Grundloch-Maschinengewindebohrer, TANDEM

Fortsetzung

| | | | | | format) | format) | |
|--------------------|-------------|----------|-----------------|------------|----------|---------|----------|
| | | | | | 1796 | 1797 | Bestell- |
| Gewinde x Steigung | Gesamtlänge | Schaft-Ø | Schaft-Vierkant | Kernloch-Ø | dampf. | TiN | Nr. |
| mm | mm | mm | mm | mm | € | € | |
| M8 x 1 | 90 | 6 | 4,9 | 7 | 21,30 | 35,00 | 0015 |
| M10 x 1 | 90 | 7 | 5,5 | 9 | 22,20 | 45,40 | 0017 |
| M10 x 1,25 | 100 | 7 | 5,5 | 8,8 | 24,50 | 44,20 | 0018 |
| M12 x 1 | 100 | 9 | 7 | 11 | 29,70 | 51,90 | 0019 |
| M12 x 1,25 | 100 | 9 | 7 | 10,8 | 35,00 | 56,50 | 0020 |
| M12 x 1,5 | 100 | 9 | 7 | 10,5 | 26,20 | 50,10 | 0021 |
| M14 x 1 | 100 | 11 | 9 | 13 | 39,00 | 60,60 | 0022 |
| M14 x 1,5 | 100 | 11 | 9 | 12,5 | 35,50 | 59,40 | 0023 |
| M16 x 1 | 100 | 12 | 9 | 15 | 41,90 | _ | 0024 |
| M16 x 1,5 | 100 | 12 | 9 | 14,5 | 40,80 | 76,90 | 0025 |
| M18 x 1,5 | 110 | 14 | 11 | 16,5 | _ | 100,00 | 0027 |
| M20 x 1,5 | 125 | 16 | 12 | 18,5 | 51,90 | 114,00 | 0029 |
| M22 x 1,5 | 125 | 18 | 14,5 | 20,5 | _ | 126,00 | 0031 |
| M24 x 1,5 | 140 | 18 | 14,5 | 22,5 | _ | 128,00 | 0033 |
| M24 x 2 | 140 | 18 | 14,5 | 22 | _ | 149,00 | 0035 |
| | | | | | (W163) | (W163) | |

Durchgangsloch-Maschinengewindebohrer

Anwendung: Für Rohrgewinde DIN ISO 228 (DIN 259).







| Einsatz | satz STAHL | | INOX | | | GUSS | | SONDLEG. | NE-METALLE | | | GEHÄRTETER STAHL | | | 1 | | |
|------------------------|----------------|-----------------|-----------------------------|----------------------|-------------------|--------|------------|----------|----------------------|----------------|---------------|----------------------------|---------------------------------|-------------|-------------|-------------|----------------|
| | < 700 N/mm² | < 1000 N/mm² | < 1400 N/mm ² | ferrit./ martens. | austeni- tisch | Duplex | GG/ GTS | GGG | Titan > 850 N/mm² | Alu < 8% Si | Alu> 8% Si | Kupfer/ Kupfer- Leg. | Graphit/ GFK/CFK/ Duropl. | < 55 HRC | < 60 HRC | > 60 HRC | Bestell Nr. |
| V _c [m/min] | 10 | 8 | 6 | _ | _ | - | - | - | _ | 20 | - | - | _ | _ | - | _ | 1763 |
| | 10 | 6 | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | 1744 |

| | | | | | | | format processoul quality | EUHRINE | |
|---------------|-----------|----------------|-------------|----------|-----------------|------------|------------------------------|----------------|----------|
| | | | | | | | 1763 | 1744 | Bestell- |
| Gewinde | Gewinde-Ø | | Gesamtlänge | Schaft-Ø | Schaft-Vierkant | Kernloch-Ø | blank | dampf. | Nr. |
| Zoll | mm | Gänge pro Zoll | mm | mm | mm | mm | € | € | |
| G 1/8 | 9,728 | 28 | 90 | 7 | 5,5 | 8,8 | 23,50 | 54,30 | 0001 |
| G 1/4 | 13,157 | 19 | 100 | 11 | 9 | 11,8 | 31,10 | 68,50 | 0003 |
| G 3/8 | 16,662 | 19 | 100 | 12 | 9 | 15,25 | 39,40 | 96,10 | 0005 |
| G 1/2 | 20,955 | 14 | 125 | 16 | 12 | 19 | 52,70 | 128,50 | 0007 |
| G 3/4 | 26,441 | 14 | 140 | 20 | 16 | 24,5 | 83,80 | 229,00 | 0009 |
| G 1* | 33,249 | 11 | 160 | 25 | 20 | 30,75 | 117,50 | 272,50 | 0011 |
| G 1.1/4* | 41,91 | 11 | 170 | 32 | 24 | 39,5 | 194,00 | 416,00 | 0015 |
| G 1.1/2* | 47,803 | 11 | 190 | 36 | 29 | 45,25 | 267,50 | 584,50 | 0017 |
| uoführung UCC | | | | | | | (W164) | (W165) | |

^{*} Ausführung HSS.