

2412

HM-MD



| P       |         |        |        | M      |        | K       |         |        | N       |        |         |         | S     |       | H      |        |        |
|---------|---------|--------|--------|--------|--------|---------|---------|--------|---------|--------|---------|---------|-------|-------|--------|--------|--------|
| <800    | <1.000  | <1.200 | <1.400 | <950   | <1.200 | <500    | <800    | <1.400 | Al      | Cu     | Mg/Zn   | Plastic | Ni    | Ti    | 50 HRC | 55 HRC | 60 HRC |
| ●       | ●       | ●      | ●      | ●      | ●      | ●       | ●       | ●      | ●       | ●      | ●       | ●       | ●     | ●     | ●      | ●      | ○      |
| 120-200 | 100-140 | 80-120 | 70-110 | 90-180 | 70-120 | 120-180 | 100-150 | 80-120 | 200-900 | 60-150 | 100-140 | 70-170  | 50-80 | 30-80 | 60-100 | 30-60  | 20-40  |

Vc (m/min). ● Optima / Optimun ○ Alternativo / Alternative



| Ø          | P  | d<br>mm | D<br>mm | z | l<br>mm | L<br>mm |
|------------|----|---------|---------|---|---------|---------|
| 1/16 - 1/8 | 28 | 6       | 6       | 3 | 10,43   | 63      |
| 1/4 - 3/8  | 19 | 8       | 8       | 3 | 15,37   | 63      |
| 1/4 - 3/8  | 19 | 10      | 10      | 4 | 22,06   | 76      |
| 1/2 - 7/8  | 14 | 12      | 12      | 4 | 20,86   | 83      |
| 1/2 - 7/8  | 14 | 12      | 12      | 4 | 28,12   | 83      |
| 1/2 - 7/8  | 11 | 16      | 16      | 5 | 28,12   | 89      |
| 1 - 1 1/2  | 11 | 12      | 12      | 3 | 26,55   | 83      |
| 1 - 3"     | 11 | 16      | 16      | 4 | 40,41   | 100     |
| ≥ 1        | 11 | 20      | 20      | 5 | 49,65   | 120     |