



LEADING THROUGH INNOVATION

# V7 Plus

Aceros inoxidables  
Aceros suaves y fundición  
Materiales de dureza <40HRC

**Material:** Carburo de tungsteno submicrograno

**Recubrimiento:** Especialmente adaptado y desarrollado por YG-1

**Rango de diámetros:** Ø3mm a Ø25mm

**Tipo de fresa:** 4 dientes con chaflán de protección

**Ángulo de la hélice:** Hélice variable e indexado irregular

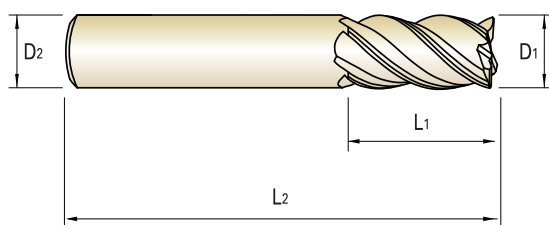
**OFERTA  
EXCEPCIONAL**

por la compra de 3 fresas del  
mismo modelo

Chamfer Geometries

Unequal Index

Multiple Helix



Unidades : mm

Ultra Micro grain Carbide

| EDP<br>Cilindrico | EDP<br>Weldon | Diámetro de<br>corte | Diámetro de<br>mango | Longitud de<br>corte | Longitud<br>Total | Chaflán | European<br>Price-list | Precio neto<br>PROMOCION | DESCUENTO<br>APLICADO |
|-------------------|---------------|----------------------|----------------------|----------------------|-------------------|---------|------------------------|--------------------------|-----------------------|
| GMF56030          | GMF57030      | 3                    | 6                    | 8                    | 57                | 0.1     | 36,89 €                | 12,91 €                  | -65%                  |
| GMF56040          | GMF57040      | 4                    | 6                    | 11                   | 57                | 0.15    | 36,89 €                | 12,91 €                  | -65%                  |
| GMF56050          | GMF57050      | 5                    | 6                    | 13                   | 57                | 0.15    | 36,89 €                | 12,91 €                  | -65%                  |
| GMF56060          | GMF57060      | 6                    | 6                    | 13                   | 57                | 0.2     | 36,89 €                | 12,91 €                  | -65%                  |
| GMF56080          | GMF57080      | 8                    | 8                    | 19                   | 63                | 0.2     | 52,19 €                | 18,27 €                  | -65%                  |
| GMF56100          | GMF57100      | 10                   | 10                   | 22                   | 72                | 0.3     | 83,41 €                | 29,19 €                  | -65%                  |
| GMF56120          | GMF57120      | 12                   | 12                   | 26                   | 83                | 0.35    | 113,76 €               | 39,82 €                  | -65%                  |
| GMF56160          | GMF57160      | 16                   | 16                   | 32                   | 92                | 0.4     | 205,10 €               | 71,79 €                  | -65%                  |
| GMF56200          | GMF57200      | 20                   | 20                   | 38                   | 104               | 0.5     | 363,56 €               | 127,25 €                 | -65%                  |
| GMF56250          | GMF57250      | 25                   | 25                   | 38                   | 104               | 0.5     | 511,56 €               | 179,05 €                 | -65%                  |

Mill Dia.  
Tolerance(mm)

0~-0.03

Shank Dia.  
Tolerance

h6

## Oferta valida hasta el 31 de diciembre 2025 \*

Para más información sobre las condiciones de corte, contactenos!

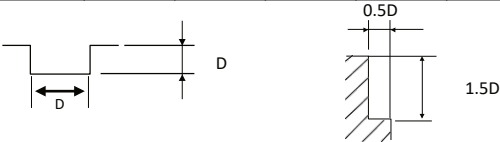
+Herramientas YG-1, S.L. C/Nord, 22 08329 Teià (Barcelona)

+ 34 938 297 275 -www.yg1.kr

\* Dentro de los límites de stock disponible

CONDICIONES DE CORTE

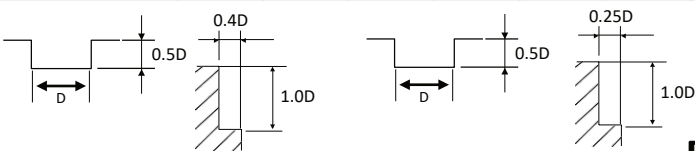
| MATERIAL    | P                                                                         |        |     |       |                                                                               |        |     |       |                                                                                                   |        |    |       |
|-------------|---------------------------------------------------------------------------|--------|-----|-------|-------------------------------------------------------------------------------|--------|-----|-------|---------------------------------------------------------------------------------------------------|--------|----|-------|
|             | ACEROSAL CARBONO                                                          |        |     |       | ACEROSALEADOS                                                                 |        |     |       | ACEROSDE HERRAMIENTAS                                                                             |        |    |       |
|             | 1.1191(C45)<br>1.0726(35 S 20)<br>1.0715(9 SMn 28)<br>1.0718(9 SMn Pb 28) |        |     |       | 1.2330(35 Cr Mo 4)<br>1.6565(40NiCrMo6)<br>1.7033(34Cr4)<br>1.6523(2 NiCrMo2) |        |     |       | 1.2363(X100 CrMoV 5 1)<br>1.2379(X 155 CrMoV 12 1)<br>1.2344(X 40 CrMoV 5 1)<br>1.3243(S 6-5-2-5) |        |    |       |
| DUREZA      | ~ HB 300                                                                  |        |     |       | HB 300 ~ HB 380                                                               |        |     |       | ~ HB 380                                                                                          |        |    |       |
| RESISTENCIA | ~ 1000N/mm²                                                               |        |     |       | 1000N/ mm² ~ 1300N/mm²                                                        |        |     |       | ~ 1300N/mm²                                                                                       |        |    |       |
| DIAMETRO    | RPM                                                                       | AVANCE | Vc  | fz    | RPM                                                                           | AVANCE | Vc  | fz    | RPM                                                                                               | AVANCE | Vc | fz    |
| 3.00        | 16170                                                                     | 330    | 152 | 0.005 | 11315                                                                         | 230    | 107 | 0.005 | 6790                                                                                              | 95     | 64 | 0.003 |
| 4.00        | 12125                                                                     | 395    | 152 | 0.008 | 8485                                                                          | 275    | 107 | 0.008 | 5090                                                                                              | 115    | 64 | 0.006 |
| 5.00        | 9700                                                                      | 445    | 152 | 0.011 | 6790                                                                          | 310    | 107 | 0.011 | 4075                                                                                              | 130    | 64 | 0.008 |
| 6.00        | 8080                                                                      | 520    | 152 | 0.016 | 5655                                                                          | 365    | 107 | 0.016 | 3395                                                                                              | 150    | 64 | 0.011 |
| 8.00        | 6060                                                                      | 665    | 152 | 0.027 | 4240                                                                          | 460    | 107 | 0.027 | 2545                                                                                              | 190    | 64 | 0.019 |
| 10.00       | 5345                                                                      | 820    | 168 | 0.038 | 3740                                                                          | 575    | 117 | 0.038 | 2240                                                                                              | 240    | 70 | 0.027 |
| 12.00       | 4450                                                                      | 835    | 168 | 0.047 | 3100                                                                          | 580    | 117 | 0.047 | 1860                                                                                              | 240    | 70 | 0.032 |
| 14.00       | 3815                                                                      | 745    | 168 | 0.049 | 2670                                                                          | 520    | 117 | 0.049 | 1600                                                                                              | 215    | 70 | 0.034 |
| 16.00       | 3340                                                                      | 710    | 168 | 0.053 | 2330                                                                          | 490    | 117 | 0.053 | 1400                                                                                              | 205    | 70 | 0.037 |
| 18.00       | 2970                                                                      | 700    | 168 | 0.059 | 2075                                                                          | 490    | 117 | 0.059 | 1245                                                                                              | 205    | 70 | 0.041 |
| 20.00       | 2670                                                                      | 695    | 168 | 0.065 | 1870                                                                          | 485    | 117 | 0.065 | 1120                                                                                              | 200    | 70 | 0.045 |
| 25.00       | 2140                                                                      | 550    | 168 | 0.064 | 1495                                                                          | 380    | 117 | 0.064 | 895                                                                                               | 160    | 70 | 0.045 |



| MATERIAL | M                                                                                                         |        |     |       |                                        |        |     |       |                        |        |    |       |
|----------|-----------------------------------------------------------------------------------------------------------|--------|-----|-------|----------------------------------------|--------|-----|-------|------------------------|--------|----|-------|
|          | ACEROSINOXIDABLES 300                                                                                     |        |     |       | ACEROSINOXIDABLES 400                  |        |     |       | ACEROSINOXIDABLES (PH) |        |    |       |
|          | 300 1.4301(X 5 CrNi 18 9)<br>1.4436(X 5 CrNiMo 17 13 3)<br>1.4306(X2CrNi18 9)<br>1.4435(X2 CrNiMo18 14 3) |        |     |       | 1.4005(X12Cr813)<br>1.4104(X12CrMo517) |        |     |       | 1.4545(Z7 CNU15.05)    |        |    |       |
| DIAMETRO | RPM                                                                                                       | AVANCE | Vc  | fz    | RPM                                    | AVANCE | Vc  | fz    | RPM                    | AVANCE | Vc | fz    |
| 3.00     | 11205                                                                                                     | 210    | 106 | 0.005 | 15690                                  | 225    | 148 | 0.004 | 10085                  | 185    | 95 | 0.005 |
| 4.00     | 8400                                                                                                      | 275    | 106 | 0.008 | 11740                                  | 280    | 148 | 0.006 | 7560                   | 245    | 95 | 0.008 |
| 5.00     | 6725                                                                                                      | 340    | 106 | 0.013 | 9405                                   | 340    | 148 | 0.009 | 6055                   | 305    | 95 | 0.013 |
| 6.00     | 5605                                                                                                      | 395    | 106 | 0.018 | 7845                                   | 395    | 148 | 0.013 | 5045                   | 355    | 95 | 0.018 |
| 8.00     | 4205                                                                                                      | 475    | 106 | 0.028 | 5880                                   | 510    | 148 | 0.022 | 3785                   | 425    | 95 | 0.028 |
| 10.00    | 3365                                                                                                      | 645    | 106 | 0.048 | 4705                                   | 640    | 148 | 0.034 | 3030                   | 580    | 95 | 0.048 |
| 12.00    | 2800                                                                                                      | 620    | 106 | 0.055 | 3925                                   | 620    | 148 | 0.039 | 2520                   | 555    | 95 | 0.055 |
| 14.00    | 2400                                                                                                      | 570    | 106 | 0.059 | 3365                                   | 570    | 148 | 0.042 | 2160                   | 510    | 95 | 0.059 |
| 16.00    | 2105                                                                                                      | 525    | 106 | 0.062 | 2940                                   | 525    | 148 | 0.045 | 1895                   | 470    | 95 | 0.062 |
| 18.00    | 1870                                                                                                      | 520    | 106 | 0.07  | 2615                                   | 520    | 148 | 0.05  | 1685                   | 465    | 95 | 0.069 |
| 20.00    | 1680                                                                                                      | 515    | 106 | 0.077 | 2355                                   | 515    | 148 | 0.055 | 1515                   | 460    | 95 | 0.076 |
| 25.00    | 1345                                                                                                      | 415    | 106 | 0.077 | 1885                                   | 415    | 148 | 0.055 | 1215                   | 370    | 95 | 0.076 |



| MATERIAL | S                                 |        |    |       |                              |        |    |       |
|----------|-----------------------------------|--------|----|-------|------------------------------|--------|----|-------|
|          | TITANIOS                          |        |    |       | ACEROS SÚPER ALEADOS         |        |    |       |
|          | Ti6Al4V<br>Ti5Al5V5Mo<br>Ti7Al4Mo |        |    |       | INCONEL<br>HASTELLOY<br>RENE |        |    |       |
| DIAMETRO | RPM                               | AVANCE | Vc | fz    | RPM                          | AVANCE | Vc | fz    |
| 3.00     | 6165                              | 100    | 58 | 0.004 | 2805                         | 35     | 26 | 0.003 |
| 4.00     | 4620                              | 135    | 58 | 0.007 | 2100                         | 45     | 26 | 0.005 |
| 5.00     | 3700                              | 165    | 58 | 0.011 | 1685                         | 55     | 26 | 0.008 |
| 6.00     | 3085                              | 195    | 58 | 0.016 | 1405                         | 65     | 26 | 0.012 |
| 8.00     | 2315                              | 235    | 58 | 0.025 | 1050                         | 80     | 26 | 0.019 |
| 10.00    | 1855                              | 315    | 58 | 0.042 | 840                          | 110    | 26 | 0.033 |
| 12.00    | 1540                              | 305    | 58 | 0.050 | 700                          | 105    | 26 | 0.038 |
| 14.00    | 1320                              | 280    | 58 | 0.053 | 600                          | 95     | 26 | 0.040 |
| 16.00    | 1160                              | 255    | 58 | 0.055 | 525                          | 90     | 26 | 0.043 |
| 18.00    | 1030                              | 255    | 58 | 0.062 | 465                          | 90     | 26 | 0.048 |
| 20.00    | 925                               | 250    | 58 | 0.068 | 420                          | 90     | 26 | 0.054 |
| 25.00    | 740                               | 205    | 58 | 0.069 | 335                          | 70     | 26 | 0.052 |



VALORES  
RPM = Revoluciones/min.  
Avance = mm./min.  
Vc = m/min.  
fz = mm/diente

Distribuido por:



Herramientas YG-1  
www.yg1.kr

SPAIN V7-24

TECNOVOATOOLS, S.L.  
SUMINISTROS DE MECANIZADO

C/ GALILEO GALILEI, 200 - P.I. PORCEYO - 33211 - GIJÓN (ASTURIAS)  
INFO@TECNOVOATOOLS.COM - TEL. 984 29 17 61