



Przeznaczenie ogólne i stale nierdzewne

S-TAP

Volume 3



Do otworów nieprzelotowych

Metryczny

| | | |
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BSW

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BSF

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BA

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Do otworów przelotowych

Metryczny

| | | |
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Metryczny drobnozwojny

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G (BSP)

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UNC

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BSW

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BSF

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S-TAP: KLUCZOWE CECHY



1 Przeznaczenie ogólne

2 Przyspieszona ewakuacja wiórów
Zmienna geometria rowków
(Patent)

3 Również do stali nierdzewnych

4 Oxydowane

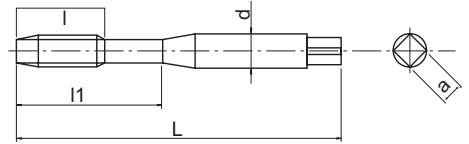
5 HSSE

S-SFT NOWE ROZMIARY

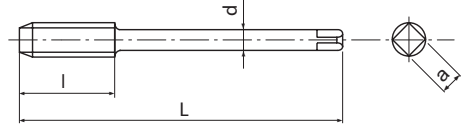
Gwintowanie | Gwintownik | Metryczny



Typ 1



Typ 2



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | m/min |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | |

| | | | | | | | | |
|----------|-------------|-----------|------------|-----------------|-------------------------|--------------|----------------|----------------|
| M | HSSE | OX | 40° | ISO 2 6H | ISO 1 5H<M1,4 | C/2,5 | DIN 371 | DIN 376 |
|----------|-------------|-----------|------------|-----------------|-------------------------|--------------|----------------|----------------|

* Tolerancja 5H

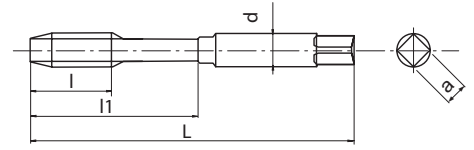
| EDP | M | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|------------------------------|-----|------|-----|-----|----|-----|------|---|-----|--------|-------|
| *48223111 <small>NEW</small> | 1 | 0,25 | 40 | - | 5 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| *48223112 <small>NEW</small> | 1,1 | 0,25 | 40 | - | 5 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| *48223113 <small>NEW</small> | 1,2 | 0,25 | 40 | - | 5 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| *48223115 <small>NEW</small> | 1,4 | 0,3 | 40 | - | 6 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48223118 <small>NEW</small> | 1,6 | 0,35 | 40 | - | 7 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48223119 <small>NEW</small> | 1,7 | 0,35 | 40 | - | 8 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48223120 <small>NEW</small> | 1,8 | 0,35 | 40 | - | 8 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48223125 <small>NEW</small> | 2 | 0,4 | 45 | 4 | 10 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48223127 <small>NEW</small> | 2,2 | 0,45 | 45 | 5 | 11 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48223128 <small>NEW</small> | 2,3 | 0,4 | 45 | 4 | 12 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48223133 <small>NEW</small> | 2,5 | 0,45 | 50 | 4,5 | 13 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48223136 <small>NEW</small> | 2,6 | 0,45 | 50 | 4,5 | 13 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48223138 | 3 | 0,5 | 56 | 5 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48223142 <small>NEW</small> | 3,5 | 0,6 | 56 | 6 | 20 | 4 | 3 | 3 | 1 | DIN371 | |
| 48223144 | 4 | 0,7 | 63 | 7 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48223147 <small>NEW</small> | 4,5 | 0,75 | 70 | 7,5 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48223149 | 5 | 0,8 | 70 | 8 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48223152 <small>NEW</small> | 5,5 | 0,9 | 80 | 9 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48223155 | 6 | 1 | 80 | 10 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48223158 <small>NEW</small> | 7 | 1 | 80 | 10 | 30 | 7 | 5,5 | 3 | 1 | DIN371 | |
| 48223161 | 8 | 1,25 | 90 | 13 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48223165 <small>NEW</small> | 9 | 1,25 | 90 | 13 | 35 | 9 | 7 | 3 | 1 | DIN371 | |
| 48223169 | 10 | 1,5 | 100 | 15 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48223140 <small>NEW</small> | 3 | 0,5 | 56 | 5 | - | 2,2 | - | 3 | 2 | DIN376 | |
| 48223185 <small>NEW</small> | 4 | 0,7 | 63 | 7 | - | 2,8 | 2,1 | 3 | 2 | DIN376 | |
| 48223150 <small>NEW</small> | 5 | 0,8 | 70 | 8 | - | 3,5 | 2,7 | 3 | 2 | DIN376 | |
| 48223187 <small>NEW</small> | 6 | 1 | 80 | 10 | - | 4,5 | 3,4 | 3 | 2 | DIN376 | |
| 48223159 <small>NEW</small> | 7 | 1 | 80 | 10 | - | 5,5 | 4,3 | 3 | 2 | DIN376 | |
| 48223188 <small>NEW</small> | 8 | 1,25 | 90 | 13 | - | 6 | 4,9 | 3 | 2 | DIN376 | |
| 48223166 <small>NEW</small> | 9 | 1,25 | 90 | 13 | - | 7 | 5,5 | 3 | 2 | DIN376 | |
| 48223189 <small>NEW</small> | 10 | 1,5 | 100 | 15 | - | 7 | 5,5 | 3 | 2 | DIN376 | |
| 48223175 <small>NEW</small> | 11 | 1,5 | 100 | 15 | - | 8 | 6,2 | 3 | 2 | DIN376 | |
| 48223179 | 12 | 1,75 | 110 | 18 | - | 9 | 7 | 4 | 2 | DIN376 | |
| 48223191 | 14 | 2 | 110 | 20 | - | 11 | 9 | 4 | 2 | DIN376 | |
| 48223202 | 16 | 2 | 110 | 20 | - | 12 | 9 | 4 | 2 | DIN376 | |
| 48223214 | 18 | 2,5 | 125 | 25 | - | 14 | 11 | 4 | 2 | DIN376 | |
| 48223228 | 20 | 2,5 | 140 | 25 | - | 16 | 12 | 4 | 2 | DIN376 | |
| 48223238 | 22 | 2,5 | 140 | 25 | - | 18 | 14,5 | 4 | 2 | DIN376 | |
| 48223247 | 24 | 3 | 160 | 30 | - | 18 | 14,5 | 4 | 2 | DIN376 | |

S-SFT 6G NOWE

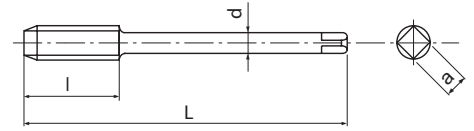
Gwintowanie | Gwintownik | Metryczny



Typ 1



Typ 2



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla tolerancji gwintu wewnętrznego 6G

Gwintowanie | Gwintownik

| | | | | | | |
|----------|----------------|-----------|----------|----------|----------|-------|
| P | P | P | P | M | K | |
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

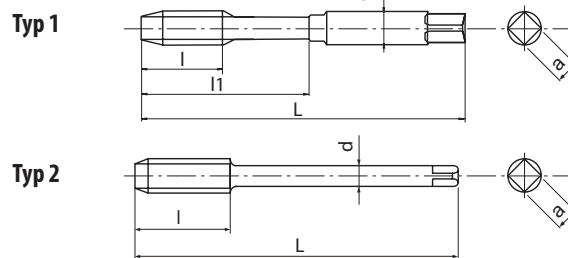
| | | | | | | | | |
|----------|-------------|-----------|------------|-----------------|--------------|--|----------------|----------------|
| M | HSSE | OX | 40° | ISO 2 6G | C/2,5 | | DIN 371 | DIN 376 |
|----------|-------------|-----------|------------|-----------------|--------------|--|----------------|----------------|

Metryczny

| EDP | M | P | nadwymiarowy | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|-----|------|--------------|-----|-----|----|-----|-----|---|-----|--------|-------|
| 48269125 | 2 | 0,4 | +0,019 | 45 | 3,2 | 10 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48269133 | 2,5 | 0,45 | +0,020 | 50 | 3,6 | 13 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48269138 | 3 | 0,5 | +0,020 | 56 | 4 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48269144 | 4 | 0,7 | +0,022 | 63 | 5,6 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48269149 | 5 | 0,8 | +0,024 | 70 | 6,4 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48269155 | 6 | 1 | +0,026 | 80 | 8 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48269161 | 8 | 1,25 | +0,028 | 90 | 10 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48269169 | 10 | 1,5 | +0,032 | 100 | 12 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48269179 | 12 | 1,75 | +0,034 | 110 | 14 | - | 9 | 7 | 3 | 2 | DIN376 | |
| 48269191 | 14 | 2 | +0,038 | 110 | 16 | - | 11 | 9 | 3 | 2 | DIN376 | |
| 48269202 | 16 | 2 | +0,038 | 110 | 16 | - | 12 | 9 | 3 | 2 | DIN376 | |
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S-SFT 7G NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla tolerancji gwintu wewnętrznego 7G

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|--------------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | m/min |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | |

| | | | | | | | |
|---|------|----|-----|----|-------|---------|---------|
| M | HSSE | OX | 40° | 7G | C/2,5 | DIN 371 | DIN 376 |
|---|------|----|-----|----|-------|---------|---------|

| EDP | M | P | nadwy- miarowy | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|-----|------|-------------------|-----|-----|----|-----|-----|---|-----|--------|-------|
| 48274125 | 2 | 0,4 | +0,038 | 45 | 3,2 | 10 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48274133 | 2,5 | 0,45 | +0,040 | 50 | 3,6 | 13 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48274138 | 3 | 0,5 | +0,040 | 56 | 4 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48274144 | 4 | 0,7 | +0,044 | 63 | 5,6 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48274149 | 5 | 0,8 | +0,048 | 70 | 6,4 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48274155 | 6 | 1 | +0,052 | 80 | 8 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48274161 | 8 | 1,25 | +0,056 | 90 | 10 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48274169 | 10 | 1,5 | +0,064 | 100 | 12 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48274179 | 12 | 1,75 | +0,068 | 110 | 14 | - | 9 | 7 | 3 | 2 | DIN376 | |
| 48274191 | 14 | 2 | +0,076 | 110 | 16 | - | 11 | 9 | 3 | 2 | DIN376 | |
| 48274202 | 16 | 2 | +0,076 | 110 | 16 | - | 12 | 9 | 3 | 2 | DIN376 | |

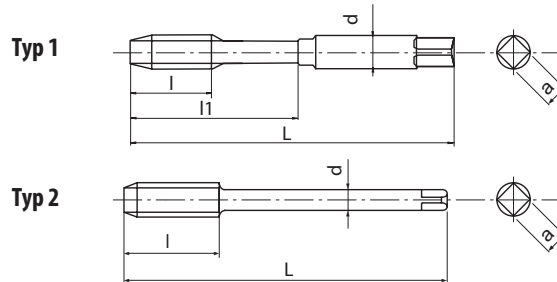
Gwintowanie | Gwintownik



Metryczny

S-SFT+0.1 NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzewodzących
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Gwintownik nadwymiarowy dla tolerancji gwintu 6H +0,1mm

| | | | | | | |
|----------|----------------|-----------|----------|----------|----------|-------|
| P | P | P | P | M | K | |
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

| | | | | | | | | |
|---|------|----|-----|---------|-------|--|---------|---------|
| M | HSSE | OX | 40° | 6H +0.1 | C/2,5 | | DIN 371 | DIN 376 |
|---|------|----|-----|---------|-------|--|---------|---------|

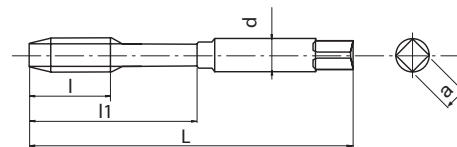
| EDP | M | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|----|------|-----|-----|----|-----|-----|---|-----|--------|-------|
| 48270138 | 3 | 0,5 | 56 | 4 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48270144 | 4 | 0,7 | 63 | 5,6 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48270149 | 5 | 0,8 | 70 | 6,4 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48270155 | 6 | 1 | 80 | 8 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48270161 | 8 | 1,25 | 90 | 10 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48270169 | 10 | 1,5 | 100 | 12 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48270179 | 12 | 1,75 | 110 | 14 | - | 9 | 7 | 3 | 2 | DIN376 | |
| 48270191 | 14 | 2 | 110 | 16 | - | 11 | 9 | 3 | 2 | DIN376 | |
| 48270202 | 16 | 2 | 110 | 16 | - | 12 | 9 | 3 | 2 | DIN376 | |

S-LT-SFT NOWE

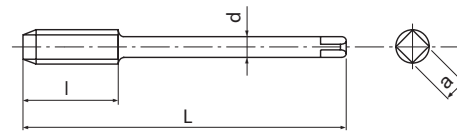
Gwintowanie | Gwintownik | Metryczny



Typ 1



Typ 2



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzewodzących
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Długi chwyt dla dużych wysięgów

Gwintowanie | Gwintownik

| | | | | | | |
|----------|----------------|-----------|----------|----------|----------|-------|
| P | P | P | P | M | K | |
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

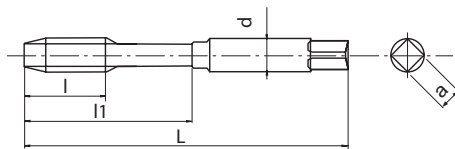
| | | | | | | |
|----------|-------------|-----------|------------|-----------------|--------------|--|
| M | HSSE | OX | 40° | ISO 2 6H | C/2,5 | |
|----------|-------------|-----------|------------|-----------------|--------------|--|

Metryczny

| EDP | M | P | L | l | l1 | d | a | Z | Typ | Price |
|----------|-----|------|-----|-----|----|-----|-----|---|-----|-------|
| 48275125 | 2 | 0,4 | 80 | 3,2 | 10 | 2,8 | 2,1 | 2 | 1 | |
| 48275133 | 2,5 | 0,45 | 100 | 3,6 | 13 | 2,8 | 2,1 | 2 | 1 | |
| 48275138 | 3 | 0,5 | 100 | 4 | 18 | 3,5 | 2,7 | 3 | 1 | |
| 48275144 | 4 | 0,7 | 125 | 5,6 | 21 | 4,5 | 3,4 | 3 | 1 | |
| 48275149 | 5 | 0,8 | 160 | 6,4 | 25 | 6 | 4,9 | 3 | 1 | |
| 48275155 | 6 | 1 | 160 | 8 | 30 | 6 | 4,9 | 3 | 1 | |
| 48275161 | 8 | 1,25 | 180 | 10 | 35 | 8 | 6,2 | 3 | 1 | |
| 48275169 | 10 | 1,5 | 200 | 12 | 39 | 10 | 8 | 3 | 1 | |
| 48275187 | 6 | 1 | 160 | 10 | - | 4,5 | 3,4 | 3 | 2 | |
| 48275188 | 8 | 1,25 | 180 | 11 | - | 6 | 4,9 | 3 | 2 | |
| 48275189 | 10 | 1,5 | 200 | 14 | - | 7 | 5,5 | 3 | 2 | |
| 48275179 | 12 | 1,75 | 200 | 14 | - | 9 | 7 | 3 | 2 | |
| 48275191 | 14 | 2 | 200 | 16 | - | 11 | 9 | 3 | 2 | |
| 48275202 | 16 | 2 | 200 | 16 | - | 12 | 9 | 3 | 2 | |
| 48275214 | 18 | 2,5 | 200 | 25 | - | 14 | 11 | 4 | 2 | |
| 48275228 | 20 | 2,5 | 200 | 25 | - | 16 | 12 | 4 | 2 | |
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S-SFT-HB Weldon NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzewodzących
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Weldon

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | m/min |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | |

| | | | | | | | | |
|---|------|----|-----|-------------|-------|---------|----------|----|
| M | HSSE | OX | 40° | ISO 2 6H | C/2,5 | DIN 371 | DIN 1835 | HB |
|---|------|----|-----|-------------|-------|---------|----------|----|

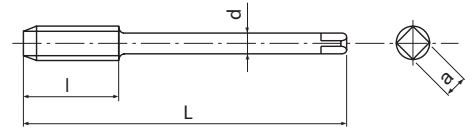
| EDP | M | P | L | l | l1 | d | a | Z | DIN | Price |
|----------|----|------|-----|-----|----|----|-----|---|-------------|-------|
| 48277138 | 3 | 0,5 | 56 | 4 | 18 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48277144 | 4 | 0,7 | 63 | 5,6 | 21 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48277149 | 5 | 0,8 | 70 | 6,4 | 25 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48277155 | 6 | 1 | 80 | 8 | 30 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48277161 | 8 | 1,25 | 90 | 10 | 35 | 8 | 6,2 | 3 | DIN371/1835 | |
| 48277169 | 10 | 1,5 | 100 | 12 | 39 | 10 | 8 | 3 | DIN371/1835 | |
| 48277179 | 12 | 1,75 | 110 | 14 | 46 | 12 | 9 | 3 | DIN371/1835 | |
| 48277191 | 14 | 2 | 110 | 16 | 49 | 14 | 11 | 3 | DIN371/1835 | |
| 48277202 | 16 | 2 | 110 | 16 | 56 | 16 | 12 | 3 | DIN371/1835 | |
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Gwintowanie | Gwintownik

Metryczny

S-SFT

Gwintowanie | Gwintownik | Metryczny drobnozwojny



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzewodzących
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

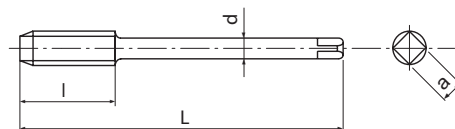
| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

| | | | | | | |
|-----------|-------------|-----------|------------|-----------------|--------------|----------------|
| MF | HSSE | OX | 40° | ISO 2 6H | C/2,5 | DIN 374 |
|-----------|-------------|-----------|------------|-----------------|--------------|----------------|

| EDP | MF | P | L | l | d | a | Z | DIN | Price |
|----------|----|------|-----|-----|-----|------|---|--------|-------|
| 48223139 | 3 | 0,35 | 56 | 4 | 2,2 | - | 3 | DIN374 | |
| 48223145 | 4 | 0,5 | 63 | 5,6 | 2,8 | 2,1 | 3 | DIN374 | |
| 48223151 | 5 | 0,5 | 70 | 6,4 | 3,5 | 2,7 | 3 | DIN374 | |
| 48223157 | 6 | 0,5 | 80 | 8 | 4,5 | 3,4 | 3 | DIN374 | |
| 48223156 | 6 | 0,75 | 80 | 8 | 4,5 | 3,4 | 3 | DIN374 | |
| 48223163 | 8 | 0,75 | 80 | 10 | 6 | 4,9 | 3 | DIN374 | |
| 48223162 | 8 | 1 | 90 | 10 | 6 | 4,9 | 3 | DIN374 | |
| 48223167 | 9 | 1 | 90 | 10 | 7 | 5,5 | 3 | DIN374 | |
| 48223172 | 10 | 0,75 | 90 | 12 | 7 | 5,5 | 3 | DIN374 | |
| 48223171 | 10 | 1 | 90 | 12 | 7 | 5,5 | 3 | DIN374 | |
| 48223170 | 10 | 1,25 | 100 | 12 | 7 | 5,5 | 3 | DIN374 | |
| 48223176 | 11 | 1 | 90 | 12 | 8 | 6,2 | 3 | DIN374 | |
| 48223182 | 12 | 1 | 100 | 14 | 9 | 7 | 4 | DIN374 | |
| 48223181 | 12 | 1,25 | 100 | 14 | 9 | 7 | 4 | DIN374 | |
| 48223180 | 12 | 1,5 | 100 | 14 | 9 | 7 | 4 | DIN374 | |
| 48223194 | 14 | 1 | 100 | 16 | 11 | 9 | 4 | DIN374 | |
| 48223193 | 14 | 1,25 | 100 | 16 | 11 | 9 | 4 | DIN374 | |
| 48223192 | 14 | 1,5 | 100 | 16 | 11 | 9 | 4 | DIN374 | |
| 48223204 | 16 | 1 | 100 | 16 | 12 | 9 | 4 | DIN374 | |
| 48223203 | 16 | 1,5 | 100 | 16 | 12 | 9 | 4 | DIN374 | |
| 48223218 | 18 | 1 | 110 | 20 | 14 | 11 | 4 | DIN374 | |
| 48223216 | 18 | 1,5 | 110 | 20 | 14 | 11 | 4 | DIN374 | |
| 48223232 | 20 | 1 | 125 | 20 | 16 | 12 | 4 | DIN374 | |
| 48223230 | 20 | 1,5 | 125 | 20 | 16 | 12 | 4 | DIN374 | |
| 48223220 | 20 | 2 | 140 | 20 | 16 | 12 | 4 | DIN374 | |
| 48223241 | 22 | 1 | 125 | 20 | 18 | 14,5 | 4 | DIN374 | |
| 48223240 | 22 | 1,5 | 125 | 20 | 18 | 14,5 | 4 | DIN374 | |
| 48223239 | 22 | 2 | 140 | 20 | 18 | 14,5 | 4 | DIN374 | |
| 48223251 | 24 | 1 | 140 | 20 | 18 | 14,5 | 4 | DIN374 | |
| 48223250 | 24 | 1,5 | 140 | 24 | 18 | 14,5 | 4 | DIN374 | |
| 48223249 | 24 | 2 | 140 | 24 | 18 | 14,5 | 4 | DIN374 | |

S-SFT 6G NOWE

Gwintowanie | Gwintownik | Metryczny drobnozwojny



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla tolerancji gwintu wewnętrznego 6G

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

| | | | | | | |
|-----------|-------------|-----------|------------|---------------------|--------------|----------------|
| MF | HSSE | OX | 40° | ISO 2 6G | C/2,5 | DIN 374 |
|-----------|-------------|-----------|------------|---------------------|--------------|----------------|

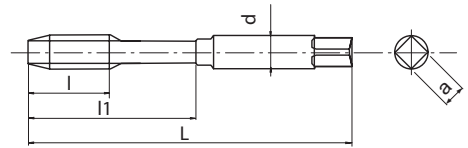
| EDP | MF | P | nadwymiarowy | L | l | d | a | Z | DIN | Price |
|----------|----|------|--------------|-----|----|-----|------|---|--------|-------|
| 48269156 | 6 | 0,75 | +0,022 | 80 | 8 | 4,5 | 3,4 | 3 | DIN374 | |
| 48269162 | 8 | 1 | +0,026 | 90 | 10 | 6 | 4,9 | 3 | DIN374 | |
| 48269163 | 8 | 0,75 | +0,022 | 80 | 8 | 6 | 4,9 | 3 | DIN374 | |
| 48269170 | 10 | 1,25 | +0,028 | 100 | 12 | 7 | 5,5 | 3 | DIN374 | |
| 48269171 | 10 | 1 | +0,026 | 90 | 10 | 7 | 5,5 | 3 | DIN374 | |
| 48269180 | 12 | 1,5 | +0,032 | 100 | 14 | 9 | 7 | 3 | DIN374 | |
| 48269181 | 12 | 1,25 | +0,028 | 100 | 12 | 9 | 7 | 3 | DIN374 | |
| 48269182 | 12 | 1 | +0,026 | 100 | 12 | 9 | 7 | 3 | DIN374 | |
| 48269192 | 14 | 1,5 | +0,032 | 100 | 16 | 11 | 9 | 3 | DIN374 | |
| 48269203 | 16 | 1,5 | +0,032 | 100 | 16 | 12 | 9 | 3 | DIN374 | |
| 48269216 | 18 | 1,5 | +0,032 | 110 | 16 | 14 | 11 | 4 | DIN374 | |
| 48269230 | 20 | 1,5 | +0,032 | 125 | 16 | 16 | 12 | 4 | DIN374 | |
| 48269240 | 22 | 1,5 | +0,032 | 125 | 16 | 18 | 14,5 | 4 | DIN374 | |
| 48269250 | 24 | 1,5 | +0,032 | 140 | 16 | 18 | 14,5 | 4 | DIN374 | |

S-SFT NOWE

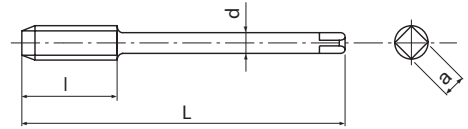
Gwintowanie | Gwintownik | UNC



Typ 1



Typ 2



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

Gwintowanie | Gwintownik

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

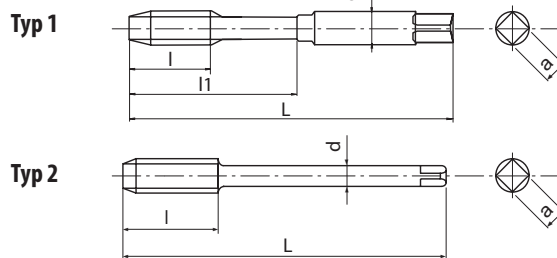
| | | | | | | | | |
|------------|-------------|-----------|------------|----------------|--------------|--|-------------------|-------------------|
| UNC | HSSE | OX | 40° | ANSI 2B | C/2,5 | | DIN 2184-1 | DIN 2184-1 |
|------------|-------------|-----------|------------|----------------|--------------|--|-------------------|-------------------|

| EDP | UNC | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|-------|----|-----|------|----|-----|------|---|-----|-----------|-------|
| 48223453 | 2 | 56 | 45 | 3,6 | 11 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48223455 | 3 | 48 | 50 | 3,6 | 13 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48223457 | 4 | 40 | 56 | 5,1 | 18 | 3,5 | 2,7 | 2 | 1 | DIN2184-1 | |
| 48223459 | 5 | 40 | 56 | 5,1 | 18 | 3,5 | 2,7 | 2 | 1 | DIN2184-1 | |
| 48223461 | 6 | 32 | 56 | 6,4 | 20 | 4 | 3 | 2 | 1 | DIN2184-1 | |
| 48223464 | 8 | 32 | 63 | 6,4 | 21 | 4,5 | 3,4 | 2 | 1 | DIN2184-1 | |
| 48223466 | 10 | 24 | 70 | 8,5 | 25 | 6 | 4,9 | 2 | 1 | DIN2184-1 | |
| 48223468 | 12 | 24 | 80 | 8,5 | 30 | 6 | 4,9 | 2 | 1 | DIN2184-1 | |
| 48223471 | 1/4 | 20 | 80 | 10,2 | 30 | 7 | 5,5 | 2 | 1 | DIN2184-1 | |
| 48223474 | 5/16 | 18 | 90 | 11,3 | 35 | 8 | 6,2 | 3 | 1 | DIN2184-1 | |
| 48223479 | 3/8 | 16 | 100 | 12,7 | 39 | 10 | 8 | 3 | 1 | DIN2184-1 | |
| 48223484 | 7/16 | 14 | 100 | 14,5 | - | 8 | 6,2 | 3 | 2 | DIN2184-1 | |
| 48223489 | 1/2 | 13 | 110 | 15,6 | - | 9 | 7 | 3 | 2 | DIN2184-1 | |
| 48223494 | 9/16 | 12 | 110 | 16,9 | - | 11 | 9 | 3 | 2 | DIN2184-1 | |
| 48223501 | 5/8 | 11 | 110 | 18,5 | - | 12 | 9 | 3 | 2 | DIN2184-1 | |
| 48223515 | 3/4 | 10 | 125 | 25,4 | - | 14 | 11 | 4 | 2 | DIN2184-1 | |
| 48223526 | 7/8 | 9 | 140 | 28,2 | - | 18 | 14,5 | 4 | 2 | DIN2184-1 | |
| 48223538 | 1 | 8 | 160 | 31,8 | - | 18 | 14,5 | 4 | 2 | DIN2184-1 | |
| 48223997 | 1 1/8 | 7 | 180 | 36 | - | 22 | 18 | 4 | 2 | DIN2184-1 | |
| 48223998 | 1 1/4 | 7 | 180 | 36 | - | 22 | 18 | 4 | 2 | DIN2184-1 | |
| 48223999 | 1 1/2 | 6 | 200 | 42 | - | 28 | 22 | 4 | 2 | DIN2184-1 | |

UNC

S-SFT NOWE

Gwintowanie | Gwintownik | UNF



- Gwintownik HSSE ze spiralnymi ostrzami dla otworów nieprzelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 10-15 | 8-14 | 8-14 | 7-11 | 7-12 | 7-14 | m/min |

| | | | | | | | |
|------------|-------------|-----------|------------|----------------|--------------|-------------------|-------------------|
| UNF | HSSE | OX | 40° | ANSI 2B | C/2,5 | DIN 2184-1 | DIN 2184-1 |
|------------|-------------|-----------|------------|----------------|--------------|-------------------|-------------------|

| EDP | UNF | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|------|----|-----|------|----|-----|------|---|-----|-----------|-------|
| 48223454 | 2 | 64 | 45 | 3,6 | 11 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48223456 | 3 | 56 | 50 | 3,6 | 13 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48223458 | 4 | 48 | 56 | 5,1 | 18 | 3,5 | 2,7 | 2 | 1 | DIN2184-1 | |
| 48223460 | 5 | 44 | 56 | 5,1 | 18 | 3,5 | 2,7 | 2 | 1 | DIN2184-1 | |
| 48223462 | 6 | 40 | 56 | 6,4 | 20 | 4 | 3 | 2 | 1 | DIN2184-1 | |
| 48223465 | 8 | 36 | 63 | 6,4 | 21 | 4,5 | 3,4 | 2 | 1 | DIN2184-1 | |
| 48223467 | 10 | 32 | 70 | 8,5 | 25 | 6 | 4,9 | 2 | 1 | DIN2184-1 | |
| 48223469 | 12 | 28 | 80 | 8,5 | 30 | 6 | 4,9 | 2 | 1 | DIN2184-1 | |
| 48223472 | 1/4 | 28 | 80 | 10,2 | 30 | 7 | 5,5 | 2 | 1 | DIN2184-1 | |
| 48223476 | 5/16 | 24 | 90 | 11,3 | 35 | 8 | 6,2 | 3 | 1 | DIN2184-1 | |
| 48223481 | 3/8 | 24 | 90 | 12,7 | 35 | 10 | 8 | 3 | 1 | DIN2184-1 | |
| 48223486 | 7/16 | 20 | 100 | 14,5 | - | 8 | 6,2 | 3 | 2 | DIN2184-1 | |
| 48223491 | 1/2 | 20 | 100 | 15,6 | - | 9 | 7 | 3 | 2 | DIN2184-1 | |
| 48223496 | 9/16 | 18 | 100 | 16,9 | - | 11 | 9 | 3 | 2 | DIN2184-1 | |
| 48223504 | 5/8 | 18 | 100 | 18,5 | - | 12 | 9 | 3 | 2 | DIN2184-1 | |
| 48223517 | 3/4 | 16 | 110 | 25,4 | - | 14 | 11 | 4 | 2 | DIN2184-1 | |
| 48223528 | 7/8 | 14 | 125 | 28,2 | - | 18 | 14,5 | 4 | 2 | DIN2184-1 | |
| 48223539 | 1 | 12 | 140 | 31,8 | - | 18 | 14,5 | 4 | 2 | DIN2184-1 | |

Gwintowanie | Gwintownik



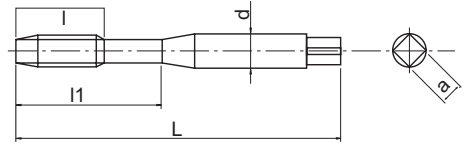
UNF

S-POT NOWE ROZMIARY

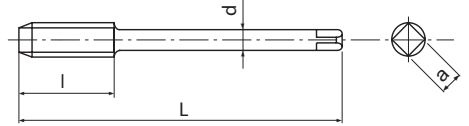
Gwintowanie | Gwintownik | Metryczny



Typ 1



Typ 2



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | m/min |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | |

| | | | | | | | |
|----------|-------------|-----------|-----------------|----------------------|------------|----------------|----------------|
| M | HSSE | OX | ISO 2 6H | ISO 1 5H-M1,4 | B/4 | DIN 371 | DIN 376 |
|----------|-------------|-----------|-----------------|----------------------|------------|----------------|----------------|

*Tolerancja 5H

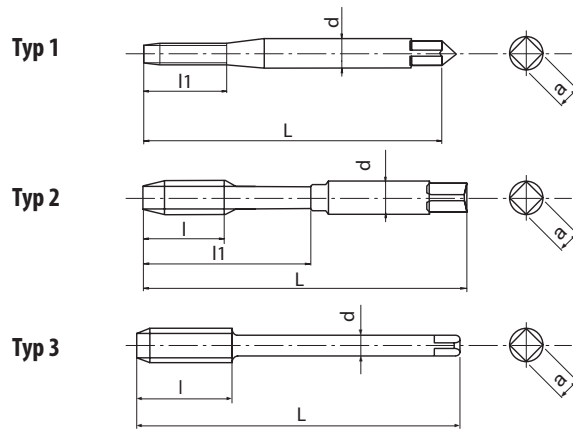
| EDP | M | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|------------------------------|-----|------|-----|----|----|-----|------|---|-----|--------|-------|
| *48224111 <small>NEW</small> | 1 | 0,25 | 40 | - | 5 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| *48224112 <small>NEW</small> | 1,1 | 0,25 | 40 | - | 5 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| *48224113 <small>NEW</small> | 1,2 | 0,25 | 40 | - | 5 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| *48224115 <small>NEW</small> | 1,4 | 0,3 | 40 | - | 7 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48224118 <small>NEW</small> | 1,6 | 0,35 | 40 | - | 8 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48224119 <small>NEW</small> | 1,7 | 0,35 | 40 | - | 8 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48224120 <small>NEW</small> | 1,8 | 0,35 | 40 | - | 8 | 2,5 | 2,1 | 2 | 1 | DIN371 | |
| 48224125 <small>NEW</small> | 2 | 0,4 | 45 | - | 8 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48224127 <small>NEW</small> | 2,2 | 0,45 | 45 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48224128 <small>NEW</small> | 2,3 | 0,4 | 45 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48224133 <small>NEW</small> | 2,5 | 0,45 | 50 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48224136 <small>NEW</small> | 2,6 | 0,45 | 50 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48224138 | 3 | 0,5 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48224142 <small>NEW</small> | 3,5 | 0,6 | 56 | 12 | 20 | 4 | 3 | 3 | 1 | DIN371 | |
| 48224144 | 4 | 0,7 | 63 | 13 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48224147 <small>NEW</small> | 4,5 | 0,75 | 70 | 16 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48224149 | 5 | 0,8 | 70 | 16 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48224152 <small>NEW</small> | 5,5 | 0,9 | 80 | 17 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48224155 | 6 | 1 | 80 | 19 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48224158 <small>NEW</small> | 7 | 1 | 80 | 19 | 30 | 7 | 5,5 | 3 | 1 | DIN371 | |
| 48224161 | 8 | 1,25 | 90 | 22 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48224165 <small>NEW</small> | 9 | 1,25 | 90 | 22 | 35 | 9 | 7 | 3 | 1 | DIN371 | |
| 48224169 | 10 | 1,5 | 100 | 24 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48224140 <small>NEW</small> | 3 | 0,5 | 56 | 11 | - | 2,2 | - | 3 | 2 | DIN376 | |
| 48224185 <small>NEW</small> | 4 | 0,7 | 63 | 13 | - | 2,8 | 2,1 | 3 | 2 | DIN376 | |
| 48224150 <small>NEW</small> | 5 | 0,8 | 70 | 16 | - | 3,5 | 2,7 | 3 | 2 | DIN376 | |
| 48224187 <small>NEW</small> | 6 | 1 | 80 | 19 | - | 4,5 | 3,4 | 3 | 2 | DIN376 | |
| 48224159 <small>NEW</small> | 7 | 1 | 80 | 19 | - | 5,5 | 4,3 | 3 | 2 | DIN376 | |
| 48224188 <small>NEW</small> | 8 | 1,25 | 90 | 22 | - | 6 | 4,9 | 3 | 2 | DIN376 | |
| 48224166 <small>NEW</small> | 9 | 1,25 | 90 | 22 | - | 7 | 5,5 | 3 | 2 | DIN376 | |
| 48224189 <small>NEW</small> | 10 | 1,5 | 100 | 24 | - | 7 | 5,5 | 3 | 2 | DIN376 | |
| 48224175 <small>NEW</small> | 11 | 1,5 | 100 | 24 | - | 8 | 6,2 | 3 | 2 | DIN376 | |
| 48224179 | 12 | 1,75 | 110 | 28 | - | 9 | 7 | 3 | 2 | DIN376 | |
| 48224191 | 14 | 2 | 110 | 30 | - | 11 | 9 | 3 | 2 | DIN376 | |
| 48224202 | 16 | 2 | 110 | 32 | - | 12 | 9 | 3 | 2 | DIN376 | |
| 48224214 | 18 | 2,5 | 125 | 34 | - | 14 | 11 | 3 | 2 | DIN376 | |
| 48224228 | 20 | 2,5 | 140 | 34 | - | 16 | 12 | 3 | 2 | DIN376 | |
| 48224238 | 22 | 2,5 | 140 | 34 | - | 18 | 14,5 | 3 | 2 | DIN376 | |
| 48224247 | 24 | 3 | 160 | 38 | - | 18 | 14,5 | 3 | 2 | DIN376 | |

S-POT 7G NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla tolerancji gwintu wewnętrznego 7G



| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | | |
|----------|-------------|-----------|-----------|------------|----------------|----------------|
| M | HSSE | OX | 7G | B/4 | DIN 371 | DIN 376 |
|----------|-------------|-----------|-----------|------------|----------------|----------------|

| EDP | M | P | nadwymiarowy | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|-----|------|--------------|-----|----|----|-----|-----|---|-----|--------|-------|
| 48273125 | 2 | 0,4 | +0,038 | 45 | 8 | - | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48273133 | 2,5 | 0,45 | +0,040 | 50 | 9 | - | 2,8 | 2,1 | 2 | 1 | DIN371 | |
| 48273138 | 3 | 0,5 | +0,040 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | 2 | DIN371 | |
| 48273144 | 4 | 0,7 | +0,044 | 63 | 13 | 21 | 4,5 | 3,4 | 3 | 2 | DIN371 | |
| 48273149 | 5 | 0,8 | +0,048 | 70 | 16 | 25 | 6 | 4,9 | 3 | 2 | DIN371 | |
| 48273155 | 6 | 1 | +0,052 | 80 | 19 | 30 | 6 | 4,9 | 3 | 2 | DIN371 | |
| 48273161 | 8 | 1,25 | +0,056 | 90 | 22 | 35 | 8 | 6,2 | 3 | 2 | DIN371 | |
| 48273169 | 10 | 1,5 | +0,064 | 100 | 24 | 39 | 10 | 8 | 3 | 2 | DIN371 | |
| 48273179 | 12 | 1,75 | +0,068 | 110 | 28 | - | 9 | 7 | 3 | 3 | DIN376 | |
| 48273191 | 14 | 2 | +0,076 | 110 | 30 | - | 11 | 9 | 3 | 3 | DIN376 | |
| 48273202 | 16 | 2 | +0,076 | 110 | 32 | - | 12 | 9 | 3 | 3 | DIN376 | |
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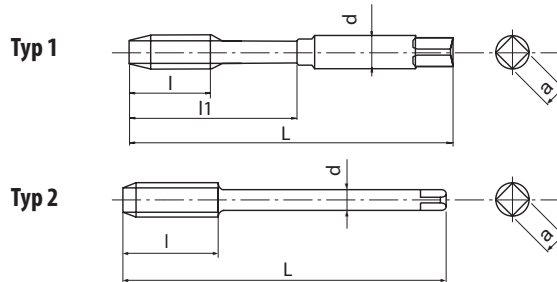
Gwintowanie | Gwintownik



Metryczny

S-POT+0.1 NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Gwintownik nadwymiarowy dla tolerancji gwintu 6H +0,1mm

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | | | |
|----------|-------------|-----------|----------------|------------|--|----------------|----------------|
| M | HSSE | OX | 6H +0.1 | B/4 | | DIN 371 | DIN 376 |
|----------|-------------|-----------|----------------|------------|--|----------------|----------------|

| EDP | M | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|----|------|-----|----|----|-----|-----|---|-----|--------|-------|
| 48271138 | 3 | 0,5 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48271144 | 4 | 0,7 | 63 | 13 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48271149 | 5 | 0,8 | 70 | 16 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48271155 | 6 | 1 | 80 | 19 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48271161 | 8 | 1,25 | 90 | 22 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48271169 | 10 | 1,5 | 100 | 24 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48271179 | 12 | 1,75 | 110 | 28 | - | 9 | 7 | 3 | 2 | DIN376 | |
| 48271191 | 14 | 2 | 110 | 30 | - | 11 | 9 | 3 | 2 | DIN376 | |
| 48271202 | 16 | 2 | 110 | 32 | - | 12 | 9 | 3 | 2 | DIN376 | |

Gwintowanie | Gwintownik



Metryczny

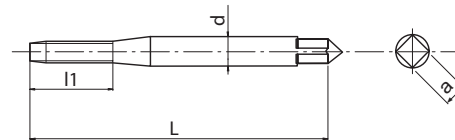
S-LT-POT NOWE

Gwintowanie | Gwintownik | Metryczny

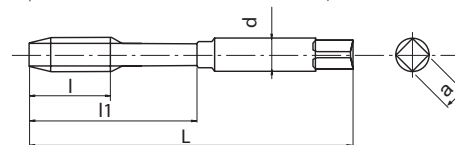


- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Długi chwyt dla dużych wyięgów

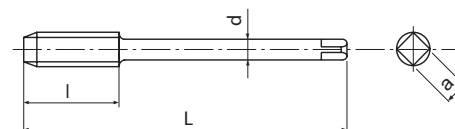
Typ 1



Typ 2



Typ 3



Gwintowanie | Gwintownik

| | | | | | | |
|-------------|------------------|--------------|----------|----------|----------|-------|
| P | P | P | P | M | K | |
| $C < 0,2\%$ | $0,25 < C < 0,4$ | $C > 0,45\%$ | SCM | INOX | GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

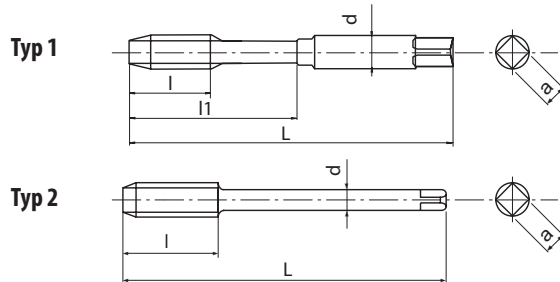
| | | | | | |
|----------|-------------|-----------|---------------------|------------|---|
| M | HSSE | OX | ISO 2 6H | B/4 |  |
|----------|-------------|-----------|---------------------|------------|---|

Metryczny

| EDP | M | P | L | l | l1 | d | a | Z | Typ | Price |
|----------|-----|------|-----|----|----|-----|-----|---|-----|-------|
| 48278125 | 2 | 0,4 | 80 | 8 | - | 2,8 | 2,1 | 2 | 1 | |
| 48278133 | 2,5 | 0,45 | 100 | 9 | - | 2,8 | 2,1 | 2 | 1 | |
| 48278138 | 3 | 0,5 | 100 | 11 | 18 | 3,5 | 2,7 | 3 | 2 | |
| 48278144 | 4 | 0,7 | 125 | 13 | 21 | 4,5 | 3,4 | 3 | 2 | |
| 48278149 | 5 | 0,8 | 160 | 16 | 25 | 6 | 4,9 | 3 | 2 | |
| 48278155 | 6 | 1 | 160 | 19 | 30 | 6 | 4,9 | 3 | 2 | |
| 48278161 | 8 | 1,25 | 180 | 22 | 35 | 8 | 6,2 | 3 | 2 | |
| 48278169 | 10 | 1,5 | 200 | 24 | 39 | 10 | 8 | 3 | 2 | |
| 48278187 | 6 | 1 | 160 | 19 | - | 4,5 | 3,4 | 3 | 2 | |
| 48278188 | 8 | 1,25 | 180 | 22 | - | 6 | 4,9 | 3 | 2 | |
| 48278189 | 10 | 1,5 | 200 | 24 | - | 7 | 5,5 | 3 | 2 | |
| 48278179 | 12 | 1,75 | 200 | 28 | - | 9 | 7 | 3 | 3 | |
| 48278191 | 14 | 2 | 200 | 30 | - | 11 | 9 | 3 | 3 | |
| 48278202 | 16 | 2 | 200 | 32 | - | 12 | 9 | 3 | 3 | |
| 48278214 | 18 | 2,5 | 200 | 34 | - | 14 | 11 | 3 | 3 | |
| 48278228 | 20 | 2,5 | 200 | 34 | - | 16 | 12 | 3 | 3 | |
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S-POT-LH NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla gwintów lewoskrętnych

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

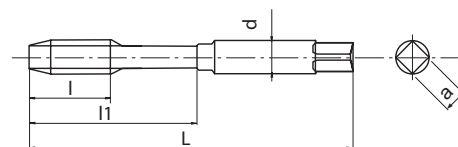
| | | | | | | | | |
|----------|-------------|-----------|-----------------|------------|--|----------------|----------------|-----------|
| M | HSSE | OX | ISO 2 6H | B/4 | | DIN 371 | DIN 376 | LH |
|----------|-------------|-----------|-----------------|------------|--|----------------|----------------|-----------|

| EDP | M | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|----|------|-----|----|----|-----|------|---|-----|--------|-------|
| 48280138 | 3 | 0,5 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | 1 | DIN371 | |
| 48280144 | 4 | 0,7 | 63 | 13 | 21 | 4,5 | 3,4 | 3 | 1 | DIN371 | |
| 48280149 | 5 | 0,8 | 70 | 16 | 25 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48280155 | 6 | 1 | 80 | 19 | 30 | 6 | 4,9 | 3 | 1 | DIN371 | |
| 48280161 | 8 | 1,25 | 90 | 22 | 35 | 8 | 6,2 | 3 | 1 | DIN371 | |
| 48280169 | 10 | 1,5 | 100 | 24 | 39 | 10 | 8 | 3 | 1 | DIN371 | |
| 48280179 | 12 | 1,75 | 110 | 28 | - | 9 | 7 | 3 | 2 | DIN376 | |
| 48280191 | 14 | 2 | 110 | 30 | - | 11 | 9 | 3 | 2 | DIN376 | |
| 48280202 | 16 | 2 | 110 | 32 | - | 12 | 9 | 3 | 2 | DIN376 | |
| 48280214 | 18 | 2,5 | 125 | 34 | - | 14 | 11 | 3 | 2 | DIN376 | |
| 48280228 | 20 | 2,5 | 140 | 34 | - | 16 | 12 | 3 | 2 | DIN376 | |
| 48280238 | 22 | 2,5 | 140 | 34 | - | 18 | 14,5 | 3 | 2 | DIN376 | |
| 48280247 | 24 | 3 | 160 | 38 | - | 18 | 14,5 | 3 | 2 | DIN376 | |



S-POT-HB Weldon NOWE

Gwintowanie | Gwintownik | Metryczny



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla oprawki Weldon

| P | P | P | P | M | K | |
|----------|----------------|-----------|------|------|-------|-------|
| C < 0,2% | 0,25 < C < 0,4 | C > 0,45% | SCM | INOX | GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | | | |
|---|------|----|-------------|-----|---------|-------------|----|
| M | HSSE | OX | ISO 2 6H | B/4 | DIN 371 | DIN 1835 | HB |
|---|------|----|-------------|-----|---------|-------------|----|

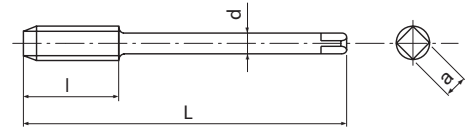
| EDP | M | P | L | l | l1 | d | a | Z | DIN | Price |
|----------|----|------|-----|----|----|----|-----|---|-------------|-------|
| 48279138 | 3 | 0,5 | 56 | 11 | 18 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48279144 | 4 | 0,7 | 63 | 13 | 21 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48279149 | 5 | 0,8 | 70 | 16 | 25 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48279155 | 6 | 1 | 80 | 19 | 30 | 6 | 4,9 | 3 | DIN371/1835 | |
| 48279161 | 8 | 1,25 | 90 | 22 | 35 | 8 | 6,2 | 3 | DIN371/1835 | |
| 48279169 | 10 | 1,5 | 100 | 24 | 39 | 10 | 8 | 3 | DIN371/1835 | |
| 48279179 | 12 | 1,75 | 110 | 28 | 46 | 12 | 9 | 3 | DIN371/1835 | |
| 48279191 | 14 | 2 | 110 | 30 | 49 | 14 | 11 | 3 | DIN371/1835 | |
| 48279202 | 16 | 2 | 110 | 32 | 56 | 16 | 12 | 3 | DIN371/1835 | |

Gwintowanie | Gwintownik

Metryczny

S-POT

Gwintowanie | Gwintownik | Metryczny drobnozwojny



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | |
|-----------|-------------|-----------|-----------------|------------|----------------|
| MF | HSSE | OX | ISO 2 6H | B/4 | DIN 374 |
|-----------|-------------|-----------|-----------------|------------|----------------|

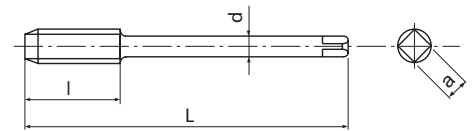
| EDP | MF | P | L | l | d | a | Z | DIN | Price |
|----------|----|------|-----|----|-----|------|---|--------|-------|
| 48224139 | 3 | 0,35 | 56 | 9 | 2,2 | - | 3 | DIN374 | |
| 48224145 | 4 | 0,5 | 63 | 10 | 2,8 | 2,1 | 3 | DIN374 | |
| 48224151 | 5 | 0,5 | 70 | 12 | 3,5 | 2,7 | 3 | DIN374 | |
| 48224157 | 6 | 0,5 | 80 | 14 | 4,5 | 3,4 | 3 | DIN374 | |
| 48224156 | 6 | 0,75 | 80 | 14 | 4,5 | 3,4 | 3 | DIN374 | |
| 48224163 | 8 | 0,75 | 80 | 18 | 6 | 4,9 | 3 | DIN374 | |
| 48224162 | 8 | 1 | 90 | 22 | 6 | 4,9 | 3 | DIN374 | |
| 48224167 | 9 | 1 | 90 | 22 | 7 | 5,5 | 3 | DIN374 | |
| 48224172 | 10 | 0,75 | 90 | 20 | 7 | 5,5 | 3 | DIN374 | |
| 48224171 | 10 | 1 | 90 | 20 | 7 | 5,5 | 3 | DIN374 | |
| 48224170 | 10 | 1,25 | 100 | 24 | 7 | 5,5 | 3 | DIN374 | |
| 48224176 | 11 | 1 | 90 | 20 | 8 | 6,2 | 3 | DIN374 | |
| 48224182 | 12 | 1 | 100 | 22 | 9 | 7 | 3 | DIN374 | |
| 48224181 | 12 | 1,25 | 100 | 22 | 9 | 7 | 3 | DIN374 | |
| 48224180 | 12 | 1,5 | 100 | 22 | 9 | 7 | 3 | DIN374 | |
| 48224194 | 14 | 1 | 100 | 22 | 11 | 9 | 3 | DIN374 | |
| 48224193 | 14 | 1,25 | 100 | 22 | 11 | 9 | 3 | DIN374 | |
| 48224192 | 14 | 1,5 | 100 | 22 | 11 | 9 | 3 | DIN374 | |
| 48224204 | 16 | 1 | 100 | 22 | 12 | 9 | 3 | DIN374 | |
| 48224203 | 16 | 1,5 | 100 | 22 | 12 | 9 | 3 | DIN374 | |
| 48224218 | 18 | 1 | 110 | 25 | 14 | 11 | 3 | DIN374 | |
| 48224216 | 18 | 1,5 | 110 | 25 | 14 | 11 | 3 | DIN374 | |
| 48224232 | 20 | 1 | 125 | 25 | 16 | 12 | 3 | DIN374 | |
| 48224230 | 20 | 1,5 | 125 | 25 | 16 | 12 | 3 | DIN374 | |
| 48224220 | 20 | 2 | 140 | 34 | 16 | 12 | 3 | DIN374 | |
| 48224241 | 22 | 1 | 125 | 25 | 18 | 14,5 | 3 | DIN374 | |
| 48224240 | 22 | 1,5 | 125 | 25 | 18 | 14,5 | 3 | DIN374 | |
| 48224239 | 22 | 2 | 140 | 34 | 18 | 14,5 | 3 | DIN374 | |
| 48224251 | 24 | 1 | 140 | 28 | 18 | 14,5 | 3 | DIN374 | |
| 48224250 | 24 | 1,5 | 140 | 28 | 18 | 14,5 | 3 | DIN374 | |
| 48224249 | 24 | 2 | 140 | 28 | 18 | 14,5 | 3 | DIN374 | |

Gwintowanie | Gwintownik

Metryczny drobnozwojny

S-POT 6G NOWE

Gwintowanie | Gwintownik | Metryczny drobnozwojny



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej
- Dla tolerancji gwintu wewnętrznego 6G

Gwintowanie | Gwintownik

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | | |
|----|------|----|-------------|-----|--|---------|
| MF | HSSE | OX | ISO 2 6G | B/4 | | DIN 374 |
|----|------|----|-------------|-----|--|---------|

| EDP | MF | P | nadwymiarowy | L | l | d | a | Z | DIN | Price |
|----------|----|------|--------------|-----|----|-----|------|---|--------|-------|
| 48272156 | 6 | 0,75 | +0,022 | 80 | 14 | 4,5 | 3,4 | 3 | DIN374 | |
| 48272162 | 8 | 1 | +0,026 | 90 | 22 | 6 | 4,9 | 3 | DIN374 | |
| 48272163 | 8 | 0,75 | +0,022 | 80 | 18 | 6 | 4,9 | 3 | DIN374 | |
| 48272170 | 10 | 1,25 | +0,028 | 100 | 24 | 7 | 5,5 | 3 | DIN374 | |
| 48272171 | 10 | 1 | +0,026 | 90 | 20 | 7 | 5,5 | 3 | DIN374 | |
| 48272180 | 12 | 1,5 | +0,032 | 100 | 22 | 9 | 7 | 3 | DIN374 | |
| 48272181 | 12 | 1,25 | +0,028 | 100 | 22 | 9 | 7 | 3 | DIN374 | |
| 48272182 | 12 | 1 | +0,026 | 100 | 22 | 9 | 7 | 3 | DIN374 | |
| 48272192 | 14 | 1,5 | +0,032 | 100 | 22 | 11 | 9 | 4 | DIN374 | |
| 48272203 | 16 | 1,5 | +0,032 | 100 | 22 | 12 | 9 | 4 | DIN374 | |
| 48272216 | 18 | 1,5 | +0,032 | 110 | 25 | 14 | 11 | 4 | DIN374 | |
| 48272230 | 20 | 1,5 | +0,032 | 125 | 25 | 16 | 12 | 4 | DIN374 | |
| 48272240 | 22 | 1,5 | +0,032 | 125 | 25 | 18 | 14,5 | 4 | DIN374 | |
| 48272250 | 24 | 1,5 | +0,032 | 140 | 28 | 18 | 14,5 | 4 | DIN374 | |
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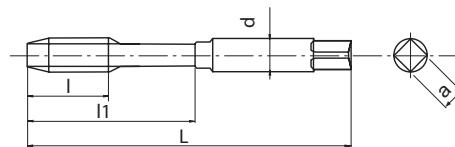
Metryczny drobnozwojny

S-POT NOWE

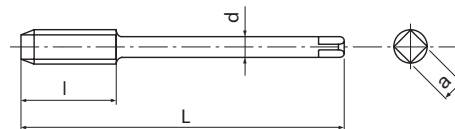
Gwintowanie | Gwintownik | UNC



Typ 1



Typ 2



- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | | |
|------------|-------------|-----------|----------------|------------|-------------------|-------------------|
| UNC | HSSE | OX | ANSI 2B | B/4 | DIN 2184-1 | DIN 2184-1 |
|------------|-------------|-----------|----------------|------------|-------------------|-------------------|

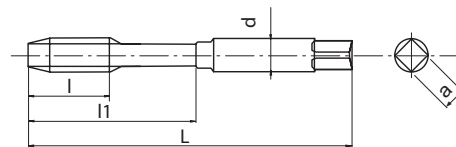
| EDP | UNC | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|------|----|-----|----|----|-----|------|---|-----|-----------|-------|
| 48224453 | 2 | 56 | 45 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48224455 | 3 | 48 | 50 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48224457 | 4 | 40 | 56 | 11 | 18 | 3,5 | 2,7 | 2 | 1 | DIN2184-1 | |
| 48224459 | 5 | 40 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | 1 | DIN2184-1 | |
| 48224461 | 6 | 32 | 56 | 12 | 20 | 4 | 3 | 3 | 1 | DIN2184-1 | |
| 48224464 | 8 | 32 | 63 | 13 | 21 | 4,5 | 3,4 | 3 | 1 | DIN2184-1 | |
| 48224466 | 10 | 24 | 70 | 16 | 25 | 6 | 4,9 | 3 | 1 | DIN2184-1 | |
| 48224468 | 12 | 24 | 80 | 17 | 30 | 6 | 4,9 | 3 | 1 | DIN2184-1 | |
| 48224471 | 1/4 | 20 | 80 | 19 | 30 | 7 | 5,5 | 3 | 1 | DIN2184-1 | |
| 48224474 | 5/16 | 18 | 90 | 22 | 35 | 8 | 6,2 | 3 | 1 | DIN2184-1 | |
| 48224479 | 3/8 | 16 | 100 | 24 | 39 | 10 | 8 | 3 | 1 | DIN2184-1 | |
| 48224484 | 7/16 | 14 | 100 | 24 | - | 8 | 6,2 | 3 | 2 | DIN2184-1 | |
| 48224489 | 1/2 | 13 | 110 | 28 | - | 9 | 7 | 3 | 2 | DIN2184-1 | |
| 48224494 | 9/16 | 12 | 110 | 30 | - | 11 | 9 | 3 | 2 | DIN2184-1 | |
| 48224501 | 5/8 | 11 | 110 | 32 | - | 12 | 9 | 3 | 2 | DIN2184-1 | |
| 48224515 | 3/4 | 10 | 125 | 34 | - | 14 | 11 | 3 | 2 | DIN2184-1 | |
| 48224526 | 7/8 | 9 | 140 | 34 | - | 18 | 14,5 | 3 | 2 | DIN2184-1 | |
| 48224538 | 1 | 8 | 160 | 38 | - | 18 | 14,5 | 3 | 2 | DIN2184-1 | |

S-POT NOWE

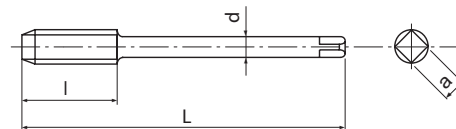
Gwintowanie | Gwintownik | UNF



Typ 1



Typ 2



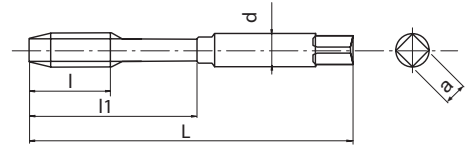
- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | | |
|------------|-------------|-----------|----------------|------------|-------------------|-------------------|
| UNF | HSSE | OX | ANSI 2B | B/4 | DIN 2184-1 | DIN 2184-1 |
|------------|-------------|-----------|----------------|------------|-------------------|-------------------|

| EDP | UNF | P | L | l | l1 | d | a | Z | Typ | DIN | Price |
|----------|------|----|-----|----|----|-----|------|---|-----|-----------|-------|
| 48224454 | 2 | 64 | 45 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48224456 | 3 | 56 | 50 | - | 9 | 2,8 | 2,1 | 2 | 1 | DIN2184-1 | |
| 48224458 | 4 | 48 | 56 | 11 | 18 | 3,5 | 2,7 | 2 | 1 | DIN2184-1 | |
| 48224460 | 5 | 44 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | 1 | DIN2184-1 | |
| 48224462 | 6 | 40 | 56 | 12 | 20 | 4 | 3 | 3 | 1 | DIN2184-1 | |
| 48224465 | 8 | 36 | 63 | 13 | 21 | 4,5 | 3,4 | 3 | 1 | DIN2184-1 | |
| 48224467 | 10 | 32 | 70 | 16 | 25 | 6 | 4,9 | 3 | 1 | DIN2184-1 | |
| 48224469 | 12 | 28 | 80 | 17 | 30 | 6 | 4,9 | 3 | 1 | DIN2184-1 | |
| 48224472 | 1/4 | 28 | 80 | 19 | 30 | 7 | 5,5 | 3 | 1 | DIN2184-1 | |
| 48224476 | 5/16 | 24 | 90 | 22 | 35 | 8 | 6,2 | 3 | 1 | DIN2184-1 | |
| 48224481 | 3/8 | 24 | 90 | 20 | 35 | 10 | 8 | 3 | 1 | DIN2184-1 | |
| 48224486 | 7/16 | 20 | 100 | 24 | - | 8 | 6,2 | 3 | 2 | DIN2184-1 | |
| 48224491 | 1/2 | 20 | 100 | 22 | - | 9 | 7 | 3 | 2 | DIN2184-1 | |
| 48224496 | 9/16 | 18 | 100 | 22 | - | 11 | 9 | 3 | 2 | DIN2184-1 | |
| 48224504 | 5/8 | 18 | 100 | 22 | - | 12 | 9 | 3 | 2 | DIN2184-1 | |
| 48224517 | 3/4 | 16 | 110 | 25 | - | 14 | 11 | 3 | 2 | DIN2184-1 | |
| 48224528 | 7/8 | 14 | 125 | 25 | - | 18 | 14,5 | 3 | 2 | DIN2184-1 | |
| 48224539 | 1 | 12 | 140 | 28 | - | 18 | 14,5 | 3 | 2 | DIN2184-1 | |





- Gwintownik HSSE ze skośną powierzchnią natarcia do otworów przelotowych
- Oksydowany
- Gwintowanie ogólnego zastosowania w stali i stali nierdzewnej

Gwintowanie | Gwintownik

| | | | | | | |
|----------------------|----------------------------|-----------------------|-----------------|------------------|-----------------|-------|
| P C < 0,2% | P 0,25 < C < 0,4 | P C > 0,45% | P SCM | M INOX | K GGG | |
| 15-24 | 10-15 | 10-15 | 8-13 | 8-16 | 10-15 | m/min |

| | | | | | |
|------------|-------------|-----------|------------|------------|-------------------|
| BSW | HSSE | OX | MED | B/4 | DIN 2184-1 |
|------------|-------------|-----------|------------|------------|-------------------|

| EDP | BSW | TPI | L | l | l1 | d | a | Z | DIN | Price |
|----------|------|-----|-----|----|----|-----|------|---|-----------|-------|
| 48272702 | 1/8 | 40 | 56 | 11 | 18 | 3,5 | 2,7 | 3 | DIN2184-1 | |
| 48272704 | 3/16 | 24 | 70 | 16 | 25 | 6 | 4,9 | 3 | DIN2184-1 | |
| 48272706 | 1/4 | 20 | 80 | 19 | 30 | 7 | 5,5 | 3 | DIN2184-1 | |
| 48272707 | 5/16 | 18 | 90 | 22 | 35 | 8 | 6,2 | 3 | DIN2184-1 | |
| 48272708 | 3/8 | 16 | 100 | 24 | 39 | 10 | 8 | 3 | DIN2184-1 | |
| 48272709 | 7/16 | 14 | 100 | 24 | - | 8 | 6,2 | 3 | DIN2184-1 | |
| 48272710 | 1/2 | 12 | 110 | 28 | - | 9 | 7 | 3 | DIN2184-1 | |
| 48272712 | 5/8 | 11 | 110 | 32 | - | 12 | 9 | 3 | DIN2184-1 | |
| 48272713 | 3/4 | 10 | 125 | 34 | - | 14 | 11 | 3 | DIN2184-1 | |
| 48272714 | 7/8 | 9 | 140 | 34 | - | 18 | 14,5 | 3 | DIN2184-1 | |
| 48272715 | 1 | 8 | 160 | 38 | - | 18 | 14,5 | 3 | DIN2184-1 | |

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