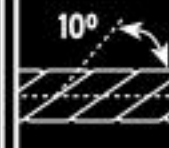


# 4109

# HSS DIN 219

Form.

**B**



Tol.

**H7**

ISO

**2402**

| 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 |
| ●    | ○      |        |        | ●    |        | ●     | ●    |        | ●     | ●     | ○     | ●       | ○   | ●   |        |        |        |
| 8-14 | 6-8    |        |        | 6-8  |        | 12-16 | 6-12 |        | 14-25 | 16-25 | 12-16 | 8-14    | 1-3 | 2-8 |        |        |        |

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



| Ø mm  | Ø int. |
|-------|--------|
| 32,00 | 16,00  |
| 34,00 | 16,00  |
| 36,00 | 19,00  |
| 38,00 | 19,00  |
| 42,00 | 19,00  |
| 45,00 | 22,00  |
| 47,00 | 22,00  |
| 48,00 | 22,00  |
| 52,00 | 27,00  |

| L mm | l mm |   |
|------|------|---|
| 50   | 36   | 1 |
| 50   | 36   | 1 |
| 56   | 40   | 1 |
| 56   | 40   | 1 |
| 56   | 40   | 1 |
| 63   | 45   | 1 |
| 63   | 45   | 1 |
| 63   | 45   | 1 |
| 71   | 50   | 1 |

| Ø mm  | Ø int. |
|-------|--------|
| 55,00 | 27,00  |
| 58,00 | 27,00  |
| 62,00 | 32,00  |
| 65,00 | 32,00  |
| 70,00 | 32,00  |
| 72,00 | 40,00  |
| 75,00 | 40,00  |
| 80,00 | 40,00  |

| L mm | l mm |   |
|------|------|---|
| 71   | 50   | 1 |
| 71   | 50   | 1 |
| 80   | 56   | 1 |
| 80   | 56   | 1 |
| 80   | 56   | 1 |
| 90   | 63   | 1 |
| 90   | 63   | 1 |
| 90   | 63   | 1 |