

1184

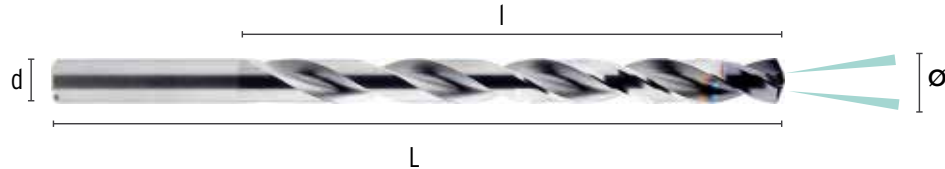
HM-MD

12XD



| Avance/feed | 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 |
|             | 40-90     | 35-55     | 30-50     | 25-40     | 35-55     |        | 60-120    | 60-90     | 30-50     |    |    |       |         | 15-25     |    |        |        |        |
|             | ●         | ●         | ●         | ●         | ●         |        | ●         | ●         | ●         |    |    |       |         | ●         |    |        |        |        |
| Ø2          | 0,08-0,14 | 0,06-0,10 | 0,04-0,08 | 0,03-0,06 | 0,04-0,08 |        | 0,08-0,12 | 0,06-0,10 | 0,03-0,06 |    |    |       |         | 0,03-0-05 |    |        |        |        |
| Ø5          | 0,16-0,28 | 0,12-0,20 | 0,08-0,16 | 0,06-0,12 | 0,08-0,16 |        | 0,16-0,24 | 0,12-0,20 | 0,06-0,12 |    |    |       |         | 0,05-0,08 |    |        |        |        |
| Ø10         | 0,25-0,45 | 0,20-0,32 | 0,12-0,26 | 0,08-0,20 | 0,12-0,26 |        | 0,25-0,38 | 0,20-0,32 | 0,08-0,20 |    |    |       |         | 0,08-0,12 |    |        |        |        |
| Ø15         | 0,32-0,55 | 0,25-0,40 | 0,15-0,32 | 0,10-0,25 | 0,15-0,32 |        | 0,32-0,48 | 0,25-0,40 | 0,10-0,25 |    |    |       |         | 0,12-0,16 |    |        |        |        |
| Ø20         | 0,4-0,68  | 0,30-0,50 | 0,18-0,40 | 0,12-0,30 | 0,18-0,40 |        | 0,40-0,60 | 0,30-0,50 | 0,12-0,30 |    |    |       |         | 0,16-0,20 |    |        |        |        |

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



| Ø mm  | d mm | L mm | l mm |  | Ø mm   | d mm | L mm | l mm |  |
|-------|------|------|------|-----------------------------------------------------------------------------------|--------|------|------|------|-------------------------------------------------------------------------------------|
| 3,00  | 6    | 90   | 50   | 1                                                                                 | 8,20*  | 10   | 162  | 110  | 1                                                                                   |
| 3,10* | 6    | 92   | 48   | 1                                                                                 | 8,30*  | 10   | 162  | 110  | 1                                                                                   |
| 3,20* | 6    | 92   | 48   | 1                                                                                 | 8,40*  | 10   | 162  | 110  | 1                                                                                   |
| 3,30  | 6    | 90   | 50   | 1                                                                                 | 8,50   | 10   | 162  | 120  | 1                                                                                   |
| 3,4*  | 6    | 92   | 48   | 1                                                                                 | 8,60*  | 10   | 162  | 110  | 1                                                                                   |
| 3,50  | 6    | 90   | 50   | 1                                                                                 | 8,70*  | 10   | 162  | 110  | 1                                                                                   |
| 3,60* | 6    | 92   | 48   | 1                                                                                 | 8,80*  | 10   | 162  | 110  | 1                                                                                   |
| 3,70  | 6    | 90   | 50   | 1                                                                                 | 8,90*  | 10   | 162  | 110  | 1                                                                                   |
| 3,80* | 6    | 102  | 58   | 1                                                                                 | 9,00   | 10   | 162  | 120  | 1                                                                                   |
| 3,9*  | 6    | 102  | 58   | 1                                                                                 | 9,10*  | 10   | 162  | 110  | 1                                                                                   |
| 4,00  | 6    | 102  | 64   | 1                                                                                 | 9,20*  | 10   | 162  | 110  | 1                                                                                   |
| 4,10* | 6    | 102  | 58   | 1                                                                                 | 9,30*  | 10   | 162  | 110  | 1                                                                                   |
| 4,20  | 6    | 102  | 64   | 1                                                                                 | 9,40*  | 10   | 162  | 110  | 1                                                                                   |
| 4,30* | 6    | 102  | 58   | 1                                                                                 | 9,50   | 10   | 162  | 120  | 1                                                                                   |
| 4,4*  | 6    | 102  | 58   | 1                                                                                 | 9,60*  | 10   | 162  | 110  | 1                                                                                   |
| 4,60* | 6    | 102  | 58   | 1                                                                                 | 9,70*  | 10   | 162  | 110  | 1                                                                                   |
| 4,50  | 6    | 102  | 64   | 1                                                                                 | 9,80*  | 10   | 162  | 110  | 1                                                                                   |
| 4,70  | 6    | 102  | 64   | 1                                                                                 | 9,90*  | 10   | 162  | 110  | 1                                                                                   |
| 4,80* | 6    | 118  | 70   | 1                                                                                 | 10,00  | 10   | 162  | 120  | 1                                                                                   |
| 4,90* | 6    | 118  | 70   | 1                                                                                 | 10,10* | 12   | 204  | 142  | 1                                                                                   |
| 5,00  | 6    | 116  | 78   | 1                                                                                 | 10,20  | 12   | 204  | 156  | 1                                                                                   |
| 5,1*  | 6    | 118  | 70   | 1                                                                                 | 10,30* | 12   | 204  | 142  | 1                                                                                   |
| 5,20* | 6    | 118  | 70   | 1                                                                                 | 10,40* | 12   | 204  | 142  | 1                                                                                   |
| 5,30* | 6    | 118  | 70   | 1                                                                                 | 10,50  | 12   | 204  | 156  | 1                                                                                   |
| 5,40* | 6    | 118  | 70   | 1                                                                                 | 10,60* | 12   | 204  | 142  | 1                                                                                   |
| 5,50  | 6    | 116  | 78   | 1                                                                                 | 10,70* | 12   | 204  | 142  | 1                                                                                   |
| 5,60* | 6    | 118  | 70   | 1                                                                                 | 10,80* | 12   | 204  | 142  | 1                                                                                   |
| 5,70* | 6    | 118  | 70   | 1                                                                                 | 10,90* | 12   | 204  | 142  | 1                                                                                   |
| 5,80* | 6    | 118  | 70   | 1                                                                                 | 11,00  | 12   | 204  | 156  | 1                                                                                   |
| 5,90* | 6    | 118  | 70   | 1                                                                                 | 11,10* | 12   | 204  | 142  | 1                                                                                   |
| 6,00  | 6    | 116  | 78   | 1                                                                                 | 11,20* | 12   | 204  | 142  | 1                                                                                   |
| 6,10* | 8    | 146  | 94   | 1                                                                                 | 11,30* | 12   | 204  | 142  | 1                                                                                   |
| 6,20* | 8    | 146  | 94   | 1                                                                                 | 11,40* | 12   | 204  | 142  | 1                                                                                   |
| 6,30* | 8    | 146  | 94   | 1                                                                                 | 11,50* | 12   | 204  | 142  | 1                                                                                   |
| 6,40* | 8    | 146  | 94   | 1                                                                                 | 11,60* | 12   | 204  | 142  | 1                                                                                   |
| 6,50  | 8    | 146  | 108  | 1                                                                                 | 11,70* | 12   | 204  | 142  | 1                                                                                   |
| 6,60* | 8    | 146  | 94   | 1                                                                                 | 11,80* | 12   | 204  | 142  | 1                                                                                   |
| 6,70* | 8    | 146  | 94   | 1                                                                                 | 11,90* | 12   | 204  | 142  | 1                                                                                   |
| 6,80  | 8    | 146  | 108  | 1                                                                                 | 12,00  | 12   | 204  | 156  | 1                                                                                   |
| 6,90* | 8    | 146  | 94   | 1                                                                                 | 12,50* | 14   | 230  | 166  | 1                                                                                   |
| 7,00  | 8    | 146  | 108  | 1                                                                                 | 12,70* | 14   | 230  | 166  | 1                                                                                   |
| 7,10* | 8    | 146  | 94   | 1                                                                                 | 13,00  | 14   | 230  | 182  | 1                                                                                   |
| 7,20* | 8    | 146  | 94   | 1                                                                                 | 13,50* | 14   | 230  | 166  | 1                                                                                   |
| 7,3*  | 8    | 146  | 94   | 1                                                                                 | 13,80* | 14   | 230  | 166  | 1                                                                                   |
| 7,40* | 8    | 146  | 94   | 1                                                                                 | 14,00  | 14   | 230  | 182  | 1                                                                                   |
| 7,50  | 8    | 146  | 108  | 1                                                                                 | 14,50* | 16   | 260  | 192  | 1                                                                                   |
| 7,60* | 8    | 146  | 94   | 1                                                                                 | 14,80* | 16   | 260  | 192  | 1                                                                                   |
| 7,70* | 8    | 146  | 94   | 1                                                                                 | 15,00  | 16   | 260  | 208  | 1                                                                                   |
| 7,80* | 8    | 146  | 94   | 1                                                                                 | 15,50* | 16   | 260  | 192  | 1                                                                                   |
| 7,9*  | 8    | 146  | 94   | 1                                                                                 | 15,80* | 16   | 260  | 192  | 1                                                                                   |
| 8,00  | 8    | 146  | 108  | 1                                                                                 | 16,00  | 16   | 260  | 208  | 1                                                                                   |
| 8,10* | 10   | 162  | 110  | 1                                                                                 |        |      |      |      |                                                                                     |

\* Bajo demanda / Sur demande / Upon request / auf Anfrage