

HSSE-Maschinengewindebohrer links

E.1625.0



HSSE machine taps left
 Gwintowniki maszynowe HSSE
 Maschi a macchina HSSE

Machos de máquina en HSSE
 HSSE Helis Makina Kilavuzu
 Метчики машинные левосторонние (спираль 40°) HSSE для глухих отверстий в материалах до 800 N/мм²

Schnittwerte Seite 1.49
Cutting data page 1.49

| | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Material | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.1 | 2.2 | 3.1 | 3.2 |
| Material | 3.3 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 5.1 | 5.2 | 6.1 | 6.2 | 6.3 | |



| für Gewinde for thread | P | l2 | l3 | l1 | d2 | a | d1 | DIN | Artikelnummer Article-No. | € Stück / piece |
|------------------------|------|-------|-------|--------|-------|------|-------|-----|---------------------------|-----------------|
| M 3 | 0,50 | 5,00 | 18,00 | 56,00 | 3,50 | 2,70 | 2,50 | 371 | E.1625.0.M03 | 14,80 |
| M 4 | 0,70 | 7,00 | 21,00 | 63,00 | 4,50 | 3,40 | 3,30 | 371 | E.1625.0.M04 | 14,80 |
| M 5 | 0,80 | 8,00 | 25,00 | 70,00 | 6,00 | 4,90 | 4,20 | 371 | E.1625.0.M05 | 15,60 |
| M 6 | 1,00 | 10,00 | 30,00 | 80,00 | 6,00 | 4,90 | 5,00 | 371 | E.1625.0.M06 | 16,30 |
| M 8 | 1,25 | 13,00 | 35,00 | 90,00 | 8,00 | 6,20 | 6,80 | 371 | E.1625.0.M08 | 21,70 |
| M 10 | 1,50 | 15,00 | 39,00 | 100,00 | 10,00 | 8,00 | 8,50 | 371 | E.1625.0.M10 | 25,60 |
| M 12 | 1,75 | 18,00 | | 110,00 | 9,00 | 7,00 | 10,20 | 376 | E.1625.0.M12 | 33,50 |
| M 14 | 2,00 | 20,00 | | 110,00 | 11,00 | 9,00 | 12,00 | 376 | E.1625.0.M14 | 39,60 |
| M 16 | 2,00 | 20,00 | | 110,00 | 12,00 | 9,00 | 14,00 | 376 | E.1625.0.M16 | 46,60 |

HSSE/PM-Maschinengewindebohrer

E.1603.1

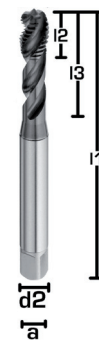


HSSE/PM machine taps
 Gwintowniki maszynowe HSSE/PM
 Maschi a macchina HSSE/PM

Machos de máquina en HSSE/PM
 HSSE/PM Helis Makina Kilavuzu
 Метчики машинные (спираль 40°) HSSE/PM (TiN) для глухих отверстий в металлах до 1200 N/мм²

Schnittwerte Seite 1.49
Cutting data page 1.49

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|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Material | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.1 | 2.2 | 3.1 | 3.2 |
| Material | 3.3 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 5.1 | 5.2 | 6.1 | 6.2 | 6.3 | |



| für Gewinde for thread | P | l2 | l3 | l1 | d2 | a | d1 | DIN | Artikelnummer Article-No. | € Stück / piece |
|------------------------|------|-------|-------|--------|-------|------|------|-----|---------------------------|-----------------|
| M 2 | 0,40 | 10,00 | 13,00 | 45,00 | 2,80 | 2,10 | 1,60 | 371 | E.1603.1.M02 | 23,50 |
| M 2,5 | 0,45 | 9,00 | 14,00 | 50,00 | 2,80 | 2,10 | 2,05 | 371 | E.1603.1.M025 | 23,50 |
| M 3 | 0,50 | 5,00 | 18,00 | 56,00 | 3,50 | 2,70 | 2,50 | 371 | E.1603.1.M03 | 12,40 |
| M 4 | 0,70 | 7,00 | 21,00 | 63,00 | 4,50 | 3,40 | 3,30 | 371 | E.1603.1.M04 | 12,40 |
| M 5 | 0,80 | 8,00 | 25,00 | 70,00 | 6,00 | 4,90 | 4,20 | 371 | E.1603.1.M05 | 13,50 |
| M 6 | 1,00 | 10,00 | 30,00 | 80,00 | 6,00 | 4,90 | 5,00 | 371 | E.1603.1.M06 | 14,70 |
| M 8 | 1,25 | 13,00 | 35,00 | 90,00 | 8,00 | 6,20 | 6,80 | 371 | E.1603.1.M08 | 20,70 |
| M 10 | 1,50 | 15,00 | 39,00 | 100,00 | 10,00 | 8,00 | 8,50 | 371 | E.1603.1.M10 | 26,00 |

Fortsetzung auf Seite / Continuation on page 18

d1 = Bohrdurchmesser
d1 = drilling diameter

Gewindeschneider

„M“ - Sackloch

HSSE/PM-Maschinengewindebohrer

E.1603.1



Fortsetzung
Continuation

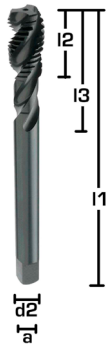
- HSSE/PM machine taps
- Machos de máquina en HSSE/PM
- Gwintowniki maszynowe HSSE/PM
- HSSE/PM Helis Makina Kilavuzu
- Maschi a macchina HSSE/PM
- Метчики машинные (спираль 40°) HSSE/PM (TiN) для глухих отверстий в металлах до 1200 N/мм²



| für Gewinde for thread | P | l2 | l3 | l1 | d2 | a | d1 | DIN | Artikelnummer Article-No. | € Stück / piece |
|---------------------------|------|-------|----|--------|-------|-------|-------|-----|------------------------------|--------------------|
| M 12 | 1,75 | 18.00 | | 110.00 | 9.00 | 7,00 | 10.20 | 376 | E.1603.1.M12 | 34.10 |
| M 14 | 2,00 | 20.00 | | 110.00 | 11.00 | 9,00 | 12.00 | 376 | E.1603.1.M14 | 42.10 |
| M 16 | 2,00 | 20.00 | | 110.00 | 12.00 | 9,00 | 14.00 | 376 | E.1603.1.M16 | 46.90 |
| M 20 | 2,50 | 25.00 | | 140.00 | 16.00 | 12,00 | 17.50 | 376 | E.1603.1.M20 | 71.20 |
| M 24 | 3,00 | 30.00 | | 160.00 | 18.00 | 14,50 | 21.00 | 376 | E.1603.1.M24 | 100.80 |
| M 30 | 3,50 | 35.00 | | 180.00 | 22.00 | 18,00 | 26.50 | 376 | E.1603.1.M30 | 158.00 |

HSSE-Maschinengewindebohrer

E.1642.0



- HSSE machine taps
- Machos de máquina en HSSE
- Gwintowniki maszynowe HSSE
- HSSE Helis Makina Kilavuzu
- Maschi a macchina HSSE
- Метчики машинные (спираль 40°) HSSE (OX) для глухих отверстий



| | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Material | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.1 | 2.2 | 3.1 | 3.2 |
| Material | 3.3 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 5.1 | 5.2 | 6.1 | 6.2 | 6.3 | |

Schnittwerte Seite 1.50
Cutting data page 1.50

| für Gewinde for thread | P | l2 | l3 | l1 | d2 | a | d1 | DIN | Artikelnummer Article-No. | € Stück / piece |
|---------------------------|------|-------|-------|--------|-------|-------|-------|-----|------------------------------|--------------------|
| M 3 | 0,50 | 5.00 | 18.00 | 56.00 | 3.50 | 2,70 | 2.50 | 371 | E.1642.0.M03 | 10.30 |
| M 3,5 | 0,60 | 6.00 | 20.00 | 56.00 | 4.00 | 3,00 | 2.90 | 371 | E.1642.0.M035 | 12.40 |
| M 4 | 0,70 | 7.00 | 21.00 | 63.00 | 4.50 | 3,40 | 3.30 | 371 | E.1642.0.M04 | 10.30 |
| M 5 | 0,80 | 8.00 | 25.00 | 70.00 | 6.00 | 4,90 | 4.20 | 371 | E.1642.0.M05 | 10.80 |
| M 6 | 1,00 | 10.00 | 30.00 | 80.00 | 6.00 | 4,90 | 5.00 | 371 | E.1642.0.M06 | 11.20 |
| M 8 | 1,25 | 13.00 | 35.00 | 90.00 | 8.00 | 6,20 | 6.80 | 371 | E.1642.0.M08 | 15.00 |
| M 10 | 1,50 | 15.00 | 39.00 | 100.00 | 10.00 | 8,00 | 8.50 | 371 | E.1642.0.M10 | 17.70 |
| M 12 | 1,75 | 18.00 | | 110.00 | 9.00 | 7,00 | 10.20 | 376 | E.1642.0.M12 | 23.10 |
| M 16 | 2,00 | 20.00 | | 110.00 | 12.00 | 9,00 | 14.00 | 376 | E.1642.0.M16 | 32.30 |
| M 20 | 2,50 | 25.00 | | 140.00 | 16.00 | 12,00 | 17.50 | 376 | E.1642.0.M20 | 48.10 |
| M 24 | 3,00 | 30.00 | | 160.00 | 18.00 | 14,50 | 21.00 | 376 | E.1642.0.M24 | 66.30 |

d1 = Bohrdurchmesser
d1 = drilling diameter