

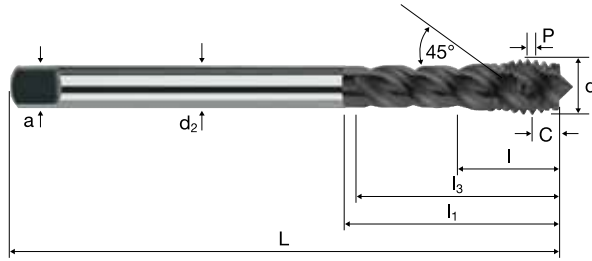
Taps x-tap



MF **ISO 2 (6H)**

HSS PM/F

Form C



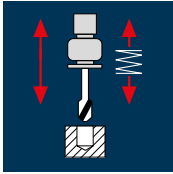
Inox
Stainless

MF

| Example: Order-N° ET1261 070 | | | | | | | | | | | TRIBO |
|-------------------------------------|------|------|-----|-------|----------------|----------------|----------------|------|---|--------|---------------|
| | | | | | | | | | | | ET1261 |
| ∅ Code | d | P | L | l | l ₁ | l ₃ | d ₂ | a | | | |
| 070 | M 12 | 0.75 | 100 | 11.00 | 39.0 | 37.0 | 9.0 | 7.0 | 4 | 11.40* | ● |
| 072 | M 14 | 0.75 | 100 | 11.00 | 39.0 | 37.0 | 11.0 | 9.0 | 4 | 13.40* | ● |
| 074 | M 16 | 0.75 | 100 | 12.00 | 39.0 | 37.0 | 12.0 | 9.0 | 4 | 15.40* | ● |
| 094 | M 12 | 1.00 | 100 | 11.00 | 39.0 | 37.0 | 9.0 | 7.0 | 4 | 11.10 | ● |
| 095 | M 13 | 1.00 | 100 | 11.00 | 39.0 | 37.0 | 11.0 | 9.0 | 4 | 12.10 | ● |
| 096 | M 14 | 1.00 | 100 | 11.00 | 39.0 | 37.0 | 11.0 | 9.0 | 4 | 13.10 | ● |
| 097 | M 15 | 1.00 | 100 | 12.00 | 39.0 | 37.0 | 12.0 | 9.0 | 4 | 14.10 | ● |
| 098 | M 16 | 1.00 | 100 | 12.00 | 39.0 | 37.0 | 12.0 | 9.0 | 4 | 15.10 | ● |
| 099 | M 17 | 1.00 | 100 | 12.00 | 39.0 | 37.0 | 12.0 | 9.0 | 4 | 16.10 | ● |
| 100 | M 18 | 1.00 | 110 | 13.00 | 50.0 | 48.0 | 14.0 | 11.0 | 4 | 17.10 | ● |
| 102 | M 20 | 1.00 | 125 | 14.00 | 65.0 | 63.0 | 16.0 | 12.0 | 4 | 19.10 | ● |
| 164 | M 12 | 1.25 | 100 | 15.00 | 39.0 | 37.0 | 9.0 | 7.0 | 4 | 10.90 | ● |
| 166 | M 14 | 1.25 | 100 | 15.00 | 39.0 | 37.0 | 11.0 | 9.0 | 4 | 12.90 | ● |
| 168 | M 16 | 1.25 | 100 | 15.00 | 39.0 | 37.0 | 12.0 | 9.0 | 4 | 14.90 | ● |
| 176 | M 12 | 1.50 | 100 | 15.00 | 39.0 | 37.0 | 9.0 | 7.0 | 4 | 10.70* | ● |
| 178 | M 14 | 1.50 | 100 | 15.00 | 39.0 | 37.0 | 11.0 | 9.0 | 4 | 12.70* | ● |
| 180 | M 16 | 1.50 | 100 | 15.00 | 39.0 | 37.0 | 12.0 | 9.0 | 4 | 14.70* | ● |
| 182 | M 18 | 1.50 | 110 | 17.00 | 50.0 | 48.0 | 14.0 | 11.0 | 4 | 16.70* | ● |
| 184 | M 20 | 1.50 | 125 | 18.00 | 65.0 | 63.0 | 16.0 | 12.0 | 4 | 18.70* | ● |
| 186 | M 22 | 1.50 | 125 | 18.00 | 65.0 | 63.0 | 18.0 | 14.5 | 5 | 20.70* | ● |
| 188 | M 24 | 1.50 | 140 | 20.00 | 72.0 | 70.0 | 18.0 | 14.5 | 5 | 22.70* | ● |

* The given dimension is out of norm

Application



Material

Stainless steel
ferritic/martensitic



| MF | d [mm] | P [mm] | v_c 1.0 x d | | | v_c 1.5 x d | | | v_c 2.0 x d | | |
|-----|-----------|-----------|---------------------------|-----------------|-----|---------------------------|-----------------|-----|---------------------------|-----------------|-----|
| | | | n [min ⁻¹] | v_f [100%] | | n [min ⁻¹] | v_f [100%] | | n [min ⁻¹] | v_f [100%] | |
| M12 | 12.000 | 0.75 | 10 | 265 | 199 | 8 | 210 | 158 | 6 | 160 | 120 |
| M14 | 14.000 | 0.75 | 10 | 225 | 169 | 8 | 180 | 135 | 6 | 135 | 101 |
| M16 | 16.000 | 0.75 | 10 | 200 | 150 | 8 | 160 | 120 | 6 | 120 | 90 |
| M12 | 12.000 | 1.00 | 10 | 265 | 265 | 8 | 210 | 210 | 6 | 160 | 160 |
| M13 | 13.000 | 1.00 | 10 | 245 | 245 | 8 | 195 | 195 | 6 | 145 | 145 |
| M14 | 14.000 | 1.00 | 10 | 225 | 225 | 8 | 180 | 180 | 6 | 135 | 135 |
| M16 | 16.000 | 1.00 | 10 | 200 | 200 | 8 | 160 | 160 | 6 | 120 | 120 |
| M18 | 18.000 | 1.00 | 10 | 175 | 175 | 8 | 140 | 140 | 6 | 105 | 105 |
| M20 | 20.000 | 1.00 | 10 | 160 | 160 | 8 | 125 | 125 | 6 | 95 | 95 |

Stainless steel
ferritic/martensitic



| | | | | | | | | | | | |
|-----|--------|------|----|-----|-----|---|-----|-----|---|-----|-----|
| M12 | 12.000 | 1.25 | 10 | 265 | 331 | 8 | 210 | 263 | 6 | 160 | 200 |
| M14 | 14.000 | 1.25 | 10 | 225 | 281 | 8 | 180 | 225 | 6 | 135 | 169 |
| M16 | 16.000 | 1.25 | 10 | 200 | 250 | 8 | 160 | 200 | 6 | 120 | 150 |
| M12 | 12.000 | 1.50 | 10 | 265 | 398 | 8 | 210 | 315 | 6 | 160 | 240 |
| M14 | 14.000 | 1.50 | 10 | 225 | 338 | 8 | 180 | 270 | 6 | 135 | 203 |
| M16 | 16.000 | 1.50 | 10 | 200 | 300 | 8 | 160 | 240 | 6 | 120 | 180 |
| M18 | 18.000 | 1.50 | 10 | 175 | 263 | 8 | 140 | 210 | 6 | 105 | 158 |
| M20 | 20.000 | 1.50 | 10 | 160 | 240 | 8 | 125 | 188 | 6 | 95 | 143 |
| M24 | 24.000 | 1.50 | 10 | 135 | 203 | 8 | 105 | 158 | 6 | 80 | 120 |

Stainless steel
[Cr-Ni/1.4301]



| | | | | | | | | | | | |
|-----|--------|------|---|-----|-----|---|-----|-----|---|----|----|
| M12 | 12.000 | 0.75 | 5 | 135 | 101 | 4 | 105 | 79 | 3 | 80 | 60 |
| M14 | 14.000 | 0.75 | 5 | 115 | 86 | 4 | 90 | 68 | 3 | 70 | 53 |
| M16 | 16.000 | 0.75 | 5 | 100 | 75 | 4 | 80 | 60 | 3 | 60 | 45 |
| M12 | 12.000 | 1.00 | 5 | 135 | 135 | 4 | 105 | 105 | 3 | 80 | 80 |
| M13 | 13.000 | 1.00 | 5 | 120 | 120 | 4 | 100 | 100 | 3 | 75 | 75 |
| M14 | 14.000 | 1.00 | 5 | 115 | 115 | 4 | 90 | 90 | 3 | 70 | 70 |
| M16 | 16.000 | 1.00 | 5 | 100 | 100 | 4 | 80 | 80 | 3 | 60 | 60 |
| M18 | 18.000 | 1.00 | 5 | 90 | 90 | 4 | 70 | 70 | 3 | 55 | 55 |
| M20 | 20.000 | 1.00 | 5 | 80 | 80 | 4 | 65 | 65 | 3 | 50 | 50 |

Stainless steel
[Cr-Ni/1.4301]



| | | | | | | | | | | | |
|-----|--------|------|---|-----|-----|---|-----|-----|---|----|-----|
| M12 | 12.000 | 1.25 | 5 | 135 | 169 | 4 | 105 | 131 | 3 | 80 | 100 |
| M14 | 14.000 | 1.25 | 5 | 115 | 144 | 4 | 90 | 113 | 3 | 70 | 88 |
| M16 | 16.000 | 1.25 | 5 | 100 | 125 | 4 | 80 | 100 | 3 | 60 | 75 |
| M12 | 12.000 | 1.50 | 5 | 135 | 203 | 4 | 105 | 158 | 3 | 80 | 120 |
| M14 | 14.000 | 1.50 | 5 | 115 | 173 | 4 | 90 | 135 | 3 | 70 | 105 |
| M16 | 16.000 | 1.50 | 5 | 100 | 150 | 4 | 80 | 120 | 3 | 60 | 90 |
| M18 | 18.000 | 1.50 | 5 | 90 | 135 | 4 | 70 | 105 | 3 | 55 | 83 |
| M20 | 20.000 | 1.50 | 5 | 80 | 120 | 4 | 65 | 98 | 3 | 50 | 75 |
| M24 | 24.000 | 1.50 | 5 | 65 | 98 | 4 | 55 | 83 | 3 | 40 | 60 |

Stainless steel
[Cr-Ni-Mo-.../1.4571]



| | | | | | | | | | | | |
|-----|--------|------|---|-----|-----|---|-----|-----|---|-----|-----|
| M12 | 12.000 | 0.75 | 6 | 160 | 120 | 5 | 135 | 101 | 4 | 105 | 79 |
| M14 | 14.000 | 0.75 | 6 | 135 | 101 | 5 | 115 | 86 | 4 | 90 | 68 |
| M16 | 16.000 | 0.75 | 6 | 120 | 90 | 5 | 100 | 75 | 4 | 80 | 60 |
| M12 | 12.000 | 1.00 | 6 | 160 | 160 | 5 | 135 | 135 | 4 | 105 | 105 |
| M13 | 13.000 | 1.00 | 6 | 145 | 145 | 5 | 120 | 120 | 4 | 100 | 100 |
| M14 | 14.000 | 1.00 | 6 | 135 | 135 | 5 | 115 | 115 | 4 | 90 | 90 |
| M16 | 16.000 | 1.00 | 6 | 120 | 120 | 5 | 100 | 100 | 4 | 80 | 80 |
| M18 | 18.000 | 1.00 | 6 | 105 | 105 | 5 | 90 | 90 | 4 | 70 | 70 |
| M20 | 20.000 | 1.00 | 6 | 95 | 95 | 5 | 80 | 80 | 4 | 65 | 65 |

Stainless steel
[Cr-Ni-Mo-.../1.4571]



| | | | | | | | | | | | |
|-----|--------|------|---|-----|-----|---|-----|-----|---|-----|-----|
| M12 | 12.000 | 1.25 | 6 | 160 | 200 | 5 | 135 | 169 | 4 | 105 | 131 |
| M14 | 14.000 | 1.25 | 6 | 135 | 169 | 5 | 115 | 144 | 4 | 90 | 113 |
| M16 | 16.000 | 1.25 | 6 | 120 | 150 | 5 | 100 | 125 | 4 | 80 | 100 |
| M12 | 12.000 | 1.50 | 6 | 160 | 240 | 5 | 135 | 203 | 4 | 105 | 158 |
| M14 | 14.000 | 1.50 | 6 | 135 | 203 | 5 | 115 | 173 | 4 | 90 | 135 |
| M16 | 16.000 | 1.50 | 6 | 120 | 180 | 5 | 100 | 150 | 4 | 80 | 120 |
| M18 | 18.000 | 1.50 | 6 | 105 | 158 | 5 | 90 | 135 | 4 | 70 | 105 |
| M20 | 20.000 | 1.50 | 6 | 95 | 143 | 5 | 80 | 120 | 4 | 65 | 98 |
| M24 | 24.000 | 1.50 | 6 | 80 | 120 | 5 | 65 | 98 | 4 | 55 | 83 |

Heat resistant steel
[17-4 PH]



| | | | | | | | | | | | |
|-----|--------|------|---|-----|-----|---|----|----|---|---|---|
| M12 | 12.000 | 0.75 | 4 | 105 | 79 | 3 | 80 | 60 | - | - | - |
| M14 | 14.000 | 0.75 | 4 | 90 | 68 | 3 | 70 | 53 | - | - | - |
| M16 | 16.000 | 0.75 | 4 | 80 | 60 | 3 | 60 | 45 | - | - | - |
| M12 | 12.000 | 1.00 | 4 | 105 | 105 | 3 | 80 | 80 | - | - | - |
| M13 | 13.000 | 1.00 | 4 | 100 | 100 | 3 | 75 | 75 | - | - | - |
| M14 | 14.000 | 1.00 | 4 | 90 | 90 | 3 | 70 | 70 | - | - | - |
| M16 | 16.000 | 1.00 | 4 | 80 | 80 | 3 | 60 | 60 | - | - | - |
| M18 | 18.000 | 1.00 | 4 | 70 | 70 | 3 | 55 | 55 | - | - | - |
| M20 | 20.000 | 1.00 | 4 | 65 | 65 | 3 | 50 | 50 | - | - | - |

Heat resistant steel
[17-4 PH]



| | | | | | | | | | | | |
|-----|--------|------|---|-----|-----|---|----|-----|---|---|---|
| M12 | 12.000 | 1.25 | 4 | 105 | 131 | 3 | 80 | 100 | - | - | - |
| M14 | 14.000 | 1.25 | 4 | 90 | 113 | 3 | 70 | 88 | - | - | - |
| M16 | 16.000 | 1.25 | 4 | 80 | 100 | 3 | 60 | 75 | - | - | - |
| M12 | 12.000 | 1.50 | 4 | 105 | 158 | 3 | 80 | 120 | - | - | - |
| M14 | 14.000 | 1.50 | 4 | 90 | 135 | 3 | 70 | 105 | - | - | - |
| M16 | 16.000 | 1.50 | 4 | 80 | 120 | 3 | 60 | 90 | - | - | - |
| M18 | 18.000 | 1.50 | 4 | 70 | 105 | 3 | 55 | 83 | - | - | - |
| M20 | 20.000 | 1.50 | 4 | 65 | 98 | 3 | 50 | 75 | - | - | - |
| M24 | 24.000 | 1.50 | 4 | 55 | 83 | 3 | 40 | 60 | - | - | - |