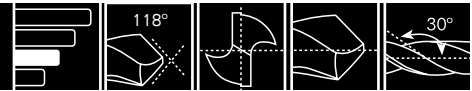


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HSS DIN 345 N



|             |     | 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 |
|             |     | ●<br>15-35 |        |        |        |      |           | ●<br>25-30 | ●<br>12-16 |           | ○<br>50-60 | ●<br>30-60 |           | ○<br>20-25 |    |    |        |        |        |
| Avance/feed | Ø2  | 0,02-0,06  |        |        |        |      | 0,04-0,06 | 0,04-0,06  |            | 0,02-0,05 | 0,02-0,05  |            | 0,03-0,04 |            |    |    |        |        |        |
|             | Ø5  | 0,08-0,12  |        |        |        |      | 0,08-0,12 | 0,05-0,12  |            | 0,05-0,12 | 0,05-0,10  |            | 0,06-0,07 |            |    |    |        |        |        |
|             | Ø10 | 0,12-0,30  |        |        |        |      | 0,20-0,30 | 0,18-0,30  |            | 0,18-0,24 | 0,18-0,24  |            | 0,12-0,13 |            |    |    |        |        |        |
|             | Ø15 | 0,18-0,40  |        |        |        |      | 0,30-0,40 | 0,20-0,40  |            | 0,20-0,32 | 0,20-0,32  |            | 0,16-0,17 |            |    |    |        |        |        |
|             | Ø20 | 0,22-0,46  |        |        |        |      | 0,35-0,46 | 0,25-0,46  |            | 0,25-0,37 | 0,25-0,37  |            | 0,25-0,26 |            |    |    |        |        |        |

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



|    | Ø      | L   | l   |   |
|----|--------|-----|-----|---|
| mm | mm     | mm  | mm  |   |
| 1  | 1/2"   | 182 | 101 | 1 |
| 1  | 33/64" | 182 | 101 | 1 |
| 1  | 17/32" | 189 | 108 | 1 |
| 1  | 35/64" | 189 | 108 | 1 |
| 2  | 9/16"  | 212 | 114 | 1 |
| 2  | 37/64" | 212 | 114 | 1 |
| 2  | 19/32" | 218 | 120 | 1 |
| 2  | 39/64" | 218 | 120 | 1 |
| 2  | 5/8"   | 218 | 120 | 1 |
| 2  | 41/64" | 223 | 125 | 1 |
| 2  | 21/32" | 223 | 125 | 1 |
| 2  | 43/64" | 223 | 125 | 1 |
| 2  | 11/16" | 228 | 130 | 1 |
| 2  | 45/64" | 228 | 130 | 1 |
| 2  | 23/32" | 233 | 135 | 1 |
| 2  | 47/64" | 233 | 135 | 1 |
| 2  | 3/4"   | 238 | 140 | 1 |
| 2  | 49/64" | 238 | 140 | 1 |
| 2  | 25/32" | 238 | 140 | 1 |
| 2  | 51/64" | 243 | 145 | 1 |
| 2  | 13/16" | 243 | 145 | 1 |
| 2  | 53/64" | 243 | 145 | 1 |
| 2  | 27/32" | 248 | 150 | 1 |
| 2  | 55/64" | 248 | 150 | 1 |
| 2  | 7/8"   | 248 | 150 | 1 |
| 2  | 57/64" | 253 | 155 | 1 |

|    | Ø        | L   | l   |   |
|----|----------|-----|-----|---|
| mm | mm       | mm  | mm  |   |
| 2  | 29/32"   | 253 | 155 | 1 |
| 3  | 59/64"   | 276 | 155 | 1 |
| 3  | 15/16"   | 281 | 160 | 1 |
| 3  | 61/64"   | 281 | 160 | 1 |
| 3  | 31/32"   | 281 | 160 | 1 |
| 3  | 63/64"   | 286 | 160 | 1 |
| 3  | 1"       | 290 | 170 | 1 |
| 3  | 1-1/16"  | 291 | 170 | 1 |
| 3  | 1-1/8"   | 296 | 175 | 1 |
| 3  | 1-5/32"  | 296 | 175 | 1 |
| 3  | 1-3/16"  | 301 | 180 | 1 |
| 3  | 1-7/32"  | 301 | 180 | 1 |
| 3  | 1-1/4"   | 306 | 185 | 1 |
| 4  | 1-9/32"  | 334 | 185 | 1 |
| 4  | 1-5/16"  | 334 | 185 | 1 |
| 4  | 1-11/32" | 339 | 190 | 1 |
| 4  | 1-3/8"   | 339 | 190 | 1 |
| 4  | 1-13/32" | 344 | 195 | 1 |
| 4  | 1-7/16"  | 344 | 195 | 1 |
| 4  | 1-1/2"   | 349 | 200 | 1 |
| 4  | 1-9/16"  | 349 | 200 | 1 |
| 4  | 1-5/8"   | 354 | 205 | 1 |
| 4  | 1-11/16" | 359 | 210 | 1 |
| 4  | 1-3/4"   | 359 | 210 | 1 |
| 4  | 2"       | 374 | 225 | 1 |