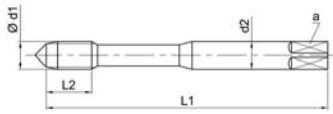
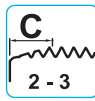
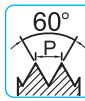
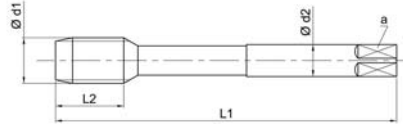


MACHINE TAPS

JIS (A)



JIS (B)



LINE



R40°

LINE



R40°

LINE



R40°

LINE



R40°

Thread depth

2,5xD

2,5xD

2,5xD

2,5xD

Material

HSSE

HSSE

HSSE

HSSE

Surface treatment

Br

V

TiN

TXC

Material's groups number

| | | | |
|-----|-----|-----|-----|
| 1.1 | 1.2 | 1.3 | 1.4 |
| 4.1 | 4.2 | | |
| 5.1 | 5.2 | | |

| | | | |
|-----|-----|-----|-----|
| 1.1 | 1.2 | 1.3 | 1.4 |
| 4.1 | 4.2 | | |
| 5.1 | 5.2 | | |

| | | | |
|-----|-----|-----|-----|
| 1.1 | 1.2 | 1.3 | 1.4 |
| 3.3 | 3.4 | | |
| 4.1 | 4.2 | 4.3 | |
| 5.1 | 5.2 | | |

| | | | |
|-----|-----|-----|-----|
| 1.1 | 1.2 | 1.3 | 1.4 |
| 2.1 | 2.2 | 3.3 | 3.4 |
| 4.2 | 4.3 | | |
| 5.2 | | | |

| JIS (A) | Ød1 M | P mm | L ₁ | L ₂ | d ₂ h9 | a h12 | Z | Thread Limit |
|---------|----------|---------|----------------|----------------|----------------------|----------|---|-----------------|
| ◀ | 2 | 0,4 | 40 | 9 | 3 | 2,5 | 2 | *P1 |
| ◀ | 2,5 | 0,45 | 44 | 10 | 3 | 2,5 | 2 | *P1 |
| ◀ | 3 | 0,5 | 46 | 5 | 4 | 3,2 | 3 | *P1 |
| ◀ | 4 | 0,7 | 52 | 7 | 5 | 4 | 3 | P2 |
| ◀ | 5 | 0,8 | 60 | 8 | 5,5 | 4,4 | 3 | P2 |
| ◀ | 6 | 1 | 62 | 10 | 6 | 4,5 | 3 | P2 |

| E60M...-JIS | E60M...V-JIS | CODE | |
|-------------|--------------|--------------|----------------|
| | | E60M...T-JIS | E60M...TXC-JIS |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |

| JIS (B) | Ød1 M | P mm | L ₁ | L ₂ | d ₂ h9 | a h12 | Z | Thread Limit |
|---------|----------|---------|----------------|----------------|----------------------|----------|---|-----------------|
| | 7 | 1 | 65 | 10 | 6,2 | 5 | 3 | P2 |
| | 8 | 1,25 | 70 | 13 | 6,2 | 5 | 3 | P2 |
| | 10 | 1,5 | 75 | 15 | 7 | 5,5 | 3 | P2 |
| | 12 | 1,75 | 82 | 18 | 8,5 | 6,5 | 3 | P2 |
| | 14 | 2 | 88 | 20 | 10,5 | 8 | 3 | P2 |
| | 16 | 2 | 95 | 20 | 12,5 | 10 | 3 | P2 |
| | 18 | 2,5 | 100 | 25 | 14 | 11 | 4 | P3 |
| | 20 | 2,5 | 105 | 25 | 15 | 12 | 4 | P3 |
| | 22 | 2,5 | 115 | 25 | 17 | 13 | 4 | P3 |
| | 24 | 3 | 120 | 30 | 19 | 15 | 4 | P3 |
| | 27 | 3 | 130 | 30 | 20 | 15 | 4 | P3 |
| | 30 | 3,5 | 135 | 35 | 23 | 17 | 4 | P3 |

| E61M...-JIS | E61M...V-JIS | CODE | |
|-------------|--------------|--------------|----------------|
| | | E61M...T-JIS | E61M...TXC-JIS |
| * | * | * | * |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| ○ | ○ | ○ | ○ |
| * | * | * | * |
| * | * | * | * |
| * | * | * | * |
| * | * | * | * |
| * | * | * | * |
| * | * | * | * |

Thread Limit (µm)

*P1: 10 – 25
P2: 20 – 40
P3: 40 – 60