

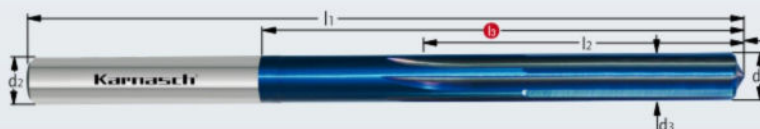
22 1490

Vollhartmetall Maschinenreibahle für die Hartbearbeitung HHC, < 67 HRC, gerade genutet, rechtsschneidend  
Micro grain machine reamers for high hard material HHC < 67 HRC straight fluted, right hand cut

HRC  
55-67

GJL

GJS


MICRO  
GRAIN

KARNASCH  
NORM

SPEZIAL  
SPECIAL

DIN 6535  
Form HA


HHC



FX-70


Schnittdaten  
Cutting data

Zeichnungen  
Drawings


1439

DXF/STEP

| Art.         | d1 H7 | l3  | d2 h7 | l2 | l1  | Z |
|--------------|-------|-----|-------|----|-----|---|
| 22 1490 0297 | 2,97  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0298 | 2,98  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0299 | 2,99  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0300 | 3,00  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0301 | 3,01  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0302 | 3,02  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0303 | 3,03  | 30  | 4     | 16 | 65  | 4 |
| 22 1490 0397 | 3,97  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0398 | 3,98  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0399 | 3,99  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0400 | 4,00  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0401 | 4,01  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0402 | 4,02  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0403 | 4,03  | 40  | 4     | 20 | 75  | 4 |
| 22 1490 0497 | 4,97  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0498 | 4,98  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0499 | 4,99  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0500 | 5,00  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0501 | 5,01  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0502 | 5,02  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0503 | 5,03  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0597 | 5,97  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0598 | 5,98  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0599 | 5,99  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0600 | 6,00  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0601 | 6,01  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0602 | 6,02  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0603 | 6,03  | 50  | 6     | 25 | 92  | 6 |
| 22 1490 0797 | 7,97  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0798 | 7,98  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0799 | 7,99  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0800 | 8,00  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0801 | 8,01  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0802 | 8,02  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0803 | 8,03  | 75  | 8     | 30 | 115 | 6 |
| 22 1490 0997 | 9,97  | 85  | 10    | 40 | 130 | 6 |
| 22 1490 0998 | 9,98  | 85  | 10    | 40 | 130 | 6 |
| 22 1490 0999 | 9,99  | 85  | 10    | 40 | 130 | 6 |
| 22 1490 1000 | 10,00 | 85  | 10    | 40 | 130 | 6 |
| 22 1490 1001 | 10,01 | 85  | 10    | 40 | 130 | 6 |
| 22 1490 1002 | 10,02 | 85  | 10    | 40 | 130 | 6 |
| 22 1490 1003 | 10,03 | 85  | 10    | 40 | 130 | 6 |
| 22 1490 1197 | 11,97 | 100 | 12    | 45 | 150 | 6 |
| 22 1490 1198 | 11,98 | 100 | 12    | 45 | 150 | 6 |
| 22 1490 1199 | 11,99 | 100 | 12    | 45 | 150 | 6 |
| 22 1490 1200 | 12,00 | 100 | 12    | 45 | 150 | 6 |
| 22 1490 1201 | 12,01 | 100 | 12    | 45 | 150 | 6 |
| 22 1490 1202 | 12,02 | 100 | 12    | 45 | 150 | 6 |
| 22 1490 1203 | 12,03 | 100 | 12    | 45 | 150 | 6 |

Zwischenabmessungen auf Anfrage lieferbar / Intermediate dimensions available on request