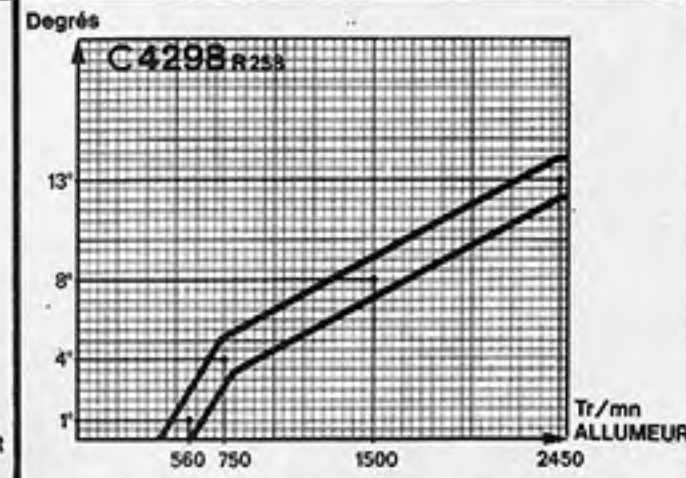
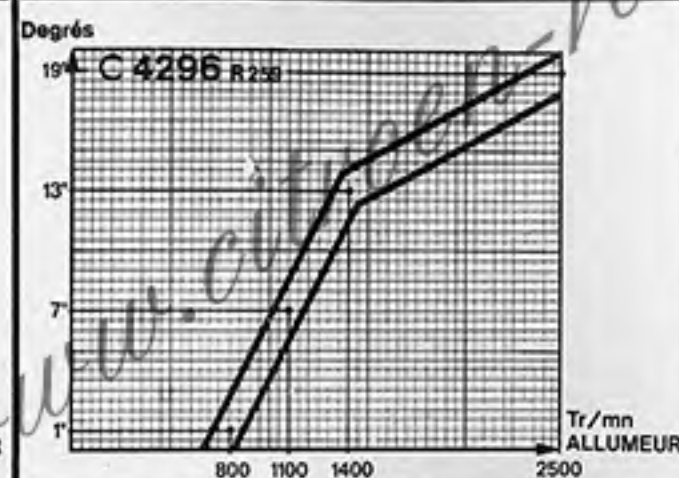
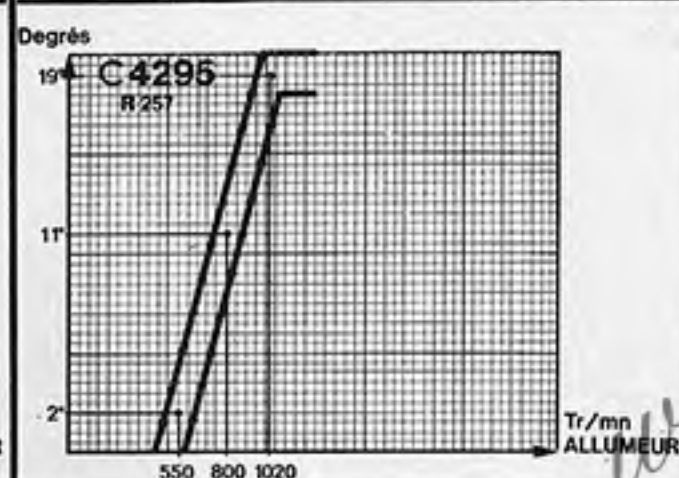
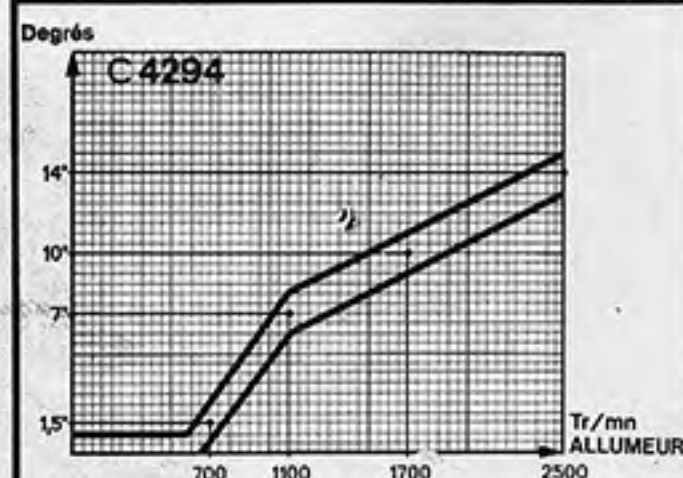
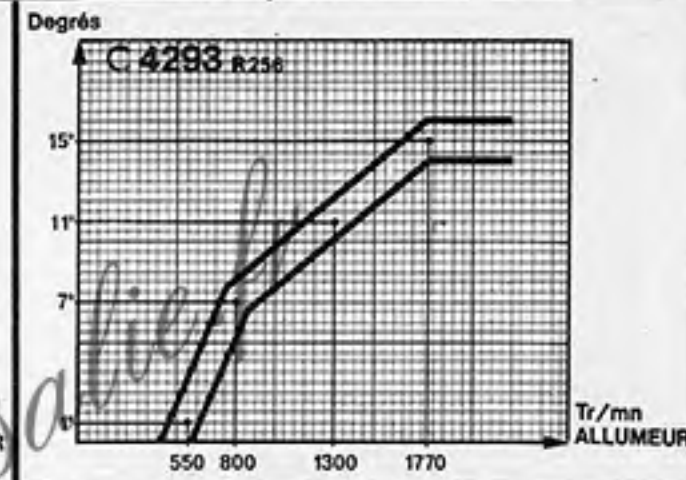
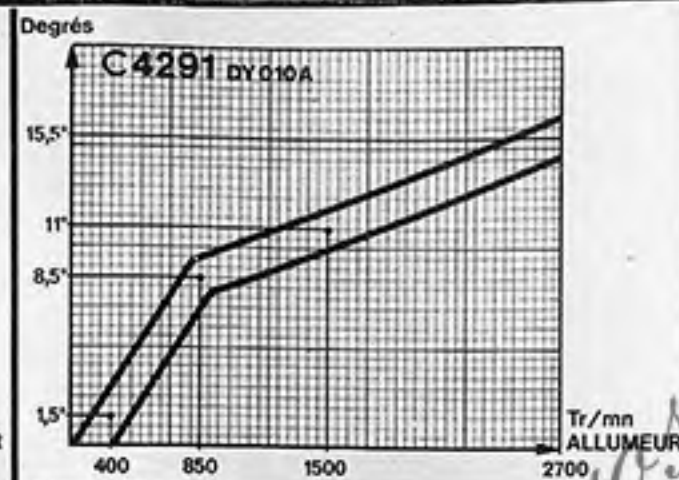
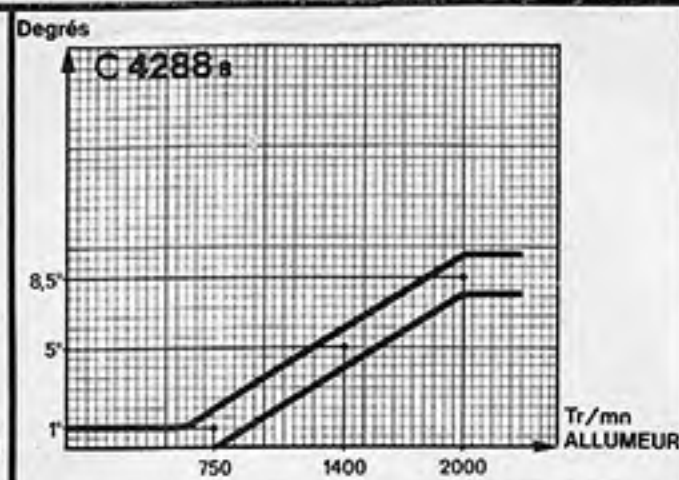
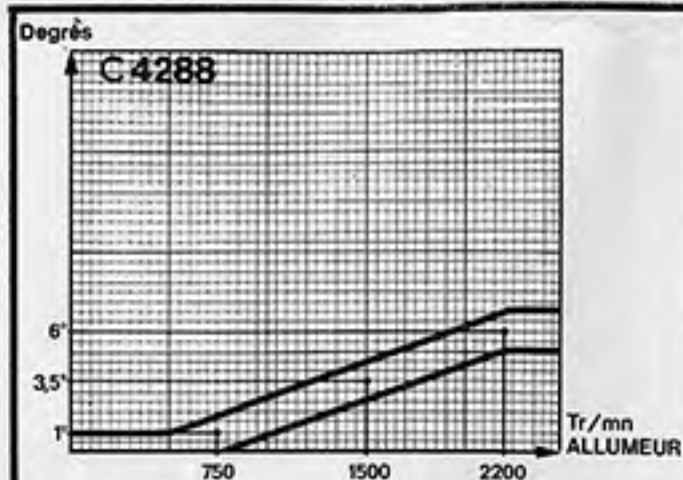


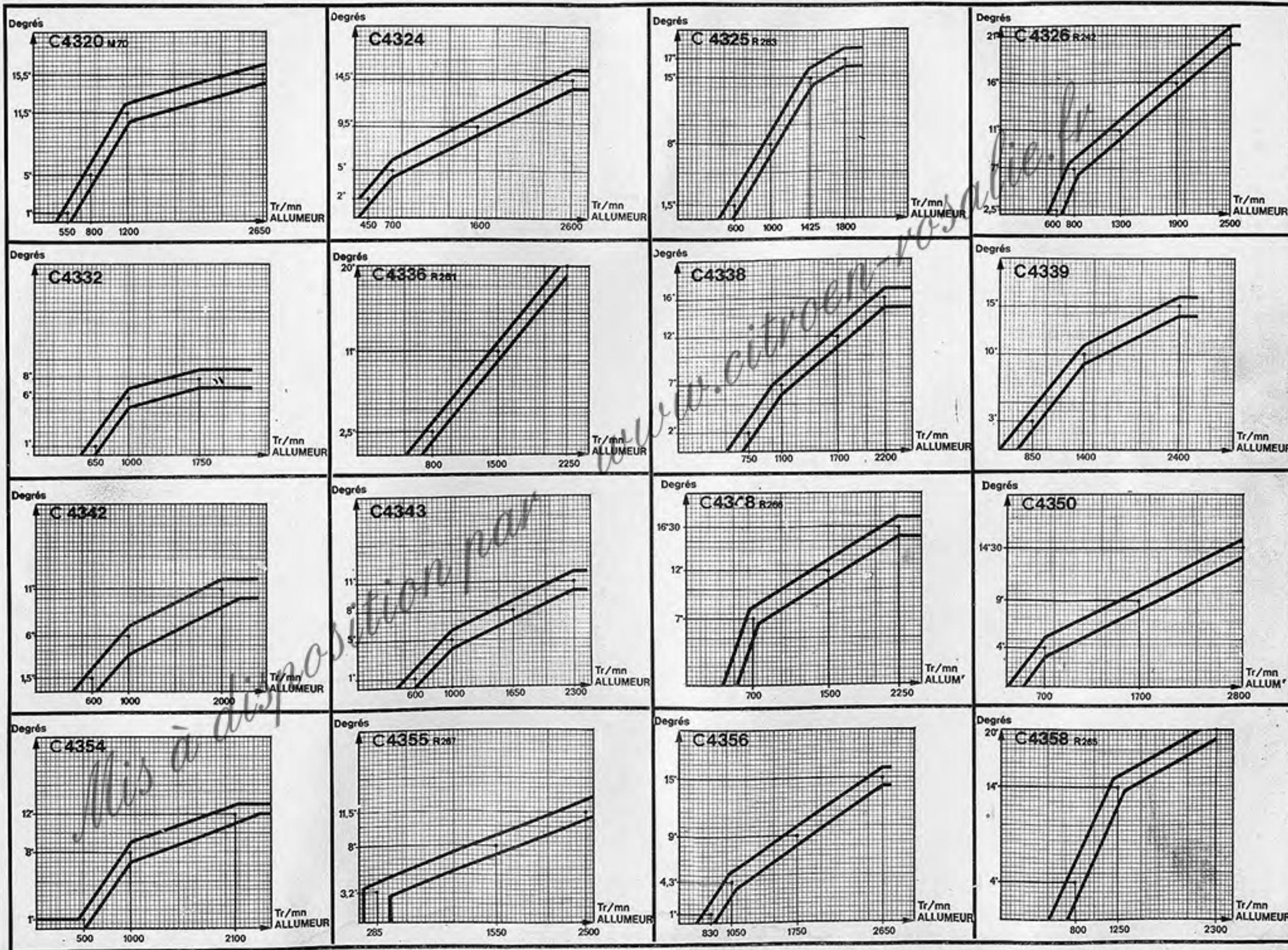
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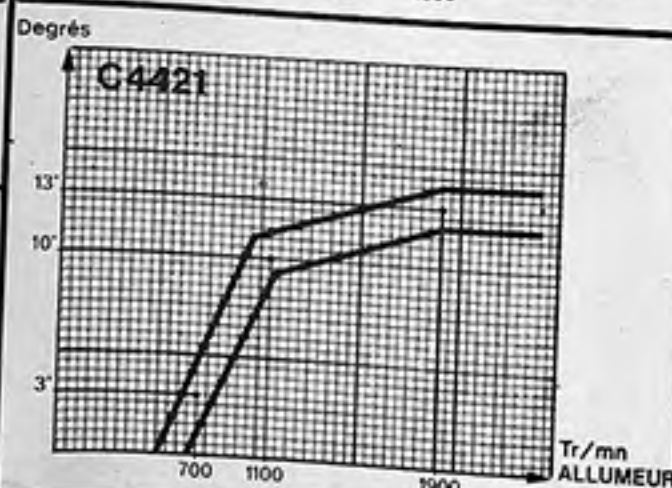
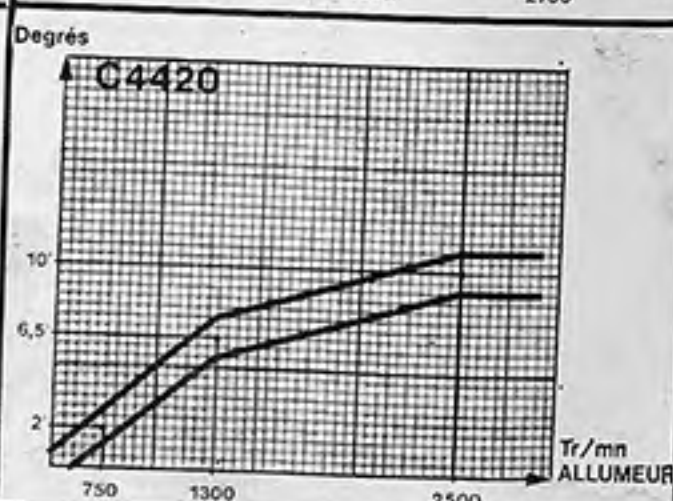
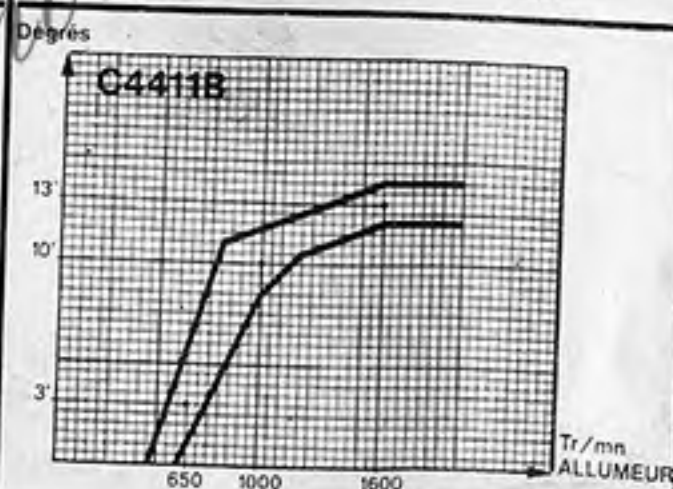
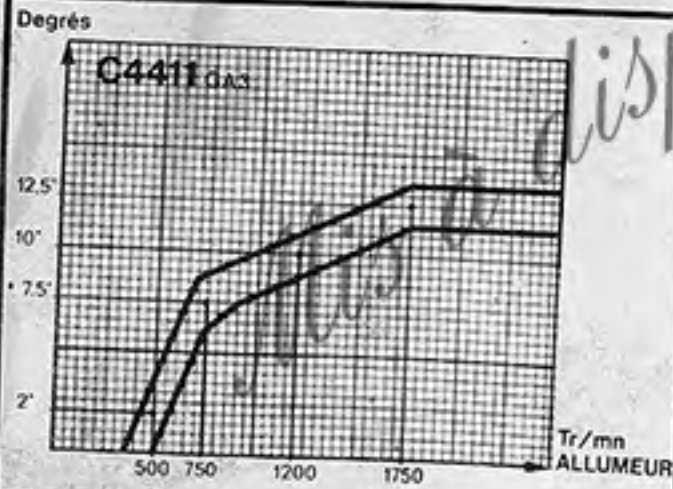
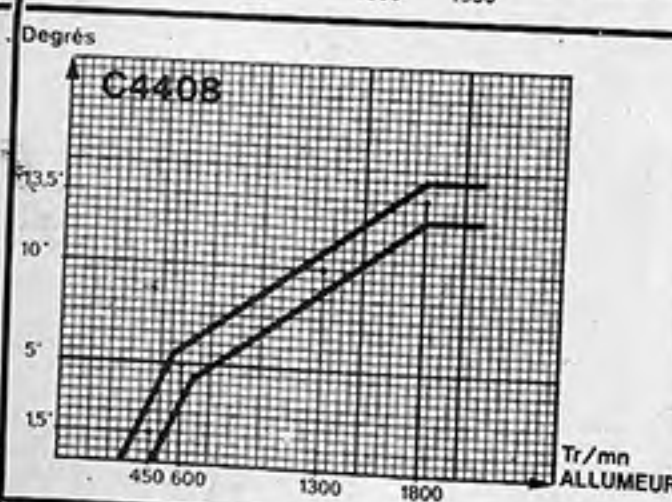
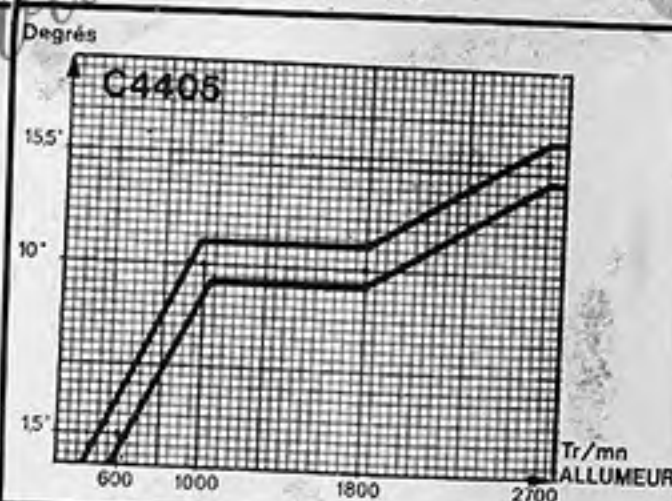
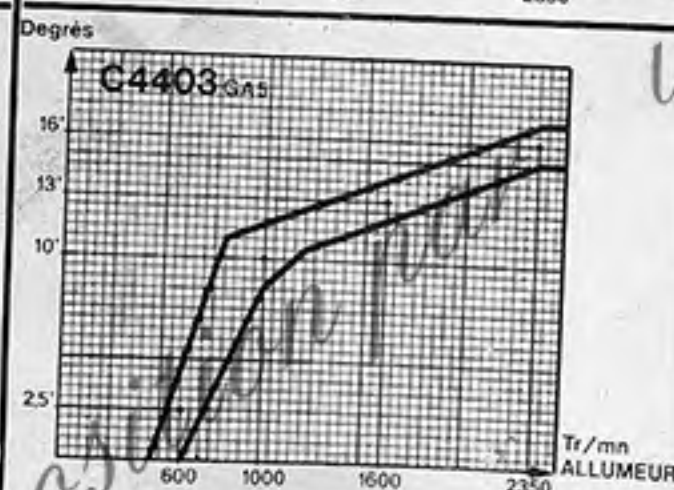
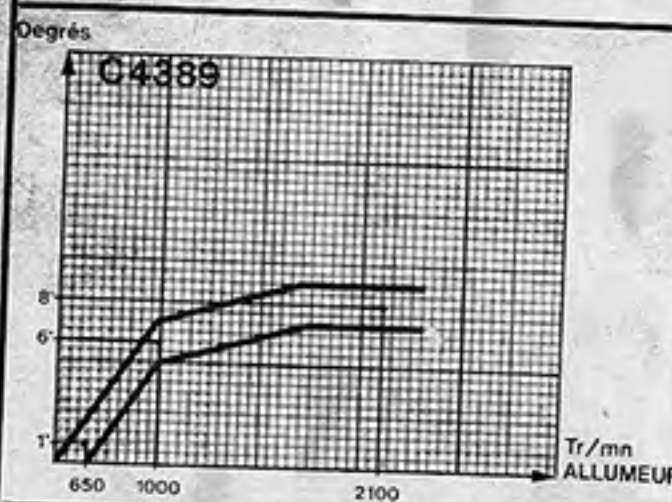
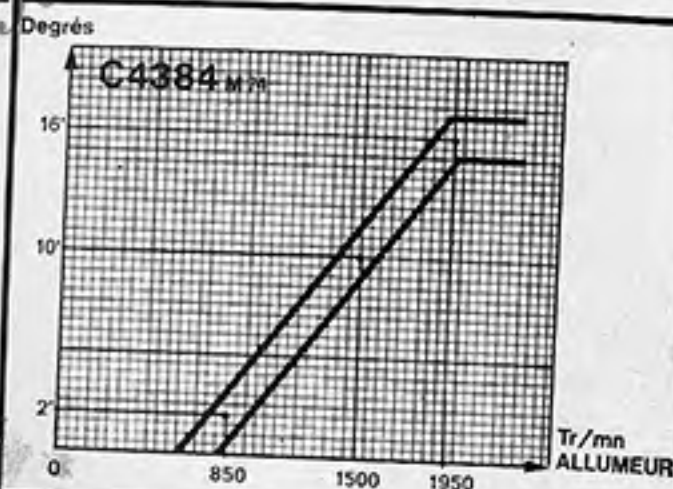
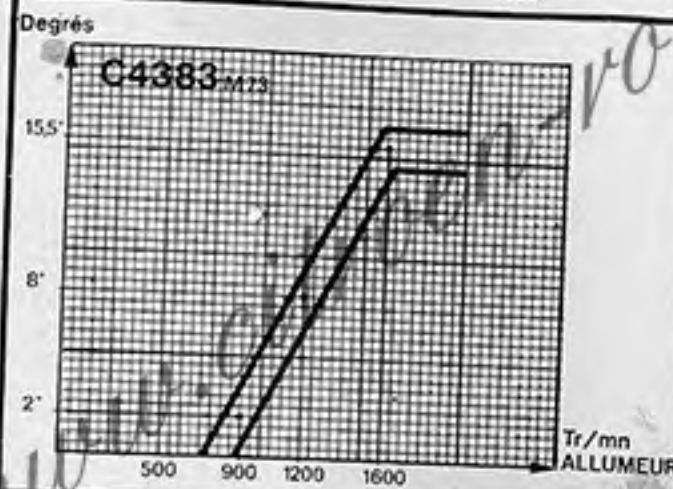
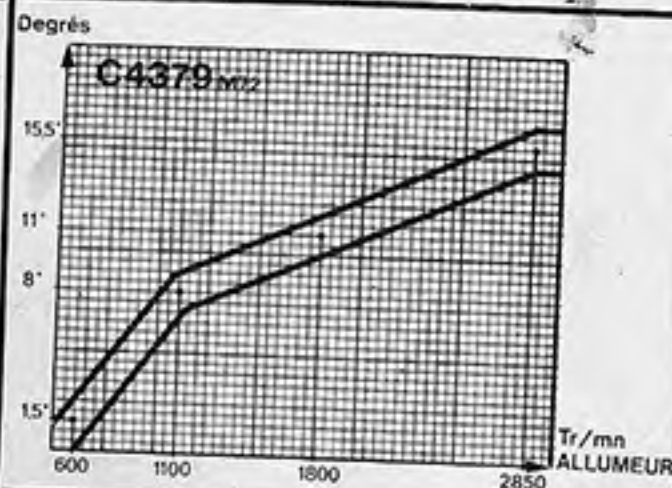
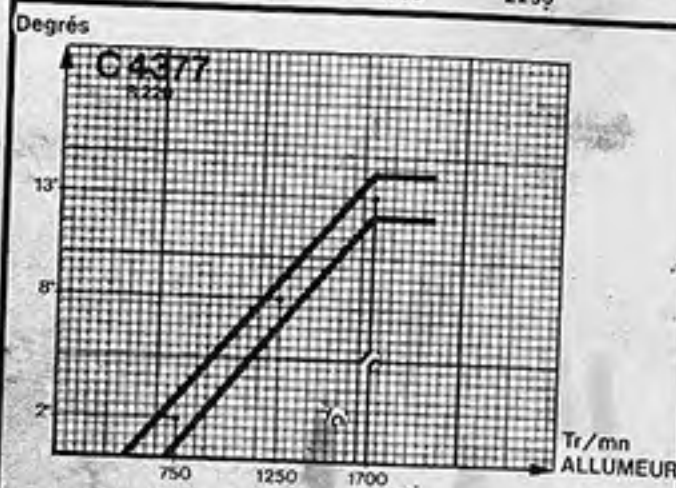
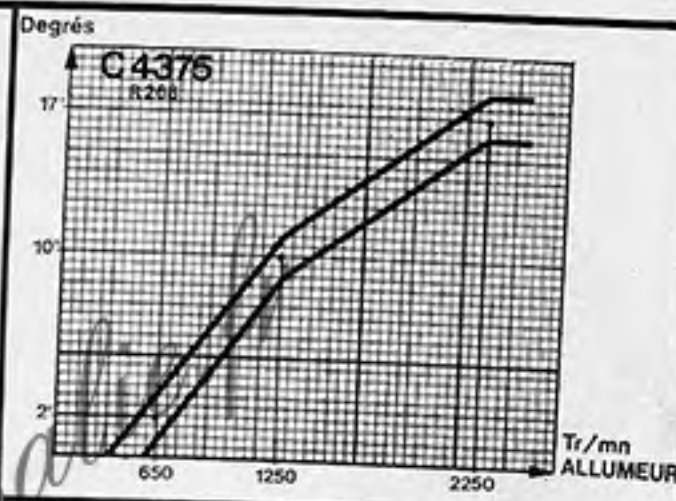
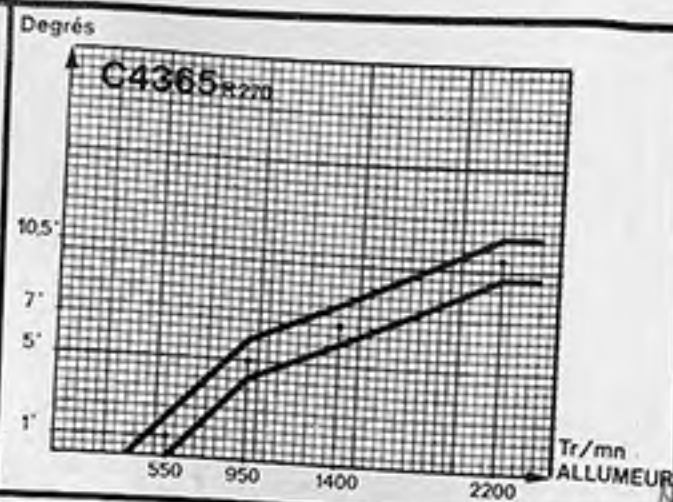
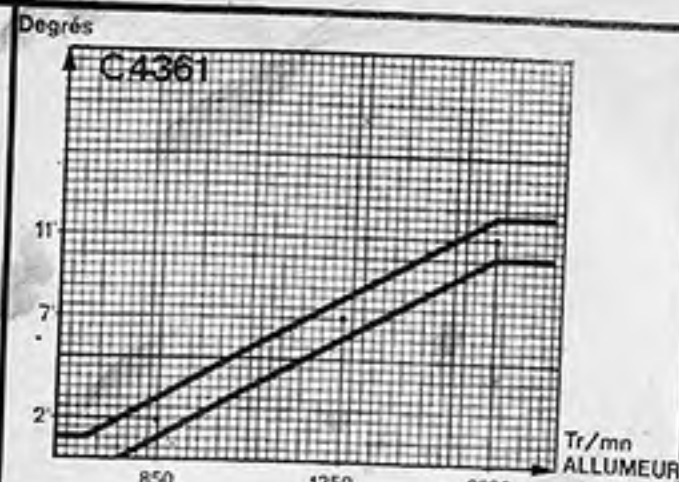
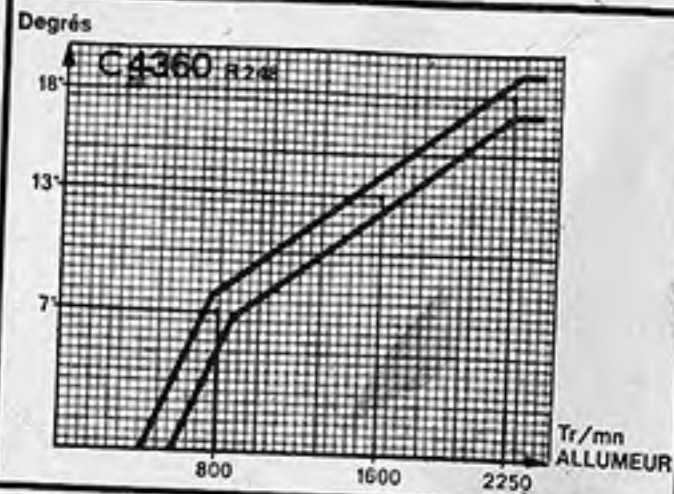


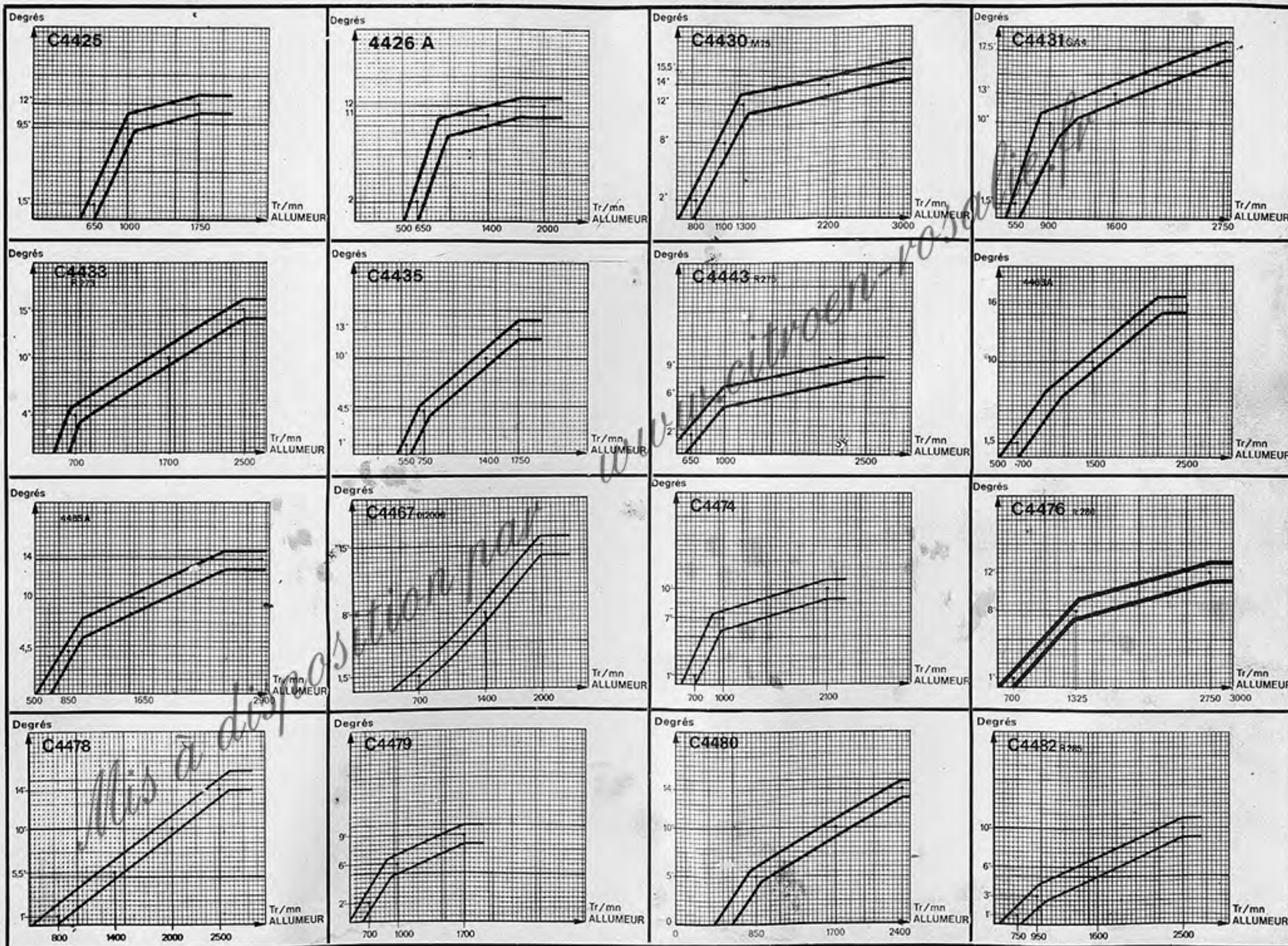


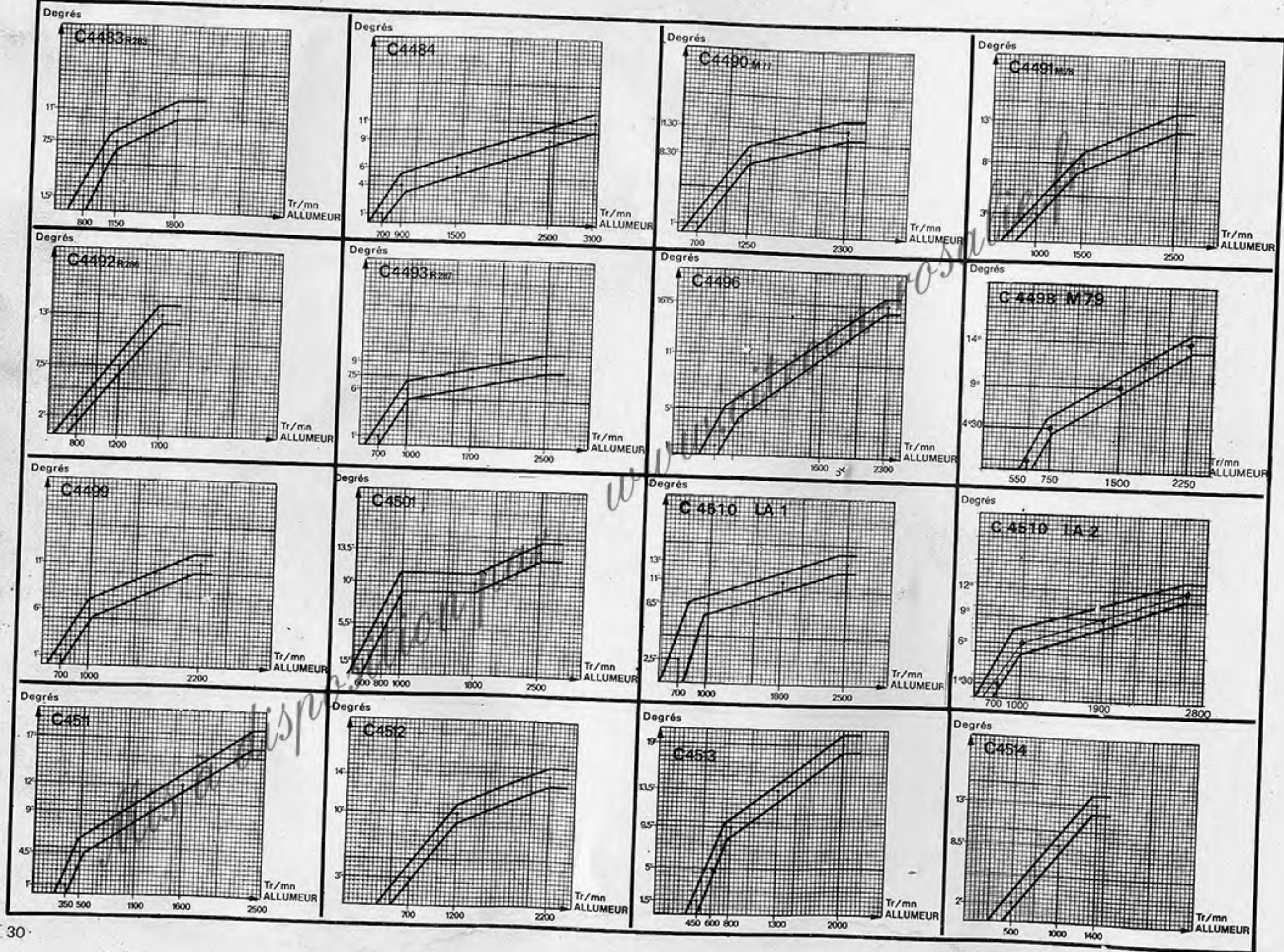
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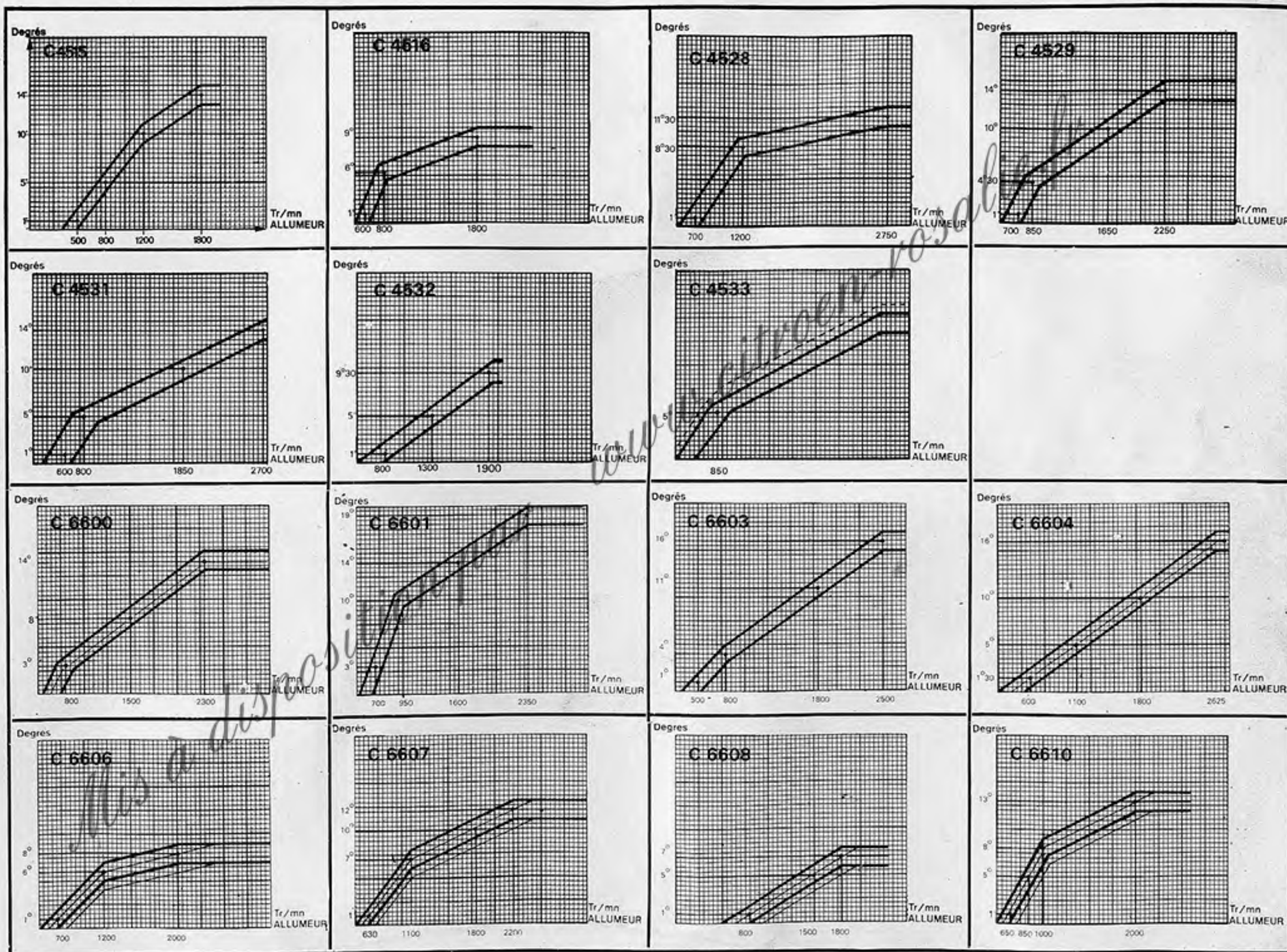


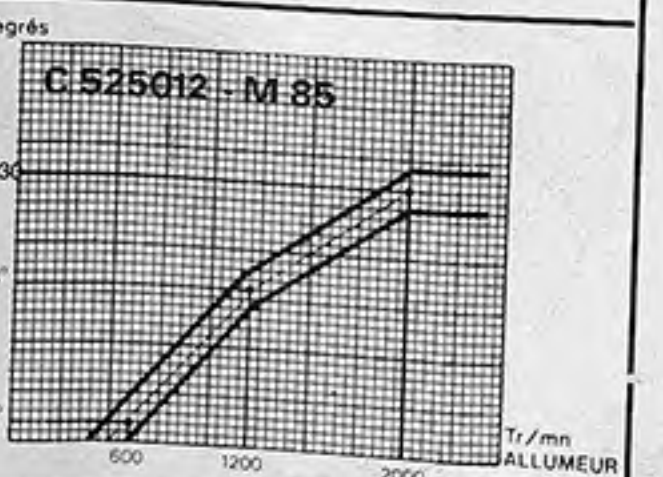
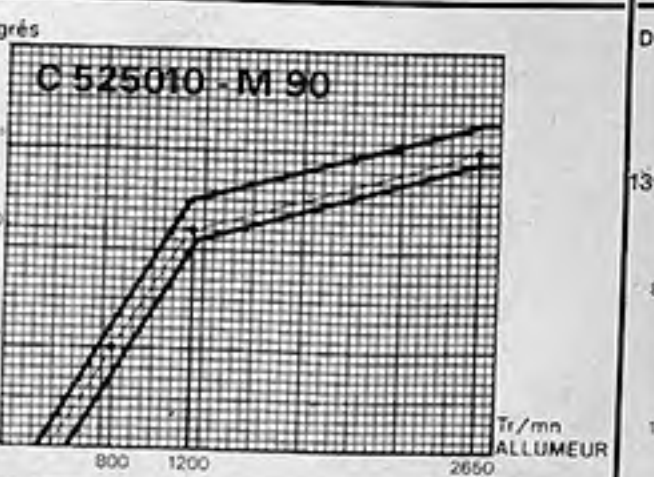
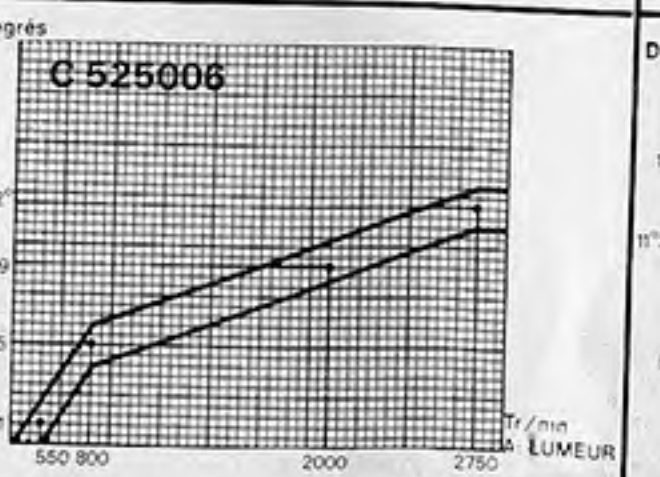
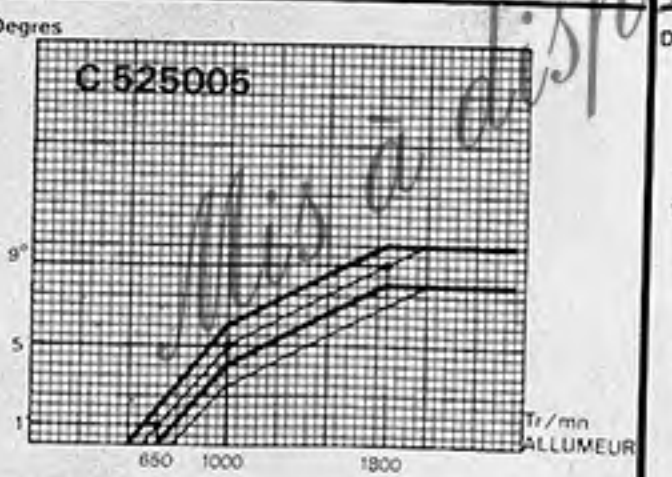
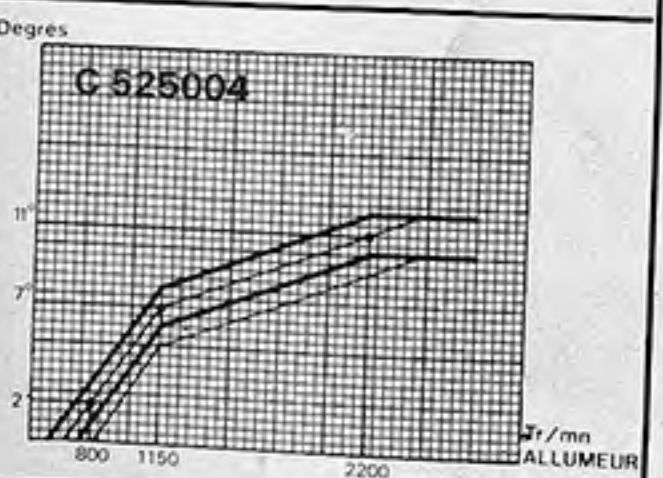
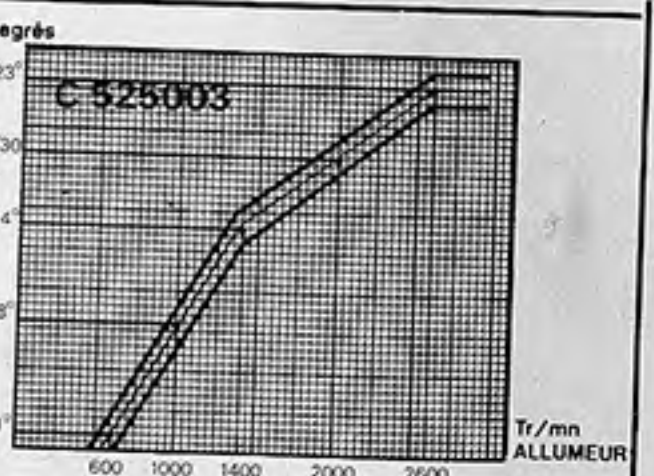
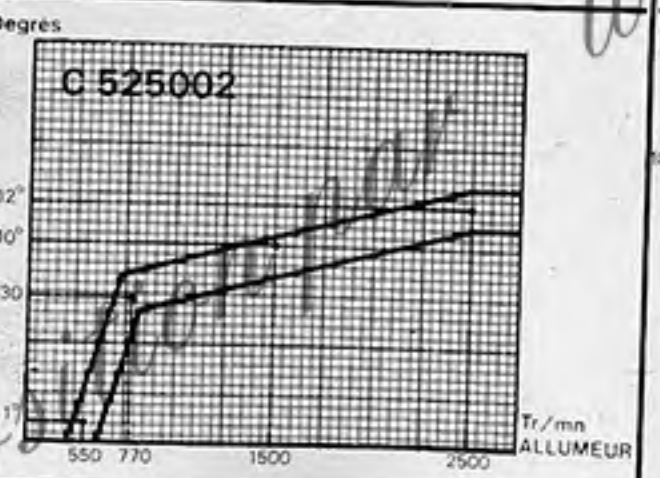
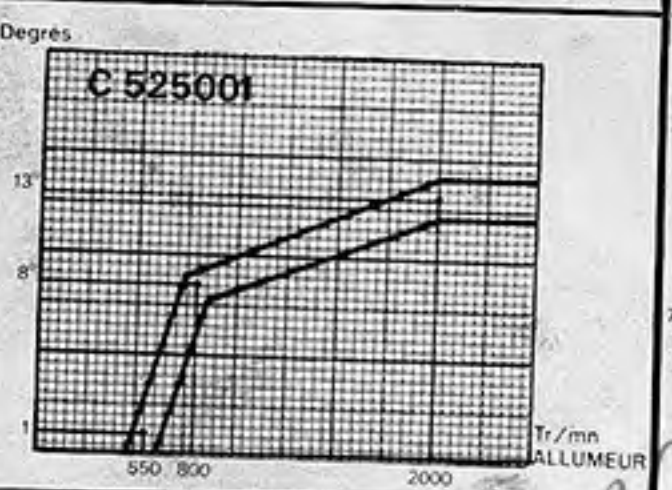
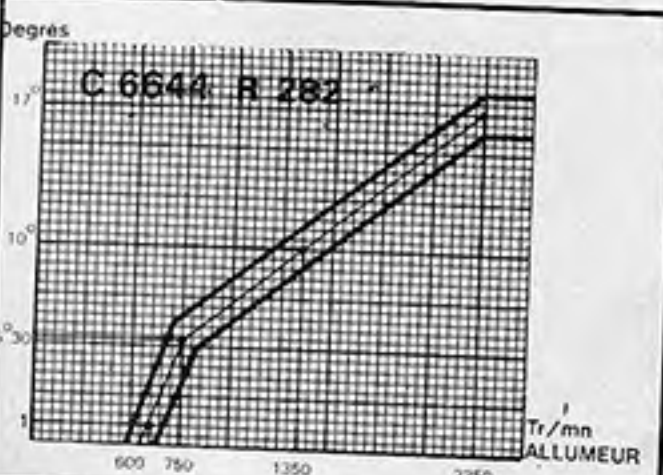
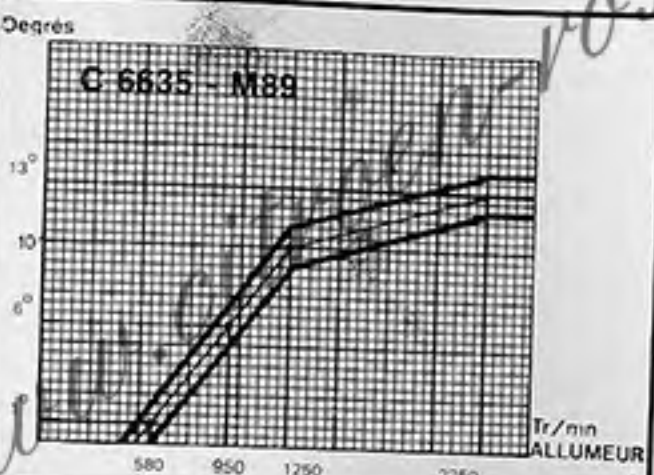
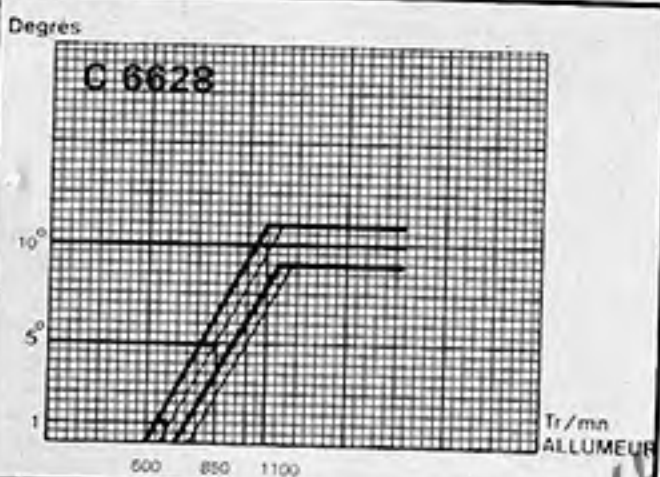
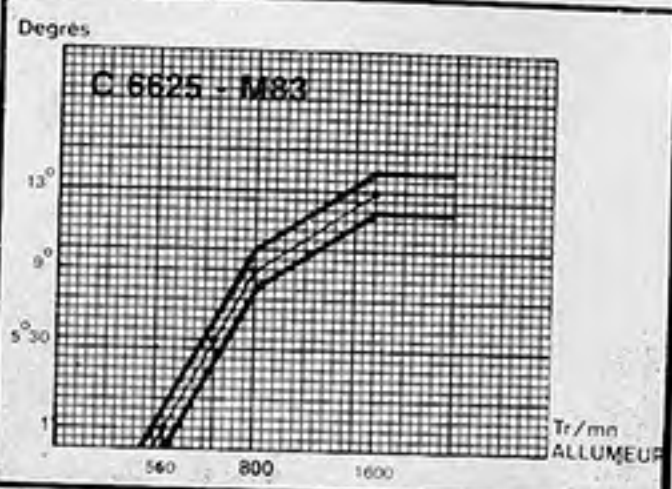
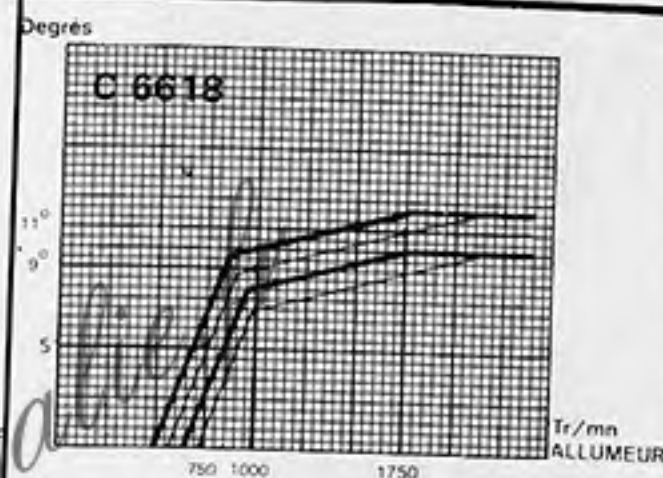
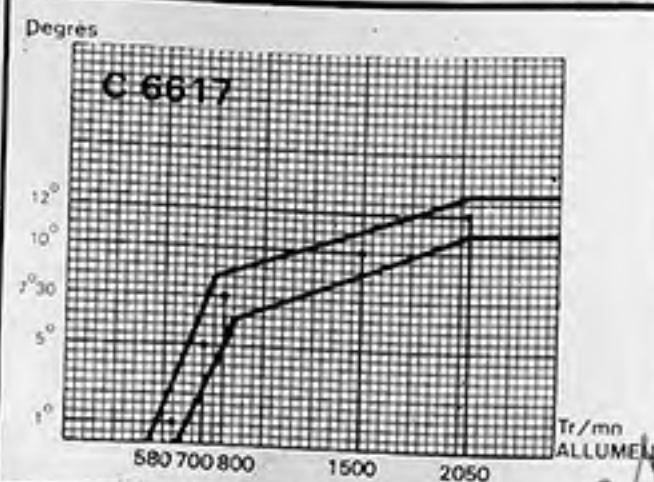
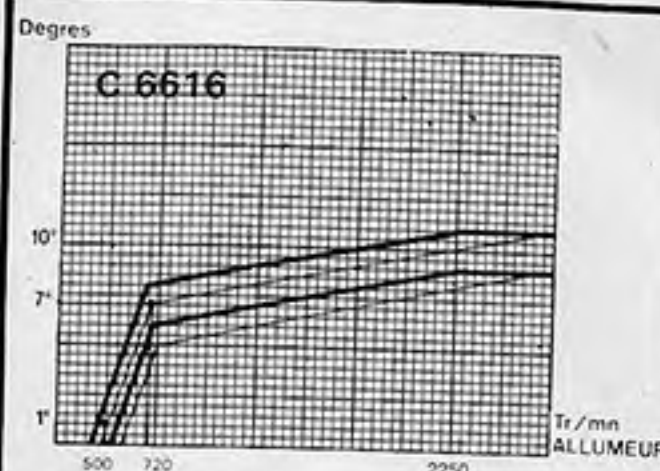
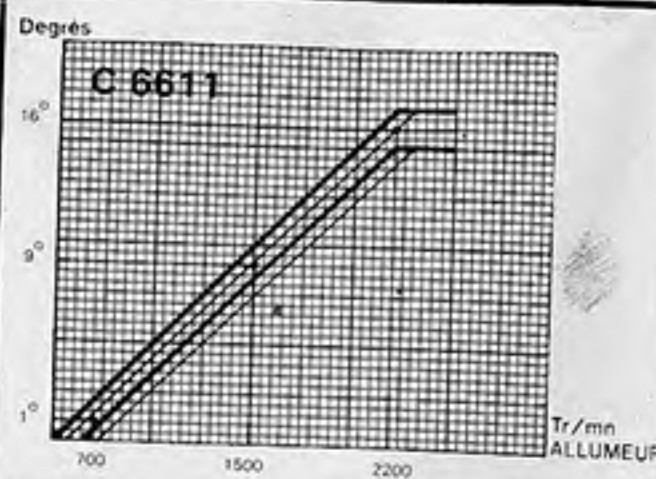


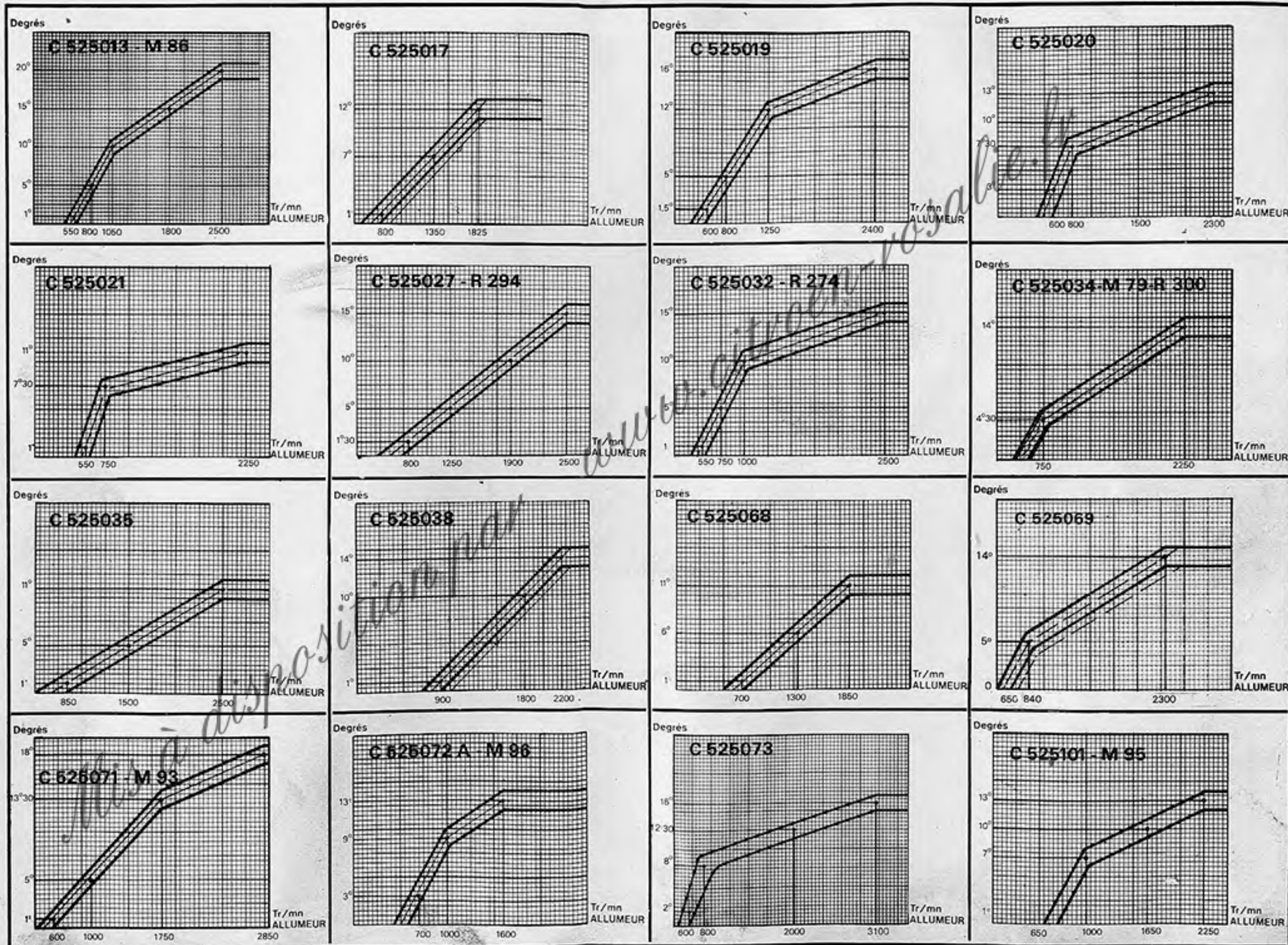






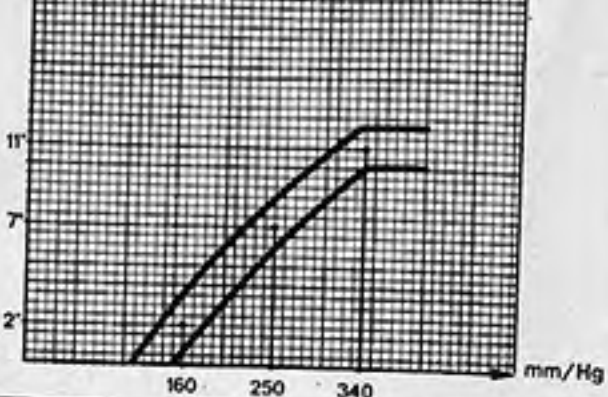






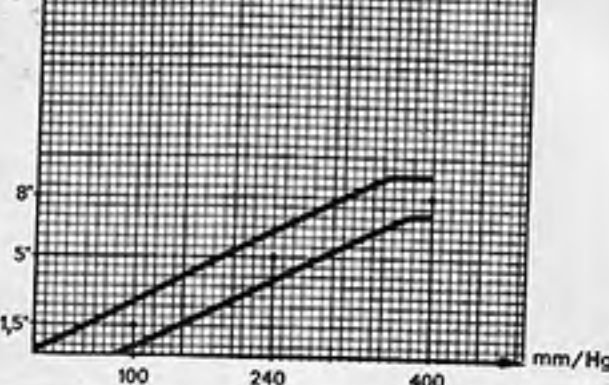
Degrés

D 822



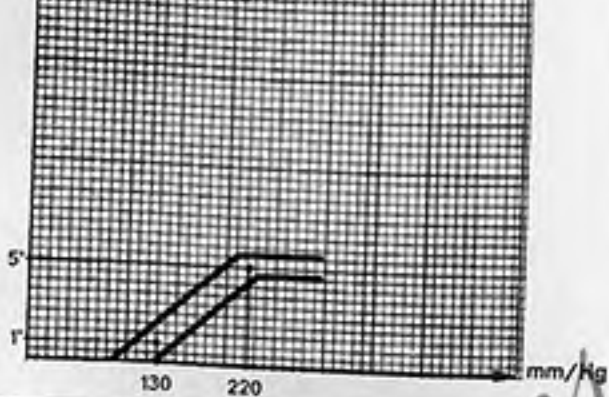
Degrés

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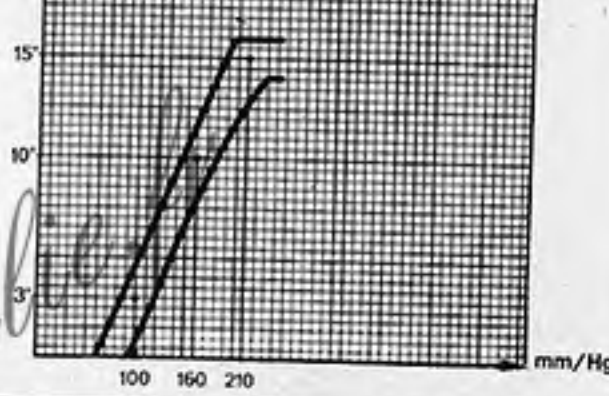
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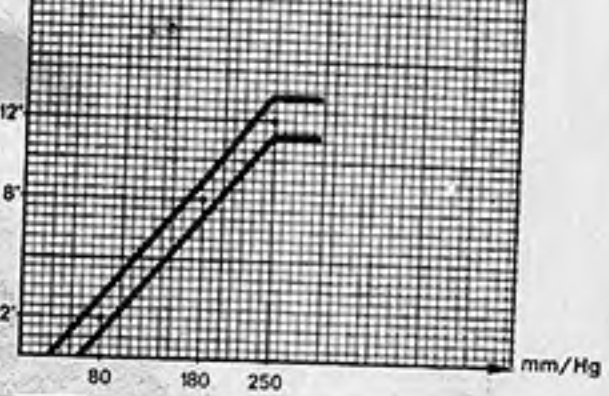
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D 883



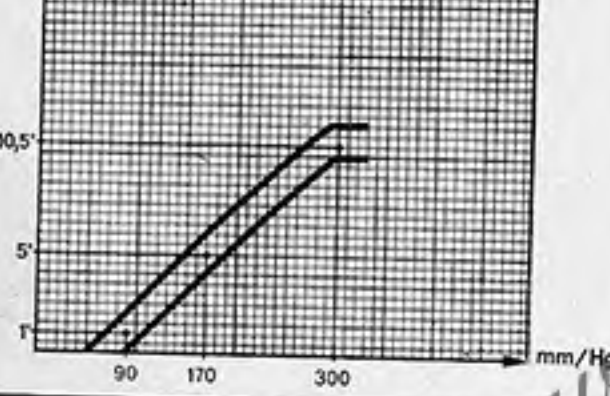
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D 903



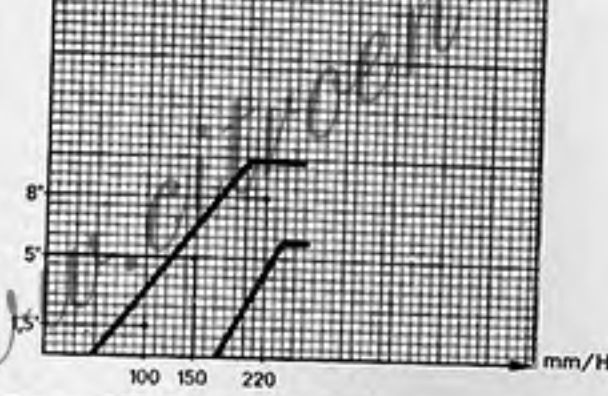
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D 981



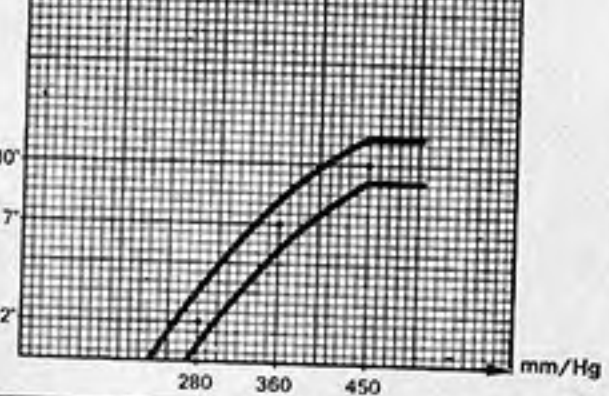
Degrés

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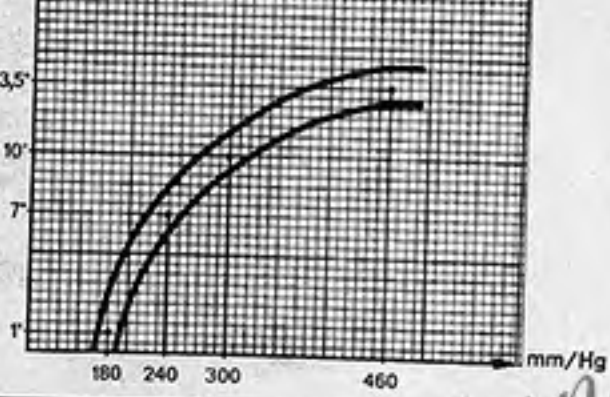
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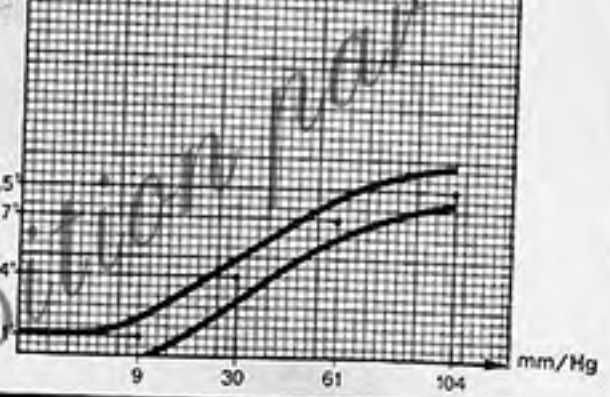
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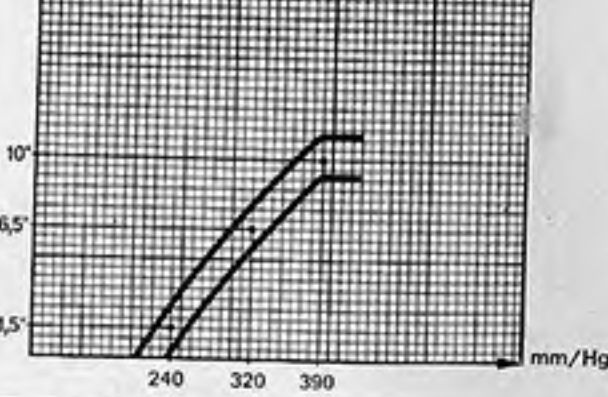
Degrés

D 1028



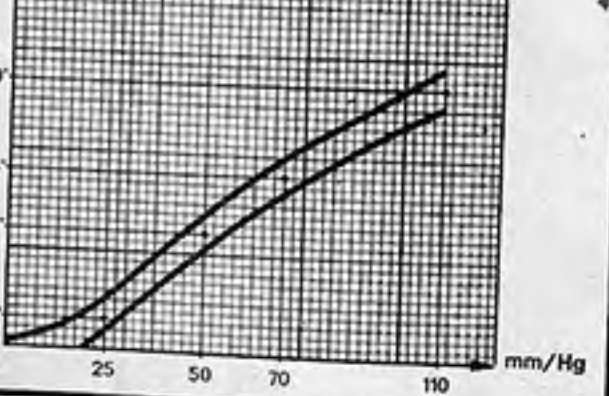
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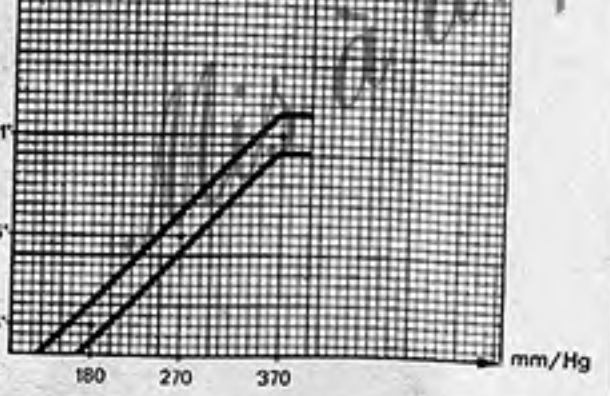
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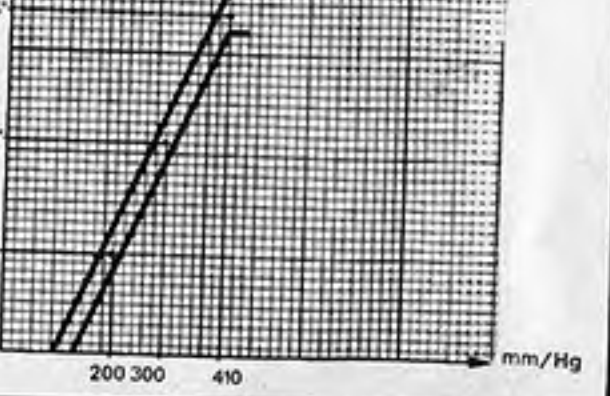
Degrés

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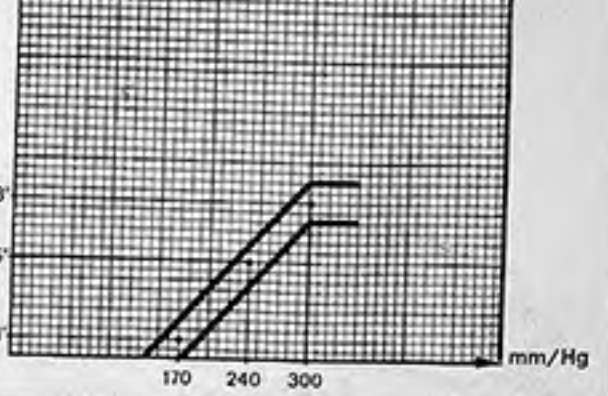
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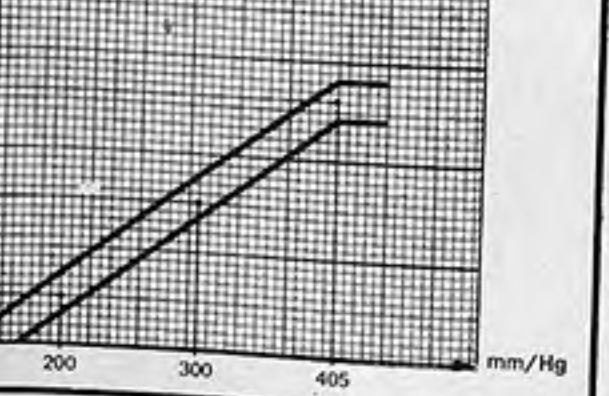
Degrés

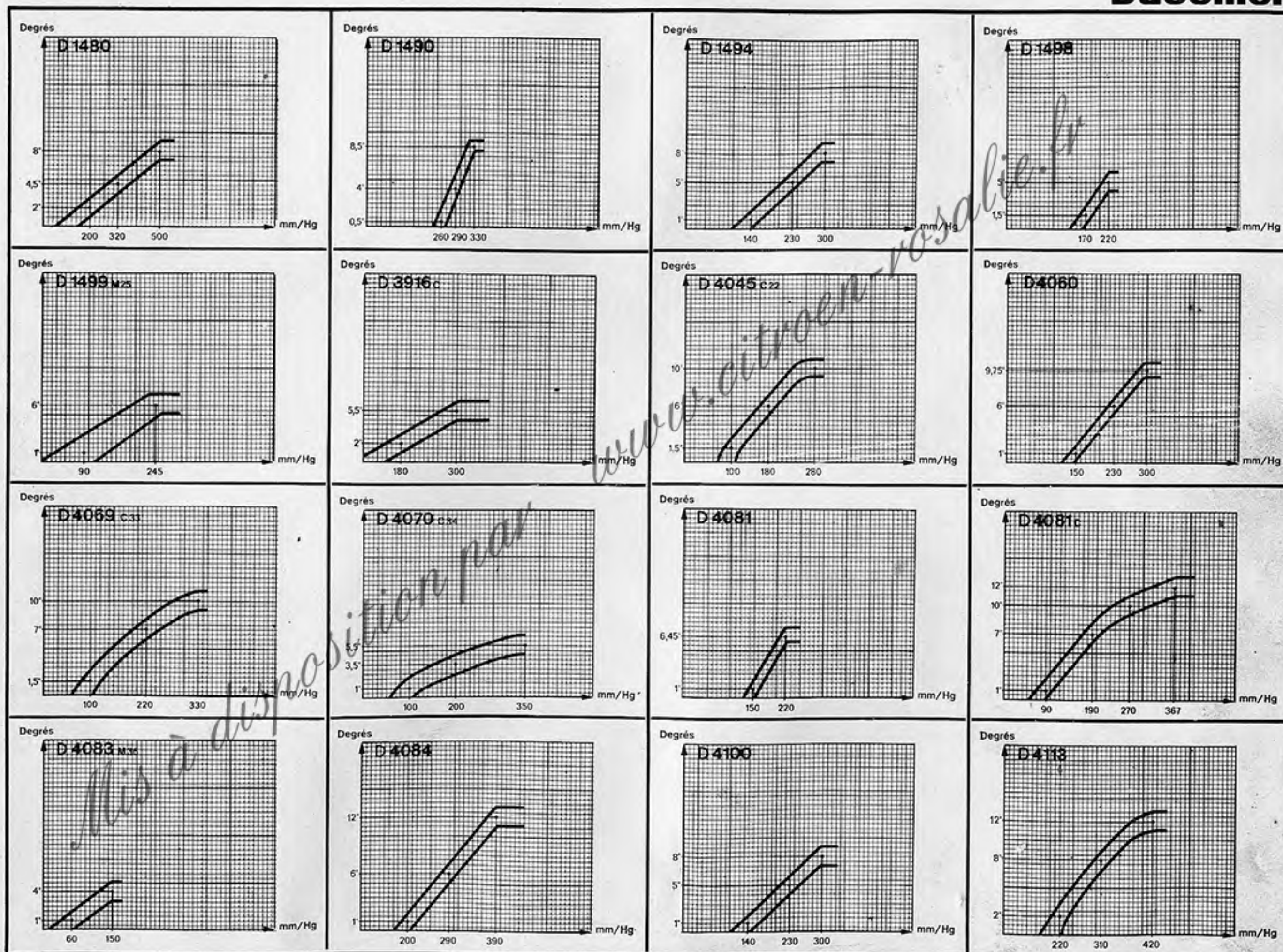
D 1461

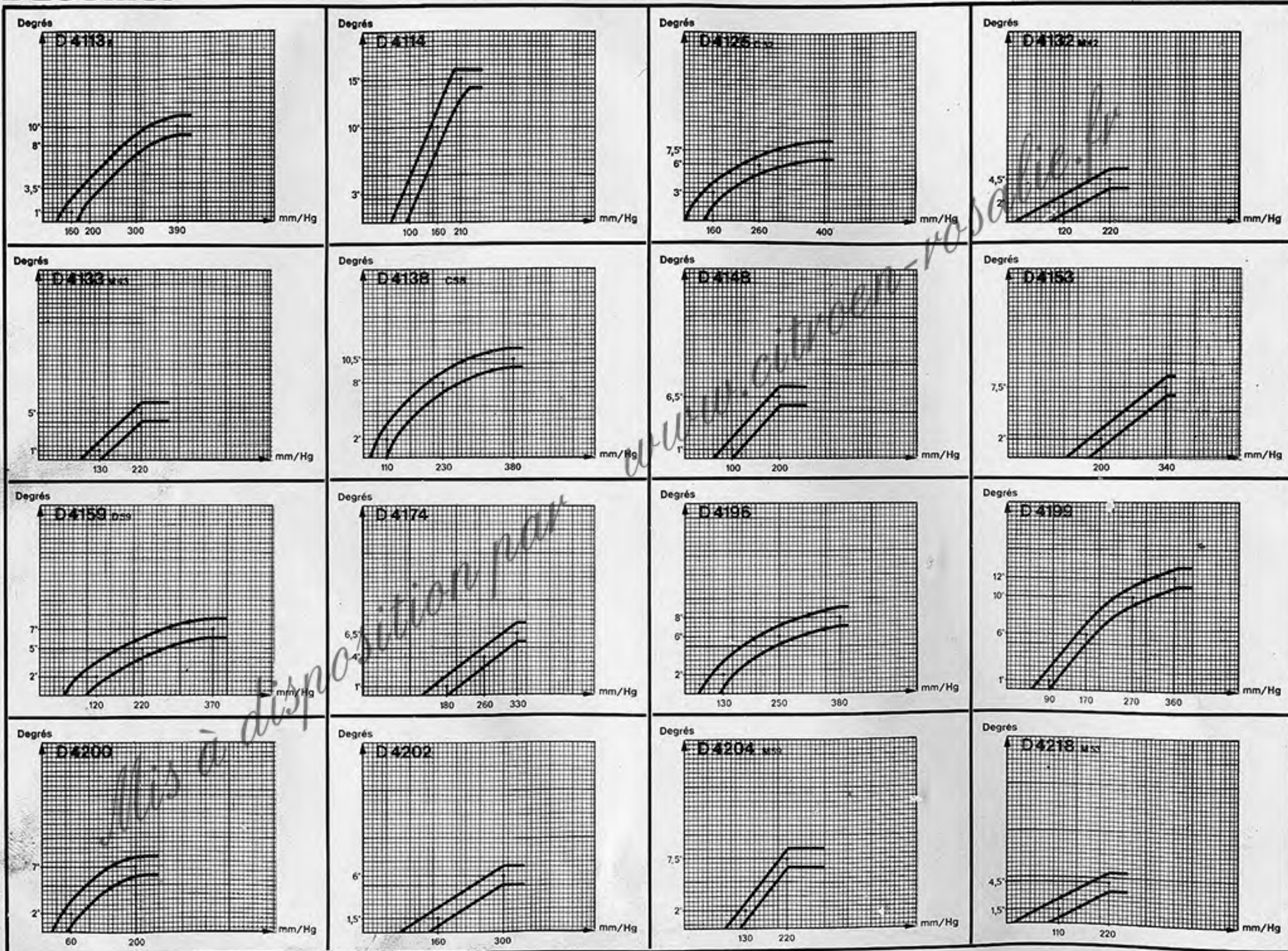


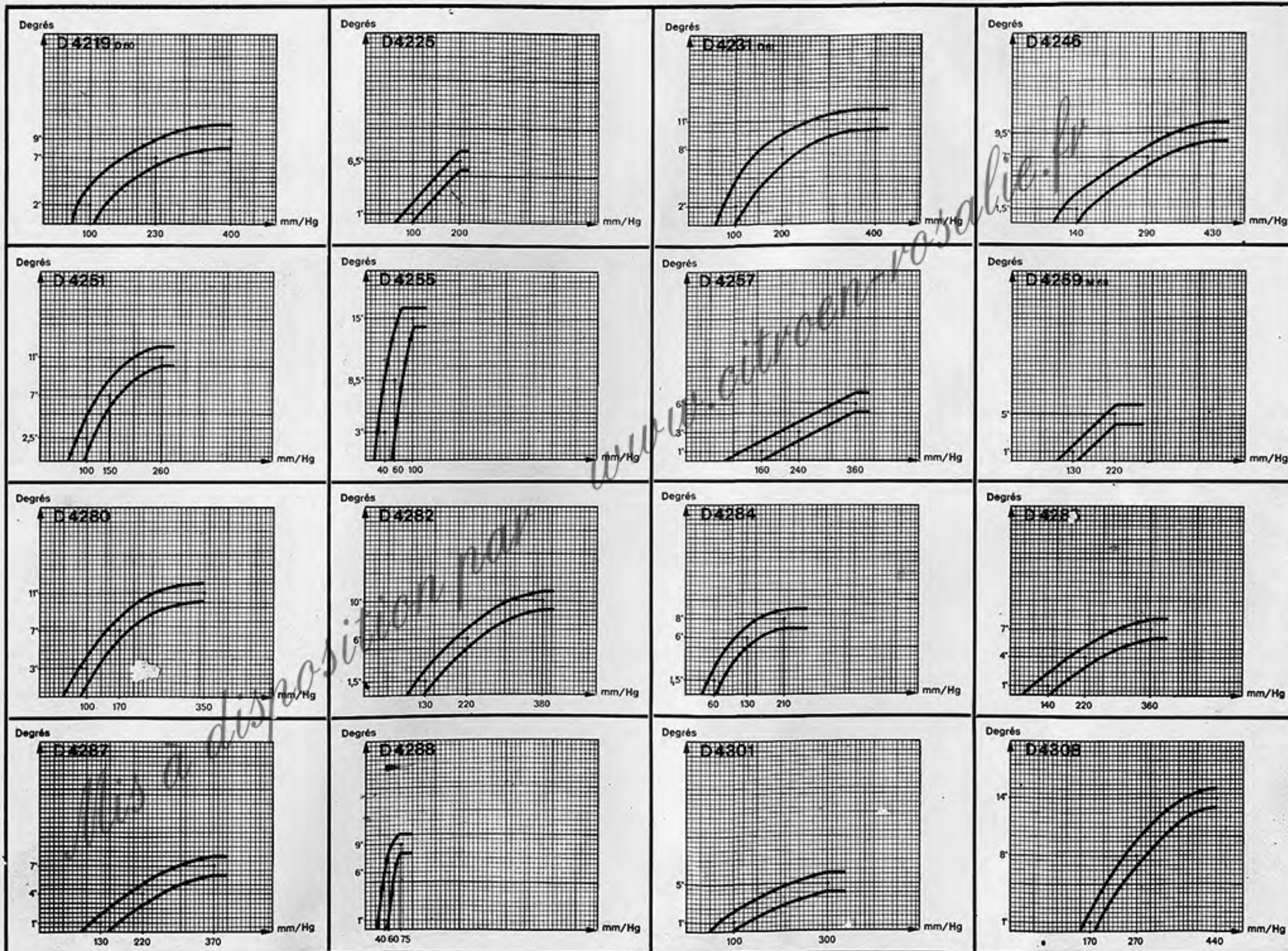
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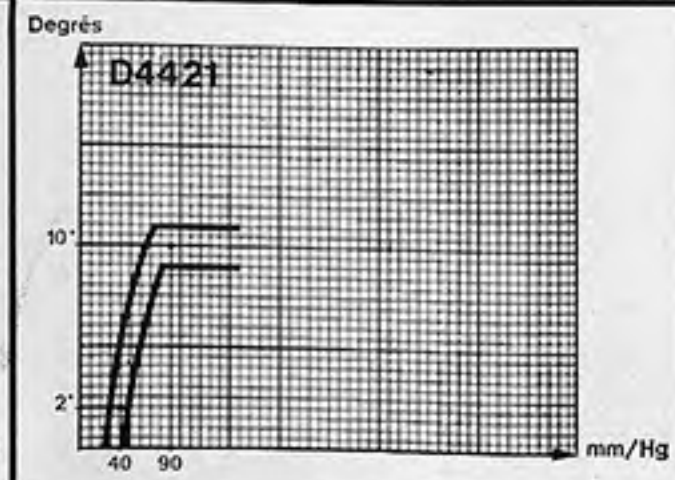
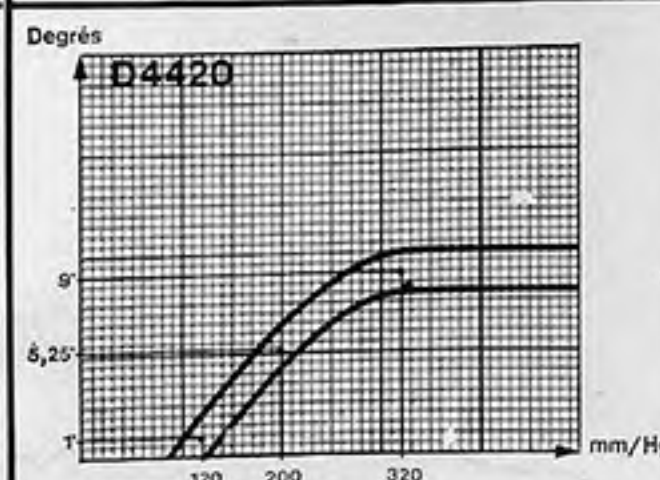
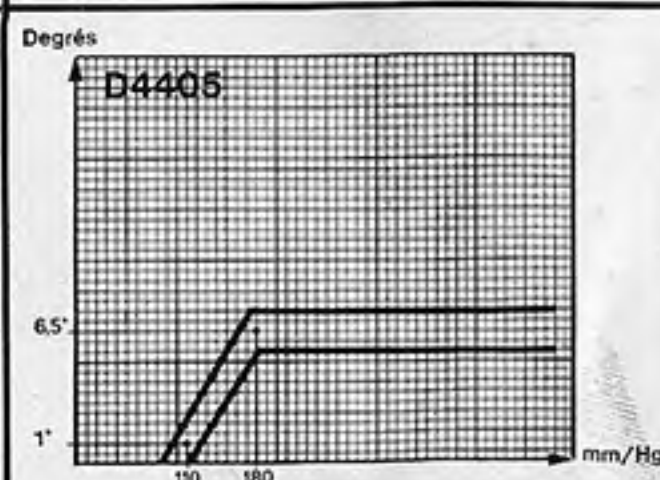
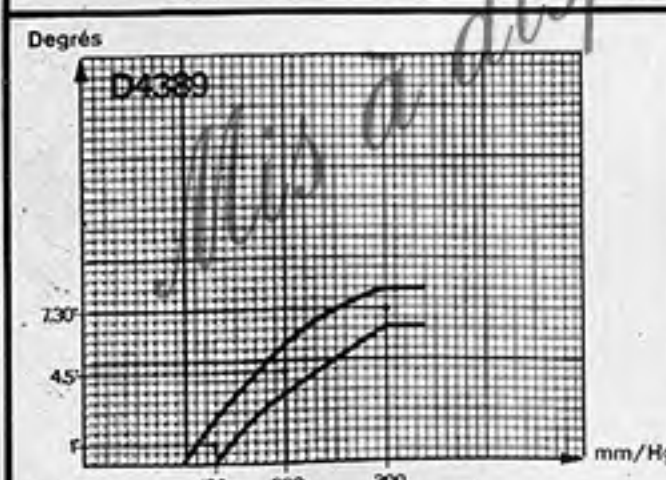
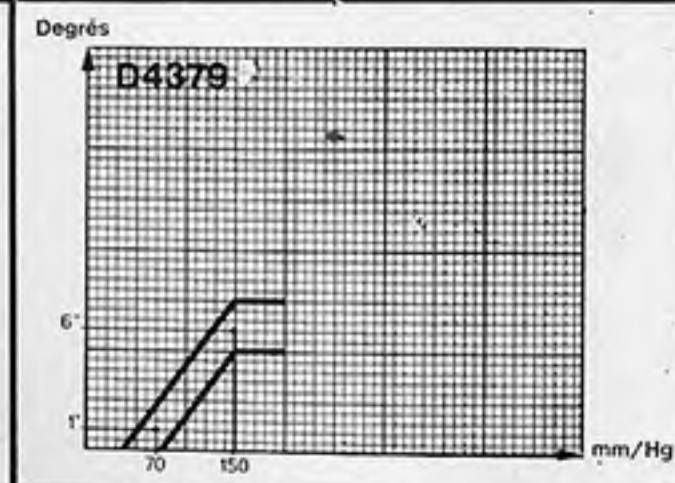
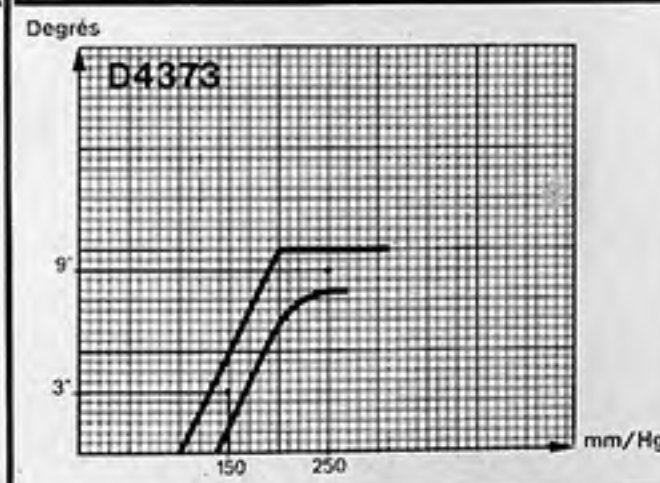
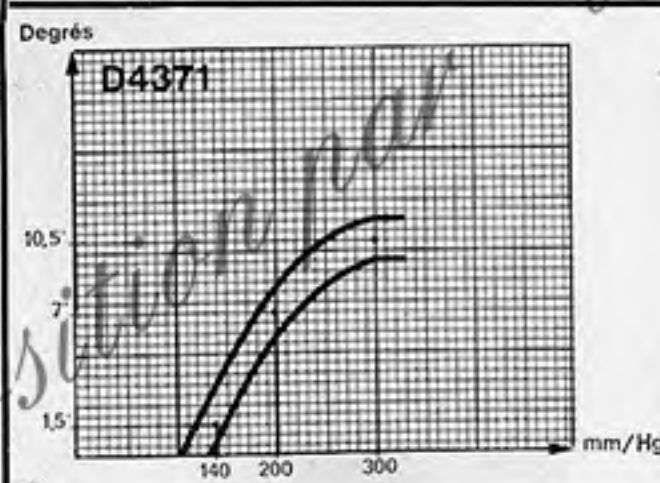
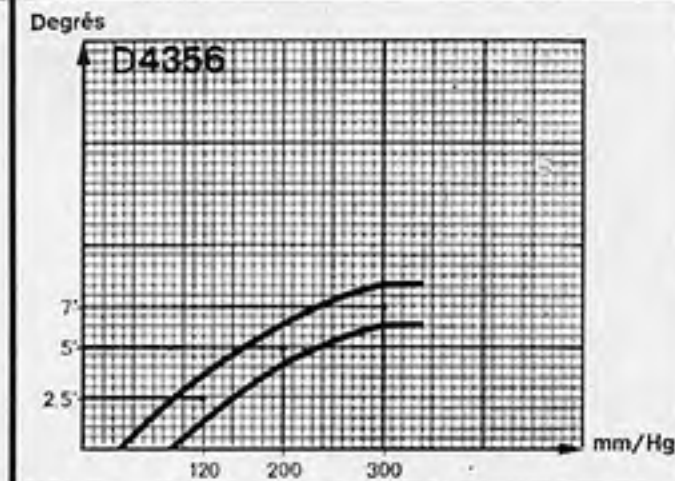
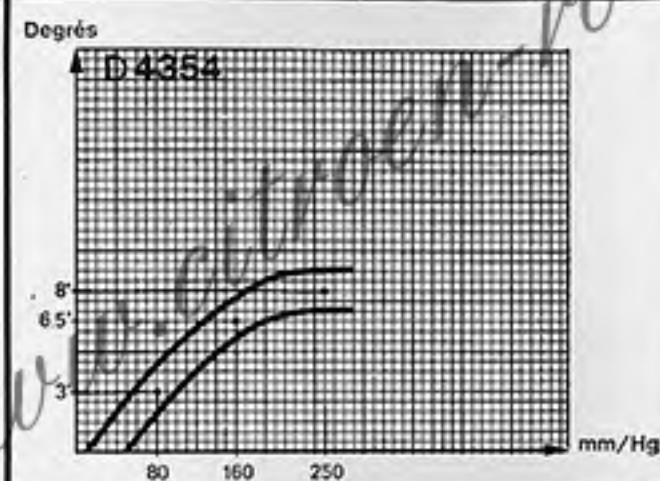
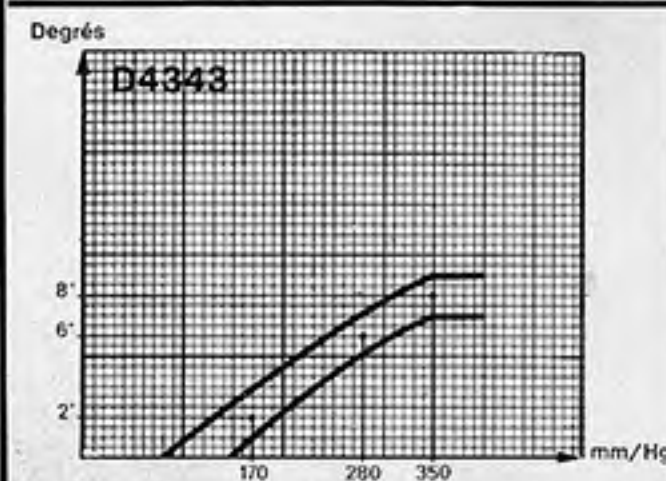
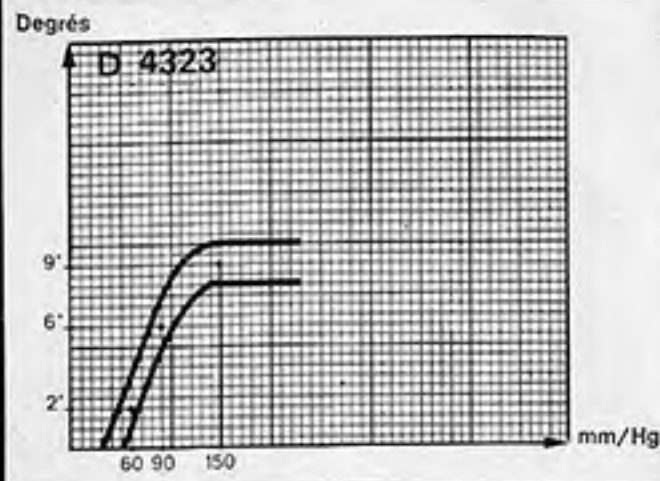
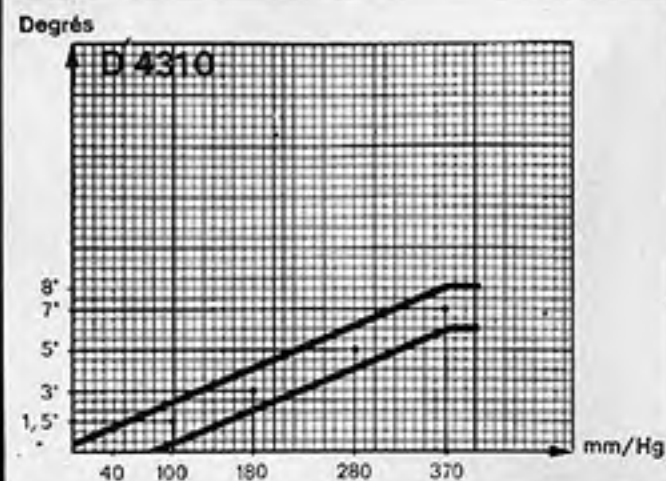
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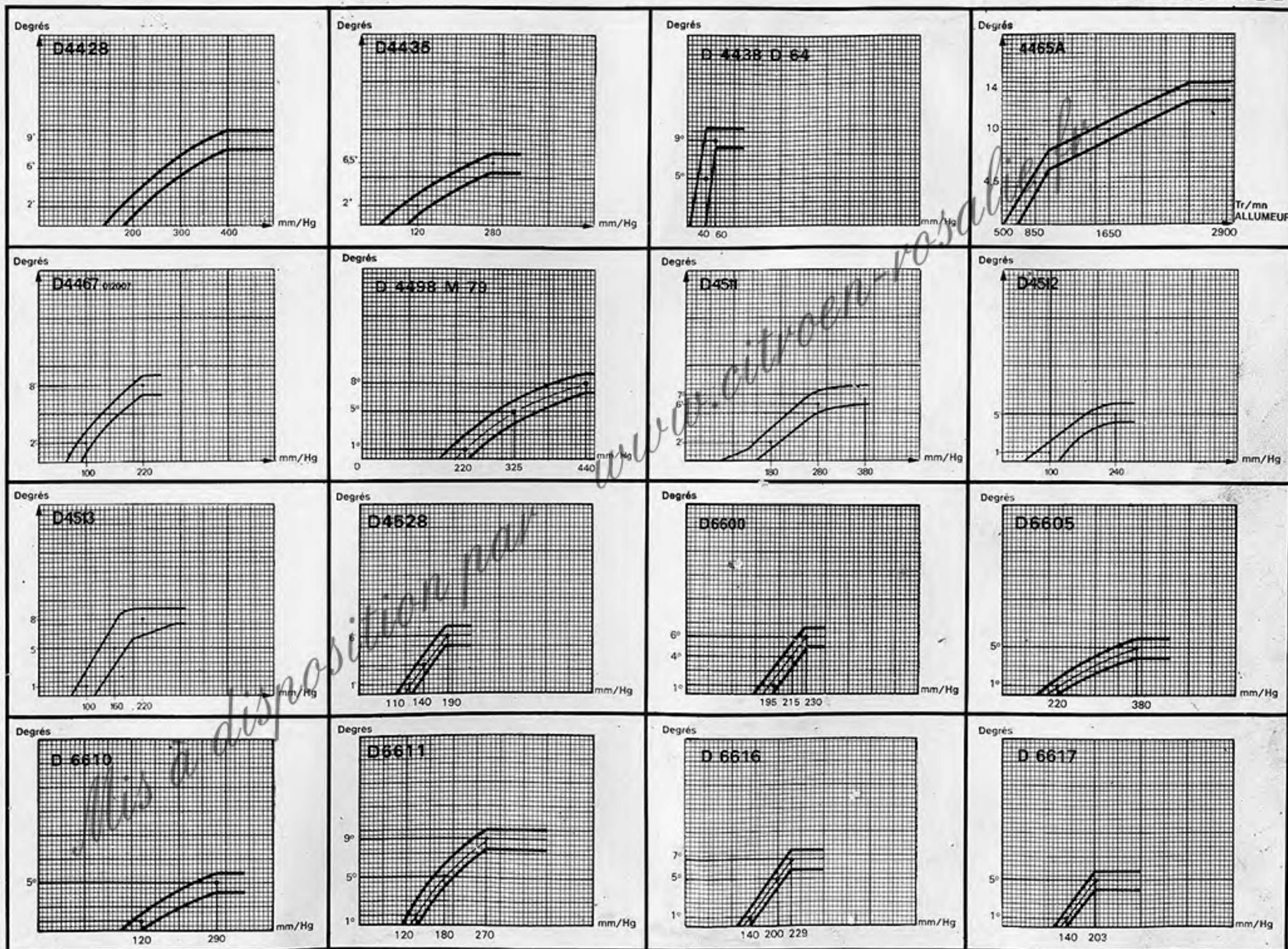


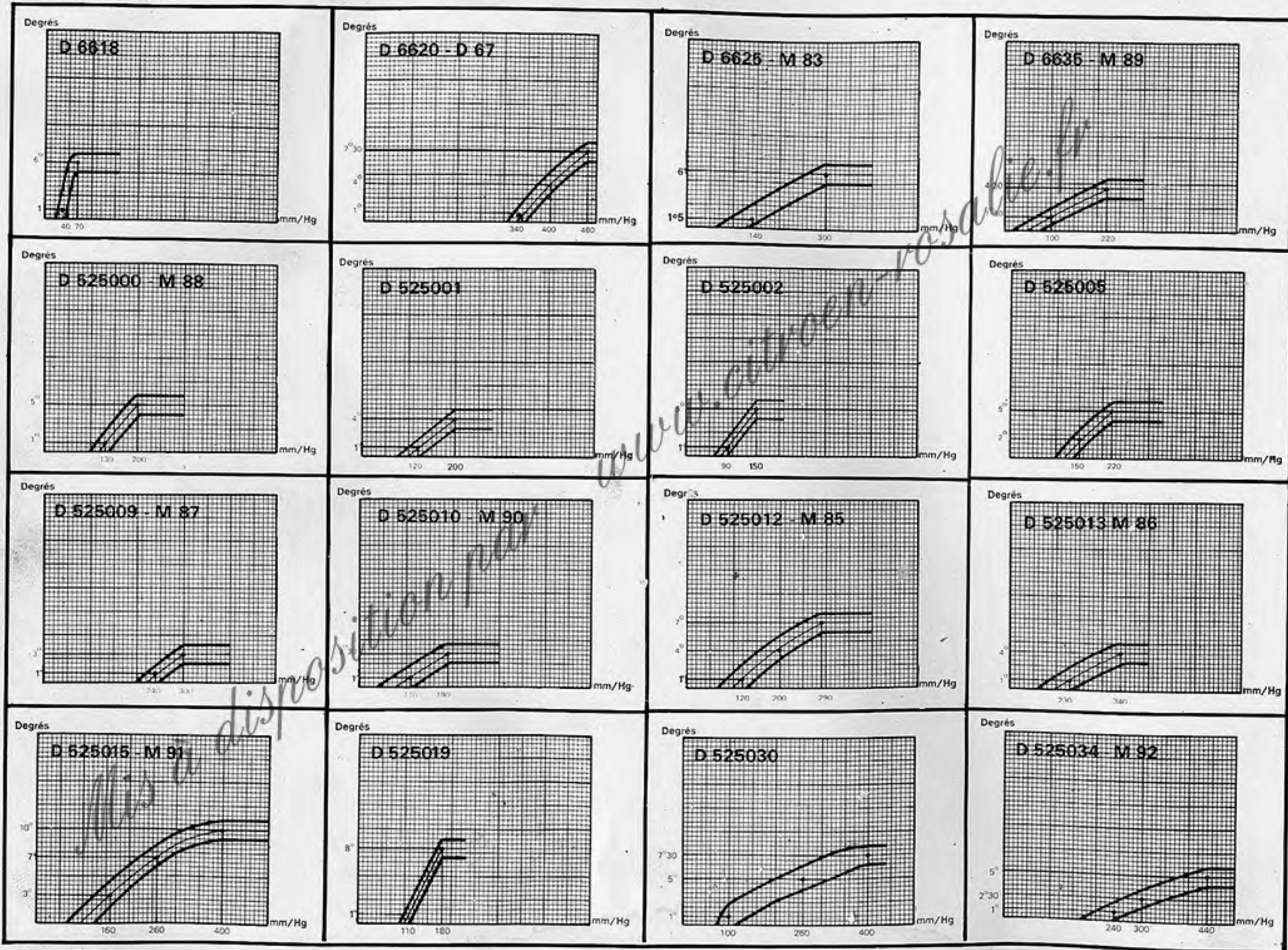


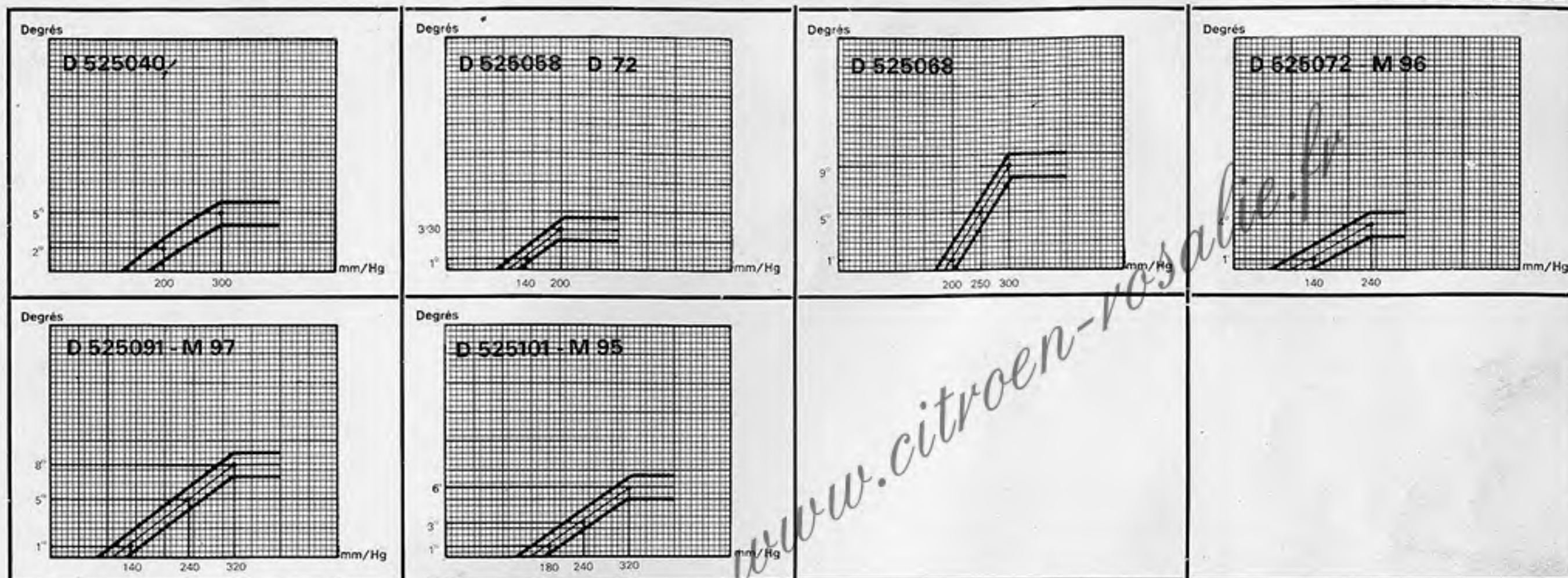






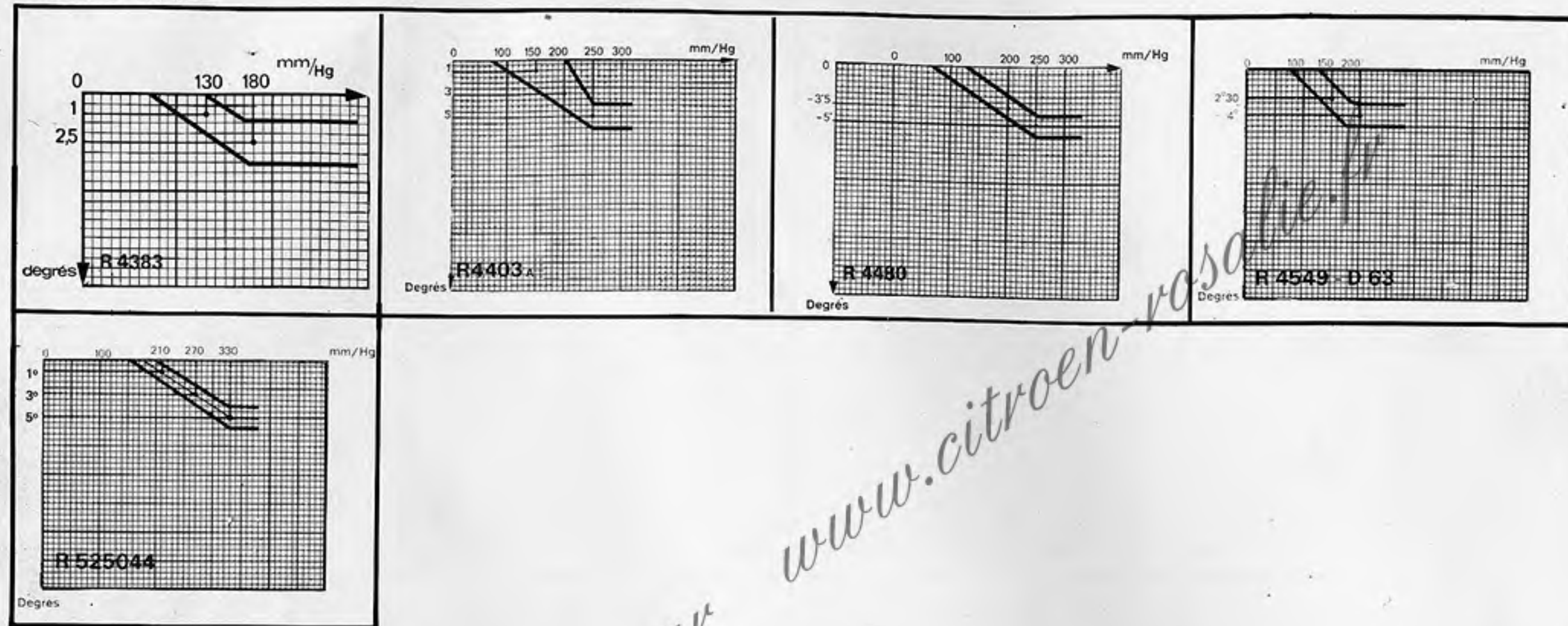






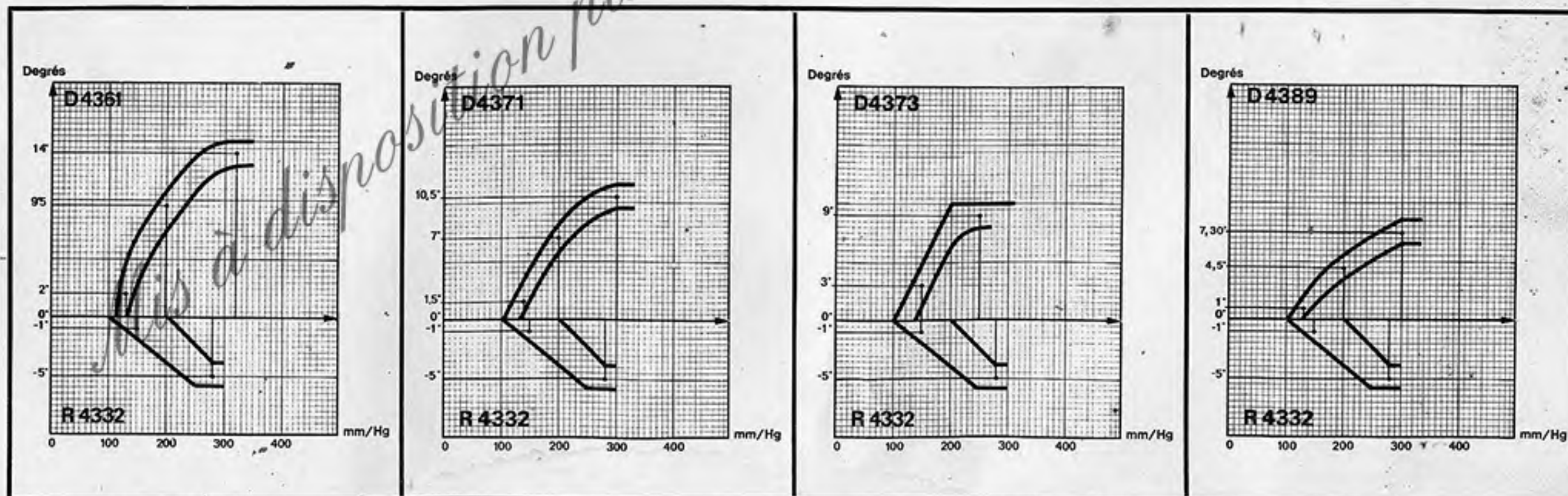
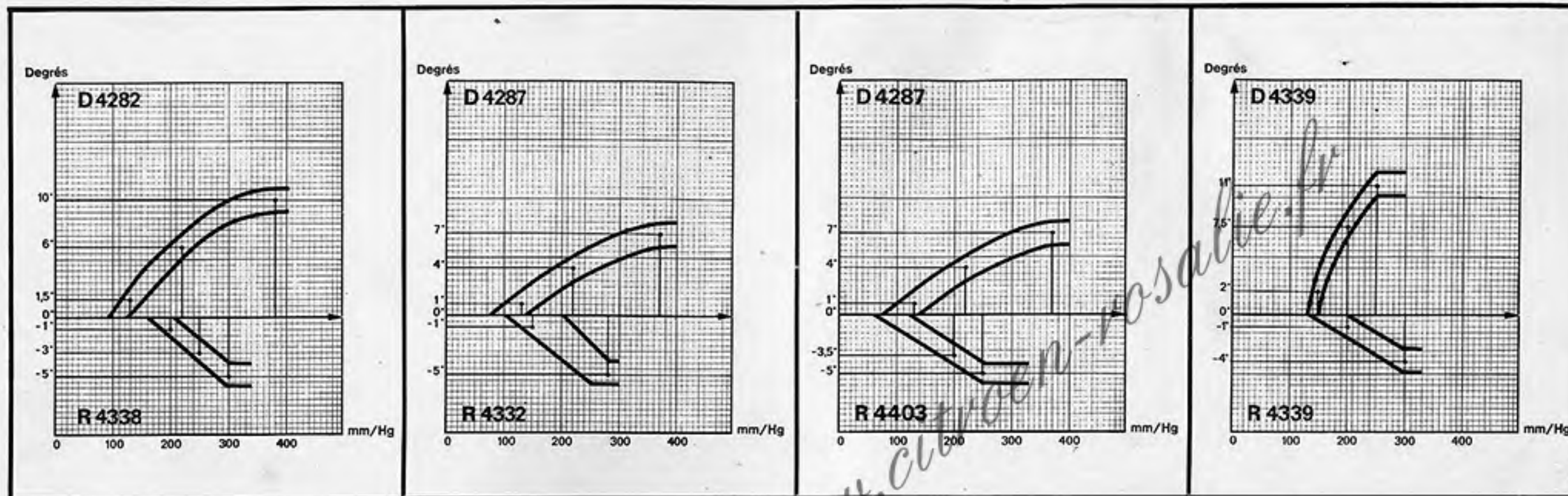
Mis à disposition par

# Ducellier



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## Français

### Référenciation des appareils et pièces détachées DUCELLIER

- 2164 A** → Indice de modifications d'ordre mécanique, ne gênant rien son montage sur le véhicule pour lequel il a été prévu, mais peut entraîner le montage de pièces détachées différentes.
- Référence de l'allumeur.

Nota. - Il est indispensable de connaître la référence complète de l'appareil y compris la lettre pour déterminer à coup sûr la référence exacte à changer.

## Deutsch

### Benennung der DUCELLIER-Geräte und Ersatzteile

- 2164 A** → Index für mechanische Änderungen, die in keiner Weise die Montage auf das Fahrzeug, für das es vorgesehen war, hindert, jedoch die Montage unterschiedlicher Ersatzteile nach sich ziehen kann.
- Kernnummer der Zündvorrichtung.

Anmerkung. - Es ist unbedingt erforderlich, die vollständige Kennnummer des Geräts einschließlich des Kennbuchstabens zu kennen, um mit Sicherheit die genaue Kennnummer des auszutauschenden Teils feststellen zu können.

## English

### DUCELLIER equipment and spare parts reference system

- 2164 A** → Mechanical modification index, not affecting assembly on the vehicle for which it is intended, but liable to bring about the assembly of different spare parts.
- Distributor reference.

N. B. - It is essential to know the full reference of the piece of equipment including the letter in order to be absolutely certain of the part that is to be changed.

## Espanol

### Indicaciones de referencia de los aparatos y piezas sueltas DUCELLIER

- 2164 A** → Índice de modificaciones de orden mecánico, que no son en ningún caso un obstáculo para su montaje en el vehículo para el cual habían sido previstas, pero que pueden dar lugar al montaje de piezas sueltas diferentes.
- Referencia del encendedor.

Nota. - es imprescindible conocer la referencia completa del aparato, incluida la letra, para poder determinar de una manera segura la referencia exacta de la pieza que se ha de cambiar.

## Italiano

### Indicazioni di referencia degli apparati e pezzi di ricambio DUCELLIER

- 2164 A** → Indice di modificazioni d'ordine meccanico che non disturbano per nulla il suo montaggio sul veicolo per il quale è stato previsto, ma può coinvolgere il montaggio di pezzi di ricambio differenti.
- Riferimento dello spinterogeno.

Nota. - È indispensabile conoscere il riferimento completo dell'apparecchio ivi compresa la lettera per determinare senza fallo il riferimento esatto del pezzo da cambiare.

## Nederlands

### Stocknummers DUCELLIER eenheden en onderdelen

- 2164 A** → Geeft mechanische veranderingen aan die in niets de montage op het betreffende voertuig in de weg staan, maar monteren van verschillende onderdelen kan nodig maken.
- Best nr. ontsteker.

N. B. - De volledige bestelnummer van de betreffende stukken moeten bekend zijn met begrip van de code om zeker te zijn van de juistheid van het te vervangen onderdeel.

## Portugues

### Informações dos aparelhos e peças sobressalentes DUCELLIER

- 2164 A** → Índice de modificações de ordem mecânica, não atrapalhando nada a sua montagem nos veículos para o qual foi previsto, mas que determinam a montagem de peças sobressalentes diferentes.
- Referência da ignição.

Nota. - É indispensável conhecer a referência completa do aparelho, incluindo a letra para determinar imediatamente a referência exata da peça a ser cambiada.

## Svensk

### Beteckningar för DUCELLIER apparater och detaljer

- 2164 A** → Betecknar mekaniska ändringar, som på intet sätt stör monteringen på det fordon för vilket apparaten är avsedd men som kan medföra montering av olika detaljer.
- Beteckning för tändaren.

Obs. - Man måste känna till apparatens fullständiga beteckning inklusive bokstaven för att med säkerhet kunna bestämma exakt beteckning för den detalj som skall bytas ut.

## Français

- ★ Antiparasité
- Avec prise tachymétrique
- + Antisable
- Courbe retard à dépression
- Courbe de dépression avance + retard

## Deutsch

- ★ Entstört
- Mit Drehzahlabnahme
- + Sandgeschützt
- Unterdruck nach Zündungskurve
- Unterdruckkurve für Vor- und Nachzündung

## English

- ★ Noise suppressed
- With speedometer connector
- + Sandproof
- Vacuum retard curve
- Vacuum advance + retard curve

## Espanol

- ★ Antiparasitado
- Con toma taquimétrica
- + Antiarena
- Curva de depresión-retardo
- Curva de depresión avance + retardo

## Italiano

- ★ Con copp. ant-disturbi
- Con presa tachimetrica
- + Anti-sabbia
- Curva ritardo alla depressione
- Curva depressione avanzata + ritardo

## Nederlands

- ★ Met storingsfilter
- Met snelheidsmeter aansluiting
- + Met zandveiligheid
- Onderdruk vertraging-kromme
- Vooruit onderdruk kromme vertraging

## Portugues

- ★ Anti-parasita
- Com tomada taquimétrica
- + Anti-poeira
- Curva atraso de depressão
- Curva de depressão, avanço - atraso

## Svensk

- ★ Avstörd
- Med uttag för varvräkner
- + Sandskydd
- Undertrycksfördröjningskurva
- Undertryckskurva påsmyndning + fördröjning



## Français

### Référenciation des appareils et pièces détachées DUCELLIER

**2164 A** → Indice de modifications d'ordre mécanique, ne gênant rien son montage sur le véhicule pour lequel il a été prévu, mais peut entraîner le montage de pièces détachées différentes.

→ Référence de l'allumeur.

Nota. - Il est indispensable de connaître la référence complète de l'appareil y compris la lettre pour déterminer avec précision la pièce à changer.

## Deutsch

### Benennung der DUCELLIER-Apparate und Ersatzteile

**2164 A** → Index für mechanische Änderungen, die in keiner Weise die Montage auf das Fahrzeug, für das es vorgesehen war, hindert, jedoch die Montage unterschiedlicher Ersatzteile nach sich ziehen kann.

→ Kernnummer der Zündvorrichtung.

Anmerkung. - Es ist unbedingt, die vollständige Kennnummer des Geräts einschließlich des Kennbuchstabens zu kennen, um mit Sicherheit die genaue Kennnummer des auszutauschenden Teils feststellen zu können.

## English

### DUCELLIER distributor and spare parts reference system

**2164 A** → Mechanical modification index, not affecting assembly on the vehicle for which it is intended, but liable to bring about the assembly of different spare parts.

→ Distributor reference.

N. B. - It is essential to know the full reference of the piece of equipment including the letter in order to be absolutely certain of the part that is to be changed.

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### Indicaciones de referencia de los aparatos y piezas sueltas DUCELLIER

**2164 A** → Indice de modificaciones de orden mecánico, que no son en ningún caso un obstáculo para su montaje en el vehículo para el cual habían sido previstas, pero que pueden dar lugar al montaje de piezas sueltas diferentes.

→ Referencia del encendedor.

Nota. - es imprescindible conocer la referencia completa del aparato, incluida la letra, para poder determinar de una manera segura la referencia exacta de la pieza que se ha de cambiar.

## Italiano

### Indicazioni di referenza degli apparati e pezzi di ricambio DUCELLIER

**2164 A** → Indice di modificazioni d'ordine meccanico che non disturbano per nulla il suo montaggio sul veicolo per il quale è stato previsto, ma può coinvolgere il montaggio di pezzi di ricambio differenti.

→ Riferimento dello spinterogeno.

Nota. - È indispensabile conoscere il riferimento completo dell'apparecchio ivi compresa la lettera per determinare senza fallo il riferimento esatto del pezzo da cambiare.

## Nederlands

### Stocknummers DUCELLIER eenheden en onderdelen

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N. B. - De volledige bestelnummer van de betreffende stukken moeten bekend zijn met het begrip van de code om zeker te zijn van de juistheid van het te vervangen onderdeel.

## Portugues

### Informações dos aparelhos e peças sobressalentes DUCELLIER

**2164 A** → Índice de modificações de ordem mecânica, não atrapalhando em nada a montagem nos veículos para o qual foi previsto, mas podendo determinar a montagem de peças sobressalentes diferentes.

→ Referência da ignição.

Nota. - É indispensável conhecer a referência completa do aparelho, incluindo a letra para determinar imediatamente a referência exata da peça a ser cambiada.

## Svensk

### Beteckningar för DUCELLIER apparater och detaljer

**2164 A** → Betecknar mekaniska ändringar, som på intet sätt stör monteringen på det fordon för vilket apparaten är avsedd men som kan medföra montering av olika detaljer.

→ Beteckning för tändaren.

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- Courbe de dépression avance + retard

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## English

- ★ Noise suppressed
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- + Sandproof
- Vacuum retard curve
- Vacuum advance + retard curve

## Espanol

- ★ Antiparasitado
- Con toma taquimétrica
- + Antiarena
- Curva de depresión-retardo
- Curva de depresión avance + retraso

## Italiano

- ★ Con sopral. ant. disturb.
- Con presa tachimetrica
- + Antisabbia
- Curva alla depressione
- Curva alla depressione avanzata + ritardata

## Nederlands

- ★ Met storingsfilter
- Met snelheidsmeter aansluiting
- + Met zandveiligheid
- Onderdruk vertragingsskromme
- Vooruit onderdruk kromme vertraging

## Portugues

- ★ Anti-para-sita
- Com tomada taquimétrica
- + Anti-poeira
- Curva atraso de depressão
- Curva de depressão, avanço - atraso

## Svensk

- ★ Avstörd
- Med uttag för varvtäknare
- + Sandskydd
- Undertrycksfördröjningskurva
- Undertryckskurva påsmyndning + fördröjning

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