

Ref. **9437**

**FRESA METAL DURO 3Z ALUMINIO 45° PULIDO ESPEJO**

Mirror Polished 45° Aluminium 3Z Carbide End Mill

Fraise Carbure 3Z Aluminium 45° Polyglass



MD/HM/Carbure  
Grano UF

IZAR  
Std.



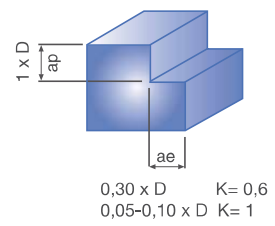
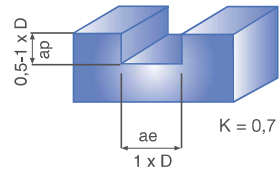
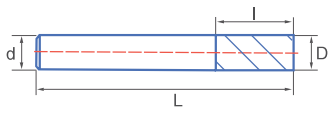
3 Z



45°



Tol.  
D (h10)  
d (h6)

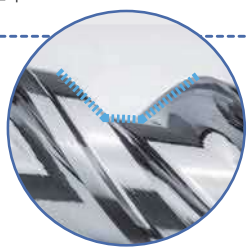


| Material |      | Vc          | Avances fz*/rev. (mm/min.) Feed / Pas |       |       |       |       |       |       |  |
|----------|------|-------------|---------------------------------------|-------|-------|-------|-------|-------|-------|--|
| Grupo    | Sub. | MD/HM/Carb. | Ø 4                                   | Ø 6   | Ø 8   | Ø 10  | Ø 12  | Ø 16  | Ø 20  |  |
| N        | N.1  | 180-250     | 0,020                                 | 0,040 | 0,040 | 0,060 | 0,060 | 0,080 | 0,120 |  |
|          | N.2  | 180-250     | 0,020                                 | 0,040 | 0,040 | 0,060 | 0,060 | 0,080 | 0,120 |  |
|          | N.3  | 350-500     | 0,035                                 | 0,060 | 0,060 | 0,070 | 0,070 | 0,090 | 0,120 |  |
|          | N.4  | 350-450     | 0,035                                 | 0,060 | 0,060 | 0,070 | 0,070 | 0,090 | 0,120 |  |
|          | N.5  | 190-290     | 0,035                                 | 0,050 | 0,050 | 0,070 | 0,070 | 0,090 | 0,120 |  |

\* vf (mm/min.) = r.p.m. x Z x fz x K  
(K = Coeficiente Corrección / Correction Coefficient / Coefficient de Correction)

Vc = m/min.

$$r.p.m. = \frac{Vc \times 1.000}{\pi \times \phi}$$



- Diseño especial del canal para una óptima evacuación de la viruta.
- Special wide-space flute design for an excellent chip extraction.
- Conception spéciale des goujures avec grand espace pour une excellente extraction des copeaux
- Permite avances elevados y mejores acabados en altas velocidades.
- Suitable for high feeds. Better finishing surface at high speed machining.
- Il permet des avancées élevées et meilleures finitions à grande vitesse

| D     | d     | L   | l  | Z | N° Art. MD/HM | €      |
|-------|-------|-----|----|---|---------------|--------|
| 4,00  | 6,00  | 50  | 12 | 3 | 77214         | 29,18  |
| 6,00  | 6,00  | 50  | 15 | 3 | 77215         | 32,42  |
| 8,00  | 8,00  | 60  | 20 | 3 | 77216         | 48,64  |
| 10,00 | 10,00 | 75  | 30 | 3 | 77217         | 63,92  |
| 12,00 | 12,00 | 75  | 30 | 3 | 77218         | 87,55  |
| 16,00 | 16,00 | 100 | 40 | 3 | 77219         | 134,33 |

DIN 6535 HB  
Bajo demanda / upon request / sur demande