

In special steel**For hand use**

Blades are not radially equidistant to eliminate vibrations

Set of spare blades, ready to use

Blade sharpening with progressive rake allows perfectly smooth reaming

High precision parallel expansion

Fully meets strict tolerances for high volume reaming



F 7616/4

For valve guides**F 7616/1 - Reamers with blades****F 7616/4 - Guide bushing**

| Size | Code | F 7616/1 Each € | Code | F 7616/4 Each € | Expansion mm | Overall length mm | Cutting edge length mm | □ mm | Number of blades |
|------|-------------|--------------------|-------------|--------------------|-----------------|----------------------|------------------------------|---------|---------------------|
| 059 | F 7616 1059 | | F 7616 4059 | | 5,9÷6,5 | 160 | 28 | 4,3 | 3 |
| 064 | F 7616 1064 | | F 7616 4064 | | 6,4÷7 | 160 | 28 | 4,9 | 3 |
| 069 | F 7616 1069 | | F 7616 4069 | | 6,9÷7,5 | 160 | 28 | 5,5 | 3 |
| 074 | F 7616 1074 | | F 7616 4074 | | 7,4÷8 | 165 | 28 | 5,5 | 3 |
| 079 | F 7616 1079 | | F 7616 4079 | | 7,9÷8,5 | 170 | 28 | 6,2 | 3 |
| 084 | F 7616 1084 | | F 7616 4084 | | 8,4÷9 | 175 | 28 | 6,2 | 3 |
| 089 | F 7616 1089 | | F 7616 4089 | | 8,9÷9,5 | 180 | 32 | 7 | 4 |
| 094 | F 7616 1094 | | F 7616 4094 | | 9,4÷10 | 190 | 32 | 7 | 4 |
| 099 | F 7616 1099 | | F 7616 4099 | | 9,9÷11 | 200 | 36 | 8 | 5 |
| 109 | F 7616 1109 | | F 7616 4109 | | 10,9÷12 | 220 | 36 | 8 | 5 |

Set of reamers

With 10 reamers F 7616/1 expansion range 5,9÷12 mm

In wood box

| | | | |
|------------------|-----------------|--------|---|
| Code F 7616 3000 | F 7616/3 | Each € |  1 |
|------------------|-----------------|--------|---|

**With short blades**

Expansion range: 0,01 mm graduation

F 7620/1 - Reamers with blades**F 7620/2 - Set of spare blades**

| Size | Code | F 7620/1 Each € | Code | F 7620/2 Each € | Expansion mm | Overall length mm | Cutting edge length mm | □ mm | Number of blades |
|------|-------------|--------------------|-------------|--------------------|-----------------|----------------------|------------------------------|---------|---------------------|
| 060 | F 7620 1060 | | F 7620 2060 | | 6,4÷7,2 | 111 | 32 | 3 | 4 |
| 070 | F 7620 1070 | | F 7620 2070 | | 7,2÷8 | 111 | 32 | 3,5 | 4 |
| 080 | F 7620 1080 | | F 7620 2080 | | 8÷9 | 111 | 32 | 4,3 | 5 |
| 090 | F 7620 1090 | | F 7620 2090 | | 9÷10 | 115 | 32 | 4,3 | 5 |
| 100 | F 7620 1100 | | F 7620 2100 | | 10÷11 | 120 | 35 | 4,9 | 5 |
| 110 | F 7620 1110 | | F 7620 2110 | | 11÷12 | 125 | 35 | 6,2 | 5 |
| 120 | F 7620 1120 | | F 7620 2120 | | 12÷13,5 | 130 | 42 | 6,2 | 5 |
| 135 | F 7620 1135 | | F 7620 2135 | | 13,5÷15,5 | 145 | 50 | 7 | 5 |
| 155 | F 7620 1155 | | F 7620 2155 | | 15,5÷18 | 165 | 60 | 8 | 5 |
| 180 | F 7620 1180 | | F 7620 2180 | | 18÷21 | 180 | 65 | 9 | 5 |
| 210 | F 7620 1210 | | F 7620 2210 | | 21÷24 | 190 | 70 | 10 | 5 |
| 240 | F 7620 1240 | | F 7620 2240 | | 24÷27,5 | 205 | 75 | 11 | 5 |
| 275 | F 7620 1275 | | F 7620 2275 | | 27,5÷31,5 | 225 | 80 | 12 | 6 |
| 315 | F 7620 1315 | | F 7620 2315 | | 31,5÷37 | 240 | 90 | 14,5 | 6 |
| 370 | F 7620 1370 | | F 7620 2370 | | 37÷45 | 285 | 100 | 16 | 6 |
| 450 | F 7620 1450 | | F 7620 2450 | | 45÷55 | 320 | 109 | 20 | 6 |
| 550 | F 7620 1550 | | F 7620 2550 | | 55÷65 | 350 | 120 | 24 | 8 |
| 650 | F 7620 1650 | | F 7620 2650 | | 65÷80 | 460 | 145 | 29 | 10 |
| 800 | F 7620 1800 | | F 7620 2800 | | 80÷95 | 490 | 150 | 32 | 10 |
| 950 | F 7620 1950 | | F 7620 2950 | | 95÷110 | 490 | 150 | 36 | 10 |

Set of reamers

With reamers F 7620/1

In wood box

| | | | |
|-----------------|--------|--------------------|--------------------|
| Pieces | n° | 11 | 13 |
| Code | | F 7621 0011 | F 7621 0013 |
| F 7621 | Each € | | |
| Expansion range | mm | 8 ÷ 31,5 | 8 ÷ 45 |

Sets of blades with "HARD CHROME" coating are available upon request

