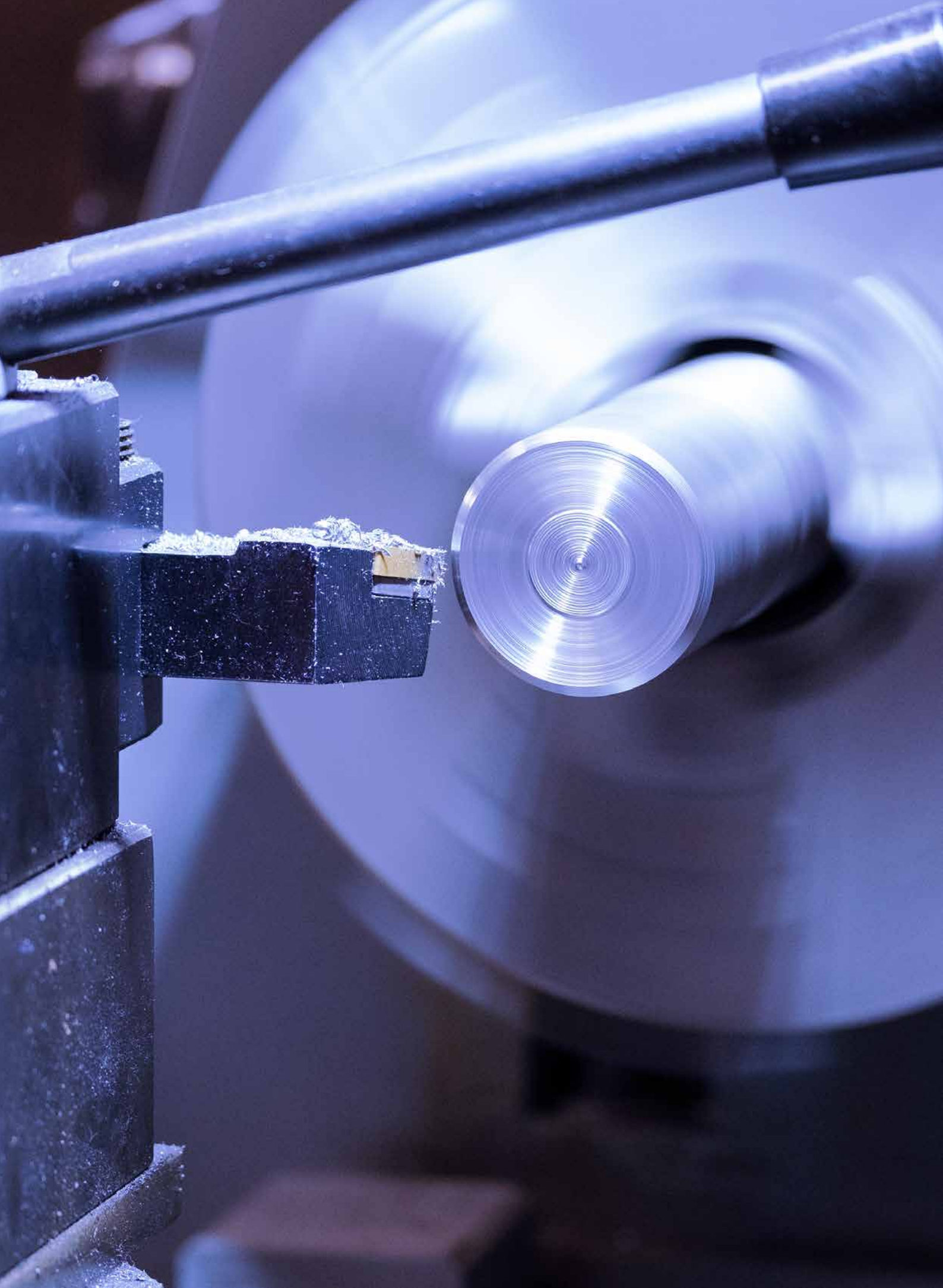







**INSERTI, BRASATI  
E BARRETTE**

- pag.195*  — Inserti per tornitura
- pag.201*  — Inserti per fresatura
- pag.204*  — Inserti per filettare
- pag.205*  — Brasati
- pag.206*  — Barrette


**PUNTE E SEGHE  
A TAZZA**

- pag.208*  — Punta da metallo
- pag.218*  — Frese a tazza
- pag.222*  — Frese a carotare
- pag.226*  — Punta da muro
- pag.228*  — Utensili diamantati
- pag.231*  — Utensili da legno


**UTENSILI A  
FRESARE**

- pag.233*  — Alesatori a macchina
- pag.234*  — Lamatori
- pag.235*  — Coltelli stozzatori e creatori
- pag.236*  — Frese frontali
- pag.237*  — Svasatori, allargatori e frese a scalini
- pag.239*  — Frese per legno


**MASCHI E  
FILIERE**

- pag.240*  — Maschi e filiere in serie
- pag.242*  — Maschi a macchina
- pag.244*  — Filiere e girafiliere


**RIPARAZIONE  
FILETTI**

- pag.245*  — Serie riparazione filetti
- pag.252*  — Utensili per riparazione filetti
- pag.254*  — Maschi per riparazione filetti
- pag.257*  — Inserti filettati


**LAME A NASTRO  
E A DISCO**

- pag.258*  — Lame a nastro
- pag.258*  — Lame a disco



| CLASSE ISO DEI MATERIALI | DESCRIZIONE          |
|--------------------------|----------------------|
| P                        | ACCIAIO              |
| M                        | ACCIAIO INOSSIDABILE |
| K                        | GHISA                |
| H                        | MATERIALI TEMPRATI   |
| S                        | SUPERLEGHE E TITANIO |

#### GUIDA ALLA LETTURA



APPLICAZIONE



FRESATURA



TORNITURA



CLASSE ISO | ESEMPIO: P | K |

ECCELLENTE (ADATTO)



GRADO

#### CARATTERISTICHE DEI GRADI DEGLI INSERTI

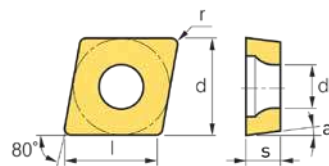
| GRADO | CLASSE ISO DEI MATERIALI |                   | DESCRIZIONE                                                                                                                                                                                                                                                                        |
|-------|--------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N     | P15<br>P25<br>P30        | M15<br>M25<br>M30 | Grado ricoperto MT-CVD adatto per lavorazioni di sgrossatura e Finitura di acciai sia a secco che con refrigerazione. Il particolare substrato tenacizzato abbinato alla nuova ricopertura ad alto spessore rende questo grado utilizzabile in varie applicazioni.                 |
| 134   | P20<br>P30<br>P45        |                   | Grado ricoperto MT-CVD ideale per lavorazioni di sgrossatura di acciai a taglio interrotto. Il particolare substrato tenacizzato abbinato alla nuova ricopertura ad alto spessore garantisce notevole resistenza all'usura e consente notevoli volumi di asportazione truciolo.    |
| 234   | P30<br>P45               |                   | Grado ricoperto MT-CVD adatto per lavorazioni di sgrossatura di acciai. La tenacità del substrato e la ricopertura ad alto spessore garantiscono grande resistenza in condizione di taglio interrotto e buona resistenza ai colpi. Da utilizzare a velocità di taglio medio-basse. |
| 25    | P10<br>P40               |                   | Grado versatile ricoperto MT-CVD che abbina una buona capacità produttiva e tenacità. Qualità adatta ad ogni tipo di lavorazione (sia a secco che con lubrificazione) con particolare efficacia nel campo della spianatura.                                                        |
| 20A   |                          | M15<br>M25<br>M30 | Grado ricoperto con tecnologia PVD adatto a lavorazioni di acciaio inossidabile di tipo austenitico. Il particolare abbinamento di un substrato omogeneo e ricopertura al silicio rende questa qualità ideale per velocità di taglio medio-alte.                                   |

## CCMTx

### INSERTI PER TORNITURA

 **N**  **P (K H)**  **Finitura**  **Positiva**

| Art.        | €      | Dimensione | d        | l        | s       | r       | a° |
|-------------|--------|------------|----------|----------|---------|---------|----|
| CCMT060204N | € 6,20 | 06         | 6.35 mm  | 6.30 mm  | 2.38 mm | 0.40 mm | 7  |
| CCMT09T304N | € 7,20 | 09         | 9.52 mm  | 9.70 mm  | 3.97 mm | 0.40 mm | 7  |
| CCMT09T308N | € 7,20 | 09         | 9.52 mm  | 9.70 mm  | 3.97 mm | 0.80 mm | 7  |
| CCMT120408N | € 9,50 | 12         | 12.70 mm | 12.90 mm | 4.76 mm | 0.80 mm | 7  |



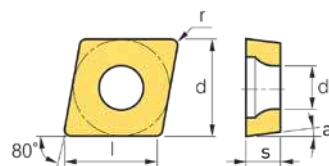
## CCMTxA

CAT. 42

### INSERTI PER TORNITURA

 **20A**  **P (M K)**  **Finitura**  **Positiva**

| Art.          | €       | Dimensione | d        | l        | s       | r       | a° |
|---------------|---------|------------|----------|----------|---------|---------|----|
| CCMT06020420A | € 6,50  | 06         | 6.35 mm  | 6.30 mm  | 2.38 mm | 0.40 mm | 7  |
| CCMT09T30420A | € 7,60  | 09         | 9.52 mm  | 9.70 mm  | 3.97 mm | 0.40 mm | 7  |
| CCMT09T30820A | € 7,60  | 09         | 9.52 mm  | 9.70 mm  | 3.97 mm | 0.80 mm | 7  |
| CCMT12040820A | € 10,00 | 12         | 12.70 mm | 12.90 mm | 4.76 mm | 0.80 mm | 7  |

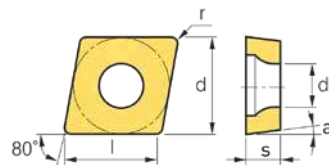


## CNMGx

### INSERTI PER TORNITURA

 **N**  **P (K H)**  **Finitura, Media**  **Negativa**

| Art.        | €      | Dimensioni | d        | l        | s       | r       | a° |
|-------------|--------|------------|----------|----------|---------|---------|----|
| CNMG120404N | € 8,00 | 12         | 12.70 mm | 12.90 mm | 4.76 mm | 0.40 mm | -  |
| CNMG120408N | € 8,00 | 12         | 12.70 mm | 12.90 mm | 4.76 mm | 0.80 mm | -  |



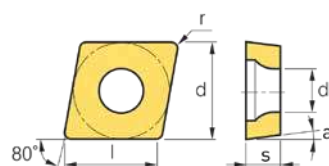
## CNMGxF15

CAT. 42

### INSERTO PER TORNITURA

 **F15**  **P (K)**  **Finitura**  **Negativa**

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| CNMG120404F15 | € 8,40 | 12 mm      | 12.70 mm | 12.90 mm | 4.76 | 0.40 | -  |



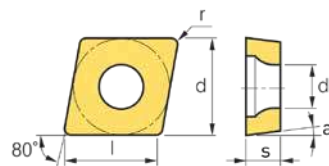
## CNMGxF25

CAT. 42

### INSERTO PER TORNITURA

 **F25**  **P (K)**  **Finitura**  **Negativa**

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| CNMG120404F25 | € 8,40 | 12 mm      | 12.70 mm | 12.90 mm | 4.76 | 0.40 | -  |



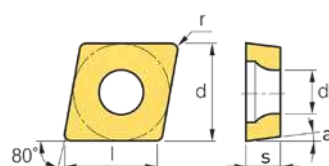
## CNMGxM25

CAT. 42

### INSERTO PER TORNITURA

 **M25**  **P (K)**  **Media**  **Negativa**

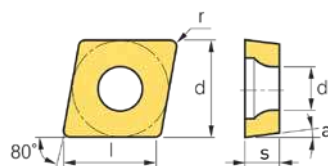
| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| CNMG120408M25 | € 8,40 | 12 mm      | 12.70 mm | 12.90 mm | 4.76 | 0.80 | -  |



**CNMGxM35**
**CAT. 42**
**INSERTO PER TORNITURA**

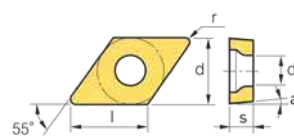
M35 ISO P(K) Media Negativa

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| CNMG120408M35 | € 8,40 | 12 mm      | 12.70 mm | 12.90 mm | 4.76 | 0.80 | -  |


**DCMTx**
**INSERTI PER TORNITURA**

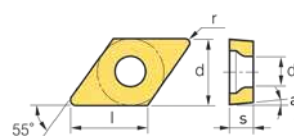
N ISO P(KH) Finitura Positivo

| Art.        | €      | Dimensioni | d       | l        | s    | r    | a° |
|-------------|--------|------------|---------|----------|------|------|----|
| DCMT070204N | € 6,20 | 07 mm      | 6.35 mm | 7.70 mm  | 2.38 | 0.40 | 7  |
| DCMT11T304N | € 8,20 | 11 mm      | 9.52 mm | 11.60 mm | 3.97 | 0.40 | 7  |


**DCMTxA**
**CAT. 42**
**INSERTO PER TORNITURA**

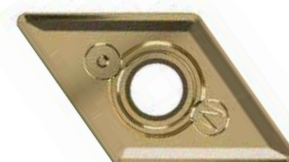
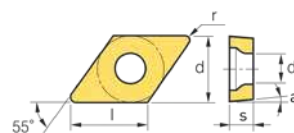
20A ISO PMS(KH) Finitura Positivo

| Art.          | €      | Dimensioni | d       | l        | s    | r    | a° |
|---------------|--------|------------|---------|----------|------|------|----|
| DCMT07020420A | € 6,50 | 07 mm      | 6.35 mm | 7.70 mm  | 2.38 | 0.40 | 7  |
| DCMT11T30420A | € 8,60 | 11 mm      | 9.52 mm | 11.60 mm | 3.97 | 0.40 | 7  |


**DNMGx**
**INSERTI PER TORNITURA**

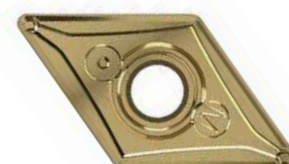
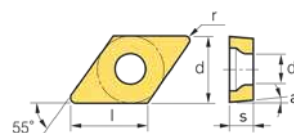
N ISO P(K) Media Negativa

| Art.        | €       | Dimensioni | d        | l        | s    | r   | a° |
|-------------|---------|------------|----------|----------|------|-----|----|
| DNMG150608N | € 12,00 | 15 mm      | 12.70 mm | 15.50 mm | 6.35 | 0.8 | -  |


**DNMGxM25**
**CAT. 42**
**INSERTO PER TORNITURA**

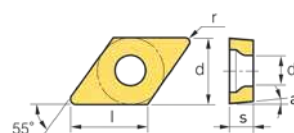
M25 ISO P(K) Medio Negativa

| Art.          | €       | Dimensioni | d        | l        | s    | r    | a° |
|---------------|---------|------------|----------|----------|------|------|----|
| DNMG150608M25 | € 12,70 | 15 mm      | 12.70 mm | 15.50 mm | 6.35 | 0.80 | -  |


**DNMGxM35**
**CAT. 42**
**INSERTO PER TORNITURA**

M35 ISO P(K) Medio Negativa

| Art.          | €       | Dimensioni | d        | l        | s    | r   | a° |
|---------------|---------|------------|----------|----------|------|-----|----|
| DNMG150608M35 | € 12,70 | 15 mm      | 12.70 mm | 15.50 mm | 6.35 | 0.8 | -  |

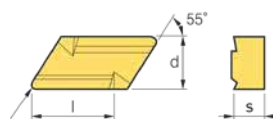


## KNUX

## INSERTI PER TORNITURA

N ISO P Finitura Positivo

| Art.         | €       | Dimensioni | d       | l        | s    | r    | a° |
|--------------|---------|------------|---------|----------|------|------|----|
| KNUX160405RN | € 10,20 | 16 mm      | 9.52 mm | 19.72 mm | 4.76 | 0.50 | -  |
| KNUX160410RN | € 10,20 | 16 mm      | 9.52 mm | 19.72 mm | 4.76 | 1.00 | -  |
| KNUX160405LN | € 10,20 | 16 mm      | 9.52 mm | 19.72 mm | 4.76 | 0.50 | -  |
| KNUX160410LN | € 10,20 | 16 mm      | 9.52 mm | 19.72 mm | 4.76 | 1.00 | -  |

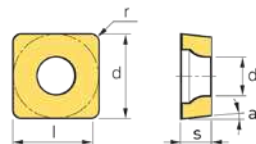


## SCMTx

## INSERTI PER TORNITURA

N ISO PMS (KH) Finitura Positivo

| Art.        | €       | Dimensioni | d        | l        | s    | r    | a° |
|-------------|---------|------------|----------|----------|------|------|----|
| SCMT09T304N | € 7,30  | 09 mm      | 9.52 mm  | 9.52 mm  | 3.97 | 0.40 | 7  |
| SCMT09T308N | € 7,30  | 09 mm      | 9.52 mm  | 9.52 mm  | 3.97 | 0.80 | 7  |
| SCMT120408N | € 10,10 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.80 | 7  |



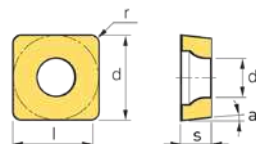
## SCMTxA1

CAT. 42

## INSERTO PER TORNITURA

20A ISO P (KH) Finitura Positivo

| Art.          | €      | Dimensioni | d       | l       | s    | r    | a° |
|---------------|--------|------------|---------|---------|------|------|----|
| SCMT09T30420A | € 7,70 | 09 mm      | 9.52 mm | 9.52 mm | 3.97 | 0.40 | 7  |



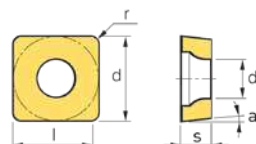
## SCMTxA2

CAT. 42

## INSERTO PER TORNITURA

20A ISO PMS (KH) Finitura, Media Positivo

| Art.          | €      | Dimensioni | d       | l       | s    | r    | a° |
|---------------|--------|------------|---------|---------|------|------|----|
| SCMT09T30820A | € 7,70 | 09 mm      | 9.52 mm | 9.52 mm | 3.97 | 0.80 | 7  |



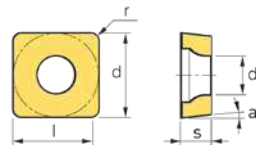
## SCMTxA3

CAT. 42

## INSERTO PER TORNITURA

20A ISO PMS (KH) Finitura, Media Positivo

| Art.          | €       | Dimensioni | d        | l        | s    | r    | a° |
|---------------|---------|------------|----------|----------|------|------|----|
| SCMT12040820A | € 10,60 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.80 | 7  |

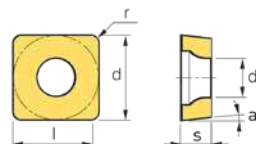


## SNMGx

## INSERTI PER TORNITURA

N ISO P Finitura Negativa

| Art.        | €      | Dimensioni | d        | l        | s    | r    | a° |
|-------------|--------|------------|----------|----------|------|------|----|
| SNMG120404N | € 8,90 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.40 | -  |
| SNMG120408N | € 8,90 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.80 | -  |



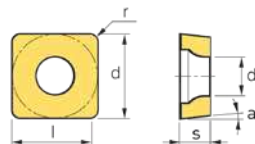
**SNMGxF15**

CAT. 42

**INSERTO PER TORNITURA**

F15 ISO P(K) Finitura Negativa

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| SNMG120404F15 | € 9,40 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.40 | -  |

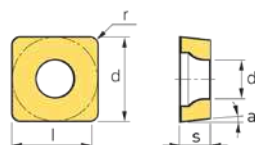

**SNMGxF25**

CAT. 42

**INSERTO PER TORNITURA**

F25 ISO P(K) Finitura Negativa

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| SNMG120404F25 | € 9,40 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.40 | -  |

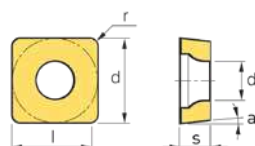

**SNMGxM25**

CAT. 42

**INSERTO PER TORNITURA**

M25 ISO P(K) Media Negativa

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| SNMG120408M25 | € 9,40 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.80 | -  |

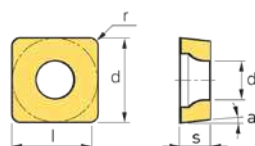

**SNMGxM35**

CAT. 42

**INSERTO PER TORNITURA**

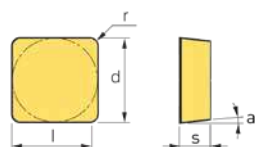
M35 ISO P Media Negativa

| Art.          | €      | Dimensioni | d        | l        | s    | r    | a° |
|---------------|--------|------------|----------|----------|------|------|----|
| SNMG120408M35 | € 9,40 | 12 mm      | 12.70 mm | 12.70 mm | 4.76 | 0.80 | -  |


**SPMRx**
**INSERTI PER TORNITURA**

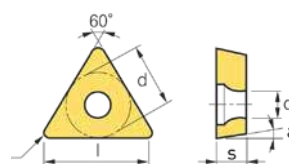
N ISO P Finitura Positiva

| Art.        | €      | Dimensioni | d        | l        | s    | r    | a° |
|-------------|--------|------------|----------|----------|------|------|----|
| SPMR120304N | € 8,30 | 12 mm      | 12.70 mm | 12.70 mm | 3.46 | 0.40 | 11 |
| SPMR120308N | € 8,30 | 12 mm      | 12.70 mm | 12.70 mm | 3.46 | 0.80 | 11 |


**TCMTx**
**INSERTI PER TORNITURA**

N ISO PMS(KH) Finitura, Media Positiva

| Art.        | €      | Dimensioni | d       | l        | s    | r    | a° |
|-------------|--------|------------|---------|----------|------|------|----|
| TCMT090204N | € 6,10 | 9 mm       | 3.4 mm  | 9.63 mm  | 2.5  | 0.4  | 7  |
| TCMT110204N | € 6,30 | 11 mm      | 6.35 mm | 11.00 mm | 2.38 | 0.40 | 7  |
| TCMT16T304N | € 8,10 | 16 mm      | 9.52 mm | 16.50 mm | 3.97 | 0.40 | 7  |
| TCMT16T308N | € 8,10 | 16 mm      | 9.52 mm | 16.50 mm | 3.97 | 0.80 | 7  |



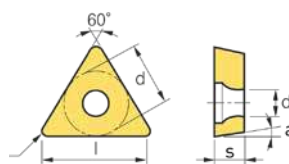
## TCMTxA

CAT. 42

### INSERTO PER TORNITURA

20A ISO P (MK) Finitura Positiva

| Art.          | €      | Dimensioni | d       | l        | s    | r    | a° |
|---------------|--------|------------|---------|----------|------|------|----|
| TCMT09020420A | € 6,40 | 9 mm       | 3.4 mm  | 9.63 mm  | 2.5  | 0.4  | 7  |
| TCMT11020420A | € 6,70 | 11 mm      | 6.35 mm | 11.00 mm | 2.38 | 0.40 | 7  |
| TCMT16T30420A | € 8,50 | 16 mm      | 9.52 mm | 16.50 mm | 3.97 | 0.40 | 7  |
| TCMT16T30820A | € 8,50 | 16 mm      | 9.52 mm | 16.50 mm | 3.97 | 0.80 | 7  |

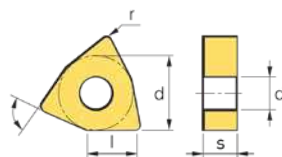


## WNMGx

### INSERTI PER TORNITURA

N ISO P Media Negativa

| Art.        | €       | Dimensioni | d        | l       | s    | r    | a° |
|-------------|---------|------------|----------|---------|------|------|----|
| WNMG080408N | € 10,10 | 08 mm      | 12.70 mm | 8.70 mm | 4.76 | 0.80 | -  |



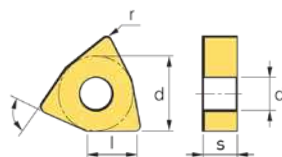
## WNMGxM25

CAT. 42

### INSERTO PER TORNITURA

M25 ISO P (K) Media Negativa

| Art.          | €       | Dimensioni | d        | l       | s    | r    | a° |
|---------------|---------|------------|----------|---------|------|------|----|
| WNMG080408M25 | € 10,60 | 08 mm      | 12.70 mm | 8.70 mm | 4.76 | 0.80 | -  |

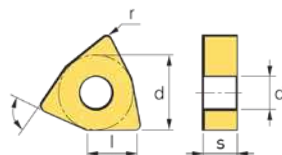


## WNMGxM35

CAT. 42

### INSERTO PER TORNITURA

| Art.          | €       | Dimensioni | d        | l       | s    | r    | a° |
|---------------|---------|------------|----------|---------|------|------|----|
| WNMG080408M35 | € 10,60 | 08 mm      | 12.70 mm | 8.70 mm | 4.76 | 0.80 | -  |

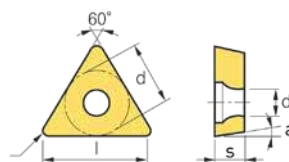


## TNMGx

### INSERTI PER TORNITURA

N ISO P (K) Finitura Negativa

| Art.        | €      | Dimensioni | d       | l        | s    | r    | a° |
|-------------|--------|------------|---------|----------|------|------|----|
| TNMG160404N | € 8,60 | 16 mm      | 9.52 mm | 16.50 mm | 4.76 | 0.40 | -  |
| TNMG160408N | € 8,60 | 16 mm      | 9.52 mm | 16.50 mm | 4.76 | 0.80 | -  |
| TNMG220408N | € 9,50 | 22 mm      | 12.7 mm | 18.25 mm | 4.81 | 0.5  | -  |



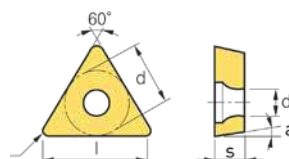
## TNMGxF15

CAT. 42

### INSERTO PER TORNITURA

F15 ISO P (K) Finitura Negativa

| Art.          | €      | Dimensioni | d       | l        | s    | r    | a° |
|---------------|--------|------------|---------|----------|------|------|----|
| TNMG160404F15 | € 9,10 | 16 mm      | 9.52 mm | 16.50 mm | 4.76 | 0.40 | -  |



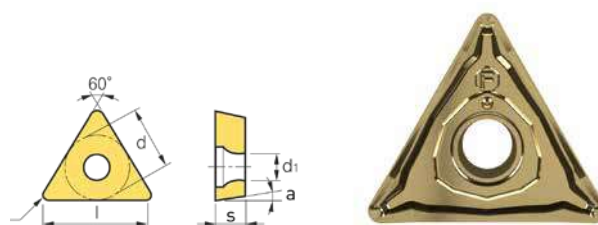
**TNMGxF25**

CAT. 42

**INSERTO PER TORNITURA**

F25 ISO P (K) Finitura Negativa

| Art.          | €      | Dimensioni | d       | l        | s    | r    | a° |
|---------------|--------|------------|---------|----------|------|------|----|
| TNMG160404F25 | € 9,10 | 16 mm      | 9.52 mm | 16.50 mm | 4.76 | 0.40 | -  |

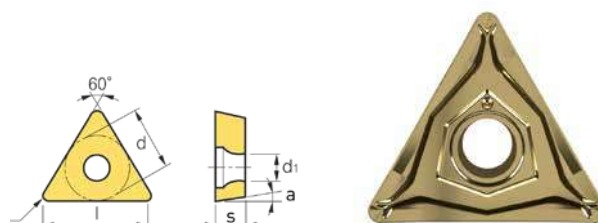

**TNMGxM25**

CAT. 42

**INSERTO PER TORNITURA**

M25 ISO P (K) Media Negativa

| Art.          | €      | Dimensioni | d       | l        | s    | r    | a° |
|---------------|--------|------------|---------|----------|------|------|----|
| TNMG160408M25 | € 9,10 | 16 mm      | 9.52 mm | 16.50 mm | 4.76 | 0.80 | -  |

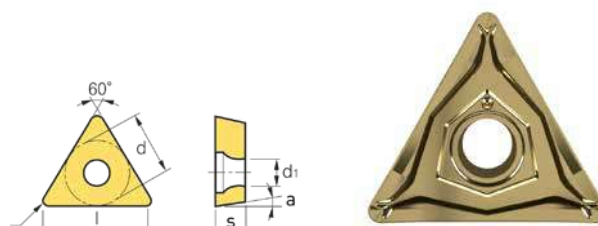

**TNMGxM35**

CAT. 42

**INSERTO PER TORNITURA**

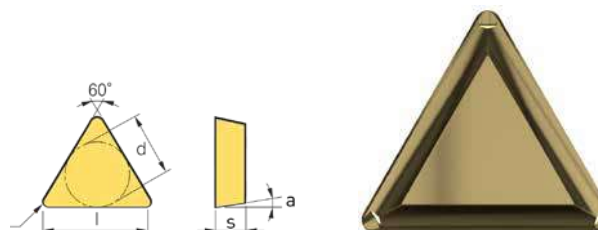
M35 ISO P Media Negativa

| Art.          | €      | Dimensioni | d       | l        | s    | r    | a° |
|---------------|--------|------------|---------|----------|------|------|----|
| TNMG160408M35 | € 9,10 | 16 mm      | 9.52 mm | 16.50 mm | 4.76 | 0.80 | -  |


**TPMRx**
**INSERTI PER TORNITURA**

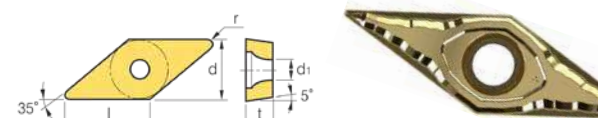
N ISO P Finitura Positiva

| Art.        | €      | Dimensione | d       | l        | s    | r    | a° |
|-------------|--------|------------|---------|----------|------|------|----|
| TPMR090204N | € 4,91 | 9          | 5.98 mm | 10.37 mm | 3.44 | 0.40 | 7  |
| TPMR110304N | € 5,50 | 11         | 5.98 mm | 10.37 mm | 3.44 | 0.40 | 7  |
| TPMR110308N | € 5,50 | 11         | 5.98 mm | 10.37 mm | 3.44 | 0.80 | 7  |
| TPMR160304N | € 7,30 | 16         | 9.23 mm | 16 mm    | 3.52 | 0.40 | 7  |
| TPMR160308N | € 7,30 | 16         | 9.23 mm | 16 mm    | 3.52 | 0.80 | 7  |


**VBMTx**
**INSERTI PER TORNITURA**

N ISO P Finitura Positivo

| Art.        | €       | Dimensioni | d       | l        | s    | r    | a° |
|-------------|---------|------------|---------|----------|------|------|----|
| VBMT160404N | € 11,60 | 16 mm      | 9.52 mm | 16.60 mm | 4.76 | 0.40 | 5  |

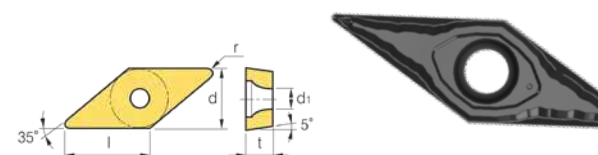

**VBMTxA**

CAT. 42

**INSERTO PER TORNITURA**

20A ISO PMS (KH) Finitura, Media Positivo

| Art.          | €       | Dimensioni | d       | l        | s    | r    | a° |
|---------------|---------|------------|---------|----------|------|------|----|
| VBMT16040420A | € 12,30 | 16 mm      | 9.52 mm | 16.60 mm | 4.76 | 0.40 | 5  |

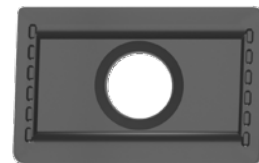
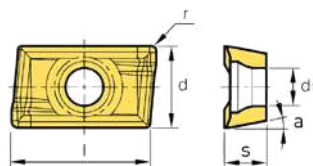


## ADLTxA

## INSERTI PER FRESATURA

 20A ISO M (P) Media, sgrossatura  $\leftarrow \uparrow 90^\circ$ 

| Art.           | €      | Dimensioni | d       | l       | s    | r   | a° |
|----------------|--------|------------|---------|---------|------|-----|----|
| ADLT150308R20A | € 8,90 | 15 mm      | 9.52 mm | 14.5 mm | 3.18 | 0.8 | 15 |

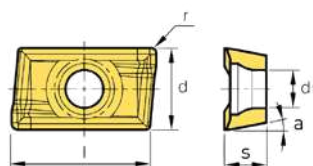


## ADLTx

## INSERTI PER FRESATURA

 234 ISO P Media, sgrossatura  $\leftarrow \uparrow 90^\circ$ 

| Art.           | €      | Dimensioni | d       | l        | s    | r    | a° |
|----------------|--------|------------|---------|----------|------|------|----|
| ADLT1503ZZR234 | € 7,80 | 15 mm      | 9.52 mm | 14.50 mm | 3.18 | 0.80 | 15 |



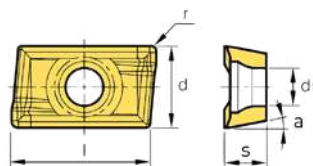
## ADLTxA1

CAT. 42

## INSERTO PER FRESATURA

 20A ISO M (P) Media, sgrossatura  $\leftarrow \uparrow 90^\circ$ 

| Art.           | €      | Dimensioni | d       | l        | s    | r    | a° |
|----------------|--------|------------|---------|----------|------|------|----|
| ADLT1503ZZR20A | € 8,30 | 15 mm      | 9.52 mm | 14.50 mm | 3.18 | 0.80 | 15 |

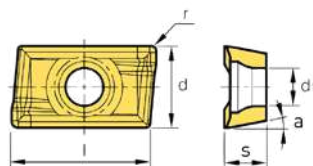


## APKTx

## INSERTI PER FRESATURA

 20A ISO M (PSH) Media  $\leftarrow \uparrow 90^\circ$ 

| Art.            | €       | Dimensioni | d       | l        | s    | r    | a° |
|-----------------|---------|------------|---------|----------|------|------|----|
| APKT1003PDER20A | € 10,20 | 10 mm      | 6.70 mm | 10.00 mm | 3.49 | 0.50 | 11 |
| APKT1604PDER20A | € 11,60 | 16 mm      | 9.50 mm | 16.30 mm | 5.26 | 0.90 | 11 |

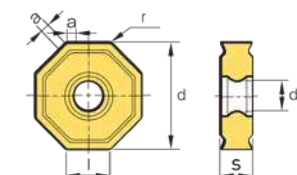


## OFEXx

## INSERTI PER FRESATURA

 234 ISO P Finitura, Media  $\leftarrow \uparrow 45^\circ$ 

| Art.          | €       | Dimensioni | d        | l       | s    | r    | a° |
|---------------|---------|------------|----------|---------|------|------|----|
| OFEX05T305234 | € 10,70 | 05 mm      | 12.80 mm | 3.70 mm | 4.00 | 0.50 | 25 |



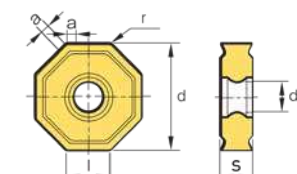
## OFEXxA

CAT. 42

## INSERTO PER FRESATURA

 20A ISO M (PSH) Finitura, Media  $\leftarrow \uparrow 45^\circ$ 

| Art.          | €       | Dimensioni | d        | l       | s    | r    | a° |
|---------------|---------|------------|----------|---------|------|------|----|
| OFEX05T30520A | € 11,30 | 05 mm      | 12.80 mm | 3.70 mm | 4.00 | 0.50 | 25 |



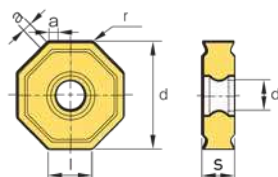
**ONMXxA**

CAT. 42

**INSERTO PER FRESATURA**

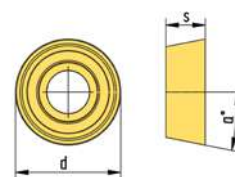
 20A ISO M(P) Media, Finitura  $\angle 45^\circ$ 

| Art.        | €       | Dimensioni | d        | l       | s    | r | a° |
|-------------|---------|------------|----------|---------|------|---|----|
| ONMX120520A | € 13,80 | 05 mm      | 12.70 mm | 1.50 mm | 5.49 | - | 6  |


**RDHTx**
**INSERTI PER FRESATURA**

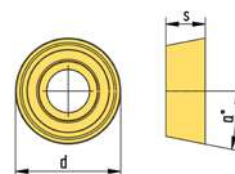
N ISO P(K) Media, sgrossatura

| Art.         | €      | Dimensioni | d     | s    | a° |
|--------------|--------|------------|-------|------|----|
| RDHT10T3M0-N | € 9,50 | 10 mm      | 10 mm | 3.18 | 15 |


**RPMTx**
**INSERTI PER FRESATURA**

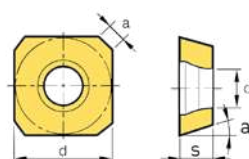
N ISO P(K) Media, sgrossatura

| Art.      | €      | Dimensioni | d     | s   | a° |
|-----------|--------|------------|-------|-----|----|
| RPMT1204N | € 9,00 | 12 mm      | 12 mm | 4.7 | 11 |


**SEHTx**
**INSERTI PER FRESATURA**

 234 ISO P Finitura, Media  $\angle 45^\circ$ 

| Art.           | €       | Dimensioni | d        | l    | s    | r    | a° |
|----------------|---------|------------|----------|------|------|------|----|
| SEHT1204AFN234 | € 14,00 | 12 mm      | 12.70 mm | - mm | 4.76 | 1.00 | 20 |

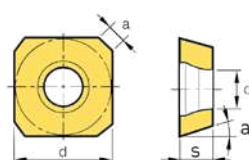

**SEHTxA**

CAT. 42

**INSERTO PER FRESATURA**

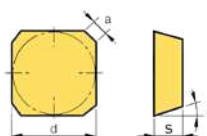
 20A ISO M(P SH) Finitura, Media  $\angle 45^\circ$ 

| Art.           | €       | Dimensioni | d        | l    | s    | r    | a° |
|----------------|---------|------------|----------|------|------|------|----|
| SEHT1204AFN20A | € 14,80 | 12 mm      | 12.70 mm | - mm | 4.76 | 1.00 | 20 |


**SEKNx**
**INSERTI PER FRESATURA**

25 ISO P(K)

| Art.          | €      | Dimensioni | l       | s    | r    | a° |
|---------------|--------|------------|---------|------|------|----|
| SEKN1203AFN25 | € 8,10 | 12 mm      | 12.7 mm | 3.17 | 2.25 | 20 |

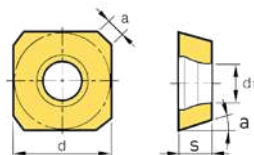


## SEHXx

## INSERTI PER FRESATURA

 234 ISO P Media, sgrossatura  $\angle 45^\circ$ 

| Art.        | €       | Dimensioni | d        | l    | s    | r    | a° |
|-------------|---------|------------|----------|------|------|------|----|
| SEHX1204234 | € 10,50 | 12 mm      | 12.70 mm | - mm | 4.76 | 1.00 | 20 |



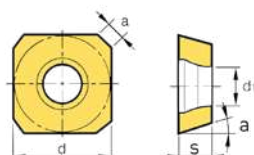
## SEHXxA

CAT. 42

## INSERTO PER FRESATURA

 20A ISO P (M) Media, sgrossatura  $\angle 45^\circ$ 

| Art.        | €       | Dimensioni | d        | l    | s    | r    | a° |
|-------------|---------|------------|----------|------|------|------|----|
| SEHX120420A | € 11,10 | 12 mm      | 12.70 mm | - mm | 4.76 | 1.00 | 20 |



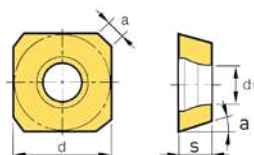
## SNMXx

CAT. 42

## INSERTO PER FRESATURA

 20A ISO M (P) Finitura, Media  $\angle 45^\circ$ 

| Art.        | €       | Dimensioni | d        | l    | s    | r    | a° |
|-------------|---------|------------|----------|------|------|------|----|
| SNMX120520A | € 10,80 | 12 mm      | 12.70 mm | - mm | 5.49 | 0.40 | 0  |

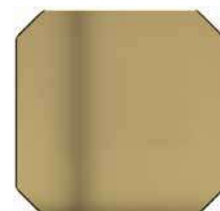
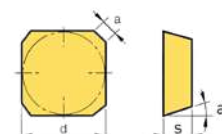


## SPKNx

## INSERTI PER FRESATURA

25 ISO P (K)

| Art.        | €      | Dimensioni | l       | s    | r   | a° |
|-------------|--------|------------|---------|------|-----|----|
| SPKN1203R25 | € 9,30 | 12 mm      | 12.7 mm | 3.17 | 2.4 | 11 |

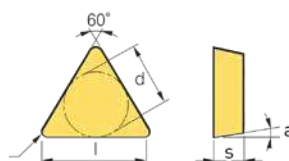


## TPKNx

## INSERTI PER FRESATURA

25 ISO P (K)

| Art.        | €       | Dimensioni | d       | l       | s    | r   | a° |
|-------------|---------|------------|---------|---------|------|-----|----|
| TPKN1603R25 | € 7,30  | 22 mm      | 9.52 mm | 16.5 mm | 3.17 | 14  | 11 |
| TPKN2204R25 | € 10,50 | 22 mm      | 9.52 mm | 14.5 mm | 3.18 | 0.8 | 15 |



## 16IRx

### INSERTI PER FILETTATURA INTERNA

28 ÷ 11 TPI 55°

| Art.          | €       |
|---------------|---------|
| 11IRA55134    | € 9,50  |
| 11IRA60134    | € 9,50  |
| 16IR100ISO134 | € 10,70 |
| 16IR125ISO134 | € 10,70 |
| 16IR150ISO134 | € 10,70 |
| 16IR175ISO134 | € 10,70 |
| 16IR200ISO134 | € 10,70 |
| 16IR250ISO134 | € 10,70 |
| 16IR300ISO134 | € 10,70 |
| 16IRAG60134   | € 10,70 |
| 16IR14W134    | € 10,70 |
| 16IR11W134    | € 10,70 |
| 16IRAG55134   | € 10,70 |

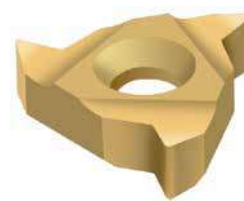


## 16ERx

### INSERTI PER FILETTATURA ESTERNA

28 ÷ 11 TPI 55°

| Art.          | €       |
|---------------|---------|
| 16ER100ISO134 | € 10,70 |
| 16ER125ISO134 | € 10,70 |
| 16ER150ISO134 | € 10,70 |
| 16ER175ISO134 | € 10,70 |
| 16ER200ISO134 | € 10,70 |
| 16ER250ISO134 | € 10,70 |
| 16ER300ISO134 | € 10,70 |
| 16ERAG60134   | € 10,70 |
| 16ER14W134    | € 10,70 |
| 16ER11W134    | € 10,70 |
| 16ERAG55134   | € 10,70 |



## GCMX

### INSERTI PER TRONCATURA

N P

| Art.      | €      |
|-----------|--------|
| GCMX2N134 | € 7,60 |
| GCMX3N134 | € 7,60 |
| GCMX4N134 | € 8,60 |
| GCMX5N134 | € 9,00 |



## GCMXA

CAT. 42

### INSERTO PER TRONCATURA

20A M

| Art.      | €      |
|-----------|--------|
| GCMX2N20A | € 8,00 |
| GCMX3N20A | € 8,00 |
| GCMX4N20A | € 9,10 |
| GCMX5N20A | € 9,50 |



## 165x

### INSERTI PER SCANALATURA

| Art.      | €       |
|-----------|---------|
| 165110134 | € 10,70 |
| 165130134 | € 10,70 |
| 165160134 | € 10,70 |
| 165185134 | € 10,70 |
| 165215134 | € 10,70 |
| 165265134 | € 10,70 |
| 165315134 | € 10,70 |



PREZZI PER SINGOLO PEZZO, IMBALLO MINIMO 10\* PEZZI



## B005-

### SERIE UTENSILI BRASATI

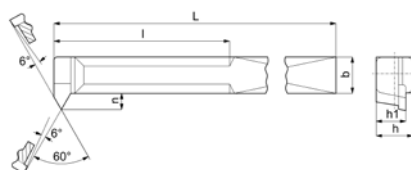


5 Pz HM - P25

| Art.    | €       | Kit                                                                            |
|---------|---------|--------------------------------------------------------------------------------|
| B005    | € 22,00 | 1BRAS411108RP - 1BRAS411110RP - 1BRAS410312RP - 1BRAS-410412RP - 1BRAS410912RP |
| B005/16 | € 33,00 | 1BRAS411110RP - 1BRAS411112RP - 1BRAS410316RP - 1BRAS-410416RP - 1BRAS410916RP |
| B005/20 | € 41,30 | 1BRAS411112RP - 1BRAS411116RP - 1BRAS410320RP - 1BRAS-410420RP - 1BRAS410920RP |

## BRFix

### BRASATO PER FILETTATURA INTERNA

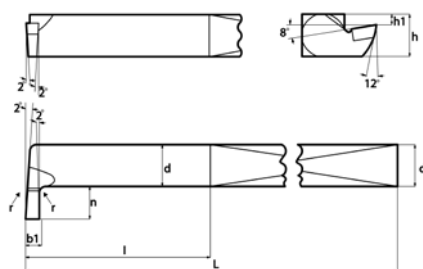


HM - P25 DIN 283

| Art.    | €       | L      | b     | h     |
|---------|---------|--------|-------|-------|
| BRF10RP | € 8,30  | 150 mm | 10 mm | 10 mm |
| BRF12RP | € 9,00  | 180 mm | 12 mm | 12 mm |
| BRF16RP | € 11,20 | 210 mm | 16 mm | 16 mm |
| BRF20RP | € 11,60 | 250 mm | 20 mm | 20 mm |
| BRF25RP | € 14,50 | 300 mm | 25 mm | 25 mm |

## BRCix

### BRASATO PER CANALINI INTERNI

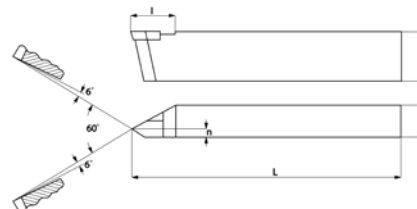


HM - P25 DIN 263

| Art.    | €       | L      | b     | h     | b1   |
|---------|---------|--------|-------|-------|------|
| BRC10RP | € 8,60  | 150 mm | 10 mm | 10 mm | 3 mm |
| BRC12RP | € 8,60  | 180 mm | 12 mm | 12 mm | 4 mm |
| BRC16RP | € 9,80  | 210 mm | 16 mm | 16 mm | 5 mm |
| BRC20RP | € 10,70 | 250 mm | 20 mm | 20 mm | 6 mm |
| BRC25RP | € 13,80 | 300 mm | 25 mm | 25 mm | 8 mm |

## BRFex

### BRASATO PER FILETTATURA ESTERNA

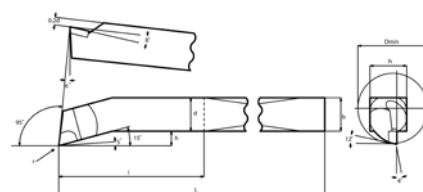


HM - P25 DIN 282

| Art.     | €       | L      | b     | h     |
|----------|---------|--------|-------|-------|
| BRFE12RP | € 7,90  | 100 mm | 12 mm | 12 mm |
| BRFE16RP | € 9,00  | 100 mm | 16 mm | 16 mm |
| BRFE20RP | € 11,20 | 125 mm | 20 mm | 20 mm |
| BRFE25RP | € 13,50 | 140 mm | 25 mm | 25 mm |

## BRAS4111x

### BRASATO PER FORI CIECHI

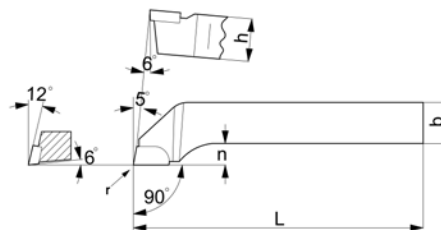


HM - P25 ISO 9 - DIN 4974

| Art.         | €       | L      | b     | h     |
|--------------|---------|--------|-------|-------|
| BRAS411108RP | € 6,00  | 125 mm | 8 mm  | 8 mm  |
| BRAS411110RP | € 7,30  | 150 mm | 10 mm | 10 mm |
| BRAS411112RP | € 7,70  | 180 mm | 12 mm | 12 mm |
| BRAS411116RP | € 9,30  | 210 mm | 16 mm | 16 mm |
| BRAS411120RP | € 10,00 | 250 mm | 20 mm | 20 mm |
| BRAS411125RP | € 15,00 | 300 mm | 25 mm | 25 mm |
| BRAS411132RP | € 17,90 | 355 mm | 32 mm | 32 mm |

## BRAS4104x

### BRASATO PER SFACCIARE



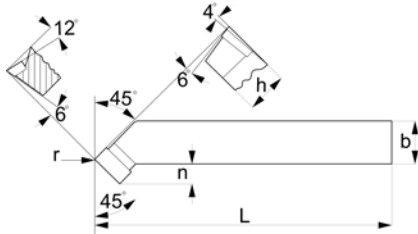
HM - P25 ISO 6 - DIN 4980

| Art.         | €       | L      | b     | h     |
|--------------|---------|--------|-------|-------|
| BRAS410410LP | € 5,20  | 90 mm  | 10 mm | 10 mm |
| BRAS410410RP | € 5,20  | 90 mm  | 10 mm | 10 mm |
| BRAS410412LP | € 5,70  | 100 mm | 12 mm | 12 mm |
| BRAS410412RP | € 5,70  | 100 mm | 12 mm | 12 mm |
| BRAS410416LP | € 6,80  | 110 mm | 16 mm | 16 mm |
| BRAS410416RP | € 6,80  | 110 mm | 16 mm | 16 mm |
| BRAS410420LP | € 8,30  | 125 mm | 20 mm | 20 mm |
| BRAS410420RP | € 8,30  | 125 mm | 20 mm | 20 mm |
| BRAS410425RP | € 12,10 | 140 mm | 25 mm | 25 mm |

## BRAS4103x

## BRASATO PER SGROSSARE

ISO 2 - DIN 4972, P25



 HM - P25  ISO 2 - DIN 4972

| Art.         | €       | L      | b     | h     |
|--------------|---------|--------|-------|-------|
| BRAS410310RP | € 5,50  | 90 mm  | 10 mm | 10 mm |
| BRAS410312LP | € 6,00  | 100 mm | 12 mm | 12 mm |
| BRAS410312RP | € 6,00  | 100 mm | 12 mm | 12 mm |
| BRAS410316LP | € 7,20  | 110 mm | 16 mm | 16 mm |
| BRAS410316RP | € 7,20  | 110 mm | 16 mm | 16 mm |
| BRAS410320LP | € 8,80  | 125 mm | 20 mm | 20 mm |
| BRAS410320RP | € 8,80  | 125 mm | 20 mm | 20 mm |
| BRAS410325RP | € 12,70 | 140 mm | 25 mm | 25 mm |

**B012-**

## BARRETTE TRATTATE E RETTIFICATE



 **HSS - Co 8%**

| Art.    | €       | Ø     | Lunghezza | Tolleranza |
|---------|---------|-------|-----------|------------|
| B012/04 | € 7,70  | 4 mm  | 200 mm    | h9         |
| B012/05 | € 8,60  | 5 mm  | 200 mm    | h9         |
| B012/06 | € 9,80  | 6 mm  | 200 mm    | h9         |
| B012/08 | € 12,70 | 8 mm  | 200 mm    | h9         |
| B012/10 | € 15,80 | 10 mm | 200 mm    | h9         |
| B012/12 | € 20,00 | 12 mm | 200 mm    | h9         |
| B012/13 | € 24,60 | 13 mm | 135 mm    | h9         |
| B012/16 | € 37,70 | 16 mm | 200 mm    | h9         |
| B012/20 | € 48,70 | 20 mm | 200 mm    | h9         |

**B014-**

## BARRETTE TRATTATE E RETTIFICATE

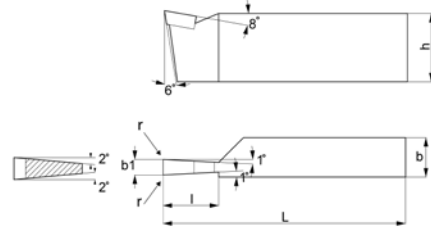


 **HSS - Co 8%**

| Art.       | €       | Dimensioni lati | Lunghezza | Tolleranza |
|------------|---------|-----------------|-----------|------------|
| B014/20X04 | € 21,30 | 20 x 04 mm      | 200 mm    | h13        |
| B014/20X05 | € 22,90 | 20 x 05 mm      | 200 mm    | h13        |
| B014/20X06 | € 34,30 | 20 x 06 mm      | 200 mm    | h13        |
| B014/20X08 | € 43,50 | 20 x 08 mm      | 200 mm    | h13        |
| B014/20X10 | € 46,20 | 20 x 10 mm      | 200 mm    | h13        |
| B014/20X12 | € 46,20 | 20 x 12 mm      | 200 mm    | h13        |
| B014/25X06 | € 33,40 | 25 x 06 mm      | 200 mm    | h13        |

## BRAS4109x

## BRASATO PER TRONCARE

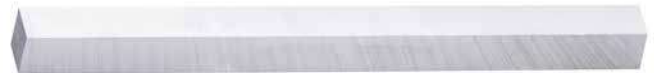


 **HM - P25**  **ISO 7 - DIN 4981**

| Art.         | €      | L      | b     | h     | b1     |
|--------------|--------|--------|-------|-------|--------|
| BRAS410912RP | € 5,50 | 100 mm | 8 mm  | 12 mm | 3 mm   |
| BRAS410916RP | € 6,00 | 110 mm | 10 mm | 16 mm | 3,5 mm |
| BRAS410920RP | € 6,70 | 125 mm | 12 mm | 20 mm | 5 mm   |
| BRAS410925RP | € 9,40 | 140 mm | 16 mm | 25 mm | 6 mm   |

**B013-**

## BARRETTE TRATTATE E RETTIFICATE



 **HSS - Co 8%**

| Art.       | €       | Dimensioni lati | Lunghezza | Tolleranza |
|------------|---------|-----------------|-----------|------------|
| B013/04X04 | € 8,90  | 4 x 4 mm        | 200 mm    | h13        |
| B013/05X05 | € 11,30 | 5 x 5 mm        | 200 mm    | h13        |
| B013/06X06 | € 12,40 | 6 x 6 mm        | 200 mm    | h13        |
| B013/08X08 | € 15,00 | 8 x 8 mm        | 200 mm    | h13        |
| B013/10X10 | € 21,00 | 10 x 10 mm      | 200 mm    | h13        |
| B013/12X12 | € 24,70 | 12 x 12 mm      | 200 mm    | h13        |
| B013/14X14 | € 34,60 | 14 x 14 mm      | 200 mm    | h13        |
| B013/16X16 | € 39,70 | 16 x 16 mm      | 200 mm    | h13        |
| B013/20X20 | € 58,70 | 20 x 20 mm      | 200 mm    | h13        |



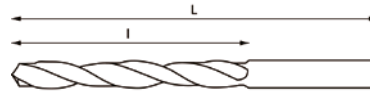
## ST1Ax

### PUNTA CILINDRICA ELICOIDALE

DESTRA, SERIE CORTA, RULLATE, NERE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 650 N/MM2, DUREZZA PUNTA HV= 700 ÷ 740

CONFEZIONI DA 10\* PEZZI FINO AL Ø 8,00 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8,25 MM

HSS DIN 338/N 118°



| Art.      | €      | Ø       | L     | l     |
|-----------|--------|---------|-------|-------|
| ST1A01    | € 0,37 | 1,00 mm | 34 mm | 12 mm |
| ST1A01.25 | € 0,37 | 1,25 mm | 38 mm | 16 mm |
| ST1A01.50 | € 0,37 | 1,50 mm | 40 mm | 18 mm |
| ST1A01.75 | € 0,37 | 1,75 mm | 46 mm | 22 mm |
| ST1A02    | € 0,37 | 2,00 mm | 49 mm | 24 mm |
| ST1A02.25 | € 0,37 | 2,25 mm | 53 mm | 27 mm |
| ST1A02.50 | € 0,37 | 2,50 mm | 57 mm | 30 mm |
| ST1A02.75 | € 0,37 | 2,75 mm | 61 mm | 33 mm |
| ST1A03    | € 0,37 | 3,00 mm | 61 mm | 33 mm |
| ST1A03.25 | € 0,40 | 3,25 mm | 65 mm | 36 mm |
| ST1A03.50 | € 0,40 | 3,50 mm | 70 mm | 39 mm |
| ST1A03.75 | € 0,40 | 3,75 mm | 70 mm | 39 mm |
| ST1A04    | € 0,40 | 4,00 mm | 75 mm | 43 mm |
| ST1A04.25 | € 0,47 | 4,25 mm | 75 mm | 43 mm |
| ST1A04.50 | € 0,47 | 4,50 mm | 80 mm | 47 mm |
| ST1A04.75 | € 0,47 | 4,75 mm | 80 mm | 47 mm |
| ST1A05    | € 0,53 | 5,00 mm | 86 mm | 52 mm |

| Art.      | €      | Ø       | L      | l     |
|-----------|--------|---------|--------|-------|
| ST1A05.25 | € 0,53 | 5,25 mm | 86 mm  | 52 mm |
| ST1A05.50 | € 0,53 | 5,50 mm | 93 mm  | 57 mm |
| ST1A05.75 | € 0,61 | 5,75 mm | 93 mm  | 57 mm |
| ST1A06    | € 0,61 | 6,00 mm | 93 mm  | 57 mm |
| ST1A06.25 | € 0,69 | 6,25 mm | 101 mm | 63 mm |
| ST1A06.50 | € 0,69 | 6,50 mm | 101 mm | 63 mm |
| ST1A06.75 | € 0,92 | 6,75 mm | 109 mm | 69 mm |
| ST1A07    | € 0,92 | 7,00 mm | 109 mm | 69 mm |
| ST1A07.25 | € 0,92 | 7,25 mm | 109 mm | 69 mm |
| ST1A07.50 | € 1,00 | 7,50 mm | 109 mm | 69 mm |
| ST1A07.75 | € 1,07 | 7,75 mm | 117 mm | 75 mm |
| ST1A08    | € 1,07 | 8,00 mm | 117 mm | 75 mm |
| ST1A08.25 | € 1,23 | 8,25 mm | 117 mm | 75 mm |
| ST1A08.50 | € 1,23 | 8,50 mm | 117 mm | 75 mm |
| ST1A08.75 | € 1,37 | 8,75 mm | 125 mm | 81 mm |
| ST1A09    | € 1,37 | 9,00 mm | 125 mm | 81 mm |
| ST1A09.25 | € 1,52 | 9,25 mm | 125 mm | 81 mm |

| Art.      | €      | Ø        | L      | l      |
|-----------|--------|----------|--------|--------|
| ST1A09.50 | € 1,52 | 9,50 mm  | 125 mm | 81 mm  |
| ST1A09.75 | € 1,60 | 9,75 mm  | 133 mm | 87 mm  |
| ST1A10    | € 1,68 | 10,00 mm | 133 mm | 87 mm  |
| ST1A10.25 | € 1,99 | 10,25 mm | 133 mm | 87 mm  |
| ST1A10.50 | € 1,99 | 10,50 mm | 133 mm | 87 mm  |
| ST1A10.75 | € 2,28 | 10,75 mm | 142 mm | 94 mm  |
| ST1A11    | € 2,28 | 11,00 mm | 142 mm | 94 mm  |
| ST1A11.25 | € 2,59 | 11,25 mm | 142 mm | 94 mm  |
| ST1A11.50 | € 2,59 | 11,50 mm | 142 mm | 94 mm  |
| ST1A11.75 | € 2,89 | 11,75 mm | 142 mm | 94 mm  |
| ST1A12    | € 2,89 | 12,00 mm | 151 mm | 101 mm |
| ST1A12.25 | € 3,28 | 12,25 mm | 151 mm | 101 mm |
| ST1A12.50 | € 3,28 | 12,50 mm | 151 mm | 101 mm |
| ST1A12.75 | € 3,28 | 12,75 mm | 151 mm | 101 mm |
| ST1A13    | € 3,28 | 13,00 mm | 151 mm | 101 mm |

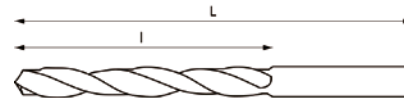
## ST1AxR10

### PUNTA CILINDRICA ELICOIDALE

DESTRA, SERIE CORTA, RULLATE, NERE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 650 N/MM2, DUREZZA PUNTA HV= 700 ÷ 740

CONFEZIONI DA 5\* PEZZI

HSS DIN 338/N 118°



| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| ST1A10.25R10 | € 2,13 | 10,25 mm | 133 mm | 87 mm  |
| ST1A10.50R10 | € 2,13 | 10,5 mm  | 133 mm | 87 mm  |
| ST1A10.75R10 | € 2,41 | 10,75 mm | 142 mm | 94 mm  |
| ST1A11.00R10 | € 2,41 | 11,00 mm | 142 mm | 94 mm  |
| ST1A11.25R10 | € 2,76 | 11,25 mm | 142 mm | 94 mm  |
| ST1A11.50R10 | € 2,76 | 11,5 mm  | 142 mm | 94 mm  |
| ST1A11.75R10 | € 3,12 | 11,75 mm | 142 mm | 94 mm  |
| ST1A12.00R10 | € 3,12 | 12 mm    | 151 mm | 101 mm |

| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| ST1A12.25R10 | € 3,47 | 12,25 mm | 151 mm | 101 mm |
| ST1A12.50R10 | € 3,47 | 12,50 mm | 151 mm | 101 mm |
| ST1A12.75R10 | € 3,47 | 12,75 mm | 151 mm | 101 mm |
| ST1A13.00R10 | € 3,47 | 13 mm    | 151 mm | 101 mm |
| ST1A13.25R10 | € 4,39 | 13,25 mm | 160 mm | 108 mm |
| ST1A13.50R10 | € 4,39 | 13,5 mm  | 160 mm | 108 mm |
| ST1A13.75R10 | € 4,39 | 13,75 mm | 160 mm | 108 mm |
| ST1A14.00R10 | € 4,39 | 14,00 mm | 160 mm | 108 mm |

| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| ST1A14.25R10 | € 4,82 | 14,25 mm | 169 mm | 114 mm |
| ST1A14.50R10 | € 4,82 | 14,5 mm  | 169 mm | 114 mm |
| ST1A14.75R10 | € 4,82 | 14,75 mm | 169 mm | 114 mm |
| ST1A15.00R10 | € 4,82 | 15 mm    | 169 mm | 114 mm |
| ST1A15.25R10 | € 5,90 | 15,25 mm | 178 mm | 120 mm |
| ST1A15.50R10 | € 5,90 | 15,50 mm | 178 mm | 120 mm |
| ST1A15.75R10 | € 5,90 | 15,75 mm | 178 mm | 120 mm |
| ST1A16.00R10 | € 5,90 | 16 mm    | 178 mm | 120 mm |

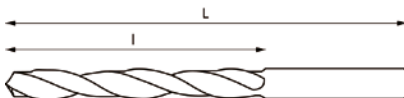
## ST1AxR13

### PUNTA CILINDRICA ELICOIDALE

DESTRA, SERIE CORTA, RULLATE, NERE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 650 N/MM2, DUREZZA PUNTA HV= 700 ÷ 740

CONFEZIONI DA 5\* PEZZI

HSS DIN 338/N 118°



| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| ST1A13.25R13 | € 4,39 | 13,25 mm | 160 mm | 108 mm |
| ST1A13.50R13 | € 4,39 | 13,50 mm | 160 mm | 108 mm |
| ST1A13.75R13 | € 4,39 | 13,75 mm | 160 mm | 108 mm |
| ST1A14.00R13 | € 4,39 | 14,00 mm | 160 mm | 108 mm |

| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| ST1A14.25R13 | € 4,82 | 14,25 mm | 169 mm | 114 mm |
| ST1A14.50R13 | € 4,82 | 14,50 mm | 169 mm | 114 mm |
| ST1A14.75R13 | € 4,82 | 14,75 mm | 169 mm | 114 mm |
| ST1A15.00R13 | € 4,82 | 15,00 mm | 169 mm | 114 mm |

| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| ST1A15.25R13 | € 5,90 | 15,25 mm | 178 mm | 120 mm |
| ST1A15.50R13 | € 5,90 | 15,50 mm | 178 mm | 120 mm |
| ST1A15.75R13 | € 5,90 | 15,75 mm | 178 mm | 120 mm |
| ST1A16.00R13 | € 5,90 | 16,00 mm | 178 mm | 120 mm |

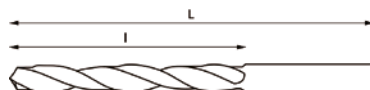
## ST1AxC

## PUNTA CILINDRICA ELICOIDALE

DESTRA, SERIE CORTA, RULLATE, NERE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 650 N/MM2, DUREZZA PUNTA HV= 700 ÷ 740

CONFEZIONI DA 10\* PEZZI

HSS DIN 1897/N 118°



| Art.       | €      | Ø       | L     | l     |
|------------|--------|---------|-------|-------|
| ST1A02.00C | € 0,26 | 2,00 mm | 38 mm | 12 mm |
| ST1A02.50C | € 0,26 | 2,50 mm | 43 mm | 14 mm |
| ST1A03.00C | € 0,26 | 3,00 mm | 46 mm | 16 mm |
| ST1A03.25C | € 0,30 | 3,25 mm | 49 mm | 18 mm |

| Art.       | €      | Ø       | L     | l     |
|------------|--------|---------|-------|-------|
| ST1A03.50C | € 0,30 | 3,50 mm | 52 mm | 20 mm |
| ST1A03.75C | € 0,34 | 3,75 mm | 52 mm | 20 mm |
| ST1A04.00C | € 0,34 | 4,00 mm | 55 mm | 22 mm |
| ST1A04.25C | € 0,37 | 4,25 mm | 55 mm | 22 mm |

| Art.       | €      | Ø       | L     | l     |
|------------|--------|---------|-------|-------|
| ST1A04.50C | € 0,37 | 4,50 mm | 58 mm | 24 mm |
| ST1A05.00C | € 0,44 | 5,00 mm | 62 mm | 26 mm |
| ST1A05.50C | € 0,60 | 5,50 mm | 66 mm | 28 mm |
| ST1A06.00C | € 0,60 | 6,00 mm | 66 mm | 28 mm |

## P046

€ 26,40

## SERIE PUNTE

DESTRA, SERIE CORTA, RULLATE, NERE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 650 N/MM2, DUREZZA PUNTA HV= 700 ÷ 740



25 Pz HSS DIN 338/N 118°

Misura 1 ÷ 13 mm  
Pezzi 25

## P045

€ 13,30

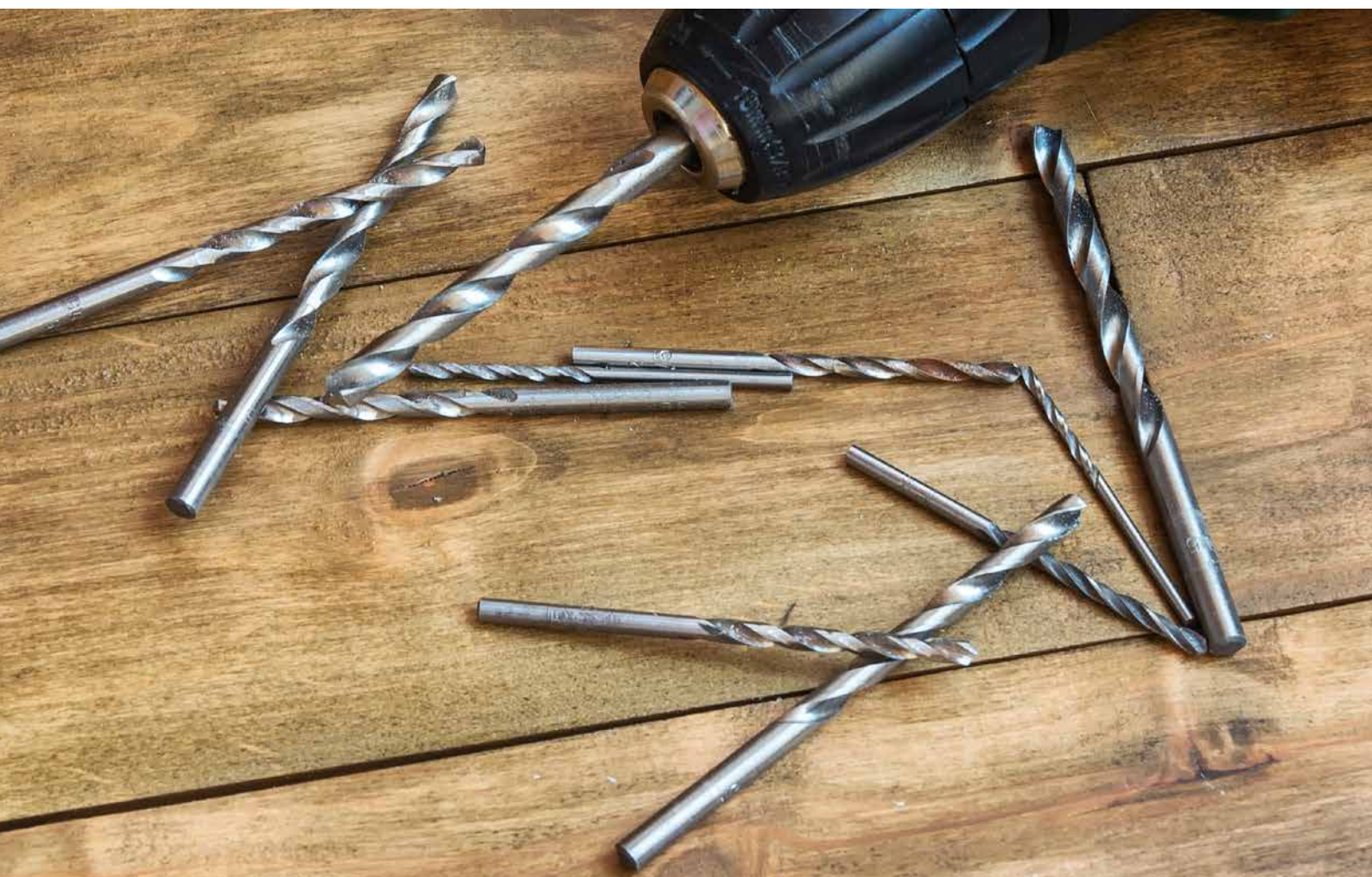
## SERIE PUNTE

DESTRA, SERIE CORTA, RULLATE, NERE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 650 N/MM2, DUREZZA PUNTA HV= 700 ÷ 740



19 Pz HSS DIN 338/N 118°

Misura 1 ÷ 10 mm  
Pezzi 19

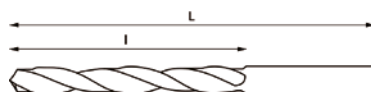


## P058-

### PUNTA CILINDRICA RETTIFICATA

DESTRE, RIVESTITE AL TIN, SERIE CORTA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R=700 N/MM2, DUREZZA PUNTA HV=740 ÷ 780

CONFEZIONI DA 10\* PEZZI FINO AL Ø 8,00 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8,25 MM



HSS TiN DIN 338 135°

| Art.       | €      | Ø       | L     | l     |
|------------|--------|---------|-------|-------|
| P058/01.00 | € 0,61 | 1 mm    | 34 mm | 12 mm |
| P058/01.25 | € 0,61 | 1,25 mm | 38 mm | 16 mm |
| P058/01.50 | € 0,61 | 1,50 mm | 40 mm | 18 mm |
| P058/01.75 | € 0,61 | 1,75 mm | 46 mm | 22 mm |
| P058/02.00 | € 0,69 | 2 mm    | 49 mm | 24 mm |
| P058/02.25 | € 0,76 | 2,25 mm | 53 mm | 27 mm |
| P058/02.50 | € 0,76 | 2,50 mm | 57 mm | 30 mm |
| P058/02.75 | € 0,76 | 2,75 mm | 61 mm | 33 mm |
| P058/03.00 | € 0,76 | 3 mm    | 61 mm | 33 mm |
| P058/03.25 | € 0,92 | 3,25 mm | 65 mm | 36 mm |
| P058/03.50 | € 0,92 | 3,50 mm | 70 mm | 39 mm |
| P058/03.75 | € 0,92 | 3,75 mm | 70 mm | 39 mm |
| P058/04.00 | € 0,92 | 4 mm    | 75 mm | 43 mm |
| P058/04.25 | € 1,23 | 4,25 mm | 75 mm | 43 mm |
| P058/04.50 | € 1,23 | 4,50 mm | 80 mm | 47 mm |
| P058/04.75 | € 1,23 | 4,75 mm | 80 mm | 47 mm |
| P058/05.00 | € 1,23 | 5 mm    | 86 mm | 52 mm |

| Art.       | €      | Ø       | L      | l     |
|------------|--------|---------|--------|-------|
| P058/05.25 | € 1,52 | 5,25 mm | 86 mm  | 52 mm |
| P058/05.50 | € 1,52 | 5,50 mm | 93 mm  | 57 mm |
| P058/05.75 | € 1,52 | 5,75 mm | 93 mm  | 57 mm |
| P058/06.00 | € 1,52 | 6 mm    | 93 mm  | 57 mm |
| P058/06.25 | € 1,68 | 6,25 mm | 101 mm | 63 mm |
| P058/06.50 | € 1,68 | 6,50 mm | 101 mm | 63 mm |
| P058/06.75 | € 1,68 | 6,75 mm | 109 mm | 69 mm |
| P058/07.00 | € 1,68 | 7 mm    | 109 mm | 69 mm |
| P058/07.25 | € 2,59 | 7,25 mm | 109 mm | 69 mm |
| P058/07.50 | € 2,59 | 7,50 mm | 109 mm | 69 mm |
| P058/07.75 | € 2,59 | 7,75 mm | 117 mm | 75 mm |
| P058/08.00 | € 2,59 | 8 mm    | 117 mm | 75 mm |
| P058/08.25 | € 3,53 | 8,25 mm | 117 mm | 75 mm |
| P058/08.50 | € 3,53 | 8,50 mm | 117 mm | 75 mm |
| P058/08.75 | € 3,53 | 8,75 mm | 125 mm | 81 mm |
| P058/09.00 | € 3,53 | 9 mm    | 125 mm | 81 mm |
| P058/09.25 | € 4,07 | 9,25 mm | 125 mm | 81 mm |

| Art.       | €      | Ø        | L      | l      |
|------------|--------|----------|--------|--------|
| P058/09.50 | € 4,07 | 9,50 mm  | 125 mm | 81 mm  |
| P058/09.75 | € 4,07 | 9,75 mm  | 133 mm | 87 mm  |
| P058/10.00 | € 4,07 | 10 mm    | 133 mm | 87 mm  |
| P058/10.25 | € 4,60 | 10,25 mm | 133 mm | 87 mm  |
| P058/10.50 | € 4,60 | 10,50 mm | 133 mm | 87 mm  |
| P058/10.75 | € 4,60 | 10,75 mm | 142 mm | 94 mm  |
| P058/11.00 | € 4,60 | 11 mm    | 142 mm | 94 mm  |
| P058/11.25 | € 5,40 | 11,25 mm | 142 mm | 94 mm  |
| P058/11.50 | € 5,40 | 11,50 mm | 142 mm | 94 mm  |
| P058/11.75 | € 5,40 | 11,75 mm | 142 mm | 94 mm  |
| P058/12.00 | € 5,40 | 12 mm    | 151 mm | 101 mm |
| P058/12.25 | € 6,70 | 12,25 mm | 151 mm | 101 mm |
| P058/12.50 | € 6,70 | 12,50 mm | 151 mm | 101 mm |
| P058/12.75 | € 6,70 | 12,75 mm | 151 mm | 101 mm |
| P058/13.00 | € 6,70 | 13 mm    | 151 mm | 101 mm |

## P058/170

€ 149,00

### SERIE PUNTE CILINDRICHE RETTIFICATE

DESTRE, RIVESTITE AL TIN, SERIE CORTA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R=700 N/MM2, DUREZZA PUNTA HV=740 ÷ 780



170 Pz HSS TiN DIN 338 135°

150 (10x) Pz (progressione 0,5 mm)  
20 (5x) Pz (progressione 0,5 mm)

Ø 1 ÷ 8 mm  
Ø 8,5 ÷ 10 mm

## P010/51

€ 51,40

### SERIE PUNTE CILINDRICHE A DECIMI RETTIFICATE

DESTRE, RIVESTITE AL TIN, SERIE CORTA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R=700 N/MM2, DUREZZA PUNTA HV=740 ÷ 780



HSS TiN DIN 338 135°

Misura (progressione 0,1 mm)  
Pezzi

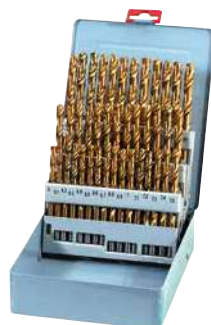
1 ÷ 6 mm  
51

## P010/41

€ 120,00

### SERIE PUNTE CILINDRICHE A DECIMI RETTIFICATE

DESTRE, RIVESTITE AL TIN, SERIE CORTA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R=700 N/MM2, DUREZZA PUNTA HV=740 ÷ 780



HSS TiN DIN 338 135°

Misura (progressione 0,1 mm)  
Pezzi

6 ÷ 10 mm  
41

## P062

€ 56,60

### SERIE PUNTE CILINDRICHE RETTIFICATE

DESTRE, RIVESTITE AL TIN, SERIE CORTA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R=700 N/MM2, DUREZZA PUNTA HV=740 ÷ 780



25 Pz HSS TiN DIN 338 135°

Misura (progressione 0,5 mm)  
Pezzi

1 ÷ 13 mm  
25

**P061**
**€ 31,70**
**SERIE PUNTE CILINDRICHE  
RETTIFICATE**

DESTRE, RIVESTITE AL TIN, SERIE CORTA,  
PER LAVORAZIONE DI MATERIALI CON  
RESISTENZA R=700 N/MM2, DUREZZA  
PUNTA HV=740 ÷ 780



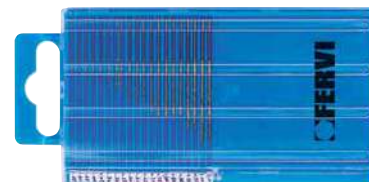
19 Pz HSS TiN DIN 338 135°

Misura (progressione 0,5 mm)  
Pezzi

1 ÷ 10 mm  
19

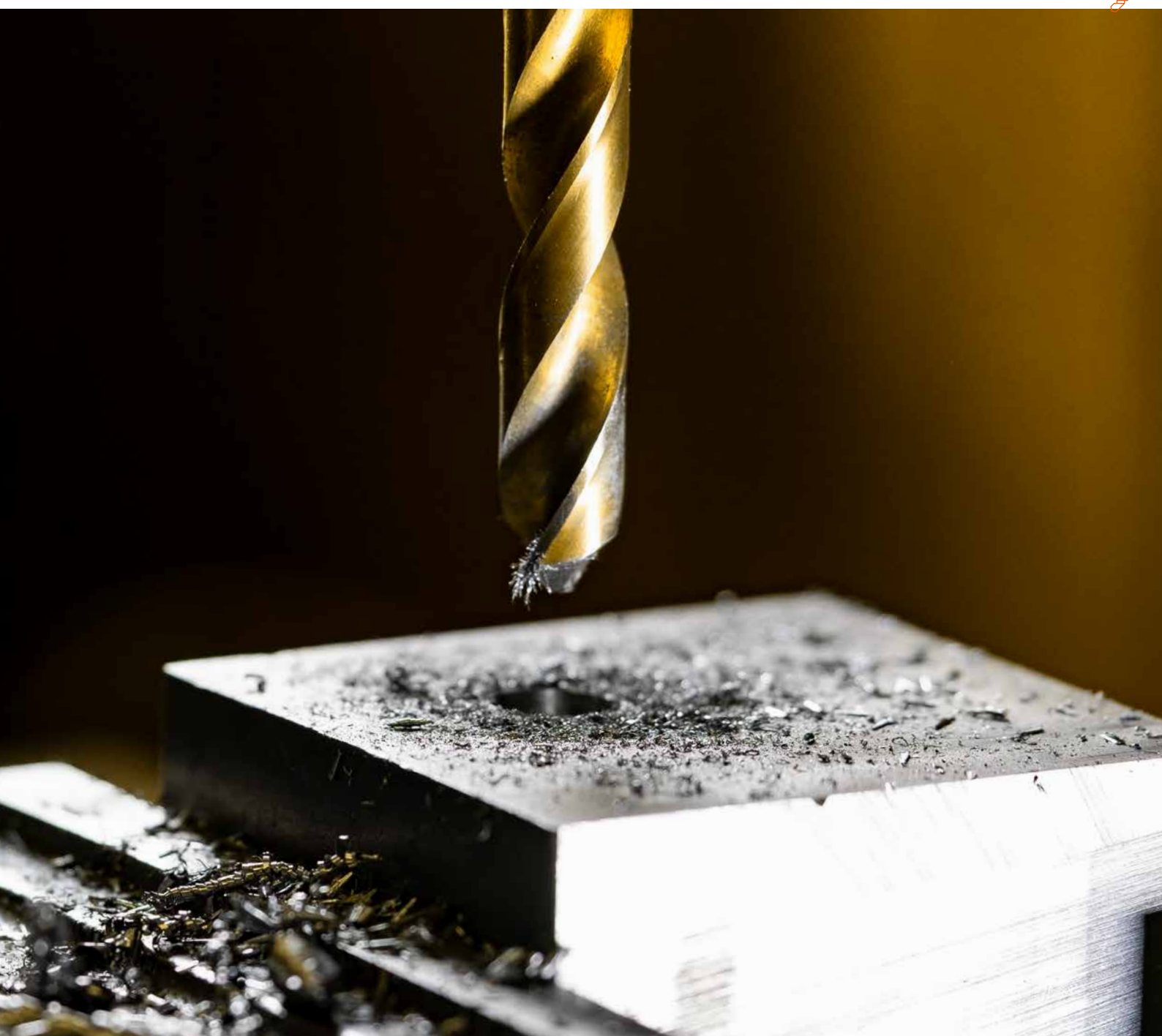
**P068**
**€ 6,30**
**SERIE PUNTE**

DA 0.25 A 1 mm



20 Pz HSS TiN DIN 338 135° Scatola di plastica

Misure x 1Pz 0.25 - 0.30 - 0.35 - 0.40 - 0.45 - 0.55 - 0.65 - 0.70 - 0.75 - 0.85 - 0.90 - 0.95 mm  
Misure x 2 Pz 0.50 - 0.60 - 0.80 - 1.00 mm



## P023-

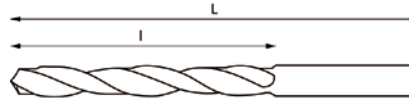
CAT 42

## PUNTA ELICOIDALE CILINDRICA

DESTRA, SERIE CORTA, RETTIFICATA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830

CONFEZIONI DA 10\* PEZZI FINO AL Ø 7,90 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8,00 MM

HSS DIN 338 135°



| Art.       | €      | Ø       | L     | l     |
|------------|--------|---------|-------|-------|
| P023/00.30 | € 0,33 | 0.30 mm | 19 mm | 3 mm  |
| P023/00.35 | € 0,33 | 0.35 mm | 19 mm | 4 mm  |
| P023/00.40 | € 0,33 | 0.40 mm | 20 mm | 5 mm  |
| P023/00.45 | € 0,33 | 0.45 mm | 20 mm | 5 mm  |
| P023/00.50 | € 0,33 | 0.50 mm | 22 mm | 6 mm  |
| P023/00.55 | € 0,33 | 0.55 mm | 24 mm | 7 mm  |
| P023/00.60 | € 0,33 | 0.60 mm | 24 mm | 7 mm  |
| P023/00.65 | € 0,33 | 0.65 mm | 26 mm | 8 mm  |
| P023/00.70 | € 0,33 | 0.70 mm | 28 mm | 9 mm  |
| P023/00.75 | € 0,33 | 0.75 mm | 28 mm | 9 mm  |
| P023/00.80 | € 0,33 | 0.80 mm | 30 mm | 10 mm |
| P023/00.85 | € 0,33 | 0.85 mm | 30 mm | 10 mm |
| P023/00.90 | € 0,33 | 0.90 mm | 32 mm | 11 mm |
| P023/00.95 | € 0,33 | 0.95 mm | 32 mm | 11 mm |
| P023/01.00 | € 0,75 | 1.00 mm | 34 mm | 12 mm |
| P023/01.10 | € 0,39 | 1.10 mm | 36 mm | 14 mm |
| P023/01.20 | € 0,39 | 1.20 mm | 38 mm | 16 mm |
| P023/01.25 | € 0,75 | 1.25 mm | 38 mm | 16 mm |
| P023/01.30 | € 0,39 | 1.30 mm | 38 mm | 16 mm |
| P023/01.40 | € 0,39 | 1.40 mm | 40 mm | 18 mm |
| P023/01.50 | € 0,68 | 1.50 mm | 40 mm | 18 mm |
| P023/01.60 | € 0,44 | 1.60 mm | 43 mm | 20 mm |
| P023/01.70 | € 0,44 | 1.70 mm | 43 mm | 20 mm |
| P023/01.75 | € 0,60 | 1.75 mm | 46 mm | 22 mm |
| P023/01.80 | € 0,44 | 1.80 mm | 46 mm | 22 mm |
| P023/01.90 | € 0,44 | 1.90 mm | 46 mm | 22 mm |
| P023/02.00 | € 0,60 | 2.00 mm | 49 mm | 24 mm |
| P023/02.10 | € 0,48 | 2.10 mm | 49 mm | 24 mm |
| P023/02.20 | € 0,48 | 2.20 mm | 53 mm | 27 mm |
| P023/02.25 | € 0,68 | 2.25 mm | 53 mm | 27 mm |
| P023/02.30 | € 0,48 | 2.30 mm | 53 mm | 27 mm |
| P023/02.40 | € 0,48 | 2.40 mm | 57 mm | 30 mm |
| P023/02.50 | € 0,60 | 2.50 mm | 57 mm | 30 mm |
| P023/02.60 | € 0,57 | 2.60 mm | 57 mm | 30 mm |
| P023/02.70 | € 0,57 | 2.70 mm | 61 mm | 33 mm |
| P023/02.75 | € 0,75 | 2.75 mm | 61 mm | 33 mm |
| P023/02.80 | € 0,57 | 2.80 mm | 61 mm | 33 mm |
| P023/02.90 | € 0,57 | 2.90 mm | 61 mm | 33 mm |
| P023/03.00 | € 0,68 | 3.00 mm | 61 mm | 33 mm |
| P023/03.10 | € 0,68 | 3.10 mm | 65 mm | 36 mm |
| P023/03.20 | € 0,68 | 3.20 mm | 65 mm | 36 mm |
| P023/03.25 | € 0,83 | 3.25 mm | 65 mm | 36 mm |
| P023/03.30 | € 0,75 | 3.30 mm | 65 mm | 36 mm |
| P023/03.40 | € 0,75 | 3.40 mm | 70 mm | 39 mm |
| P023/03.50 | € 0,75 | 3.50 mm | 70 mm | 39 mm |
| P023/03.60 | € 0,71 | 3.60 mm | 70 mm | 39 mm |
| P023/03.70 | € 0,71 | 3.70 mm | 70 mm | 39 mm |
| P023/03.75 | € 0,90 | 3.75 mm | 70 mm | 39 mm |

| Art.       | €      | Ø       | L      | l     |
|------------|--------|---------|--------|-------|
| P023/03.80 | € 0,71 | 3.80 mm | 75 mm  | 43 mm |
| P023/03.90 | € 0,71 | 3.90 mm | 75 mm  | 43 mm |
| P023/04.00 | € 0,83 | 4.00 mm | 75 mm  | 43 mm |
| P023/04.10 | € 0,79 | 4.10 mm | 75 mm  | 43 mm |
| P023/04.20 | € 0,79 | 4.20 mm | 75 mm  | 43 mm |
| P023/04.25 | € 1,13 | 4.25 mm | 75 mm  | 43 mm |
| P023/04.30 | € 0,83 | 4.30 mm | 80 mm  | 47 mm |
| P023/04.40 | € 0,83 | 4.40 mm | 80 mm  | 47 mm |
| P023/04.50 | € 0,98 | 4.50 mm | 80 mm  | 47 mm |
| P023/04.60 | € 0,97 | 4.60 mm | 80 mm  | 47 mm |
| P023/04.70 | € 0,97 | 4.70 mm | 80 mm  | 47 mm |
| P023/04.75 | € 1,13 | 4.75 mm | 80 mm  | 47 mm |
| P023/04.80 | € 0,97 | 4.80 mm | 86 mm  | 52 mm |
| P023/04.90 | € 0,97 | 4.90 mm | 86 mm  | 52 mm |
| P023/05.00 | € 1,05 | 5.00 mm | 86 mm  | 52 mm |
| P023/05.10 | € 1,21 | 5.10 mm | 86 mm  | 52 mm |
| P023/05.20 | € 1,21 | 5.20 mm | 86 mm  | 52 mm |
| P023/05.25 | € 1,43 | 5.25 mm | 86 mm  | 52 mm |
| P023/05.30 | € 1,21 | 5.30 mm | 86 mm  | 52 mm |
| P023/05.40 | € 1,21 | 5.40 mm | 93 mm  | 57 mm |
| P023/05.50 | € 1,35 | 5.50 mm | 93 mm  | 57 mm |
| P023/05.60 | € 1,27 | 5.60 mm | 93 mm  | 57 mm |
| P023/05.70 | € 1,27 | 5.70 mm | 93 mm  | 57 mm |
| P023/05.75 | € 1,58 | 5.75 mm | 93 mm  | 57 mm |
| P023/05.80 | € 1,27 | 5.80 mm | 93 mm  | 57 mm |
| P023/05.90 | € 1,27 | 5.90 mm | 93 mm  | 57 mm |
| P023/06.00 | € 1,43 | 6.00 mm | 93 mm  | 57 mm |
| P023/06.10 | € 1,31 | 6.10 mm | 101 mm | 63 mm |
| P023/06.20 | € 1,31 | 6.20 mm | 101 mm | 63 mm |
| P023/06.25 | € 2,03 | 6.25 mm | 101 mm | 63 mm |
| P023/06.30 | € 1,31 | 6.30 mm | 101 mm | 63 mm |
| P023/06.40 | € 1,31 | 6.40 mm | 101 mm | 63 mm |
| P023/06.50 | € 1,80 | 6.50 mm | 101 mm | 63 mm |
| P023/06.60 | € 1,59 | 6.60 mm | 101 mm | 63 mm |
| P023/06.70 | € 1,59 | 6.70 mm | 101 mm | 63 mm |
| P023/06.75 | € 2,33 | 6.75 mm | 109 mm | 69 mm |
| P023/06.80 | € 1,59 | 6.80 mm | 109 mm | 69 mm |
| P023/06.90 | € 1,59 | 6.90 mm | 109 mm | 69 mm |
| P023/07.00 | € 2,18 | 7.00 mm | 109 mm | 69 mm |
| P023/07.10 | € 1,82 | 7.10 mm | 109 mm | 69 mm |
| P023/07.20 | € 1,82 | 7.20 mm | 109 mm | 69 mm |
| P023/07.25 | € 2,55 | 7.25 mm | 109 mm | 69 mm |
| P023/07.30 | € 1,82 | 7.30 mm | 109 mm | 69 mm |
| P023/07.40 | € 1,82 | 7.40 mm | 109 mm | 69 mm |
| P023/07.50 | € 2,25 | 7.50 mm | 109 mm | 69 mm |
| P023/07.60 | € 2,04 | 7.60 mm | 117 mm | 75 mm |
| P023/07.70 | € 2,04 | 7.70 mm | 117 mm | 75 mm |
| P023/07.75 | € 2,85 | 7.75 mm | 117 mm | 75 mm |

| Art.       | €       | Ø        | L      | l      |
|------------|---------|----------|--------|--------|
| P023/07.80 | € 2,04  | 7.80 mm  | 117 mm | 75 mm  |
| P023/07.90 | € 2,04  | 7.90 mm  | 117 mm | 75 mm  |
| P023/08.00 | € 2,70  | 8.00 mm  | 117 mm | 75 mm  |
| P023/08.10 | € 2,31  | 8.10 mm  | 117 mm | 75 mm  |
| P023/08.20 | € 2,31  | 8.20 mm  | 117 mm | 75 mm  |
| P023/08.25 | € 3,45  | 8.25 mm  | 117 mm | 75 mm  |
| P023/08.30 | € 2,31  | 8.30 mm  | 117 mm | 75 mm  |
| P023/08.40 | € 2,31  | 8.40 mm  | 117 mm | 75 mm  |
| P023/08.50 | € 3,38  | 8.50 mm  | 117 mm | 75 mm  |
| P023/08.60 | € 2,69  | 8.60 mm  | 125 mm | 81 mm  |
| P023/08.70 | € 2,69  | 8.70 mm  | 125 mm | 81 mm  |
| P023/08.75 | € 3,68  | 8.75 mm  | 125 mm | 81 mm  |
| P023/08.80 | € 2,69  | 8.80 mm  | 125 mm | 81 mm  |
| P023/08.90 | € 2,69  | 8.90 mm  | 125 mm | 81 mm  |
| P023/09.00 | € 3,53  | 9.00 mm  | 125 mm | 81 mm  |
| P023/09.10 | € 2,97  | 9.10 mm  | 125 mm | 81 mm  |
| P023/09.20 | € 2,97  | 9.20 mm  | 125 mm | 81 mm  |
| P023/09.25 | € 4,13  | 9.25 mm  | 125 mm | 81 mm  |
| P023/09.30 | € 2,97  | 9.30 mm  | 125 mm | 81 mm  |
| P023/09.40 | € 2,97  | 9.40 mm  | 125 mm | 81 mm  |
| P023/09.50 | € 3,75  | 9.50 mm  | 125 mm | 81 mm  |
| P023/09.60 | € 3,33  | 9.60 mm  | 133 mm | 87 mm  |
| P023/09.70 | € 3,33  | 9.70 mm  | 133 mm | 87 mm  |
| P023/09.75 | € 4,43  | 9.75 mm  | 133 mm | 87 mm  |
| P023/09.80 | € 3,33  | 9.80 mm  | 133 mm | 87 mm  |
| P023/09.90 | € 3,33  | 9.90 mm  | 133 mm | 87 mm  |
| P023/10.00 | € 4,05  | 10.00 mm | 133 mm | 87 mm  |
| P023/10.25 | € 5,60  | 10.25 mm | 133 mm | 87 mm  |
| P023/10.30 | € 4,16  | 10.30 mm | 133 mm | 87 mm  |
| P023/10.40 | € 4,16  | 10.40 mm | 133 mm | 87 mm  |
| P023/10.50 | € 4,95  | 10.50 mm | 133 mm | 87 mm  |
| P023/10.75 | € 6,80  | 10.75 mm | 142 mm | 94 mm  |
| P023/11.00 | € 5,90  | 11.00 mm | 142 mm | 94 mm  |
| P023/11.25 | € 7,20  | 11.25 mm | 142 mm | 94 mm  |
| P023/11.40 | € 5,20  | 11.40 mm | 142 mm | 94 mm  |
| P023/11.50 | € 6,20  | 11.50 mm | 142 mm | 94 mm  |
| P023/11.75 | € 7,80  | 11.75 mm | 142 mm | 94 mm  |
| P023/12.00 | € 6,80  | 12.00 mm | 151 mm | 101 mm |
| P023/12.25 | € 8,50  | 12.25 mm | 151 mm | 101 mm |
| P023/12.30 | € 6,40  | 12.30 mm | 151 mm | 101 mm |
| P023/12.40 | € 6,40  | 12.40 mm | 151 mm | 101 mm |
| P023/12.50 | € 7,40  | 12.50 mm | 151 mm | 101 mm |
| P023/12.75 | € 9,60  | 12.75 mm | 151 mm | 101 mm |
| P023/13.00 | € 8,00  | 13.00 mm | 151 mm | 101 mm |
| P023/14.30 | € 12,90 | 14.30 mm | 165 mm | 115 mm |
| P023/14.40 | € 12,90 | 14.40 mm | 165 mm | 115 mm |
| P023/16.40 | € 16,70 | 16.40 mm | 170 mm | 115 mm |

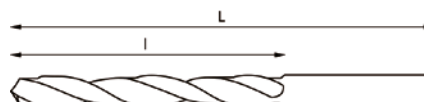
## P023-xC

## PUNTA ELICOIDALE CILINDRICA

DESTRA, SERIE CORTA, RETTIFICATA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830

CONFEZIONI DA 10\* PEZZI

HSS DIN 1897 135°



| Art.        | €      | Ø       | L     | l     |
|-------------|--------|---------|-------|-------|
| P023/03.00C | € 0,75 | 3.00 mm | 46 mm | 16 mm |
| P023/03.25C | € 0,83 | 3.25 mm | 49 mm | 18 mm |
| P023/03.50C | € 0,83 | 3.50 mm | 52 mm | 20 mm |
| P023/03.75C | € 0,90 | 3.75 mm | 52 mm | 20 mm |

| Art.        | €      | Ø       | L     | l     |
|-------------|--------|---------|-------|-------|
| P023/04.00C | € 0,90 | 4.00 mm | 55 mm | 22 mm |
| P023/04.25C | € 1,20 | 4.25 mm | 55 mm | 22 mm |
| P023/04.50C | € 1,05 | 4.50 mm | 58 mm | 24 mm |
| P023/05.00C | € 1,13 | 5.00 mm | 62 mm | 26 mm |

| Art.        | €      | Ø       | L     | l     |
|-------------|--------|---------|-------|-------|
| P023/05.50C | € 1,50 | 5.50 mm | 66 mm | 28 mm |
| P023/06.00C | € 1,58 | 6.00 mm | 66 mm | 28 mm |

## P023-xL

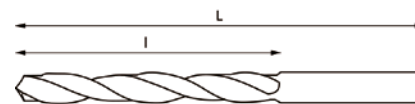
CAT 42

## PUNTA ELICOIDALE CILINDRICA LUNGA

DESTRA, SERIE CORTA, RETTIFICATA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830

CONFEZIONI DA 10\* PEZZI FINO AL Ø 7,75 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8,00 MM

HSS DIN 340 135°



| Art.        | €      | Ø       | L      | l     |
|-------------|--------|---------|--------|-------|
| P023/01.00L | € 0,83 | 1,00 mm | 56 mm  | 33 mm |
| P023/01.25L | € 0,83 | 1,25 mm | 65 mm  | 40 mm |
| P023/01.50L | € 0,83 | 1,50 mm | 70 mm  | 45 mm |
| P023/01.75L | € 0,83 | 1,75 mm | 80 mm  | 53 mm |
| P023/02.00L | € 0,75 | 2,00 mm | 85 mm  | 56 mm |
| P023/02.25L | € 0,83 | 2,25 mm | 90 mm  | 59 mm |
| P023/02.50L | € 0,75 | 2,50 mm | 95 mm  | 62 mm |
| P023/02.75L | € 0,90 | 2,75 mm | 100 mm | 66 mm |
| P023/03.00L | € 0,83 | 3,00 mm | 100 mm | 66 mm |
| P023/03.25L | € 0,90 | 3,25 mm | 106 mm | 69 mm |
| P023/03.50L | € 0,90 | 3,50 mm | 112 mm | 73 mm |
| P023/03.75L | € 1,05 | 3,75 mm | 112 mm | 73 mm |
| P023/04.00L | € 0,98 | 4,00 mm | 119 mm | 78 mm |
| P023/04.25L | € 1,13 | 4,25 mm | 119 mm | 78 mm |
| P023/04.50L | € 1,13 | 4,50 mm | 126 mm | 82 mm |

| Art.        | €      | Ø       | L      | l      |
|-------------|--------|---------|--------|--------|
| P023/04.75L | € 1,35 | 4,75 mm | 126 mm | 82 mm  |
| P023/05.00L | € 1,35 | 5,00 mm | 132 mm | 87 mm  |
| P023/05.25L | € 1,65 | 5,25 mm | 132 mm | 87 mm  |
| P023/05.50L | € 1,65 | 5,50 mm | 139 mm | 91 mm  |
| P023/05.75L | € 1,80 | 5,75 mm | 139 mm | 91 mm  |
| P023/06.00L | € 1,80 | 6,00 mm | 139 mm | 91 mm  |
| P023/06.25L | € 2,25 | 6,25 mm | 148 mm | 97 mm  |
| P023/06.50L | € 2,25 | 6,50 mm | 148 mm | 97 mm  |
| P023/06.75L | € 2,33 | 6,75 mm | 148 mm | 97 mm  |
| P023/07.00L | € 2,33 | 7,00 mm | 156 mm | 102 mm |
| P023/07.25L | € 2,70 | 7,25 mm | 156 mm | 102 mm |
| P023/07.50L | € 2,70 | 7,25 mm | 156 mm | 102 mm |
| P023/07.75L | € 3,23 | 7,75 mm | 165 mm | 109 mm |
| P023/08.00L | € 3,08 | 8,00 mm | 165 mm | 109 mm |
| P023/08.25L | € 4,35 | 8,25 mm | 165 mm | 109 mm |

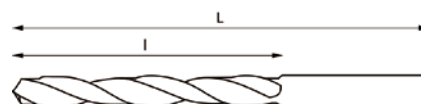
| Art.        | €       | Ø        | L      | l      |
|-------------|---------|----------|--------|--------|
| P023/08.50L | € 4,35  | 8,50 mm  | 165 mm | 109 mm |
| P023/08.75L | € 4,50  | 8,75 mm  | 175 mm | 115 mm |
| P023/09.00L | € 4,50  | 9,00 mm  | 175 mm | 115 mm |
| P023/09.25L | € 5,10  | 9,25 mm  | 175 mm | 115 mm |
| P023/09.50L | € 5,10  | 9,50 mm  | 175 mm | 115 mm |
| P023/09.75L | € 5,10  | 9,75 mm  | 184 mm | 121 mm |
| P023/10.00L | € 5,10  | 10,00 mm | 184 mm | 121 mm |
| P023/10.25L | € 7,10  | 10,25 mm | 184 mm | 121 mm |
| P023/10.50L | € 7,10  | 10,50 mm | 184 mm | 121 mm |
| P023/11.00L | € 8,30  | 11,00 mm | 195 mm | 128 mm |
| P023/11.50L | € 9,00  | 11,50 mm | 195 mm | 128 mm |
| P023/12.00L | € 10,50 | 12,00 mm | 205 mm | 134 mm |
| P023/12.50L | € 11,60 | 12,50 mm | 205 mm | 134 mm |
| P023/13.00L | € 12,20 | 13,00 mm | 205 mm | 134 mm |

## P023-xL1

CAT 42

## PUNTA ELICOIDALE CILINDRICA EXTRA LUNGA

DESTRA, SERIE CORTA, RETTIFICATA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830



HSS DIN 1869-1 135°

| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| P023/02.00L1 | € 1,35 | 02,00 mm | 125 mm | 85 mm  |
| P023/02.50L1 | € 1,50 | 02,50 mm | 140 mm | 95 mm  |
| P023/03.00L1 | € 1,88 | 03,00 mm | 150 mm | 100 mm |
| P023/03.50L1 | € 2,25 | 03,50 mm | 165 mm | 115 mm |
| P023/04.00L1 | € 3,00 | 04,00 mm | 175 mm | 120 mm |
| P023/04.50L1 | € 3,75 | 04,50 mm | 185 mm | 125 mm |
| P023/05.00L1 | € 4,50 | 05,00 mm | 195 mm | 135 mm |
| P023/05.50L1 | € 5,30 | 05,50 mm | 205 mm | 140 mm |

| Art.         | €       | Ø        | L      | l      |
|--------------|---------|----------|--------|--------|
| P023/06.00L1 | € 6,80  | 06,00 mm | 205 mm | 140 mm |
| P023/06.50L1 | € 7,50  | 06,50 mm | 215 mm | 150 mm |
| P023/07.00L1 | € 9,00  | 07,00 mm | 225 mm | 155 mm |
| P023/07.50L1 | € 9,80  | 07,50 mm | 225 mm | 155 mm |
| P023/08.00L1 | € 12,00 | 08,00 mm | 240 mm | 165 mm |
| P023/08.50L1 | € 13,50 | 08,50 mm | 240 mm | 165 mm |
| P023/09.00L1 | € 15,00 | 09,00 mm | 250 mm | 175 mm |
| P023/09.50L1 | € 16,50 | 09,50 mm | 250 mm | 175 mm |

| Art.         | €       | Ø        | L      | l      |
|--------------|---------|----------|--------|--------|
| P023/10.00L1 | € 18,80 | 10,00 mm | 265 mm | 185 mm |
| P023/10.50L1 | € 20,30 | 10,50 mm | 265 mm | 185 mm |
| P023/11.00L1 | € 22,50 | 11,00 mm | 280 mm | 195 mm |
| P023/11.50L1 | € 24,80 | 11,50 mm | 280 mm | 195 mm |
| P023/12.00L1 | € 26,30 | 12,00 mm | 295 mm | 205 mm |
| P023/12.50L1 | € 27,80 | 12,50 mm | 295 mm | 205 mm |
| P023/13.00L1 | € 29,30 | 13,00 mm | 295 mm | 205 mm |

## P023-xL2

CAT 42

## PUNTA ELICOIDALE CILINDRICA EXTRA LUNGA

DESTRA, SERIE CORTA, RETTIFICATA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830



HSS DIN 1869-2 135°

| Art.         | €      | Ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| P023/02.00L2 | € 1,88 | 02,00 mm | 160 mm | 110 mm |
| P023/02.50L2 | € 2,25 | 02,50 mm | 180 mm | 120 mm |
| P023/03.00L2 | € 2,70 | 03,00 mm | 190 mm | 130 mm |
| P023/03.50L2 | € 3,00 | 03,50 mm | 210 mm | 145 mm |
| P023/04.00L2 | € 4,50 | 04,00 mm | 220 mm | 150 mm |
| P023/04.50L2 | € 5,30 | 04,50 mm | 235 mm | 160 mm |
| P023/05.00L2 | € 6,80 | 05,00 mm | 245 mm | 170 mm |
| P023/05.50L2 | € 7,50 | 05,50 mm | 260 mm | 180 mm |

| Art.         | €       | Ø        | L      | l      |
|--------------|---------|----------|--------|--------|
| P023/06.00L2 | € 9,00  | 06,00 mm | 260 mm | 180 mm |
| P023/06.50L2 | € 10,50 | 06,50 mm | 275 mm | 190 mm |
| P023/07.00L2 | € 12,80 | 07,00 mm | 290 mm | 200 mm |
| P023/07.50L2 | € 13,50 | 07,50 mm | 290 mm | 200 mm |
| P023/08.00L2 | € 16,50 | 08,00 mm | 305 mm | 210 mm |
| P023/08.50L2 | € 18,00 | 08,50 mm | 305 mm | 210 mm |
| P023/09.00L2 | € 20,30 | 09,00 mm | 320 mm | 220 mm |
| P023/09.50L2 | € 21,00 | 09,50 mm | 320 mm | 220 mm |

| Art.         | €       | Ø        | L      | l      |
|--------------|---------|----------|--------|--------|
| P023/10.00L2 | € 25,50 | 10,00 mm | 340 mm | 235 mm |
| P023/10.50L2 | € 27,00 | 10,50 mm | 340 mm | 235 mm |
| P023/11.00L2 | € 31,50 | 11,00 mm | 365 mm | 250 mm |
| P023/11.50L2 | € 33,80 | 11,50 mm | 365 mm | 250 mm |
| P023/12.00L2 | € 35,30 | 12,00 mm | 375 mm | 260 mm |
| P023/12.50L2 | € 37,50 | 12,50 mm | 375 mm | 260 mm |
| P023/13.00L2 | € 41,30 | 13,00 mm | 375 mm | 260 mm |

# P023-xL3

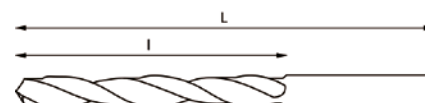
CAT 42

## PUNTA ELICOIDALE CILINDRICA EXTRA LUNGA

DESTRA, RETTIFICATA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830



HSS DIN 1869-3 135°



| Art.         | €      | ø        | L      | l      |
|--------------|--------|----------|--------|--------|
| P023/02.00L3 | € 2,25 | 02,00 mm | 200 mm | 135 mm |
| P023/02.50L3 | € 2,63 | 02,50 mm | 225 mm | 150 mm |
| P023/03.00L3 | € 3,00 | 03,00 mm | 240 mm | 160 mm |
| P023/03.50L3 | € 4,50 | 03,50 mm | 265 mm | 180 mm |
| P023/04.00L3 | € 5,30 | 04,00 mm | 280 mm | 190 mm |
| P023/04.50L3 | € 6,80 | 04,50 mm | 295 mm | 200 mm |
| P023/05.00L3 | € 8,30 | 05,00 mm | 315 mm | 210 mm |
| P023/05.50L3 | € 9,80 | 05,50 mm | 330 mm | 225 mm |

| Art.         | €       | ø        | L      | l      |
|--------------|---------|----------|--------|--------|
| P023/06.00L3 | € 11,30 | 06,00 mm | 330 mm | 225 mm |
| P023/06.50L3 | € 13,50 | 06,50 mm | 350 mm | 235 mm |
| P023/07.00L3 | € 16,50 | 07,00 mm | 370 mm | 250 mm |
| P023/07.50L3 | € 18,00 | 07,50 mm | 370 mm | 250 mm |
| P023/08.00L3 | € 21,00 | 08,00 mm | 390 mm | 265 mm |
| P023/08.50L3 | € 23,30 | 08,50 mm | 390 mm | 265 mm |
| P023/09.00L3 | € 27,00 | 09,00 mm | 410 mm | 280 mm |
| P023/09.50L3 | € 27,80 | 09,50 mm | 410 mm | 280 mm |

| Art.         | €       | ø        | L      | l      |
|--------------|---------|----------|--------|--------|
| P023/10.00L3 | € 32,30 | 10,00 mm | 430 mm | 295 mm |
| P023/10.50L3 | € 34,50 | 10,50 mm | 430 mm | 295 mm |
| P023/11.00L3 | € 37,50 | 11,00 mm | 455 mm | 310 mm |
| P023/11.50L3 | € 39,80 | 11,50 mm | 455 mm | 310 mm |
| P023/12.00L3 | € 45,00 | 12,00 mm | 480 mm | 330 mm |
| P023/12.50L3 | € 48,80 | 12,50 mm | 480 mm | 330 mm |
| P023/13.00L3 | € 51,80 | 13,00 mm | 480 mm | 330 mm |

# P023/19

€ 30,50

## SERIE PUNTE ELICOIDALI CILINDRICHE

DESTRE, SERIE CORTA, RETTIFICATE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830



19 Pz HSS DIN 338 135°

Misura (progressione 0,5 mm)  
Pezzi

1 ÷ 10 mm  
19

# P023/25

€ 61,80

## SERIE PUNTE ELICOIDALI CILINDRICHE

DESTRE, SERIE CORTA, RETTIFICATE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 800 N/MM2, DUREZZA PUNTA HV= 770 ÷ 830



25 Pz HSS DIN 338 135°

Misura (progressione 0,5 mm)  
Pezzi

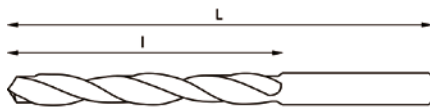
1 ÷ 13 mm  
25

## P065-

## PUNTA CILINDRICA RETTIFICATA

AUTOCENTRANTI, DESTRE, SERIE CORTA, RETTIFICATE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA  $R = 1250 \text{ N/mm}^2$ , DUREZZA PUNTA  $HV = 800 \div 900$

CONFEZIONI DA 10\* PEZZI FINO AL Ø 7,75 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8,00 MM



| Art.       | €      | Ø       | L     | l     |
|------------|--------|---------|-------|-------|
| P065/01.00 | € 0,86 | 1 mm    | 34 mm | 12 mm |
| P065/01.25 | € 1,04 | 1,25 mm | 38 mm | 16 mm |
| P065/01.50 | € 1,04 | 1,50 mm | 40 mm | 18 mm |
| P065/01.75 | € 1,04 | 1,75 mm | 46 mm | 22 mm |
| P065/02.00 | € 1,04 | 2 mm    | 49 mm | 24 mm |
| P065/02.25 | € 1,20 | 2,25 mm | 53 mm | 27 mm |
| P065/02.50 | € 1,20 | 2,50 mm | 57 mm | 30 mm |
| P065/02.75 | € 1,20 | 2,75 mm | 61 mm | 33 mm |
| P065/03.00 | € 1,20 | 3 mm    | 61 mm | 33 mm |
| P065/03.25 | € 1,64 | 3,25 mm | 69 mm | 39 mm |
| P065/03.50 | € 1,64 | 3,50 mm | 70 mm | 39 mm |
| P065/03.75 | € 1,64 | 3,75 mm | 70 mm | 39 mm |
| P065/04.00 | € 1,64 | 4 mm    | 75 mm | 43 mm |
| P065/04.25 | € 2,31 | 4,25 mm | 75 mm | 43 mm |
| P065/04.50 | € 2,31 | 4,50 mm | 80 mm | 47 mm |
| P065/04.75 | € 2,31 | 4,75 mm | 80 mm | 47 mm |
| P065/05.00 | € 2,31 | 5 mm    | 86 mm | 52 mm |

| Art.       | €      | Ø       | L      | l     |
|------------|--------|---------|--------|-------|
| P065/05.25 | € 2,91 | 5,25 mm | 86 mm  | 52 mm |
| P065/05.50 | € 2,91 | 5,50 mm | 93 mm  | 57 mm |
| P065/05.75 | € 2,91 | 5,75 mm | 93 mm  | 57 mm |
| P065/06.00 | € 2,91 | 6 mm    | 93 mm  | 57 mm |
| P065/06.25 | € 3,60 | 6,25 mm | 101 mm | 63 mm |
| P065/06.50 | € 3,60 | 6,50 mm | 101 mm | 63 mm |
| P065/06.75 | € 3,60 | 6,75 mm | 109 mm | 69 mm |
| P065/07.00 | € 3,60 | 7 mm    | 109 mm | 69 mm |
| P065/07.25 | € 6,20 | 7,25 mm | 109 mm | 69 mm |
| P065/07.50 | € 6,20 | 7,50 mm | 109 mm | 69 mm |
| P065/07.75 | € 6,20 | 7,75 mm | 117 mm | 75 mm |
| P065/08.00 | € 6,20 | 8 mm    | 117 mm | 75 mm |
| P065/08.25 | € 7,70 | 8,25 mm | 117 mm | 75 mm |
| P065/08.50 | € 7,70 | 8,50 mm | 117 mm | 75 mm |
| P065/08.75 | € 7,70 | 8,75 mm | 125 mm | 81 mm |
| P065/09.00 | € 7,70 | 9 mm    | 125 mm | 81 mm |
| P065/09.25 | € 9,70 | 9,25 mm | 125 mm | 81 mm |

| Art.       | €       | Ø        | L      | l      |
|------------|---------|----------|--------|--------|
| P065/09.50 | € 9,70  | 9,50 mm  | 125 mm | 81 mm  |
| P065/09.75 | € 9,70  | 9,75 mm  | 133 mm | 87 mm  |
| P065/10.00 | € 9,70  | 10 mm    | 133 mm | 87 mm  |
| P065/10.25 | € 11,60 | 10,25 mm | 133 mm | 87 mm  |
| P065/10.50 | € 11,60 | 10,50 mm | 133 mm | 87 mm  |
| P065/10.75 | € 11,60 | 10,75 mm | 142 mm | 94 mm  |
| P065/11.00 | € 11,60 | 11 mm    | 142 mm | 94 mm  |
| P065/11.25 | € 13,90 | 11,25 mm | 142 mm | 94 mm  |
| P065/11.50 | € 13,90 | 11,50 mm | 142 mm | 94 mm  |
| P065/11.75 | € 13,90 | 11,75 mm | 142 mm | 94 mm  |
| P065/12.00 | € 13,90 | 12 mm    | 151 mm | 101 mm |
| P065/12.25 | € 16,80 | 12,25 mm | 151 mm | 101 mm |
| P065/12.50 | € 16,80 | 12,50 mm | 151 mm | 101 mm |
| P065/12.75 | € 16,80 | 12,75 mm | 151 mm | 101 mm |
| P065/13.00 | € 16,80 | 13 mm    | 151 mm | 101 mm |

## P067

€ 56,60

## SERIE PUNTE AL COBALTO

AUTOCENTRANTI, DESTRE, SERIE CORTA, RETTIFICATE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA  $R = 1250 \text{ N/mm}^2$ , DUREZZA PUNTA  $HV = 800 \div 900$



19 Pz HSS - Co 5% DIN 338 135°

Misura (progressione 0,5 mm)  
Pezzi

1 ÷ 10 mm  
19

## P069

€ 111,00

## SERIE PUNTE AL COBALTO

AUTOCENTRANTI, DESTRE, SERIE CORTA, RETTIFICATE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA  $R = 1250 \text{ N/mm}^2$ , DUREZZA PUNTA  $HV = 800 \div 900$



25 Pz HSS - Co 5% DIN 338 135°

Misura (progressione 0,5 mm)  
Pezzi

1 ÷ 13 mm  
25

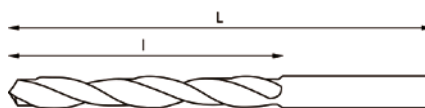


**P064-**
**PUNTA CILINDRICA RETTIFICATA**

AUTOCENTRANTI, DESTRE, SERIE CORTA, RETTIFICATE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R = 1400 N/MM2, DUREZZA PUNTA HV= 850 ÷ 900

 CONFEZIONI DA 10\* PEZZI FINO AL Ø 7,75 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8,00 MM

DIN 338 135° HSS - Co 8%



| Art.       | €      | Ø        | L     | l     |
|------------|--------|----------|-------|-------|
| P064/01.00 | € 1,20 | 01.00 mm | 34 mm | 12 mm |
| P064/01.25 | € 1,20 | 01.25 mm | 38 mm | 16 mm |
| P064/01.50 | € 1,20 | 01.50 mm | 40 mm | 18 mm |
| P064/01.75 | € 1,20 | 01.75 mm | 46 mm | 22 mm |
| P064/02.00 | € 1,20 | 02.00 mm | 49 mm | 24 mm |
| P064/02.25 | € 1,39 | 02.25 mm | 53 mm | 27 mm |
| P064/02.50 | € 1,39 | 02.50 mm | 57 mm | 30 mm |
| P064/02.75 | € 1,39 | 02.75 mm | 61 mm | 33 mm |
| P064/03.00 | € 1,39 | 03.00 mm | 61 mm | 33 mm |
| P064/03.25 | € 1,90 | 03.25 mm | 69 mm | 39 mm |
| P064/03.50 | € 1,90 | 03.50 mm | 70 mm | 39 mm |
| P064/03.75 | € 1,90 | 03.75 mm | 70 mm | 39 mm |
| P064/04.00 | € 1,90 | 04.00 mm | 75 mm | 43 mm |
| P064/04.25 | € 2,68 | 04.25 mm | 75 mm | 43 mm |
| P064/04.50 | € 2,68 | 04.50 mm | 80 mm | 47 mm |
| P064/04.75 | € 2,68 | 04.75 mm | 80 mm | 47 mm |
| P064/05.00 | € 2,68 | 05.00 mm | 86 mm | 52 mm |

| Art.       | €       | Ø        | L      | l     |
|------------|---------|----------|--------|-------|
| P064/05.25 | € 3,38  | 05.25 mm | 86 mm  | 52 mm |
| P064/05.50 | € 3,38  | 05.50 mm | 93 mm  | 57 mm |
| P064/05.75 | € 3,38  | 05.75 mm | 93 mm  | 57 mm |
| P064/06.00 | € 3,38  | 06.00 mm | 93 mm  | 57 mm |
| P064/06.25 | € 4,12  | 06.25 mm | 101 mm | 63 mm |
| P064/06.50 | € 4,12  | 06.50 mm | 101 mm | 63 mm |
| P064/06.75 | € 4,12  | 06.75 mm | 109 mm | 69 mm |
| P064/07.00 | € 4,12  | 07.00 mm | 109 mm | 69 mm |
| P064/07.25 | € 7,20  | 07.25 mm | 109 mm | 69 mm |
| P064/07.50 | € 7,20  | 07.50 mm | 109 mm | 69 mm |
| P064/07.75 | € 7,20  | 07.75 mm | 117 mm | 75 mm |
| P064/08.00 | € 7,20  | 08.00 mm | 117 mm | 75 mm |
| P064/08.25 | € 8,90  | 08.25 mm | 117 mm | 75 mm |
| P064/08.50 | € 8,90  | 08.50 mm | 117 mm | 75 mm |
| P064/08.75 | € 8,90  | 08.75 mm | 125 mm | 81 mm |
| P064/09.00 | € 8,90  | 09.00 mm | 125 mm | 81 mm |
| P064/09.25 | € 11,20 | 09.25 mm | 125 mm | 81 mm |

| Art.       | €       | Ø        | L      | l      |
|------------|---------|----------|--------|--------|
| P064/09.50 | € 11,20 | 09.50 mm | 125 mm | 81 mm  |
| P064/09.75 | € 11,20 | 09.75 mm | 133 mm | 87 mm  |
| P064/10.00 | € 11,20 | 10.00 mm | 133 mm | 87 mm  |
| P064/10.25 | € 13,50 | 10.25 mm | 133 mm | 87 mm  |
| P064/10.50 | € 13,50 | 10.50 mm | 133 mm | 87 mm  |
| P064/10.75 | € 13,50 | 10.75 mm | 142 mm | 94 mm  |
| P064/11.00 | € 13,50 | 11.00 mm | 142 mm | 94 mm  |
| P064/11.25 | € 16,10 | 11.25 mm | 142 mm | 94 mm  |
| P064/11.50 | € 16,10 | 11.50 mm | 142 mm | 94 mm  |
| P064/11.75 | € 16,10 | 11.75 mm | 142 mm | 94 mm  |
| P064/12.00 | € 16,10 | 12.00 mm | 151 mm | 101 mm |
| P064/12.25 | € 19,50 | 12.25 mm | 151 mm | 101 mm |
| P064/12.50 | € 19,50 | 12.50 mm | 151 mm | 101 mm |
| P064/12.75 | € 19,50 | 12.75 mm | 151 mm | 101 mm |
| P064/13.00 | € 19,50 | 13.00 mm | 151 mm | 101 mm |

**P064/19A**
**€ 68,50**
**SERIE PUNTE AL COBALTO**

 AUTOCENTRANTI, DESTRE, SERIE CORTA,  
RETTIFICATE, PER LAVORAZIONE DI  
MATERIALI CON RESISTENZA R = 1400 N/  
MM2, DUREZZA PUNTA HV= 850 ÷ 900


19 Pz DIN 338 135° HSS - Co 8%

Misura [progressione 0,5 mm]

1 ÷ 10 mm

**P064/25A**
**€ 146,00**
**SERIE PUNTE AL COBALTO**

 AUTOCENTRANTI, DESTRE, SERIE CORTA,  
RETTIFICATE, PER LAVORAZIONE DI  
MATERIALI CON RESISTENZA R = 1400 N/  
MM2, DUREZZA PUNTA HV= 850 ÷ 900


25 Pz DIN 338 135° HSS - Co 8%

Misura [progressione 0,5 mm]

1 ÷ 13 mm

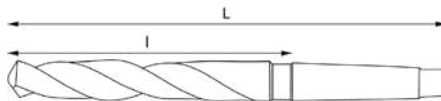


## ST2Ax

## PUNTA ELICOIDALE DESTRA CON CODOLO CONICO

DESTRE, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R=650 N/mm<sup>2</sup>, DUREZZA PUNTA HV=700 ÷ 740

HSS DIN 345/N 118°



| Art.      | €       | Ø        | CM | L      | l      |
|-----------|---------|----------|----|--------|--------|
| ST2A05.75 | € 7,10  | 5,75 mm  | 1  | 138 mm | 57 mm  |
| ST2A06    | € 7,10  | 6,00 mm  | 1  | 138 mm | 57 mm  |
| ST2A06.25 | € 7,10  | 6,25 mm  | 1  | 144 mm | 63 mm  |
| ST2A06.50 | € 7,10  | 6,50 mm  | 1  | 144 mm | 63 mm  |
| ST2A06.75 | € 7,10  | 6,75 mm  | 1  | 150 mm | 69 mm  |
| ST2A07    | € 7,10  | 7,00 mm  | 1  | 150 mm | 69 mm  |
| ST2A07.25 | € 7,10  | 7,25 mm  | 1  | 150 mm | 69 mm  |
| ST2A07.50 | € 7,10  | 7,50 mm  | 1  | 150 mm | 69 mm  |
| ST2A07.75 | € 7,10  | 7,75 mm  | 1  | 156 mm | 75 mm  |
| ST2A08    | € 7,10  | 8,00 mm  | 1  | 156 mm | 75 mm  |
| ST2A08.25 | € 7,10  | 8,25 mm  | 1  | 156 mm | 75 mm  |
| ST2A08.50 | € 7,10  | 8,50 mm  | 1  | 156 mm | 75 mm  |
| ST2A08.75 | € 7,10  | 8,75 mm  | 1  | 156 mm | 75 mm  |
| ST2A09    | € 7,10  | 9,00 mm  | 1  | 162 mm | 81 mm  |
| ST2A09.25 | € 7,10  | 9,25 mm  | 1  | 162 mm | 81 mm  |
| ST2A09.50 | € 7,10  | 9,50 mm  | 1  | 162 mm | 81 mm  |
| ST2A09.75 | € 7,10  | 9,75 mm  | 1  | 162 mm | 81 mm  |
| ST2A10    | € 7,10  | 10,00 mm | 1  | 168 mm | 81 mm  |
| ST2A10.25 | € 8,20  | 10,25 mm | 1  | 168 mm | 87 mm  |
| ST2A10.50 | € 8,20  | 10,50 mm | 1  | 168 mm | 87 mm  |
| ST2A10.75 | € 8,20  | 10,75 mm | 1  | 175 mm | 87 mm  |
| ST2A11    | € 8,20  | 11,00 mm | 1  | 175 mm | 94 mm  |
| ST2A11.25 | € 8,20  | 11,25 mm | 1  | 175 mm | 94 mm  |
| ST2A11.50 | € 8,20  | 11,50 mm | 1  | 175 mm | 94 mm  |
| ST2A11.75 | € 8,20  | 11,75 mm | 1  | 175 mm | 94 mm  |
| ST2A12    | € 8,20  | 12,00 mm | 1  | 182 mm | 94 mm  |
| ST2A12.25 | € 9,30  | 12,25 mm | 1  | 182 mm | 101 mm |
| ST2A12.50 | € 9,30  | 12,50 mm | 1  | 182 mm | 101 mm |
| ST2A12.75 | € 9,30  | 12,75 mm | 1  | 182 mm | 101 mm |
| ST2A13    | € 9,30  | 13,00 mm | 1  | 182 mm | 101 mm |
| ST2A13.25 | € 9,30  | 13,25 mm | 1  | 182 mm | 101 mm |
| ST2A13.50 | € 9,30  | 13,50 mm | 1  | 189 mm | 108 mm |
| ST2A13.75 | € 9,30  | 13,75 mm | 1  | 189 mm | 108 mm |
| ST2A14    | € 9,30  | 14,00 mm | 1  | 189 mm | 108 mm |
| ST2A14.25 | € 9,30  | 14,25 mm | 2  | 212 mm | 114 mm |
| ST2A14.50 | € 9,30  | 14,50 mm | 2  | 212 mm | 114 mm |
| ST2A14.75 | € 9,30  | 14,75 mm | 2  | 212 mm | 114 mm |
| ST2A15    | € 9,30  | 15,00 mm | 2  | 212 mm | 114 mm |
| ST2A15.25 | € 13,90 | 15,25 mm | 2  | 218 mm | 120 mm |
| ST2A15.50 | € 13,90 | 15,50 mm | 2  | 218 mm | 120 mm |
| ST2A15.75 | € 13,90 | 15,75 mm | 2  | 218 mm | 120 mm |
| ST2A16    | € 13,90 | 16,00 mm | 2  | 218 mm | 120 mm |
| ST2A16.25 | € 13,90 | 16,25 mm | 2  | 223 mm | 125 mm |
| ST2A16.50 | € 13,90 | 16,50 mm | 2  | 223 mm | 125 mm |
| ST2A16.75 | € 13,90 | 16,75 mm | 2  | 223 mm | 125 mm |
| ST2A17    | € 13,90 | 17,00 mm | 2  | 223 mm | 125 mm |
| ST2A17.25 | € 13,90 | 17,25 mm | 2  | 228 mm | 130 mm |
| ST2A17.50 | € 13,90 | 17,50 mm | 2  | 228 mm | 130 mm |
| ST2A18    | € 17,00 | 18,00 mm | 2  | 228 mm | 130 mm |
| ST2A18.25 | € 17,00 | 18,25 mm | 2  | 233 mm | 135 mm |
| ST2A18.50 | € 17,00 | 18,50 mm | 2  | 233 mm | 135 mm |
| ST2A18.75 | € 17,00 | 18,75 mm | 2  | 233 mm | 135 mm |
| ST2A19    | € 17,00 | 19,00 mm | 2  | 233 mm | 135 mm |
| ST2A19.25 | € 18,00 | 19,25 mm | 2  | 238 mm | 140 mm |
| ST2A19.50 | € 18,00 | 19,50 mm | 2  | 238 mm | 130 mm |
| ST2A19.75 | € 18,00 | 19,75 mm | 2  | 238 mm | 140 mm |

| Art.      | €       | Ø        | CM | L      | l      |
|-----------|---------|----------|----|--------|--------|
| ST2A20    | € 18,00 | 20,00 mm | 2  | 238 mm | 140 mm |
| ST2A20.25 | € 18,00 | 20,25 mm | 2  | 243 mm | 145 mm |
| ST2A20.50 | € 20,90 | 20,50 mm | 2  | 243 mm | 145 mm |
| ST2A20.75 | € 20,90 | 20,75 mm | 2  | 243 mm | 145 mm |
| ST2A21    | € 20,90 | 21,00 mm | 2  | 243 mm | 145 mm |
| ST2A21.25 | € 23,00 | 21,25 mm | 2  | 248 mm | 150 mm |
| ST2A21.50 | € 23,00 | 21,50 mm | 2  | 248 mm | 150 mm |
| ST2A21.75 | € 23,00 | 21,75 mm | 2  | 248 mm | 150 mm |
| ST2A22    | € 23,00 | 22,00 mm | 2  | 248 mm | 150 mm |
| ST2A22.25 | € 24,20 | 22,25 mm | 2  | 248 mm | 150 mm |
| ST2A22.50 | € 24,20 | 22,50 mm | 2  | 253 mm | 155 mm |
| ST2A22.75 | € 24,20 | 22,75 mm | 2  | 253 mm | 155 mm |
| ST2A23    | € 24,20 | 23,00 mm | 2  | 253 mm | 155 mm |
| ST2A23.25 | € 24,20 | 23,25 mm | 3  | 276 mm | 155 mm |
| ST2A23.50 | € 26,70 | 23,50 mm | 3  | 276 mm | 155 mm |
| ST2A23.75 | € 26,70 | 23,75 mm | 3  | 281 mm | 160 mm |
| ST2A24    | € 26,70 | 24,00 mm | 3  | 281 mm | 160 mm |
| ST2A24.25 | € 29,60 | 24,25 mm | 3  | 281 mm | 160 mm |
| ST2A24.50 | € 29,60 | 24,50 mm | 3  | 281 mm | 160 mm |
| ST2A24.75 | € 29,60 | 24,75 mm | 3  | 281 mm | 160 mm |
| ST2A25    | € 29,60 | 25,00 mm | 3  | 281 mm | 160 mm |
| ST2A25.25 | € 31,70 | 25,25 mm | 3  | 281 mm | 160 mm |
| ST2A25.50 | € 31,70 | 25,50 mm | 3  | 281 mm | 160 mm |
| ST2A25.75 | € 31,70 | 25,75 mm | 3  | 281 mm | 160 mm |
| ST2A26    | € 31,70 | 26,00 mm | 3  | 286 mm | 165 mm |
| ST2A26.25 | € 37,50 | 26,25 mm | 3  | 286 mm | 165 mm |
| ST2A26.50 | € 37,50 | 26,50 mm | 3  | 286 mm | 165 mm |
| ST2A26.75 | € 37,50 | 26,75 mm | 3  | 291 mm | 170 mm |
| ST2A27    | € 37,50 | 27,00 mm | 3  | 291 mm | 170 mm |
| ST2A27.25 | € 37,50 | 27,25 mm | 3  | 291 mm | 170 mm |
| ST2A27.50 | € 37,50 | 27,50 mm | 3  | 291 mm | 170 mm |
| ST2A27.75 | € 37,50 | 27,75 mm | 3  | 291 mm | 170 mm |
| ST2A28    | € 37,50 | 28,00 mm | 3  | 291 mm | 170 mm |
| ST2A28.25 | € 42,10 | 28,25 mm | 3  | 296 mm | 175 mm |
| ST2A28.50 | € 42,10 | 28,50 mm | 3  | 296 mm | 175 mm |
| ST2A28.75 | € 42,10 | 28,75 mm | 3  | 296 mm | 175 mm |
| ST2A29    | € 42,10 | 29,00 mm | 3  | 296 mm | 175 mm |
| ST2A29.25 | € 42,10 | 29,25 mm | 3  | 296 mm | 175 mm |
| ST2A29.50 | € 42,10 | 29,50 mm | 3  | 296 mm | 175 mm |
| ST2A29.75 | € 42,10 | 29,75 mm | 3  | 296 mm | 175 mm |
| ST2A30    | € 42,10 | 30,00 mm | 3  | 296 mm | 175 mm |
| ST2A30.25 | € 42,90 | 30,25 mm | 3  | 301 mm | 180 mm |
| ST2A30.50 | € 42,90 | 30,50 mm | 3  | 301 mm | 180 mm |
| ST2A30.75 | € 42,90 | 30,75 mm | 3  | 301 mm | 180 mm |
| ST2A31    | € 42,90 | 31,00 mm | 3  | 301 mm | 180 mm |
| ST2A31.25 | € 44,60 | 31,25 mm | 3  | 301 mm | 180 mm |
| ST2A31.50 | € 44,60 | 31,50 mm | 3  | 301 mm | 180 mm |
| ST2A31.75 | € 44,60 | 31,75 mm | 4  | 306 mm | 185 mm |
| ST2A32    | € 44,60 | 32,00 mm | 4  | 334 mm | 185 mm |
| ST2A32.50 | € 58,60 | 32,50 mm | 4  | 334 mm | 185 mm |
| ST2A33    | € 58,60 | 33,00 mm | 4  | 334 mm | 185 mm |
| ST2A33.50 | € 58,60 | 33,50 mm | 4  | 334 mm | 185 mm |
| ST2A34    | € 58,60 | 34,00 mm | 4  | 339 mm | 190 mm |
| ST2A34.50 | € 58,60 | 34,50 mm | 4  | 339 mm | 190 mm |
| ST2A35    | € 58,60 | 35,00 mm | 4  | 339 mm | 190 mm |
| ST2A35.50 | € 68,50 | 35,50 mm | 4  | 339 mm | 190 mm |
| ST2A36    | € 68,50 | 36,00 mm | 4  | 344 mm | 195 mm |

| Art.      | €        | Ø        | CM | L      | l      |
|-----------|----------|----------|----|--------|--------|
| ST2A36.50 | € 68,50  | 36,50 mm | 4  | 344 mm | 195 mm |
| ST2A37    | € 68,50  | 37,00 mm | 4  | 344 mm | 195 mm |
| ST2A37.50 | € 68,50  | 37,50 mm | 4  | 344 mm | 195 mm |
| ST2A38    | € 68,50  | 38,00 mm | 4  | 349 mm | 200 mm |
| ST2A38.50 | € 78,80  | 38,50 mm | 4  | 349 mm | 200 mm |
| ST2A39    | € 78,80  | 39,00 mm | 4  | 349 mm | 200 mm |
| ST2A39.50 | € 78,80  | 39,50 mm | 4  | 349 mm | 200 mm |
| ST2A40    | € 78,80  | 40,00 mm | 4  | 349 mm | 200 mm |
| ST2A40.50 | € 88,50  | 40,50 mm | 4  | 354 mm | 205 mm |
| ST2A41    | € 88,50  | 41,00 mm | 4  | 354 mm | 205 mm |
| ST2A41.50 | € 88,50  | 41,50 mm | 4  | 354 mm | 205 mm |
| ST2A42    | € 88,50  | 42,00 mm | 4  | 354 mm | 205 mm |
| ST2A42.50 | € 97,50  | 42,50 mm | 4  | 354 mm | 205 mm |
| ST2A43    | € 97,50  | 43,00 mm | 4  | 359 mm | 210 mm |
| ST2A43.50 | € 97,50  | 43,50 mm | 4  | 359 mm | 210 mm |
| ST2A44    | € 97,50  | 44,00 mm | 4  | 359 mm | 210 mm |
| ST2A44.50 | € 97,50  | 44,50 mm | 4  | 359 mm | 210 mm |
| ST2A45    | € 109,00 | 45,00 mm | 4  | 359 mm | 210 mm |
| ST2A45.50 | € 109,00 | 45,50 mm | 4  | 364 mm | 215 mm |
| ST2A46    | € 109,00 | 46,00 mm | 4  | 364 mm | 215 mm |
| ST2A46.50 | € 126,00 | 46,50 mm | 4  | 364 mm | 215 mm |
| ST2A47    | € 126,00 | 47,00 mm | 4  | 364 mm | 215 mm |
| ST2A47.50 | € 126,00 | 47,50 mm | 4  | 364 mm | 215 mm |
| ST2A48    | € 126,00 | 48,00 mm | 4  | 369 mm | 220 mm |
| ST2A48.50 | € 140,00 | 48,50 mm | 4  | 369 mm | 220 mm |
| ST2A49    | € 140,00 | 49,00 mm | 4  | 369 mm | 220 mm |
| ST2A49.50 | € 140,00 | 49,50 mm | 4  | 369 mm | 220 mm |
| ST2A50    | € 142,00 | 50,00 mm | 4  | 369 mm | 220 mm |
| ST2A50.50 | € 146,00 | 50,50 mm | 4  | 374 mm | 225 mm |
| ST2A51    | € 151,00 | 51,00 mm | 5  | 412 mm | 225 mm |
| ST2A51.50 | € 156,00 | 51,50 mm | 5  | 412 mm | 225 mm |
| ST2A52    | € 164,00 | 52,00 mm | 5  | 412 mm | 225 mm |
| ST2A53    | € 164,00 | 53,00 mm | 5  | 412 mm | 225 mm |
| ST2A54    | € 164,00 | 54,00 mm | 5  | 417 mm | 230 mm |
| ST2A55    | € 164,00 | 55,00 mm | 5  | 417 mm | 230 mm |
| ST2A56    | € 191,00 | 56,00 mm | 5  | 417 mm | 230 mm |
| ST2A57    | € 191,00 | 57,00 mm | 5  | 422 mm | 235 mm |
| ST2A58    | € 191,00 | 58,00 mm | 5  | 422 mm | 235 mm |
| ST2A59    | € 191,00 | 59,00 mm | 5  | 422 mm | 235 mm |
| ST2A60    | € 191,00 | 60,00 mm | 5  | 422 mm | 235 mm |
| ST2A61    | € 228,00 | 61,00 mm | 5  | 427 mm | 240 mm |
| ST2A62    | € 247,00 | 62,00 mm | 5  | 427 mm | 240 mm |
| ST2A63    | € 283,00 | 63,00 mm | 5  | 427 mm | 240 mm |
| ST2A65    | € 283,00 | 65,00 mm | 5  | 432 mm | 245 mm |
| ST2A66    | € 283,00 | 66,00 mm | 5  | 432 mm | 245 mm |
| ST2A67    | € 286,00 | 67,00 mm | 5  | 432 mm | 245 mm |
| ST2A68    | € 294,00 | 68,00 mm | 5  | 437 mm | 250 mm |
| ST2A69    | € 297,00 | 69,00 mm | 5  | 437 mm | 250 mm |
| ST2A70    | € 297,00 | 70,00 mm | 5  | 437 mm | 250 mm |
| ST2A71    | € 297,00 | 71,00 mm | 5  | 437 mm | 250 mm |
| ST2A72    | € 297,00 | 72,00 mm | 5  | 442 mm | 255 mm |
| ST2A73    | € 337,00 | 73,00 mm | 5  | 442 mm | 255 mm |
| ST2A74    | € 337,00 | 74,00 mm | 5  | 442 mm | 255 mm |
| ST2A75    | € 353,00 | 75,00 mm | 5  | 442 mm | 255 mm |
| ST2A77    | € 412,00 | 77,00 mm | 6  | 514 mm | 260 mm |
| ST2A78    | € 541,00 | 78,00 mm | 6  | 514 mm | 260 mm |
| ST2A79    | € 707,00 | 79,00 mm | 6  | 514 mm | 260 mm |

**P057**
**€ 86,30**
**SERIE PUNTE ELICOIDALI DESTRE CON CODOLO CONICO**


10 Pz HSS DIN 345/N 118°

|       |                                               |
|-------|-----------------------------------------------|
| CM 1  | 14 mm                                         |
| CM 2  | 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 mm |
| Pezzi | 10                                            |

**P056/10S**
**CAT 42 € 29,20**
**SERIE PUNTE DA CENTRO**


10 HSS DIN 333 60°

|            |                                                                  |
|------------|------------------------------------------------------------------|
| Misure     | 2 x 1,00 mm - 2 x 1,60 mm - 2 x 3,15 mm - 1 x 2,00 mm - 1 x 2,50 |
| Tipo       | A                                                                |
| Tolleranza | K12 mm                                                           |

**P036-**
**CAT 42**
**PUNTA FRESA**


HSS - Co 5% DIN 1897

| Art.    | €      | Ø     | Lunghezza totale |
|---------|--------|-------|------------------|
| P036/06 | € 5,00 | 6 mm  | 66 mm            |
| P036/07 | € 7,10 | 7 mm  | 74 mm            |
| P036/08 | € 7,50 | 8 mm  | 79 mm            |
| P036/10 | € 8,30 | 10 mm | 89 mm            |

**P056-**
**PUNTA DA CENTRO**

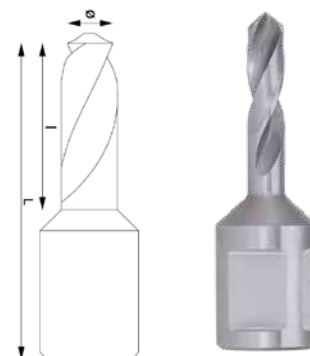

HSS DIN 333 60°

| Art.      | €      | Ø       | Gambo     | Lunghezza |
|-----------|--------|---------|-----------|-----------|
| P056/1    | € 2,06 | 1 mm    | Ø 3 mm    | 30,5 mm   |
| P056/1.6  | € 2,06 | 1,6 mm  | Ø 4 mm    | 35,5 mm   |
| P056/2    | € 3,09 | 2 mm    | Ø 5 mm    | 40 mm     |
| P056/2.5  | € 3,26 | 2,5 mm  | Ø 6,3 mm  | 45 mm     |
| P056/3.15 | € 3,60 | 3,15 mm | Ø 8 mm    | 50 mm     |
| P056/4    | € 6,40 | 4 mm    | Ø 10 mm   | 56 mm     |
| P056/5    | € 8,60 | 5 mm    | Ø 12,5 mm | 63 mm     |

**P037-**
**CAT 42**
**PUNTA FRESA**


HSS TiN

| Art.   | €      | Ø    | Gambo | Lunghezza totale |
|--------|--------|------|-------|------------------|
| P037/6 | € 2,29 | 6 mm | 6 mm  | 90 mm            |
| P037/8 | € 3,42 | 8 mm | 8 mm  | 90 mm            |

**F011-xP**
**CAT 42**
**PUNTE CON ATTACCO WELDON**


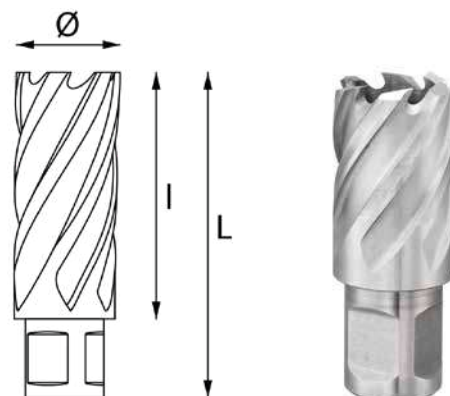
HSS 135°

| Art.      | €       | Ø     | L     | L1    |
|-----------|---------|-------|-------|-------|
| F011/006P | € 24,20 | 6 mm  | 30 mm | 62 mm |
| F011/007P | € 24,20 | 7 mm  | 30 mm | 62 mm |
| F011/008P | € 24,20 | 8 mm  | 30 mm | 62 mm |
| F011/009P | € 26,70 | 9 mm  | 30 mm | 62 mm |
| F011/010P | € 26,70 | 10 mm | 30 mm | 62 mm |
| F011/011P | € 29,20 | 11 mm | 30 mm | 62 mm |

## F011-

## FRESE A CAROTARE CON ATTACCO WELDON

DA 19,05 mm PER TRAPANI MAGNETICI E TRAPANI A COLONNA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 850 N/MM2



HSS

| Art.    | €       | l     | Ø     | L     | Art.    | €       | l     | Ø     | L     | Art.    | €        | l     | Ø     | L     |
|---------|---------|-------|-------|-------|---------|---------|-------|-------|-------|---------|----------|-------|-------|-------|
| F011/12 | € 19,80 | 30 mm | 12 mm | 62 mm | F011/27 | € 42,40 | 30 mm | 27 mm | 62 mm | F011/42 | € 72,00  | 30 mm | 42 mm | 62 mm |
| F011/13 | € 20,60 | 30 mm | 13 mm | 62 mm | F011/28 | € 43,60 | 30 mm | 28 mm | 62 mm | F011/43 | € 73,30  | 30 mm | 43 mm | 62 mm |
| F011/14 | € 23,90 | 30 mm | 14 mm | 62 mm | F011/29 | € 44,90 | 30 mm | 29 mm | 62 mm | F011/44 | € 74,90  | 30 mm | 44 mm | 62 mm |
| F011/15 | € 24,70 | 30 mm | 15 mm | 62 mm | F011/30 | € 46,10 | 30 mm | 30 mm | 62 mm | F011/45 | € 87,90  | 30 mm | 45 mm | 62 mm |
| F011/16 | € 26,40 | 30 mm | 16 mm | 62 mm | F011/31 | € 48,10 | 30 mm | 31 mm | 62 mm | F011/46 | € 89,50  | 30 mm | 46 mm | 62 mm |
| F011/17 | € 27,20 | 30 mm | 17 mm | 62 mm | F011/32 | € 49,40 | 30 mm | 32 mm | 62 mm | F011/47 | € 91,00  | 30 mm | 47 mm | 62 mm |
| F011/18 | € 28,80 | 30 mm | 18 mm | 62 mm | F011/33 | € 50,90 | 30 mm | 33 mm | 62 mm | F011/48 | € 93,40  | 30 mm | 48 mm | 62 mm |
| F011/19 | € 29,60 | 30 mm | 19 mm | 62 mm | F011/34 | € 52,30 | 30 mm | 34 mm | 62 mm | F011/49 | € 95,00  | 30 mm | 49 mm | 62 mm |
| F011/20 | € 30,50 | 30 mm | 20 mm | 62 mm | F011/35 | € 53,50 | 30 mm | 35 mm | 62 mm | F011/50 | € 96,60  | 30 mm | 50 mm | 62 mm |
| F011/21 | € 30,90 | 30 mm | 21 mm | 62 mm | F011/36 | € 55,00 | 30 mm | 36 mm | 62 mm | F011/51 | € 105,00 | 30 mm | 51 mm | 62 mm |
| F011/22 | € 32,10 | 30 mm | 22 mm | 62 mm | F011/37 | € 56,40 | 30 mm | 37 mm | 62 mm | F011/52 | € 107,00 | 30 mm | 52 mm | 62 mm |
| F011/23 | € 32,90 | 30 mm | 23 mm | 62 mm | F011/38 | € 58,30 | 30 mm | 38 mm | 62 mm | F011/53 | € 109,00 | 30 mm | 53 mm | 62 mm |
| F011/24 | € 35,00 | 30 mm | 24 mm | 62 mm | F011/39 | € 60,00 | 30 mm | 39 mm | 62 mm | F011/54 | € 111,00 | 30 mm | 54 mm | 62 mm |
| F011/25 | € 36,30 | 30 mm | 25 mm | 62 mm | F011/40 | € 61,00 | 30 mm | 40 mm | 62 mm | F011/55 | € 115,00 | 30 mm | 55 mm | 62 mm |
| F011/26 | € 41,20 | 30 mm | 26 mm | 62 mm | F011/41 | € 70,40 | 30 mm | 41 mm | 62 mm | F011/60 | € 135,00 | 30 mm | 60 mm | 62 mm |

## F011/6

€ 156,00

## SERIE DI FRESE A CAROTARE CON ATTACCO WELDON

PER TRAPANI MAGNETICI E TRAPANI A COLONNA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 850 N/MM2



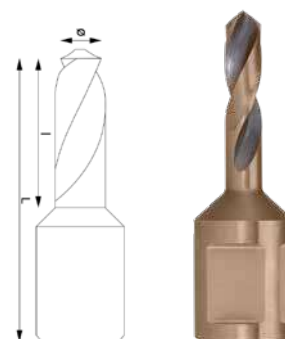
7 Pz HSS

Misure 12 x 62 - 14 x 62 - 16 x 62 - 18 x 62 - 20 x 62 - 22 x 62 mm  
 Attacco Weldon 19,05 mm

## F002-xP

CAT 42

## PUNTE CON ATTACCO WELDON



HSS - Co 5% 135°

| Art.      | €       | Ø     | l     | L        |
|-----------|---------|-------|-------|----------|
| F002/006P | € 22,50 | 6 mm  | 30 mm | 62.50 mm |
| F002/007P | € 22,50 | 7 mm  | 30 mm | 62.50 mm |
| F002/008P | € 22,50 | 8 mm  | 30 mm | 62.50 mm |
| F002/009P | € 22,50 | 9 mm  | 30 mm | 62.50 mm |
| F002/010P | € 22,50 | 10 mm | 30 mm | 62.50 mm |
| F002/011P | € 22,50 | 11 mm | 30 mm | 62.50 mm |

## F002-

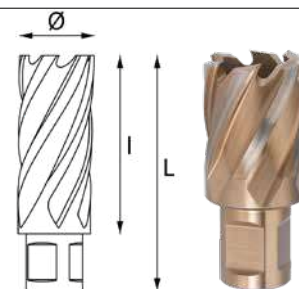
### FRESE A CAROTARE CON ATTACCO WELDON

DA 19,05 mm PER TRAPANI MAGNETICI E TRAPANI A COLONNA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 1200 N/MM2

HSS - Co 5%

| Art.    | €       | Ø     | l     | L     |
|---------|---------|-------|-------|-------|
| F002/12 | € 32,80 | 12 mm | 30 mm | 62 mm |
| F002/13 | € 34,60 | 13 mm | 30 mm | 62 mm |
| F002/14 | € 37,80 | 14 mm | 30 mm | 62 mm |
| F002/15 | € 41,20 | 15 mm | 30 mm | 62 mm |
| F002/16 | € 42,80 | 16 mm | 30 mm | 62 mm |
| F002/17 | € 42,80 | 17 mm | 30 mm | 62 mm |
| F002/18 | € 42,80 | 18 mm | 30 mm | 62 mm |
| F002/19 | € 43,60 | 19 mm | 30 mm | 62 mm |
| F002/20 | € 45,30 | 20 mm | 30 mm | 62 mm |
| F002/21 | € 46,90 | 21 mm | 30 mm | 62 mm |
| F002/22 | € 48,60 | 22 mm | 30 mm | 62 mm |
| F002/23 | € 49,80 | 23 mm | 30 mm | 62 mm |
| F002/24 | € 52,70 | 24 mm | 30 mm | 62 mm |
| F002/25 | € 54,30 | 25 mm | 30 mm | 62 mm |

| Art.    | €        | Ø     | l     | L     |
|---------|----------|-------|-------|-------|
| F002/26 | € 62,50  | 26 mm | 30 mm | 62 mm |
| F002/27 | € 65,10  | 27 mm | 30 mm | 62 mm |
| F002/28 | € 66,70  | 28 mm | 30 mm | 62 mm |
| F002/29 | € 67,50  | 29 mm | 30 mm | 62 mm |
| F002/30 | € 70,00  | 30 mm | 30 mm | 62 mm |
| F002/31 | € 73,30  | 31 mm | 30 mm | 62 mm |
| F002/32 | € 75,80  | 32 mm | 30 mm | 62 mm |
| F002/33 | € 81,50  | 33 mm | 30 mm | 62 mm |
| F002/34 | € 85,50  | 34 mm | 30 mm | 62 mm |
| F002/35 | € 88,70  | 35 mm | 30 mm | 62 mm |
| F002/36 | € 91,80  | 36 mm | 30 mm | 62 mm |
| F002/37 | € 95,80  | 37 mm | 30 mm | 62 mm |
| F002/38 | € 99,00  | 38 mm | 30 mm | 62 mm |
| F002/39 | € 104,00 | 39 mm | 30 mm | 62 mm |

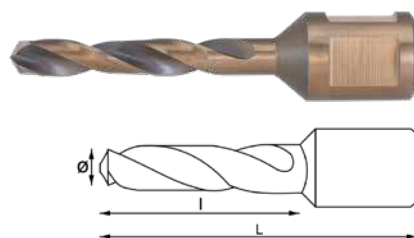


| Art.    | €        | Ø     | l     | L     |
|---------|----------|-------|-------|-------|
| F002/40 | € 107,00 | 40 mm | 30 mm | 62 mm |
| F002/41 | € 111,00 | 41 mm | 30 mm | 62 mm |
| F002/42 | € 116,00 | 42 mm | 30 mm | 62 mm |
| F002/43 | € 119,00 | 43 mm | 30 mm | 62 mm |
| F002/44 | € 125,00 | 44 mm | 30 mm | 62 mm |
| F002/45 | € 133,00 | 45 mm | 30 mm | 62 mm |
| F002/46 | € 135,00 | 46 mm | 30 mm | 62 mm |
| F002/47 | € 138,00 | 47 mm | 30 mm | 62 mm |
| F002/48 | € 141,00 | 48 mm | 30 mm | 62 mm |
| F002/49 | € 145,00 | 49 mm | 30 mm | 62 mm |
| F002/50 | € 148,00 | 50 mm | 30 mm | 62 mm |
| F002/55 | € 173,00 | 55 mm | 30 mm | 62 mm |
| F002/60 | € 267,00 | 60 mm | 30 mm | 62 mm |

## F002-xPL

## CAT 42

### PUNTE LUNGHE CON ATTACCO WELDON



HSS - Co 5% 135°

| Art.       | €       | Ø     | l     | L        |
|------------|---------|-------|-------|----------|
| F002/006PL | € 29,20 | 6 mm  | 55 mm | 86.50 mm |
| F002/007PL | € 29,20 | 7 mm  | 55 mm | 86.50 mm |
| F002/008PL | € 29,20 | 8 mm  | 55 mm | 86.50 mm |
| F002/009PL | € 29,20 | 9 mm  | 55 mm | 86.50 mm |
| F002/010PL | € 29,20 | 10 mm | 55 mm | 86.50 mm |
| F002/011PL | € 29,20 | 11 mm | 55 mm | 86.50 mm |

## F002/P

€ 6,60

### ESPULSORE

PER FRESE A CAROTARE



Dimensioni 6,35 x 77 mm

## F002/PL

€ 8,20

### ESPULSORE

PER FRESE A CAROTARE LUNGHE



Dimensioni 6,35 x 102 mm

## F002-xL

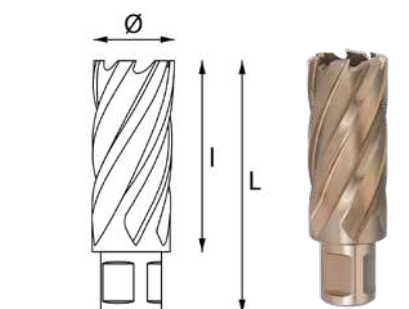
### FRESA A CAROTARE LUNGA CON ATTACCO WELDON

DA 19,05 mm PER TRAPANI MAGNETICI E TRAPANI A COLONNA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 1200 N/MM2

HSS - Co 5%

| Art.     | €       | Ø     | l     | L     |
|----------|---------|-------|-------|-------|
| F002/12L | € 46,10 | 12 mm | 50 mm | 85 mm |
| F002/13L | € 46,90 | 13 mm | 50 mm | 85 mm |
| F002/14L | € 55,20 | 14 mm | 50 mm | 85 mm |
| F002/15L | € 56,00 | 15 mm | 50 mm | 85 mm |
| F002/16L | € 60,10 | 16 mm | 50 mm | 85 mm |
| F002/17L | € 62,50 | 17 mm | 50 mm | 85 mm |
| F002/18L | € 65,10 | 18 mm | 50 mm | 85 mm |
| F002/19L | € 66,70 | 19 mm | 50 mm | 85 mm |
| F002/20L | € 68,30 | 20 mm | 50 mm | 85 mm |
| F002/21L | € 70,00 | 21 mm | 50 mm | 85 mm |
| F002/22L | € 71,60 | 22 mm | 50 mm | 85 mm |
| F002/23L | € 73,30 | 23 mm | 50 mm | 85 mm |
| F002/24L | € 77,40 | 24 mm | 50 mm | 85 mm |
| F002/25L | € 79,00 | 25 mm | 50 mm | 85 mm |

| Art.     | €        | Ø     | l     | L     |
|----------|----------|-------|-------|-------|
| F002/26L | € 91,80  | 26 mm | 50 mm | 85 mm |
| F002/27L | € 93,40  | 27 mm | 50 mm | 85 mm |
| F002/28L | € 95,80  | 28 mm | 50 mm | 85 mm |
| F002/29L | € 97,40  | 29 mm | 50 mm | 85 mm |
| F002/30L | € 99,80  | 30 mm | 50 mm | 85 mm |
| F002/31L | € 105,00 | 31 mm | 50 mm | 85 mm |
| F002/32L | € 108,00 | 32 mm | 50 mm | 85 mm |
| F002/33L | € 109,00 | 33 mm | 50 mm | 85 mm |
| F002/34L | € 112,00 | 34 mm | 50 mm | 85 mm |
| F002/35L | € 114,00 | 35 mm | 50 mm | 85 mm |
| F002/36L | € 118,00 | 36 mm | 50 mm | 85 mm |
| F002/37L | € 119,00 | 37 mm | 50 mm | 85 mm |
| F002/38L | € 123,00 | 38 mm | 50 mm | 85 mm |
| F002/39L | € 126,00 | 39 mm | 50 mm | 85 mm |



| Art.     | €        | Ø     | l     | L     |
|----------|----------|-------|-------|-------|
| F002/40L | € 127,00 | 40 mm | 50 mm | 85 mm |
| F002/41L | € 148,00 | 41 mm | 50 mm | 85 mm |
| F002/42L | € 151,00 | 42 mm | 50 mm | 85 mm |
| F002/43L | € 154,00 | 43 mm | 50 mm | 85 mm |
| F002/44L | € 157,00 | 44 mm | 50 mm | 85 mm |
| F002/45L | € 188,00 | 45 mm | 50 mm | 85 mm |
| F002/46L | € 190,00 | 46 mm | 50 mm | 85 mm |
| F002/47L | € 193,00 | 47 mm | 50 mm | 85 mm |
| F002/48L | € 196,00 | 48 mm | 50 mm | 85 mm |
| F002/49L | € 200,00 | 49 mm | 50 mm | 85 mm |
| F002/50L | € 203,00 | 50 mm | 50 mm | 85 mm |
| F002/55L | € 239,00 | 55 mm | 50 mm | 85 mm |
| F002/60L | € 276,00 | 60 mm | 50 mm | 85 mm |

## F002/6

€ 238,00

## SERIE FRESE A CAROTARE LUNGHE CON ATTACCO WELDON

PER TRAPANI MAGNETICI E TRAPANI A COLONNA, PER LAVORAZIONE DI MATERIALI CON RESISTENZA R= 1200 N/MM2

7 Pz HSS - Co 5%

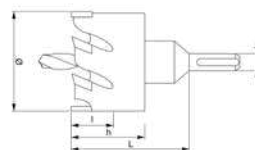
Misure 12 x 62 - 14 x 62 - 16 x 62 - 18 x 62 - 20 x 62 - 22 x 62 mm  
 Attacco Weldon 19,05 mm



## F019-

## FRESE A TAZZA CON INSERTI IN METALLO DURO

CON SCARICO TRUCIOLO LATERALE E PUNTA PILOTA. PER FORARE LAMIERE IN ACCIAIO INOX OD ACCIAI DURI TRATTATI, RESISTENZA R = 1300 N/MM2



| Art.     | €       | Ø     | h     | d     | L     | l    | Filetto    |
|----------|---------|-------|-------|-------|-------|------|------------|
| F019/015 | € 10,50 | 15 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/016 | € 11,30 | 16 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/017 | € 12,00 | 17 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/018 | € 12,80 | 18 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/019 | € 13,50 | 19 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/020 | € 14,30 | 20 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/021 | € 15,00 | 21 mm | 28 mm | 10 mm | 50 mm | 5 mm | -          |
| F019/022 | € 15,80 | 22 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/023 | € 16,50 | 23 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/024 | € 17,30 | 24 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/025 | € 18,00 | 25 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/026 | € 18,80 | 26 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/027 | € 19,50 | 27 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/028 | € 20,30 | 28 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/029 | € 21,00 | 29 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/030 | € 21,80 | 30 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/031 | € 22,50 | 31 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/032 | € 23,30 | 32 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/033 | € 24,00 | 33 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/034 | € 24,80 | 34 mm | 28 mm | 10 mm | 50 mm | 5 mm | M12 x 1,25 |
| F019/035 | € 25,50 | 35 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |
| F019/036 | € 26,30 | 36 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |
| F019/037 | € 27,00 | 37 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |
| F019/038 | € 27,80 | 38 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |
| F019/039 | € 28,50 | 39 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |
| F019/040 | € 29,30 | 40 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |
| F019/041 | € 29,60 | 41 mm | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5  |

| Art.     | €       | Ø      | h     | d     | L     | l    | Filetto   |
|----------|---------|--------|-------|-------|-------|------|-----------|
| F019/042 | € 30,40 | 42 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/043 | € 31,10 | 43 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/044 | € 31,50 | 44 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/045 | € 32,30 | 45 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/046 | € 33,00 | 46 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/047 | € 33,80 | 47 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/048 | € 34,50 | 48 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/049 | € 35,30 | 49 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/050 | € 36,00 | 50 mm  | 28 mm | 10 mm | 50 mm | 5 mm | M14 x 1,5 |
| F019/051 | € 36,80 | 51 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/052 | € 37,50 | 52 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/053 | € 38,30 | 53 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/054 | € 39,00 | 54 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/055 | € 39,80 | 55 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/056 | € 40,50 | 56 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/057 | € 41,30 | 57 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/058 | € 42,00 | 58 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/059 | € 42,80 | 59 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/060 | € 43,50 | 60 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/065 | € 50,30 | 65 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/070 | € 53,30 | 70 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/075 | € 57,00 | 75 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/080 | € 60,80 | 80 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/085 | € 64,50 | 85 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/090 | € 69,00 | 90 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/095 | € 72,80 | 95 mm  | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |
| F019/100 | € 76,50 | 100 mm | 28 mm | 12 mm | 50 mm | 5 mm | M16 x 1,5 |

## F019/006

€ 83,90

## SET FRESE A TAZZA CON INSERTI IN METALLO DURO

CON SCARICO TRUCIOLO LATERALE E PUNTA PILOTA. PER FORARE LAMIERE IN ACCIAIO INOX OD ACCIAI DURI TRATTATI, RESISTENZA R = 1300 N/MM2



6 Pz HM &amp; C45

Misure 16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm  
 Profondità di taglio 5 mm

## F019/008

€ 119,00

## SET FRESE A TAZZA CON INSERTI IN METALLO DURO

CON SCARICO TRUCIOLO LATERALE E PUNTA PILOTA. PER FORARE LAMIERE IN ACCIAIO INOX OD ACCIAI DURI TRATTATI, RESISTENZA R = 1300 N/MM2



8 Pz HM &amp; C45

Misure 16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm, 32 mm, 35 mm  
 Profondità di taglio 5 mm

## F019/005

€ 1,58

## PUNTA PILOTA

HSS



Ø 6 mm  
 L 50 mm

## F019/007

€ 0,20

## MOLLA

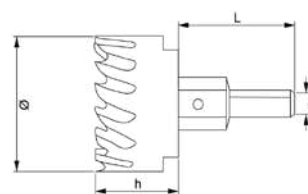


**F015-**
**FRESA A TAZZA**

CON SCARICO TRUCIOLO LATERALE E PUNTA PILOTA. PER FORARE LAMIERE IN ACCIAIO, FERRO, LEGHE LEGGERE, RESISTENZA R = 800 N/MM<sup>2</sup>

HSS

| Art.     | €       | Ø     | h     | d     | L     | Filetto    |
|----------|---------|-------|-------|-------|-------|------------|
| F015/012 | € 8,70  | 12 mm | 23 mm | 8 mm  | 56 mm | M10 x 1,25 |
| F015/013 | € 8,70  | 13 mm | 23 mm | 8 mm  | 56 mm | M10 x 1,25 |
| F015/014 | € 9,10  | 14 mm | 23 mm | 8 mm  | 56 mm | M10 x 1,25 |
| F015/015 | € 9,10  | 15 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/016 | € 9,10  | 16 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/017 | € 9,10  | 17 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/018 | € 9,10  | 18 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/019 | € 9,50  | 19 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/020 | € 9,90  | 20 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/021 | € 10,30 | 21 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/022 | € 10,70 | 22 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/023 | € 11,60 | 23 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/024 | € 11,90 | 24 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/025 | € 12,30 | 25 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/026 | € 13,10 | 26 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/027 | € 13,50 | 27 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/028 | € 13,90 | 28 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/029 | € 14,30 | 29 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/030 | € 14,60 | 30 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/031 | € 15,00 | 31 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/032 | € 15,80 | 32 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/033 | € 15,80 | 33 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/034 | € 16,60 | 34 mm | 23 mm | 10 mm | 56 mm | M12 x 1,25 |
| F015/035 | € 17,40 | 35 mm | 23 mm | 10 mm | 56 mm | M14 x 1,5  |
| F015/036 | € 18,20 | 36 mm | 23 mm | 10 mm | 56 mm | M14 x 1,5  |
| F015/037 | € 18,20 | 37 mm | 23 mm | 10 mm | 56 mm | M14 x 1,5  |
| F015/038 | € 18,60 | 38 mm | 23 mm | 10 mm | 56 mm | M14 x 1,5  |
| F015/039 | € 20,20 | 39 mm | 23 mm | 10 mm | 56 mm | M14 x 1,5  |
| F015/040 | € 20,20 | 40 mm | 23 mm | 10 mm | 56 mm | M14 x 1,5  |



| Art.     | €       | Ø      | h     | d     | L     | Filetto   |
|----------|---------|--------|-------|-------|-------|-----------|
| F015/041 | € 20,60 | 41 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/042 | € 20,60 | 42 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/043 | € 21,40 | 43 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/044 | € 21,80 | 44 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/045 | € 23,00 | 45 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/046 | € 23,00 | 46 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/047 | € 23,40 | 47 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/048 | € 24,90 | 48 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/049 | € 25,30 | 49 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/050 | € 25,30 | 50 mm  | 23 mm | 10 mm | 56 mm | M14 x 1,5 |
| F015/051 | € 30,90 | 51 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/052 | € 30,90 | 52 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/053 | € 31,70 | 53 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/054 | € 33,30 | 54 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/055 | € 33,30 | 55 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/056 | € 34,00 | 56 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/057 | € 34,00 | 57 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/058 | € 35,60 | 58 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/059 | € 37,20 | 59 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/060 | € 37,20 | 60 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/065 | € 47,50 | 65 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/070 | € 50,70 | 70 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/075 | € 54,60 | 75 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/080 | € 60,20 | 80 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/085 | € 68,90 | 85 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/090 | € 76,00 | 90 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/095 | € 82,30 | 95 mm  | 23 mm | 12 mm | 56 mm | M16 x 1,5 |
| F015/100 | € 87,10 | 100 mm | 23 mm | 12 mm | 56 mm | M16 x 1,5 |

**F015/006S**
**€ 83,90**
**SET FRESE A TAZZA IN HSS**

CON SCARICO TRUCIOLO LATERALE E PUNTA PILOTA. PER FORARE LAMIERE IN ACCIAIO, FERRO, LEGHE LEGGERE, RESISTENZA R = 800 N/MM<sup>2</sup>



6 Pz HSS

Misure 16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm

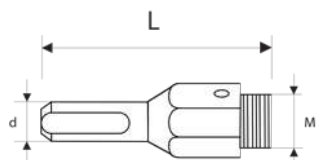
**F015/008S**
**€ 119,00**
**SET FRESE A TAZZA IN HSS**

CON SCARICO TRUCIOLO LATERALE E PUNTA PILOTA. PER FORARE LAMIERE IN ACCIAIO, FERRO, LEGHE LEGGERE, RESISTENZA R = 800 N/MM<sup>2</sup>



8 Pz HSS

Misure 16 mm, 18 mm, 20 mm, 22 mm, 25 mm, 30 mm, 32 mm, 35 mm

**F015-A**
**ALBERO PER FRESE A TAZZA**


HSS

| Art.     | €      | Ø          | d     | L     | Filetto    |
|----------|--------|------------|-------|-------|------------|
| F015/001 | € 2,77 | 12 - 14 mm | 8 mm  | 56 mm | M10 x 1,25 |
| F015/002 | € 2,77 | 15-34 mm   | 10 mm | 56 mm | M12 x 1,25 |
| F015/003 | € 3,96 | 35-50 mm   | 10 mm | 56 mm | M14 x 1,5  |
| F015/004 | € 3,96 | 51-100 mm  | 12 mm | 60 mm | M16 x 1,5  |

**F015/005**
**€ 1,58**
**PUNTA PILOTA**

HSS



Ø 6 mm  
L 50 mm

**F015/007**
**€ 0,20**
**MOLLA**


## 0278-

## SEGA A TAZZA BIMETALLICA A DENTATURA VARIABILE

ADATTA PER IL TAGLIO DI ACCIAI DURI, ACCIAIO INOX, GHISA, ALLUMINIO, BRONZO, OTTONE, RAME, FIBRA DI VETRO, LAMINATI PLASTICI, LEGNO

 HSS - Co 8% M42

| Art.     | €      | Ø     | Ø inch | Art.     | €       | Ø     | Ø inch  | Art.     | €       | Ø     | Ø inch  | Art.     | €       | Ø      | Ø inch |
|----------|--------|-------|--------|----------|---------|-------|---------|----------|---------|-------|---------|----------|---------|--------|--------|
| 0278/014 | € 4,50 | 14 mm | 9/16   | 0278/033 | € 7,20  | 33 mm | 1-5/16  | 0278/057 | € 10,70 | 57 mm | 2-1/4   | 0278/089 | € 17,20 | 89 mm  | 3-1/2  |
| 0278/016 | € 4,50 | 16 mm | 5/8    | 0278/035 | € 7,60  | 35 mm | 1-3/8   | 0278/059 | € 11,00 | 59 mm | 2-5/16  | 0278/092 | € 17,60 | 92 mm  | 3-5/8  |
| 0278/017 | € 4,50 | 17 mm | 11/16  | 0278/037 | € 8,00  | 37 mm | 1-7/16  | 0278/060 | € 11,00 | 60 mm | 2-3/8   | 0278/095 | € 18,30 | 95 mm  | 3-3/4  |
| 0278/019 | € 4,80 | 19 mm | 3/4    | 0278/038 | € 8,00  | 38 mm | 1-1/2   | 0278/064 | € 11,90 | 64 mm | 2-1/2   | 0278/098 | € 18,30 | 98 mm  | 3-7/8  |
| 0278/020 | € 4,80 | 20 mm | 25/32  | 0278/040 | € 8,20  | 40 mm | 1-9/16  | 0278/065 | € 11,90 | 65 mm | 2-9/16  | 0278/102 | € 18,40 | 102 mm | 4      |
| 0278/021 | € 5,10 | 21 mm | 13/16  | 0278/041 | € 8,30  | 41 mm | 1-5/8   | 0278/067 | € 12,80 | 67 mm | 2-5/8   | 0278/105 | € 18,80 | 105 mm | 4-1/8  |
| 0278/022 | € 5,10 | 22 mm | 7/8    | 0278/043 | € 8,30  | 43 mm | 1-11/16 | 0278/068 | € 12,80 | 68 mm | 2-11/16 | 0278/108 | € 19,40 | 108 mm | 4-1/4  |
| 0278/024 | € 5,40 | 24 mm | 15/16  | 0278/044 | € 9,10  | 44 mm | 1-3/4   | 0278/070 | € 12,80 | 70 mm | 2-3/4   | 0278/111 | € 20,00 | 111 mm | 4-3/8  |
| 0278/025 | € 5,40 | 25 mm | 1      | 0278/046 | € 9,10  | 46 mm | 1-13/16 | 0278/073 | € 14,10 | 73 mm | 2-7/8   | 0278/114 | € 20,90 | 114 mm | 4-1/2  |
| 0278/027 | € 5,90 | 27 mm | 1-1/16 | 0278/048 | € 9,30  | 48 mm | 1-7/8   | 0278/076 | € 14,10 | 76 mm | 3       | 0278/121 | € 21,80 | 121 mm | 4-3/4  |
| 0278/029 | € 5,90 | 29 mm | 1-1/8  | 0278/051 | € 9,60  | 51 mm | 2       | 0278/079 | € 14,90 | 79 mm | 3-1/8   | 0278/127 | € 23,60 | 127 mm | 5      |
| 0278/030 | € 7,00 | 30 mm | 1-3/16 | 0278/052 | € 10,70 | 52 mm | 2-1/16  | 0278/083 | € 15,80 | 83 mm | 3-1/4   | 0278/140 | € 31,80 | 140 mm | 5-1/2  |
| 0278/032 | € 7,00 | 32 mm | 1-1/4  | 0278/054 | € 10,70 | 54 mm | 2-1/8   | 0278/085 | € 15,80 | 85 mm | 3-3/8   | 0278/152 | € 37,10 | 152 mm | 6      |



## 0278/002S

€ 80,80

## ASSORTIMENTO IN VALIGETTA

KIT ELETTRICISTA



 9 Pz  HSS - Co 8% M42

|                                          |            |
|------------------------------------------|------------|
| Tazze                                    | 22 - 29 mm |
| Alberi, punte, adattatore corrispondenti | 0712/600   |
| Tazze                                    | 35 - 44 mm |
| Alberi, punte, adattatore corrispondenti | 0712/800   |
| Tazze                                    | 51 - 64 mm |
| Alberi, punte, adattatore corrispondenti | 0712/900   |

## 0278/005S

€ 53,00

## ASSORTIMENTO IN VALIGETTA

KIT RIPARATORE



 7 Pz  HSS - Co 8% M42

|                                          |                 |
|------------------------------------------|-----------------|
| Tazze                                    | 22 - 25 - 29 mm |
| Alberi, punte, adattatore corrispondenti | 0712/600        |
| Tazze                                    | 32 - 38 mm      |
| Alberi, punte, adattatore corrispondenti | 0712/900        |

## 0278/008S

€ 76,80

## ASSORTIMENTO IN VALIGETTA

KIT IDRAULICO



 9 Pz  HSS - Co 8% M42

|                                          |                     |
|------------------------------------------|---------------------|
| Tazze                                    | 19 - 22 - 29 mm     |
| Alberi, punte, adattatore corrispondenti | 0712/600            |
| Tazze                                    | 38 - 44 - 57 mm     |
| Alberi, punte, adattatore corrispondenti | 0712/800 - 0712/900 |

## 0278/009S

€ 91,00

## ASSORTIMENTO IN VALIGETTA

KIT INSTALLATORE



 13 Pz  HSS - Co 8% M42

|                                          |                                |
|------------------------------------------|--------------------------------|
| Tazze                                    | 19 - 22 - 29 mm                |
| Alberi, punte, adattatore corrispondenti | 0712/600 - 0712/900 - 0712/300 |
| Tazze                                    | 35 - 38 - 44 - 51 - 57 - 64 mm |
| Alberi, punte, adattatore corrispondenti | 0712/800                       |

**0712-**
**SEGA A TAZZA BIMETALLICA HSS M3 PASSO VARIABILE**

ADATTA PER IL TAGLIO DI ACCIAI DURI, ACCIAIO INOX, GHISA, ALLUMINIO, BRONZO, OTTONE, RAME, FIBRA DI VETRO, LAMINATI PLASTICI

**HSS M3**

| Art.     | €      | Ø     | Ø inch |
|----------|--------|-------|--------|
| 0712/014 | € 4,13 | 14 mm | 9/16   |
| 0712/016 | € 4,13 | 16 mm | 5/8    |
| 0712/017 | € 4,13 | 17 mm | 11/16  |
| 0712/019 | € 4,13 | 19 mm | 3/4    |
| 0712/020 | € 4,13 | 20 mm | 25/32  |
| 0712/021 | € 4,13 | 21 mm | 13/16  |
| 0712/022 | € 5,90 | 22 mm | 7/8    |
| 0712/024 | € 5,90 | 24 mm | 15/16  |
| 0712/025 | € 5,90 | 25 mm | 1      |
| 0712/027 | € 5,90 | 27 mm | 1-1/16 |
| 0712/029 | € 5,90 | 29 mm | 1-1/8  |
| 0712/030 | € 6,00 | 30 mm | 1-3/16 |
| 0712/032 | € 6,00 | 32 mm | 1-1/4  |

| Art.     | €      | Ø     | Ø inch  |
|----------|--------|-------|---------|
| 0712/033 | € 6,00 | 33 mm | 1-5/16  |
| 0712/035 | € 7,70 | 35 mm | 1-3/8   |
| 0712/037 | € 7,70 | 37 mm | 1-7/16  |
| 0712/038 | € 7,70 | 38 mm | 1-1/2   |
| 0712/040 | € 7,70 | 40 mm | 1-9/16  |
| 0712/041 | € 7,70 | 41 mm | 1-5/8   |
| 0712/043 | € 7,70 | 43 mm | 1-11/16 |
| 0712/044 | € 7,70 | 44 mm | 1-3/4   |
| 0712/046 | € 7,70 | 46 mm | 1-13/16 |
| 0712/048 | € 7,70 | 48 mm | 1-7/8   |
| 0712/051 | € 7,70 | 51 mm | 2       |
| 0712/052 | € 9,00 | 52 mm | 2-1/16  |
| 0712/054 | € 9,00 | 54 mm | 2-1/8   |

| Art.     | €       | Ø     | Ø inch  |
|----------|---------|-------|---------|
| 0712/057 | € 9,00  | 57 mm | 2-1/4   |
| 0712/059 | € 9,00  | 59 mm | 2-5/16  |
| 0712/060 | € 9,00  | 60 mm | 2-3/8   |
| 0712/064 | € 10,10 | 64 mm | 2-1/2   |
| 0712/065 | € 10,10 | 65 mm | 2-9/16  |
| 0712/067 | € 10,10 | 67 mm | 2-5/8   |
| 0712/068 | € 10,10 | 68 mm | 2-11/16 |
| 0712/070 | € 10,10 | 70 mm | 2-3/4   |
| 0712/073 | € 11,80 | 73 mm | 2-7/8   |
| 0712/076 | € 11,80 | 76 mm | 3       |
| 0712/079 | € 11,80 | 79 mm | 3-1/8   |
| 0712/083 | € 13,10 | 83 mm | 3-1/4   |
| 0712/085 | € 13,10 | 85 mm | 3-3/8   |

| Art.     | €       | Ø      | Ø inch |
|----------|---------|--------|--------|
| 0712/089 | € 13,10 | 89 mm  | 3-1/2  |
| 0712/092 | € 13,10 | 92 mm  | 3-5/8  |
| 0712/095 | € 14,60 | 95 mm  | 3-3/4  |
| 0712/098 | € 14,60 | 98 mm  | 3-7/8  |
| 0712/102 | € 15,60 | 102 mm | 4      |
| 0712/105 | € 17,00 | 105 mm | 4-1/8  |
| 0712/108 | € 20,90 | 108 mm | 4-1/4  |
| 0712/111 | € 25,90 | 111 mm | 4-3/8  |
| 0712/114 | € 25,90 | 114 mm | 4-1/2  |
| 0712/121 | € 25,90 | 121 mm | 4-3/4  |
| 0712/127 | € 25,90 | 127 mm | 5      |
| 0712/140 | € 30,00 | 140 mm | 5-1/2  |
| 0712/152 | € 30,00 | 152 mm | 6      |


**0712/002**
**€ 73,20**
**ASSORTIMENTO IN VALIGETTA**
**KIT ELETTRICISTA**

**9 Pz HSS M3**

|                                          |            |
|------------------------------------------|------------|
| Tazze                                    | 22 - 29 mm |
| Alberi, punte, adattatore corrispondenti | 0712/600   |
| Tazze                                    | 35 - 44 mm |
| Alberi, punte, adattatore corrispondenti | 0712/800   |
| Tazze                                    | 51 - 64 mm |
| Alberi, punte, adattatore corrispondenti | 0712/900   |

**0712/005**
**€ 47,90**
**ASSORTIMENTO IN VALIGETTA**
**KIT RIPARATORE**

**7 Pz HSS M3**

|                                          |                 |
|------------------------------------------|-----------------|
| Tazze                                    | 22 - 25 - 29 mm |
| Alberi, punte, adattatore corrispondenti | 0712/600        |
| Tazze                                    | 32 - 38 mm      |
| Alberi, punte, adattatore corrispondenti | 0712/900        |

**0712/008**
**€ 73,20**
**ASSORTIMENTO IN VALIGETTA**
**KIT IDRAULICO**

**9 Pz HSS M3**

|                                          |                     |
|------------------------------------------|---------------------|
| Tazze                                    | 19 - 22 - 29 mm     |
| Alberi, punte, adattatore corrispondenti | 0712/600            |
| Tazze                                    | 38 - 44 - 57 mm     |
| Alberi, punte, adattatore corrispondenti | 0712/800 - 0712/900 |

**0712/009**
**€ 83,10**
**ASSORTIMENTO IN VALIGETTA**
**KIT INSTALLATORE**

**13 Pz HSS M3**

|                                          |                                |
|------------------------------------------|--------------------------------|
| Tazze                                    | 19 - 22 - 29 mm                |
| Alberi, punte, adattatore corrispondenti | 0712/600 - 0712/900 - 0712/300 |
| Tazze                                    | 35 - 38 - 44 - 51 - 57 - 64 mm |
| Alberi, punte, adattatore corrispondenti | 0712/800                       |

## 0712/010

€ 157,00

## ASSORTIMENTO IN VALIGETTA

KIT INDUSTRIA



21 Pz HSS M3

|                                          |                                                                |
|------------------------------------------|----------------------------------------------------------------|
| Tazze                                    | 19 - 22 - 29 mm                                                |
| Tazze                                    | 35 - 38 - 44 - 51 - 57 - 64 - 76 - 83 - 92 - 95 - 105 - 114 mm |
| Alberi, punte, adattatore corrispondenti | 0712/600 - 0712/900 - 0712/300                                 |
| Alberi, punte, adattatore corrispondenti | 0712/600 - 0712/900 - 0712/300                                 |
| Prolunga                                 | 300 mm                                                         |

## 0712/900

€ 3,34

## ADATTATORE PER SEGHE A TAZZA

Riduzione  
Per alberi1/2" - 5/8"  
0712/600 - 0712/700

## 0712-x00

## PUNTA PER ALBERI

INTERCAMBIABILE CON TUTTE LE MARCHE

HSS



| Art.     | €      | Gambo     | Per alberi     | Lunghezza |
|----------|--------|-----------|----------------|-----------|
| 0712/300 | € 3,34 | Ø 6,35 mm | 0712/600       | 105 mm    |
| 0712/200 | € 3,34 | Ø 6,35 mm | 0712/700 - 800 | 75 mm     |

## 0712-x0

## ALBERO COMPLETO DI PUNTA

INTERCAMBIABILE CON TUTTE LE MARCHE



| Art.     | €       | Gambo     | Tazze       | Filetto |
|----------|---------|-----------|-------------|---------|
| 0712/600 | € 6,00  | Ø 6,35 mm | Ø 14÷30 mm  | 1/2"    |
| 0712/700 | € 6,70  | Ø 9,5 mm  | Ø 14÷30 mm  | 1/2"    |
| 0712/800 | € 10,70 | Ø 11 mm   | Ø 32÷152 mm | 5/8"    |



**P049-**
**PUNTA PER MURO**

CONFEZIONI DA 10\* PEZZI FINO AL Ø 12 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 13 MM

HM & C45 DIN 8039

| Art.    | €      | Ø     | Lunghezza totale | Lunghezza elica | Gambo    |
|---------|--------|-------|------------------|-----------------|----------|
| P049/03 | € 0,33 | 3 mm  | 70 mm            | 40 mm           | Ø 2,5 mm |
| P049/04 | € 0,35 | 4 mm  | 75 mm            | 40 mm           | Ø 3,5 mm |
| P049/05 | € 0,38 | 5 mm  | 85 mm            | 40 mm           | Ø 4,5 mm |
| P049/06 | € 0,43 | 6 mm  | 100 mm           | 55 mm           | Ø 4,5 mm |
| P049/07 | € 0,62 | 7 mm  | 100 mm           | 55 mm           | Ø 6,5 mm |
| P049/08 | € 0,67 | 8 mm  | 120 mm           | 70 mm           | Ø 6,5 mm |
| P049/09 | € 0,79 | 9 mm  | 120 mm           | 70 mm           | Ø 6,5 mm |
| P049/10 | € 0,89 | 10 mm | 120 mm           | 70 mm           | Ø 7 mm   |
| P049/11 | € 1,50 | 11 mm | 150 mm           | 90 mm           | Ø 7 mm   |



| Art.    | €      | Ø     | Lunghezza totale | Lunghezza elica | Gambo   |
|---------|--------|-------|------------------|-----------------|---------|
| P049/12 | € 1,52 | 12 mm | 150 mm           | 90 mm           | Ø 9 mm  |
| P049/13 | € 1,71 | 13 mm | 150 mm           | 90 mm           | Ø 9 mm  |
| P049/14 | € 1,93 | 14 mm | 150 mm           | 90 mm           | Ø 11 mm |
| P049/15 | € 2,50 | 15 mm | 150 mm           | 90 mm           | Ø 12 mm |
| P049/16 | € 2,53 | 16 mm | 150 mm           | 90 mm           | Ø 12 mm |
| P049/18 | € 4,58 | 18 mm | 160 mm           | 100 mm          | Ø 13 mm |
| P049/22 | € 6,50 | 22 mm | 160 mm           | 100 mm          | Ø 13 mm |
| P049/24 | € 7,70 | 24 mm | 160 mm           | 100 mm          | Ø 13 mm |

**P050-**
**PUNTA PER MURO**

CONFEZIONI DA 5\* PEZZI

HM & C45 DIN 8039

| Art.    | €      | Ø     | Lunghezza totale | Lunghezza elica | Gambo    |
|---------|--------|-------|------------------|-----------------|----------|
| P050/06 | € 1,62 | 6 mm  | 400 mm           | 240 mm          | Ø 4,5 mm |
| P050/08 | € 1,88 | 8 mm  | 400 mm           | 240 mm          | Ø 7 mm   |
| P050/09 | € 2,30 | 9 mm  | 400 mm           | 240 mm          | Ø 7 mm   |
| P050/10 | € 2,75 | 10 mm | 400 mm           | 240 mm          | Ø 7 mm   |
| P050/12 | € 3,83 | 12 mm | 400 mm           | 240 mm          | Ø 9 mm   |



| Art.    | €      | Ø     | Lunghezza totale | Lunghezza elica | Gambo     |
|---------|--------|-------|------------------|-----------------|-----------|
| P050/14 | € 4,65 | 14 mm | 400 mm           | 240 mm          | Ø 10 mm   |
| P050/16 | € 5,20 | 16 mm | 400 mm           | 240 mm          | Ø 12 mm   |
| P050/18 | € 6,30 | 18 mm | 400 mm           | 240 mm          | Ø 12,5 mm |
| P050/20 | € 8,00 | 20 mm | 400 mm           | 240 mm          | Ø 12,5 mm |

**P051-**
**PUNTA PER MURO**

CONFEZIONI DA 10\* PEZZI FINO AL Ø 7 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 8 MM

HM & C45 DIN 8039 135°

| Art.    | €      | Ø    | Lunghezza totale | Lunghezza elica | Gambo    |
|---------|--------|------|------------------|-----------------|----------|
| P051/03 | € 2,22 | 3 mm | 70 mm            | 40 mm           | Ø 2,5 mm |
| P051/04 | € 2,25 | 4 mm | 75 mm            | 40 mm           | Ø 3,5 mm |
| P051/05 | € 2,51 | 5 mm | 85 mm            | 40 mm           | Ø 4,5 mm |
| P051/06 | € 2,75 | 6 mm | 100 mm           | 55 mm           | Ø 5,5 mm |
| P051/07 | € 2,75 | 7 mm | 100 mm           | 55 mm           | Ø 5,5 mm |
| P051/08 | € 3,08 | 8 mm | 120 mm           | 70 mm           | Ø 6,5 mm |



| Art.    | €      | Ø     | Lunghezza totale | Lunghezza elica | Gambo   |
|---------|--------|-------|------------------|-----------------|---------|
| P051/09 | € 3,29 | 9 mm  | 120 mm           | 70 mm           | Ø 8 mm  |
| P051/10 | € 3,83 | 10 mm | 120 mm           | 70 mm           | Ø 9 mm  |
| P051/12 | € 4,43 | 12 mm | 150 mm           | 90 mm           | Ø 10 mm |
| P051/14 | € 5,70 | 14 mm | 150 mm           | 90 mm           | Ø 12 mm |
| P051/16 | € 6,40 | 16 mm | 150 mm           | 90 mm           | Ø 12 mm |

**P063-**
**PUNTA PER MURO**

CON INSERTO IN METALLO DURO CON ATTACCO SCANALATO SDS PLUS

CONFEZIONI DA 10\* PEZZI FINO AL Ø 16 MM,  
CONFEZIONI DA 5\* PEZZI DAL Ø 18 MM

| Art.      | €      | Misura     |
|-----------|--------|------------|
| P063/5110 | € 2,57 | 5 x 110 mm |
| P063/6110 | € 2,57 | 6 x 110 mm |
| P063/6160 | € 2,57 | 6 x 160 mm |
| P063/8110 | € 2,57 | 8 x 110 mm |
| P063/8160 | € 2,57 | 8 x 160 mm |
| P063/9160 | € 2,57 | 9 x 160 mm |

| Art.       | €      | Misura      |
|------------|--------|-------------|
| P063/10160 | € 3,09 | 10 x 160 mm |
| P063/12160 | € 3,09 | 12 x 160 mm |
| P063/12300 | € 3,60 | 12 x 300 mm |
| P063/14160 | € 3,60 | 14 x 160 mm |
| P063/14300 | € 3,60 | 14 x 300 mm |
| P063/15160 | € 4,13 | 15 x 160 mm |



| Art.       | €      | Misura      |
|------------|--------|-------------|
| P063/16160 | € 4,13 | 16 x 160 mm |
| P063/16300 | € 4,13 | 16 x 300 mm |
| P063/16450 | € 7,70 | 16 x 450 mm |
| P063/18160 | € 5,70 | 18 x 160 mm |
| P063/18300 | € 5,70 | 18 x 300 mm |
| P063/18450 | € 8,40 | 18 x 450 mm |

| Art.       | €       | Misura      |
|------------|---------|-------------|
| P063/20160 | € 5,70  | 20 x 160 mm |
| P063/20450 | € 8,40  | 20 x 450 mm |
| P063/22450 | € 10,00 | 22 x 450 mm |
| P063/24450 | € 11,30 | 24 x 450 mm |

0332

€ 27,50

**SERIE PUNTE CON INSERTO IN METALLO DURO E SCALPELLI PER MURO**

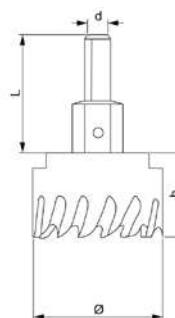
CON ATTACCO SDS PLUS 9 PUNTE 4 X 110 mm 5 X 110 mm 6 X 110 mm 5 X 160 mm  
6 X 160 mm 8 X 160 mm 9 X 160 mm 10 X 160 mm 12 X 160 mm 1 PORTAINSERI 1  
SCALPELLO PIATTO 1 SCALPELLO A PUNTA



12 Pz Blister

P076-

CAT 42

**FRESA A TAZZA PER EDILIZIA CON TAGLIENTI IN METALLO DURO**

HSS - HM

| Art.     | €       | Ø     | h     | d     | Filetto    | Z | L     | Punta      |
|----------|---------|-------|-------|-------|------------|---|-------|------------|
| P076/016 | € 11,70 | 16 mm | 38 mm | 10 mm | M12 x 1.25 | 2 | 46 mm | Ø6 x 69 mm |
| P076/022 | € 12,50 | 22 mm | 38 mm | 10 mm | M12 x 1.25 | 3 | 46 mm | Ø6 x 69 mm |
| P076/025 | € 15,80 | 25 mm | 38 mm | 10 mm | M12 x 1.25 | 3 | 46 mm | Ø6 x 69 mm |
| P076/027 | € 16,70 | 27 mm | 38 mm | 10 mm | M12 x 1.25 | 4 | 46 mm | Ø6 x 69 mm |
| P076/030 | € 17,50 | 30 mm | 38 mm | 10 mm | M12 x 1.25 | 4 | 46 mm | Ø6 x 69 mm |
| P076/035 | € 17,90 | 35 mm | 38 mm | 10 mm | M12 x 1.25 | 4 | 46 mm | Ø6 x 69 mm |
| P076/038 | € 20,00 | 38 mm | 38 mm | 10 mm | M12 x 1.25 | 4 | 46 mm | Ø6 x 69 mm |
| P076/040 | € 22,10 | 40 mm | 38 mm | 10 mm | M12 x 1.25 | 5 | 46 mm | Ø6 x 69 mm |
| P076/045 | € 23,80 | 45 mm | 38 mm | 10 mm | M12 x 1.25 | 5 | 46 mm | Ø6 x 69 mm |
| P076/050 | € 25,00 | 50 mm | 38 mm | 10 mm | M12 x 1.25 | 6 | 46 mm | Ø6 x 69 mm |
| P076/055 | € 28,30 | 55 mm | 38 mm | 12 mm | M16 x 1.5  | 6 | 46 mm | Ø8 x 69 mm |

| Art.     | €        | Ø      | h     | d     | Filetto   | Z  | L     | Punta      |
|----------|----------|--------|-------|-------|-----------|----|-------|------------|
| P076/060 | € 30,00  | 60 mm  | 38 mm | 12 mm | M16 x 1.5 | 7  | 46 mm | Ø8 x 69 mm |
| P076/065 | € 33,30  | 65 mm  | 38 mm | 12 mm | M16 x 1.5 | 7  | 46 mm | Ø8 x 69 mm |
| P076/070 | € 41,70  | 70 mm  | 38 mm | 12 mm | M16 x 1.5 | 8  | 46 mm | Ø8 x 69 mm |
| P076/080 | € 47,50  | 80 mm  | 38 mm | 12 mm | M16 x 1.5 | 8  | 46 mm | Ø8 x 69 mm |
| P076/085 | € 53,80  | 85 mm  | 38 mm | 12 mm | M16 x 1.5 | 9  | 46 mm | Ø8 x 69 mm |
| P076/090 | € 62,50  | 90 mm  | 38 mm | 12 mm | M16 x 1.5 | 9  | 46 mm | Ø8 x 69 mm |
| P076/095 | € 63,30  | 95 mm  | 38 mm | 12 mm | M16 x 1.5 | 10 | 46 mm | Ø8 x 69 mm |
| P076/100 | € 67,90  | 100 mm | 38 mm | 12 mm | M16 x 1.5 | 11 | 46 mm | Ø8 x 69 mm |
| P076/110 | € 80,00  | 110 mm | 38 mm | 12 mm | M16 x 1.5 | 11 | 46 mm | Ø8 x 69 mm |
| P076/125 | € 88,30  | 125 mm | 38 mm | 12 mm | M16 x 1.5 | 12 | 46 mm | Ø8 x 69 mm |
| P076/150 | € 113,00 | 150 mm | 38 mm | 12 mm | M16 x 1.5 | 15 | 46 mm | Ø8 x 69 mm |

P076/G12

CAT 42

**GAMBO PER FRESE A TAZZA PER EDILIZIA**

| Art.     | €      | d     | L     | Filetto    | Misure |
|----------|--------|-------|-------|------------|--------|
| P076/G12 | € 2,92 | 10 mm | 46 mm | M12 x 1.25 | 16-50  |
| P076/G16 | € 3,91 | 12 mm | 46 mm | M16 x 1.5  | 55-150 |

P076/G12400

CAT 42

**GAMBO LUNGO PER FRESE A TAZZA PER EDILIZIA**

| Art.        | €       | d     | L      | Filetto    | Misure |
|-------------|---------|-------|--------|------------|--------|
| P076/G12400 | € 16,70 | 10 mm | 400 mm | M12 x 1.25 | 16-50  |
| P076/G16400 | € 24,60 | 12 mm | 400 mm | M16 x 1.5  | 55-150 |

P076/P12

CAT 42

**PUNTA PILOTA PER FRESE A TAZZA PER EDILIZIA**

| Art.     | €      | Ø    | Lunghezza totale | Misure |
|----------|--------|------|------------------|--------|
| P076/P12 | € 1,25 | 6 mm | 69 mm            | 16-50  |
| P076/P16 | € 1,67 | 8 mm | 69 mm            | 55-150 |

**P076/006S**
**CAT 42 € 112,00**
**SERIE DI FRESE A TAZZA PER  
EDILIZIA**


6 HSS - HM

Misure 16 mm - 22 mm - 25 mm - 27 mm - 30 mm - 35 mm

**P076/008S**
**CAT 42 € 165,00**
**SERIE DI FRESE A TAZZA PER  
EDILIZIA**


8 HSS - HM

Misure 16 mm - 22 mm - 25 mm - 27 mm - 30 mm - 35 mm - 40 mm - 45 mm

**P031-**
**CAT 42**
**PUNTE A TAZZA DIAMANTATE A CORONA CONTINUA**

PER MATERIALI DURI COME GRANITO, GRES PORCELLANATO, MARMO ECC. PERFORAZIONE CON ACQUA, ROTAZIONE ALTERNATA IN SENSO ORARIO E ANTIORARIO

| Art.    | €       | Misura | Attacco esagonale | Lunghezza totale | Altezza diamante | Grana |
|---------|---------|--------|-------------------|------------------|------------------|-------|
| P031/05 | € 12,50 | ø5 mm  | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |
| P031/06 | € 12,90 | ø6 mm  | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |
| P031/07 | € 13,80 | ø7 mm  | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |
| P031/08 | € 14,60 | ø8 mm  | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |
| P031/10 | € 16,70 | ø10 mm | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |
| P031/12 | € 17,50 | ø12 mm | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |
| P031/14 | € 20,00 | ø14 mm | 9.5 mm            | 56 mm            | 2 mm             | 50/60 |


**P031-xL**
**CAT 42**
**PUNTE A TAZZA DIAMANTATE A CORONA CONTINUA**

PER MATERIALI DURI COME GRANITO, GRES PORCELLANATO, MARMO ECC. PERFORAZIONE CON ACQUA, ROTAZIONE ALTERNATA IN SENSO ORARIO E ANTIORARIO

| Art.    | €        | Misura | Attacco esagonale | Lunghezza totale | Altezza di taglio | Grana |
|---------|----------|--------|-------------------|------------------|-------------------|-------|
| P031/16 | € 24,20  | ø16 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/18 | € 25,00  | ø18 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/20 | € 28,30  | ø20 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/22 | € 30,80  | ø22 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/25 | € 35,00  | ø25 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/28 | € 37,50  | ø28 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/30 | € 41,70  | ø30 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/32 | € 45,00  | ø32 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/35 | € 48,30  | ø35 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/40 | € 55,00  | ø40 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/45 | € 61,70  | ø45 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/50 | € 69,20  | ø50 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/60 | € 85,80  | ø60 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/65 | € 93,30  | ø65 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/67 | € 101,00 | ø67 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/70 | € 110,00 | ø70 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |
| P031/80 | € 127,00 | ø80 mm | 12.5 mm           | 90 mm            | 5 mm              | 35/40 |


**P031/06P**
**CAT 42 € 2,29**
**PUNTA PILOTA**


|           |        |
|-----------|--------|
| Diametro  | ø 6 mm |
| Lunghezza | 100 mm |
| Gambo     | ø 5 mm |

**P031/03S**
**CAT 42 € 41,70**
**SERIE PUNTE E TAZZE  
DIAMANTATE A CORONA  
CONTINUA**

PER MATERIALI DURI COME GRANITO, GRES PORCELLANATO, MARMO ECC. PERFORAZIONE CON ACQUA, ROTAZIONE ALTERNATA IN SENSO ORARIO E ANTIORARIO

3



|                   |                     |
|-------------------|---------------------|
| Misure            | 6 mm - 8 mm - 10 mm |
| Attacco esagonale | 9.5 mm              |
| Lunghezza totale  | 56 mm               |
| Altezza diamante  | 2 mm                |
| Grana             | 50/60               |

## P031/05S

CAT 42 € 66,70

**SERIE PUNTE E TAZZE  
DIAMANTATE A CORONA  
CONTINUA**

PER MATERIALI DURI COME GRANITO,  
GRES PORCELLANATO, MARMO ECC.  
PERFORAZIONE CON ACQUA, ROTAZIONE  
ALTERNATA IN SENSO ORARIO E  
ANTIORARIO



| Misure            | 5 mm - 6 mm - 8 mm - 10 mm |
|-------------------|----------------------------|
| Attacco esagonale | 9.5 mm                     |
| Lunghezza totale  | 56 mm                      |
| Altezza diamante  | 2 mm                       |
| Grana             | 50/60                      |

## P031/06S

CAT 42 € 200,00

**SERIE PUNTE E TAZZE  
DIAMANTATE A CORONA  
CONTINUA**

PER MATERIALI DURI COME GRANITO,  
GRES PORCELLANATO, MARMO ECC.  
PERFORAZIONE CON ACQUA, ROTAZIONE  
ALTERNATA IN SENSO ORARIO E  
ANTIORARIO



| Misure            | 16 mm - 22 mm - 25 mm - 28 mm - 30 mm - 35 mm |
|-------------------|-----------------------------------------------|
| Attacco esagonale | 9.5 mm                                        |
| Lunghezza totale  | 56 mm                                         |
| Altezza diamante  | 2 mm                                          |
| Grana             | 50/60                                         |

## P033-

CAT 42

**PUNTE DIAMANTATE A CORONA CONTINUA**

PER IL TAGLIO A SECCO DI MATERIALI DURI COME GRANITO, GRES PORCELLANATO, MARMO ECC. PERFORAZIONE A SECCO E AD UMIDO, CON CERA DI RAFFREDDAMENTO NATURALE FINO A 14 mm.

| Art.    | €       | Misura | Attacco esagonale | Lunghezza totale | Altezza diamante |
|---------|---------|--------|-------------------|------------------|------------------|
| P033/05 | € 20,80 | 5 mm   | 9.5 mm            | 80 mm            | 10 mm            |
| P033/06 | € 20,80 | 6 mm   | 9.5 mm            | 80 mm            | 10 mm            |
| P033/08 | € 20,80 | 8 mm   | 9.5 mm            | 80 mm            | 10 mm            |
| P033/10 | € 22,50 | 10 mm  | 9.5 mm            | 80 mm            | 10 mm            |
| P033/12 | € 25,00 | 12 mm  | 9.5 mm            | 80 mm            | 10 mm            |
| P033/14 | € 26,70 | 14 mm  | 12.5 mm           | 80 mm            | 10 mm            |
| P033/16 | € 30,80 | 16 mm  | 12.5 mm           | 80 mm            | 10 mm            |
| P033/18 | € 35,00 | 18 mm  | 12.5 mm           | 80 mm            | 10 mm            |
| P033/20 | € 39,20 | 20 mm  | 12.5 mm           | 80 mm            | 10 mm            |
| P033/22 | € 42,50 | 22 mm  | 12.5 mm           | 80 mm            | 10 mm            |
| P033/25 | € 48,30 | 25 mm  | 12.5 mm           | 80 mm            | 10 mm            |



## P033/03S

CAT 42 € 58,30

**SERIE PUNTE E TAZZE  
DIAMANTATE A CORONA  
CONTINUA**

PER IL TAGLIO A SECCO DI MATERIALI  
DURI COME GRANITO, GRES  
PORCELLANATO, MARMO ECC.  
PERFORAZIONE A SECCO E AD UMIDO,  
CON CERA DI RAFFREDDAMENTO  
NATURALE FINO A 14 mm.



| Misure            | 6 mm - 8 mm - 10 mm |
|-------------------|---------------------|
| Attacco esagonale | 9.5 mm              |
| Lunghezza totale  | 80 mm               |
| Altezza diamante  | 10 mm               |

## P034-

CAT 42

**PUNTE E TAZZE DIAMANTATE M14 A CORONA CONTINUA**

PER MATERIALI DURI COME GRANITO,  
PIASTRELLE DI PORCELLANA, MARMO  
ECC. PER FORATURA A SECCO E CON  
ACQUA, CON CERA REFRIGERANTE  
NATURALE, GRANA # 30 ÷ # 50,  
ROTAZIONE ALTERNATA IN SENSO  
ORARIO E ANTIORARIO



| Art.     | €        | Misura | Filetto | Lunghezza totale | Altezza diamante |
|----------|----------|--------|---------|------------------|------------------|
| P034/006 | € 24,60  | 6 mm   | M 14    | 62 mm            | 10 mm            |
| P034/008 | € 25,00  | 8 mm   | M 14    | 62 mm            | 10 mm            |
| P034/010 | € 25,00  | 10 mm  | M 14    | 62 mm            | 10 mm            |
| P034/012 | € 26,70  | 12 mm  | M 14    | 62 mm            | 10 mm            |
| P034/014 | € 29,20  | 14 mm  | M 14    | 62 mm            | 10 mm            |
| P034/016 | € 29,60  | 16 mm  | M 14    | 62 mm            | 15 mm            |
| P034/018 | € 30,00  | 18 mm  | M 14    | 62 mm            | 15 mm            |
| P034/020 | € 30,40  | 20 mm  | M 14    | 60 mm            | 15 mm            |
| P034/022 | € 30,80  | 22 mm  | M 14    | 60 mm            | 15 mm            |
| P034/025 | € 31,30  | 25 mm  | M 14    | 60 mm            | 15 mm            |
| P034/028 | € 34,20  | 28 mm  | M 14    | 60 mm            | 15 mm            |
| P034/030 | € 36,70  | 30 mm  | M 14    | 60 mm            | 15 mm            |
| P034/032 | € 39,20  | 32 mm  | M 14    | 60 mm            | 15 mm            |
| P034/035 | € 42,50  | 35 mm  | M 14    | 60 mm            | 15 mm            |
| P034/040 | € 49,20  | 40 mm  | M 14    | 60 mm            | 15 mm            |
| P034/045 | € 55,00  | 45 mm  | M 14    | 60 mm            | 15 mm            |
| P034/050 | € 59,20  | 50 mm  | M 14    | 60 mm            | 15 mm            |
| P034/055 | € 66,70  | 55 mm  | M 14    | 60 mm            | 15 mm            |
| P034/060 | € 73,30  | 60 mm  | M 14    | 60 mm            | 15 mm            |
| P034/065 | € 79,20  | 65 mm  | M 14    | 60 mm            | 15 mm            |
| P034/067 | € 81,70  | 67 mm  | M 14    | 60 mm            | 15 mm            |
| P034/070 | € 85,80  | 70 mm  | M 14    | 60 mm            | 15 mm            |
| P034/080 | € 97,50  | 80 mm  | M 14    | 60 mm            | 15 mm            |
| P034/090 | € 107,00 | 90 mm  | M 14    | 60 mm            | 15 mm            |
| P034/100 | € 132,00 | 100 mm | M 14    | 60 mm            | 15 mm            |

**P034/05S**
**CAT 42 € 125,00**
**SERIE PUNTE E TAZZE  
DIAMANTATE M14 A CORONA  
CONTINUA**

PER MATERIALI DURI COME GRANITO,  
PIASTRELLE DI PROCELLANA, MARMO  
ECC. PER FORATURA A SECCO E CON  
ACQUA, CON CERA REFRIGERANTE  
NATURALE, GRANA # 30 ÷ # 50,  
ROTAZIONE ALTERNATA IN SENSO  
ORARIO E ANTIORARIO



|                  |                                     |
|------------------|-------------------------------------|
| Misure           | 6 mm - 8 mm - 10 mm - 12 mm - 14 mm |
| Filetto          | M14                                 |
| Lunghezza totale | 62 mm                               |
| Altezza diamante | 10 mm                               |

**P034/06S**
**CAT 42 € 311,00**
**SERIE PUNTE E TAZZE  
DIAMANTATE M14 A CORONA  
CONTINUA**

PER MATERIALI DURI COME GRANITO,  
PIASTRELLE DI PROCELLANA, MARMO  
ECC. PER FORATURA A SECCO E CON  
ACQUA, GRANA # 30 ÷ # 50, ROTAZIONE  
ALTERNATA IN SENSO ORARIO E  
ANTIORARIO



|                  |                                               |
|------------------|-----------------------------------------------|
| Misure           | 22 mm - 35 mm - 40 mm - 45 mm - 50 mm - 67 mm |
| Filetto          | M14                                           |
| Lunghezza totale | 60 mm                                         |
| Altezza diamante | 15 mm                                         |

**P035-**
**CAT 42**
**PUNTE DIAMANTATE A CORONA CONTINUA**

PER PIASTRELLE, CEMENTO E MATERIALI DA COSTRUZIONE RESISTENTI FORATURA A UMIDO, ROTAZIONE ALTERNATA ORARIA E ANTIORARIA, GAMBO TONDO

| Art.    | €      | Misura | Gambo  | Lunghezza totale | Altezza diamante |
|---------|--------|--------|--------|------------------|------------------|
| P035/05 | € 6,70 | 5 mm   | Ø 6 mm | 65 mm            | 5 mm             |
| P035/06 | € 6,70 | 6 mm   | Ø 6 mm | 65 mm            | 5 mm             |
| P035/08 | € 6,70 | 8 mm   | Ø 6 mm | 65 mm            | 5 mm             |
| P035/10 | € 6,70 | 10 mm  | Ø 6 mm | 65 mm            | 5 mm             |
| P035/12 | € 7,50 | 12 mm  | Ø 6 mm | 65 mm            | 5 mm             |
| P035/14 | € 8,30 | 14 mm  | Ø 6 mm | 65 mm            | 5 mm             |


**P035/04S**
**CAT 42 € 25,00**
**SERIE PUNTE DIAMANTATE A  
CORONA CONTINUA**

PER PIASTRELLE, CEMENTO E MATERIALI  
DA COSTRUZIONE RESISTENTI FORATURA  
A UMIDO, ROTAZIONE ALTERNATA ORARIA  
E ANTIORARIA, GAMBO TONDO



|                  |                            |
|------------------|----------------------------|
| Misure           | 5 mm - 6 mm - 8 mm - 10 mm |
| Gambo            | Ø 6 mm                     |
| Lunghezza totale | 65 mm                      |
| Altezza diamante | 5 mm                       |

**0529**
**€ 31,70**
**SERIE PUNTE DIAMANTATE CON  
ATTACCO DA 1/4"**

6PZ, PUNTE DIAMANTATE CON ATTACCO  
DA 1/4" E PORTA INSERTO A CAMBIO  
RAPIDO CON ATTACCO DA 1/4", PER  
FORARE NON A SECCO MARMO, GRANITO,  
CERAMICA E GRES



|                  |                        |
|------------------|------------------------|
| Punte            | 5 - 6 - 8 - 10 - 12 mm |
| Attacco          | 1/4"                   |
| Lunghezza totale | 60 mm                  |
| Taglio utile     | 30 mm                  |
| Peso             | 230 g                  |

**D009/5-12**
**CAT 42 € 23,30**
**DIMA A VENTOSA CON FORI DI  
GUIDA**

DA UTILIZZARE IN ACCOPPIATA CON  
NEBULIZZATORE PER LAVORAZIONI AD  
ACQUA



Fori 4 mm - 5 mm - 6 mm - 7 mm - 8 mm - 10 mm - 12 mm

**D009/5-85**
**CAT 42 € 35,00**
**DIMA REGOLABILE A VENTOSA**

DA UTILIZZARE IN ACCOPPIATA CON  
NEBULIZZATORE PER LAVORAZIONI AD  
ACQUA



Fori 5 - 85 mm

## P052-

CAT 42

## PUNTE ELICOIDALI PER LEGNO

A DOPPIA ELICA CON PUNTA DI CENTRAGGIO

CONFEZIONI DA 5\* PEZZI FINO AL Ø 8 MM

HSS DIN 7487

| Art.    | €      | Ø     | Lunghezza totale | Lunghezza elica |
|---------|--------|-------|------------------|-----------------|
| P052/03 | € 0,71 | 3 mm  | 61 mm            | 33 mm           |
| P052/04 | € 0,79 | 4 mm  | 75 mm            | 43 mm           |
| P052/05 | € 0,95 | 5 mm  | 86 mm            | 52 mm           |
| P052/06 | € 1,03 | 6 mm  | 93 mm            | 57 mm           |
| P052/07 | € 1,27 | 7 mm  | 109 mm           | 69 mm           |
| P052/08 | € 1,66 | 8 mm  | 117 mm           | 75 mm           |
| P052/09 | € 1,90 | 9 mm  | 125 mm           | 81 mm           |
| P052/10 | € 2,22 | 10 mm | 133 mm           | 87 mm           |
| P052/11 | € 2,93 | 11 mm | 142 mm           | 94 mm           |



| Art.    | €       | Ø     | Lunghezza totale | Lunghezza elica |
|---------|---------|-------|------------------|-----------------|
| P052/12 | € 3,64  | 12 mm | 151 mm           | 101 mm          |
| P052/13 | € 4,20  | 13 mm | 151 mm           | 101 mm          |
| P052/14 | € 5,20  | 14 mm | 160 mm           | 108 mm          |
| P052/15 | € 6,20  | 15 mm | 169 mm           | 114 mm          |
| P052/16 | € 8,60  | 16 mm | 178 mm           | 120 mm          |
| P052/17 | € 9,90  | 17 mm | 184 mm           | 125 mm          |
| P052/18 | € 11,50 | 18 mm | 191 mm           | 130 mm          |
| P052/19 | € 13,10 | 19 mm | 198 mm           | 135 mm          |
| P052/20 | € 14,30 | 20 mm | 205 mm           | 140 mm          |

## P052/085

CAT 42 € 11,00

## SERIE DI PUNTE ELICOIDALI PER LEGNO

A DOPPIA ELICA CON PUNTA DI CENTRAGGIO



8 Pz HSS DIN 7487

Misura 3 ÷ 10 mm

## 0238

€ 9,80

## SERIE FRESE A TAZZA PER LEGNO



10 Pz

Misure Ø 22 - 29 - 32 - 38 - 44 - 51 - 57 - 67 mm

## 0463

€ 17,70

## SERIE PUNTE CON SVASATORE PER LEGNO

ATTACCO ESAGONALE DA 1/4", PER SVASARE IL LEGNO



4 Pz HSS &amp; C45

Misura 2 - 2,5 - 3 - 3,5 mm  
Attacco 1/4"

## 0799-

## SERIE PUNTE PER MORTASA



6 Pz C45

| Art.     | €       | Misure                         | Rotazione | Gambo        |
|----------|---------|--------------------------------|-----------|--------------|
| 0799/SXC | € 55,20 | Ø 6 - 8 - 10 - 12 - 14 - 16 mm | Sx        | Ø 16 x 50 mm |
| 0799/DXC | € 55,20 | Ø 6 - 8 - 10 - 12 - 14 - 16 mm | Dx        | Ø 16 x 50 mm |

## 0087

€ 35,60

## SERIE PUNTE PER CERNIERE CON RIPORTO IN METALLO DURO



5 Pz

Punta Ø 15 - 20 - 26 - 30 - 35 mm  
Gambo Ø 8 fino alla 26 Ø 10 per la 30 e 35 mm

## 0087/35

€ 9,00

## PUNTA PER CERNIERE CON RIPORTO IN METALLO DURO

Punta Ø 35 mm  
Gambo Ø 10 mm

**0526**
**€ 25,30**
**SERIE PUNTE CON SVASATORE PER LEGNO**

ATTACCO DA 1/4" E SVASATORE PER LEGNO, PER FORARE E SVASARE IL LEGNO SENZA ROVINARLO



3 Pz HSS Blister

Punte 2,75 - 3,25 - 3,5 mm  
Attacco 1/4"

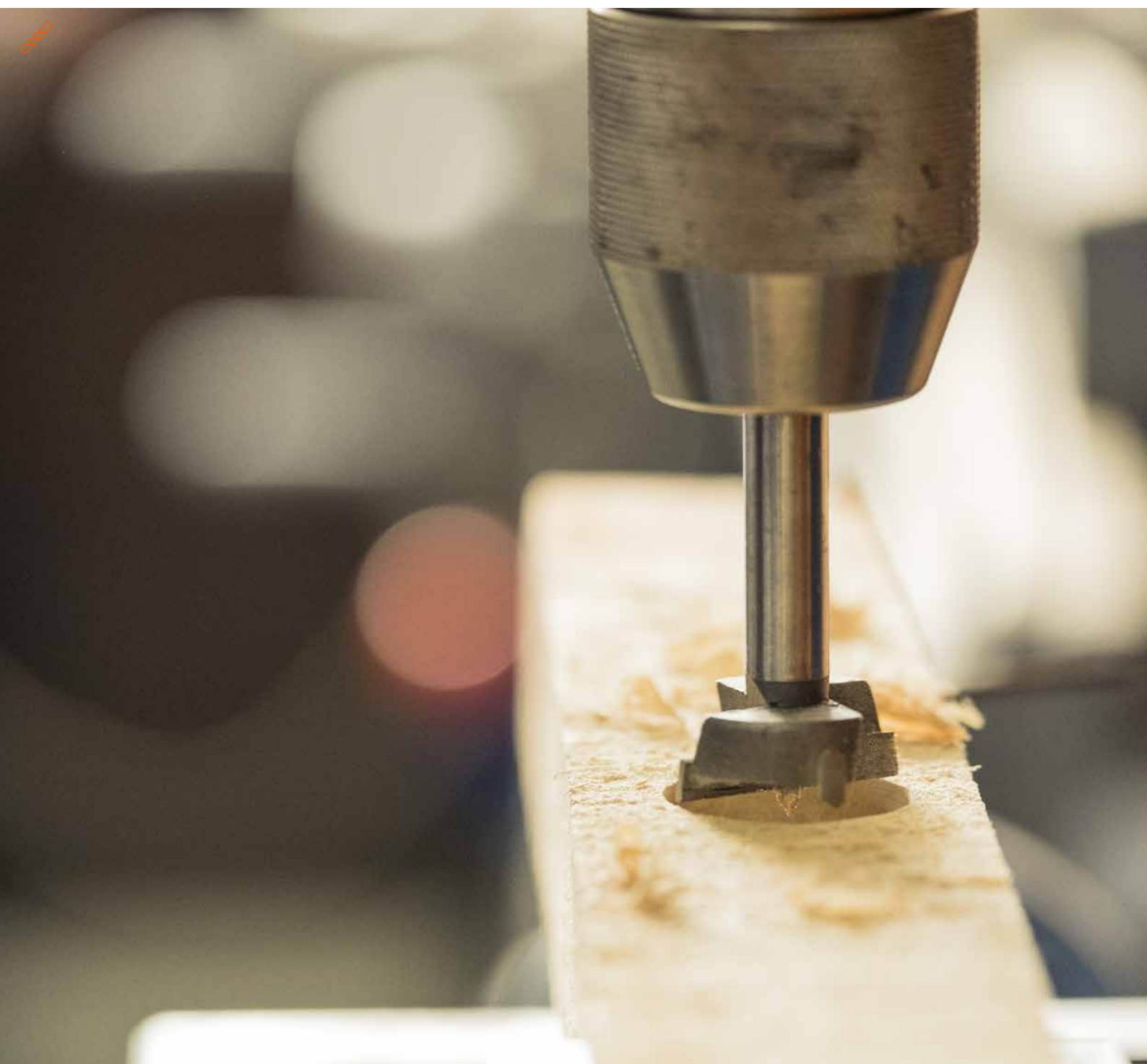
**0524**
**€ 41,20**
**SERIE PORTA PUNTE CON ATTACCO 1/4"**

IN ACCIAIO C45, PER VELOCIZZARE IL LAVORO SOSTITUENDO VELOCEMENTE LE PUNTE



10 Pz Scatola di plastica

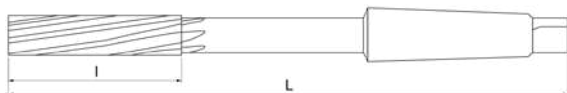
Misure 3-3.5-4-4.5-5-5.5-6-6.5-8-10 mm  
Attacco 1/4"



## A208B-

## ALESATORE A MACCHINA

TAGLIO DESTRO TAGLIENTI ELICOIDALI SINISTRI ATTACCO CONO MORSE



HSS DIN 208/B

| Art.     | €       | øH7   | L      | I     | CM |
|----------|---------|-------|--------|-------|----|
| A208B/05 | € 18,00 | 5 mm  | 133 mm | 23 mm | 1  |
| A208B/06 | € 19,50 | 6 mm  | 138 mm | 26 mm | 1  |
| A208B/07 | € 19,50 | 7 mm  | 150 mm | 31 mm | 1  |
| A208B/08 | € 20,50 | 8 mm  | 156 mm | 33 mm | 1  |
| A208B/09 | € 20,50 | 9 mm  | 162 mm | 36 mm | 1  |
| A208B/10 | € 22,30 | 10 mm | 168 mm | 38 mm | 1  |
| A208B/11 | € 22,30 | 11 mm | 175 mm | 41 mm | 1  |
| A208B/12 | € 23,40 | 12 mm | 180 mm | 43 mm | 1  |
| A208B/13 | € 23,40 | 13 mm | 182 mm | 44 mm | 1  |
| A208B/14 | € 24,50 | 14 mm | 189 mm | 47 mm | 1  |
| A208B/15 | € 28,00 | 15 mm | 204 mm | 50 mm | 2  |
| A208B/16 | € 28,00 | 16 mm | 210 mm | 52 mm | 2  |
| A208B/17 | € 28,70 | 17 mm | 214 mm | 54 mm | 2  |
| A208B/18 | € 29,20 | 18 mm | 219 mm | 56 mm | 2  |
| A208B/19 | € 30,00 | 19 mm | 223 mm | 58 mm | 2  |
| A208B/20 | € 33,30 | 20 mm | 228 mm | 60 mm | 2  |
| A208B/21 | € 35,00 | 21 mm | 232 mm | 62 mm | 2  |

| Art.     | €        | øH7   | L      | I     | CM |
|----------|----------|-------|--------|-------|----|
| A208B/22 | € 38,30  | 22 mm | 237 mm | 64 mm | 2  |
| A208B/23 | € 42,10  | 23 mm | 241 mm | 66 mm | 2  |
| A208B/24 | € 43,70  | 24 mm | 268 mm | 68 mm | 3  |
| A208B/25 | € 47,90  | 25 mm | 268 mm | 68 mm | 3  |
| A208B/26 | € 50,30  | 26 mm | 273 mm | 70 mm | 3  |
| A208B/27 | € 56,10  | 27 mm | 277 mm | 71 mm | 3  |
| A208B/28 | € 61,10  | 28 mm | 277 mm | 71 mm | 3  |
| A208B/29 | € 62,70  | 29 mm | 281 mm | 73 mm | 3  |
| A208B/30 | € 66,80  | 30 mm | 281 mm | 73 mm | 3  |
| A208B/31 | € 70,10  | 31 mm | 285 mm | 75 mm | 3  |
| A208B/32 | € 73,40  | 32 mm | 317 mm | 77 mm | 4  |
| A208B/34 | € 97,50  | 34 mm | 321 mm | 78 mm | 4  |
| A208B/35 | € 102,00 | 35 mm | 321 mm | 78 mm | 4  |
| A208B/36 | € 106,00 | 36 mm | 325 mm | 79 mm | 4  |
| A208B/38 | € 118,00 | 38 mm | 329 mm | 81 mm | 4  |
| A208B/40 | € 128,00 | 40 mm | 329 mm | 81 mm | 4  |

## A212-

## ALESATORE A MACCHINA

TAGLIO DESTRO TAGLIENTI ELICOIDALI SINISTRI ATTACCO CILINDRICO



HSS DIN 212/B

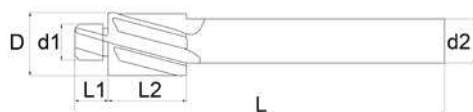
| Art.       | €       | øH7    | L      | I     | d h9   | Z |
|------------|---------|--------|--------|-------|--------|---|
| A212/02.00 | € 17,00 | 2 mm   | 49 mm  | 11 mm | 2 mm   | 4 |
| A212/02.50 | € 17,00 | 2,5 mm | 57 mm  | 14 mm | 2,5 mm | 4 |
| A212/03.00 | € 17,00 | 3 mm   | 61 mm  | 15 mm | 3 mm   | 4 |
| A212/03.50 | € 17,00 | 3,5 mm | 70 mm  | 18 mm | 3,5 mm | 6 |
| A212/04.00 | € 11,40 | 4 mm   | 75 mm  | 19 mm | 4 mm   | 6 |
| A212/04.50 | € 11,40 | 4,5 mm | 80 mm  | 21 mm | 4,5 mm | 6 |
| A212/05.00 | € 11,40 | 5 mm   | 86 mm  | 23 mm | 5 mm   | 6 |
| A212/05.50 | € 11,40 | 5,5 mm | 93 mm  | 26 mm | 5,5 mm | 6 |
| A212/06.00 | € 11,40 | 6 mm   | 93 mm  | 26 mm | 6 mm   | 6 |
| A212/06.50 | € 14,40 | 6,5 mm | 101 mm | 28 mm | 6,5 mm | 6 |
| A212/07.00 | € 14,40 | 7 mm   | 109 mm | 31 mm | 7 mm   | 6 |
| A212/07.50 | € 14,40 | 7,5 mm | 109 mm | 31 mm | 7 mm   | 6 |

| Art.       | €       | øH7    | L      | I     | d h9  | Z |
|------------|---------|--------|--------|-------|-------|---|
| A212/08.00 | € 14,40 | 8 mm   | 117 mm | 33 mm | 8 mm  | 6 |
| A212/08.50 | € 17,90 | 8,5 mm | 117 mm | 33 mm | 8 mm  | 6 |
| A212/09.00 | € 17,90 | 9 mm   | 125 mm | 36 mm | 9 mm  | 6 |
| A212/09.50 | € 17,90 | 9,5 mm | 125 mm | 36 mm | 9 mm  | 6 |
| A212/10.00 | € 17,90 | 10 mm  | 133 mm | 38 mm | 10 mm | 6 |
| A212/11.00 | € 20,50 | 11 mm  | 142 mm | 41 mm | 10 mm | 6 |
| A212/12.00 | € 28,00 | 12 mm  | 151 mm | 44 mm | 10 mm | 6 |
| A212/13.00 | € 28,00 | 13 mm  | 151 mm | 44 mm | 10 mm | 6 |
| A212/14.00 | € 33,80 | 14 mm  | 160 mm | 47 mm | 12 mm | 6 |
| A212/15.00 | € 33,80 | 15 mm  | 162 mm | 50 mm | 12 mm | 8 |
| A212/16.00 | € 33,80 | 16 mm  | 170 mm | 52 mm | 12 mm | 8 |

## L018-

CAT 42

## LAMATORE CON ATTACCO CILINDRICO PER PREFORI DI FILETTATURE



HSS TIN DIN 373

| Art.    | €       | Viti | D     | d1      | d2      | L1    | L2    | L      |
|---------|---------|------|-------|---------|---------|-------|-------|--------|
| L018/03 | € 10,40 | M3   | 6 mm  | 2,5 mm  | 5 mm    | 4 mm  | 14 mm | 71 mm  |
| L018/04 | € 10,40 | M4   | 8 mm  | 3,3 mm  | 5 mm    | 5 mm  | 14 mm | 71 mm  |
| L018/05 | € 10,40 | M5   | 10 mm | 4,2 mm  | 8 mm    | 6 mm  | 18 mm | 80 mm  |
| L018/06 | € 10,80 | M6   | 11 mm | 5,0 mm  | 8 mm    | 7 mm  | 18 mm | 80 mm  |
| L018/08 | € 17,50 | M8   | 15 mm | 6,8 mm  | 12,5 mm | 9 mm  | 22 mm | 100 mm |
| L018/10 | € 20,80 | M10  | 18 mm | 8,5 mm  | 12,5 mm | 14 mm | 22 mm | 100 mm |
| L018/12 | € 22,50 | M12  | 20 mm | 10,2 mm | 12,5 mm | 14 mm | 22 mm | 100 mm |

**L018S**
**CAT 42 € 70,80**
**SERIE LAMATORI CON ATTACCO  
CILINDRICO PER PREFORI DI  
FILETTATURE**

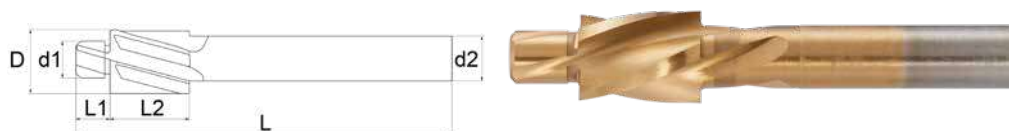

6 HSS TiN DIN 373

Viti M3, M4, M5, M6, M8, M10, M12

**L019S**
**CAT 42 € 70,80**
**SERIE LAMATORI CON ATTACCO  
CILINDRICO GRADO FINO**


6 HSS TiN DIN 373

Viti M3, M4, M5, M6, M8, M10, M12

**L019-**
**CAT 42**
**LAMATORE CON ATTACCO CILINDRICO GRADO FINO**


HSS TiN DIN 373

| Art.    | €       | Viti | D     | d1      | d2      | L1    | L2    | L      |
|---------|---------|------|-------|---------|---------|-------|-------|--------|
| L019/03 | € 10,40 | M3   | 6 mm  | 3,2 mm  | 5 mm    | 4 mm  | 14 mm | 71 mm  |
| L019/04 | € 10,40 | M4   | 8 mm  | 4,3 mm  | 5 mm    | 5 mm  | 14 mm | 71 mm  |
| L019/05 | € 10,40 | M5   | 10 mm | 5,3 mm  | 8 mm    | 6 mm  | 18 mm | 80 mm  |
| L019/06 | € 10,80 | M6   | 11 mm | 6,4 mm  | 8 mm    | 7 mm  | 18 mm | 80 mm  |
| L019/08 | € 17,50 | M8   | 15 mm | 8,4 mm  | 12,5 mm | 9 mm  | 22 mm | 100 mm |
| L019/10 | € 20,80 | M10  | 18 mm | 10,5 mm | 12,5 mm | 14 mm | 22 mm | 100 mm |
| L019/12 | € 22,50 | M12  | 20 mm | 13,0 mm | 12,5 mm | 14 mm | 22 mm | 100 mm |

**L020-**
**LAMATORE CON ATTACCO CILINDRICO TIPO MEDIO**


HSS TiN DIN 373

| Art.    | €       | Viti | D     | d1      | d2      | L1    | L2    | L      |
|---------|---------|------|-------|---------|---------|-------|-------|--------|
| L020/03 | € 11,40 | M3   | 6 mm  | 3,4 mm  | 5 mm    | 4 mm  | 14 mm | 71 mm  |
| L020/04 | € 12,30 | M4   | 8 mm  | 4,5 mm  | 5 mm    | 5 mm  | 14 mm | 71 mm  |
| L020/05 | € 13,30 | M5   | 10 mm | 5,5 mm  | 8 mm    | 6 mm  | 18 mm | 80 mm  |
| L020/06 | € 14,00 | M6   | 11 mm | 6,6 mm  | 8 mm    | 7 mm  | 18 mm | 80 mm  |
| L020/08 | € 21,30 | M8   | 15 mm | 9 mm    | 12,5 mm | 9 mm  | 22 mm | 100 mm |
| L020/10 | € 24,20 | M10  | 18 mm | 11 mm   | 12,5 mm | 14 mm | 22 mm | 100 mm |
| L020/12 | € 27,20 | M12  | 20 mm | 13,5 mm | 12,5 mm | 14 mm | 22 mm | 100 mm |

**L020**
**€ 83,10**
**SERIE LAMATORI TIPO MEDIO  
CON ATTACCO CILINDRICO**


7 Pz HSS TiN DIN 373

Per viti M3 - 4 - 5 - 6 - 8 - 10 - 12

**L020S**
**CAT 42 € 70,80**
**SERIE LAMATORI CON ATTACCO  
CILINDRICO GRADO MEDIO**


6 HSS TiN DIN 373

Viti M3, M4, M5, M6, M8, M10, M12

## C003-

## COLTELLO STOZZATORE NORMALE A DISCO

FORMA BASE FORO 44,45 mm ANGOLO DI PRESSIONE 20° CLASSE A



HSS TIN DIN 1825

| Art.      | €        | Modulo | ø max     | ø d0      | Altezza b1 | Denti |
|-----------|----------|--------|-----------|-----------|------------|-------|
| C003/1    | € 276,00 | 1,00   | 102 mm    | 100 mm    | 16 mm      | 100   |
| C003/1.25 | € 276,00 | 1,25   | 105 mm    | 100 mm    | 16 mm      | 80    |
| C003/1.50 | € 300,00 | 1,50   | 107 mm    | 102 mm    | 18 mm      | 68    |
| C003/1.75 | € 324,00 | 1,75   | 107,4 mm  | 101,5 mm  | 20 mm      | 58    |
| C003/2    | € 324,00 | 2,00   | 107,31 mm | 100 mm    | 20 mm      | 50    |
| C003/2.25 | € 324,00 | 2,25   | 109,29 mm | 101,25 mm | 20 mm      | 45    |
| C003/2.50 | € 371,00 | 2,50   | 108,46 mm | 100 mm    | 20 mm      | 40    |
| C003/2.75 | € 371,00 | 2,75   | 108,36 mm | 99 mm     | 24 mm      | 36    |
| C003/3    | € 371,00 | 3,00   | 111,82 mm | 99 mm     | 24 mm      | 33    |
| C003/3.25 | € 407,00 | 3,25   | 110,99 mm | 99 mm     | 24 mm      | 31    |
| C003/3.50 | € 407,00 | 3,50   | 108,72 mm | 101,5 mm  | 24 mm      | 29    |

| Art.      | €         | Modulo | ø max     | ø d0     | Altezza b1 | Denti |
|-----------|-----------|--------|-----------|----------|------------|-------|
| C003/3.75 | € 407,00  | 3,75   | 112,35 mm | 101,5 mm | 24 mm      | 27    |
| C003/4    | € 407,00  | 4,00   | 111,75 mm | 100 mm   | 24 mm      | 25    |
| C003/4.25 | € 433,00  | 4,25   | 114,12 mm | 102 mm   | 24 mm      | 24    |
| C003/4.50 | € 433,00  | 4,50   | 111,65 mm | 99 mm    | 24 mm      | 22    |
| C003/5    | € 441,00  | 5,00   | 114,05 mm | 100 mm   | 24 mm      | 20    |
| C003/5.50 | € 468,00  | 5,50   | 119,96 mm | 99 mm    | 24 mm      | 18    |
| C003/6    | € 468,00  | 6,00   | 118,86 mm | 102 mm   | 24 mm      | 17    |
| C003/6.50 | € 587,00  | 6,50   | 122,5 mm  | 112 mm   | 24 mm      | 16    |
| C003/7    | € 683,00  | 7,00   | 127 mm    | 105 mm   | 24 mm      | 15    |
| C003/8    | € 767,00  | 8,00   | 135 mm    | 112 mm   | 24 mm      | 14    |
| C003/10   | € 1050,00 | 10,00  | 168 mm    | 140 mm   | 24 mm      | 14    |

## C001-

## CREATORE PER INGRANAGGI CILINDRICI CON ANGOLO DI PRESSIONE 20°

PROFILO RETTIFICATO FINITORE CLASSE A



HSS TIN DIN 8002/B

| Art.      | €        | Modulo | Diametro ø | Lunghezza | Foro  |
|-----------|----------|--------|------------|-----------|-------|
| C001/1    | € 305,00 | 1,00   | 50 mm      | 31 mm     | 22 mm |
| C001/1.25 | € 305,00 | 1,25   | 50 mm      | 31 mm     | 22 mm |
| C001/1.50 | € 305,00 | 1,50   | 53 mm      | 50 mm     | 22 mm |
| C001/1.75 | € 305,00 | 1,75   | 56 mm      | 38 mm     | 22 mm |
| C001/2    | € 314,00 | 2,00   | 63 mm      | 46 mm     | 27 mm |
| C001/2.25 | € 363,00 | 2,25   | 70 mm      | 56 mm     | 27 mm |
| C001/2.50 | € 363,00 | 2,50   | 71 mm      | 63 mm     | 27 mm |
| C001/2.75 | € 363,00 | 2,75   | 70 mm      | 56 mm     | 27 mm |
| C001/3    | € 441,00 | 3,00   | 80 mm      | 71 mm     | 32 mm |
| C001/3.25 | € 515,00 | 3,25   | 80 mm      | 69 mm     | 32 mm |
| C001/3.50 | € 536,00 | 3,50   | 80 mm      | 71 mm     | 32 mm |
| C001/3.75 | € 614,00 | 3,75   | 90 mm      | 78 mm     | 32 mm |
| C001/4    | € 614,00 | 4,00   | 90 mm      | 78 mm     | 32 mm |

| Art.      | €         | Modulo | Diametro ø | Lunghezza | Foro  |
|-----------|-----------|--------|------------|-----------|-------|
| C001/4.25 | € 669,00  | 4,25   | 90 mm      | 78 mm     | 32 mm |
| C001/4.50 | € 669,00  | 4,50   | 90 mm      | 78 mm     | 32 mm |
| C001/5    | € 669,00  | 5,00   | 100 mm     | 88 mm     | 32 mm |
| C001/5.50 | € 669,00  | 5,50   | 100 mm     | 88 mm     | 32 mm |
| C001/6    | € 887,00  | 6,00   | 110 mm     | 108 mm    | 40 mm |
| C001/6.50 | € 934,00  | 6,50   | 110 mm     | 109 mm    | 40 mm |
| C001/7    | € 934,00  | 7,00   | 110 mm     | 110 mm    | 40 mm |
| C001/8    | € 1470,00 | 8,00   | 125 mm     | 130 mm    | 40 mm |
| C001/9    | € 1680,00 | 9,00   | 125 mm     | 140 mm    | 40 mm |
| C001/10   | € 2270,00 | 10,00  | 140 mm     | 160 mm    | 40 mm |
| C001/12   | € 3250,00 | 12,00  | 170 mm     | 195 mm    | 50 mm |
| C001/13   | € 3420,00 | 13,00  | 180 mm     | 210 mm    | 50 mm |

## F001/10

€ 192,00

## SERIE FRESE FRONTALI A PIÙ TAGLIENTI

TAGLIO AL CENTRO, PER SGROSSATURA, PASSO FINE, GAMBO CILINDRICO, ATTACCO WELDON, SERIE NORMALE



10 Pz HSS TIN DIN 844/B

|       |                                                     |
|-------|-----------------------------------------------------|
| Fresa | Ø 6   8   10   12   14   16   18   20   22   25 mm  |
| Gambo | Ø 6   10   10   12   12   16   16   20   20   25 mm |

## F001/20

€ 192,00

## SERIE FRESE FRONTALI A 2 E 4 TAGLI

TAGLIO AL CENTRO, PER FINITURA, GAMBO CILINDRICO, ATTACCO WELDON, SERIE NORMALE



20 Pz HSS TIN DIN 327/D &amp; DIN 844/B

|           |                                                  |
|-----------|--------------------------------------------------|
| Fresa 2 T | Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 18 - 20 mm  |
| Gambo     | Ø 6 - 6 - 6 - 6 - 10 - 10 - 12 - 12 - 16 - 20 mm |
| Fresa 4 T | Ø 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 18 - 20 mm  |
| Gambo     | Ø 6 - 6 - 6 - 6 - 10 - 10 - 12 - 12 - 16 - 20 mm |

**F005-**
**FRESA FRONTALE A 2 TAGLIENTI**

GAMBO CILINDRICO ATTACCO WELDON SERIE NORMALE

HSS TIN DIN 327/D

| Art.    | €       | D     | d     | l     | Z | L     |
|---------|---------|-------|-------|-------|---|-------|
| F005/03 | € 6,30  | 3 mm  | 6 mm  | 5 mm  | 2 | 49 mm |
| F005/04 | € 6,60  | 4 mm  | 6 mm  | 7 mm  | 2 | 51 mm |
| F005/05 | € 7,40  | 5 mm  | 6 mm  | 8 mm  | 2 | 52 mm |
| F005/06 | € 7,60  | 6 mm  | 6 mm  | 8 mm  | 2 | 52 mm |
| F005/08 | € 9,10  | 8 mm  | 10 mm | 11 mm | 2 | 61 mm |
| F005/10 | € 9,20  | 10 mm | 10 mm | 13 mm | 2 | 63 mm |
| F005/12 | € 10,70 | 12 mm | 12 mm | 16 mm | 2 | 73 mm |



| Art.    | €       | D     | d     | l     | Z | L     |
|---------|---------|-------|-------|-------|---|-------|
| F005/14 | € 14,30 | 14 mm | 12 mm | 16 mm | 2 | 73 mm |
| F005/16 | € 21,20 | 16 mm | 16 mm | 19 mm | 2 | 79 mm |
| F005/18 | € 22,10 | 18 mm | 16 mm | 19 mm | 2 | 79 mm |
| F005/20 | € 29,90 | 20 mm | 20 mm | 22 mm | 2 | 88 mm |
| F005/22 | € 37,10 | 22 mm | 20 mm | 22 mm | 2 | 88 mm |
| F005/24 | € 42,00 | 24 mm | 20 mm | 26 mm | 2 | 92 mm |
| F005/25 | € 45,50 | 25 mm | 20 mm | 26 mm | 2 | 92 mm |

**F006-**
**FRESA FRONTALE A 4 TAGLIENTI**

GAMBO CILINDRICO ATTACCO WELDON SERIE NORMALE

HSS TIN DIN 844

| Art.    | €       | D     | d     | l     | Z | L     |
|---------|---------|-------|-------|-------|---|-------|
| F006/03 | € 6,60  | 3 mm  | 6 mm  | 8 mm  | 4 | 52 mm |
| F006/04 | € 6,60  | 4 mm  | 6 mm  | 11 mm | 4 | 55 mm |
| F006/05 | € 7,50  | 5 mm  | 6 mm  | 13 mm | 4 | 57 mm |
| F006/06 | € 7,60  | 6 mm  | 6 mm  | 13 mm | 4 | 57 mm |
| F006/08 | € 9,50  | 8 mm  | 10 mm | 19 mm | 4 | 69 mm |
| F006/10 | € 10,00 | 10 mm | 10 mm | 22 mm | 4 | 72 mm |



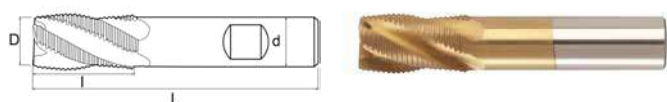
| Art.    | €       | D     | d     | l     | Z | L      |
|---------|---------|-------|-------|-------|---|--------|
| F006/12 | € 13,00 | 12 mm | 12 mm | 26 mm | 4 | 83 mm  |
| F006/14 | € 13,00 | 14 mm | 12 mm | 26 mm | 4 | 83 mm  |
| F006/16 | € 19,00 | 16 mm | 16 mm | 32 mm | 4 | 92 mm  |
| F006/18 | € 19,20 | 18 mm | 16 mm | 32 mm | 4 | 92 mm  |
| F006/20 | € 26,90 | 20 mm | 20 mm | 38 mm | 4 | 104 mm |

**F007-**
**FRESA FRONTALE A 4 TAGLIENTI**

TAGLIO AL CENTRO GAMBO CILINDRICO ATTACCO WELDON SERIE NORMALE PER SGROSSATURA PASSO FINE

HSS TIN DIN 844/B

| Art.    | €       | D     | d     | l     | Z | L     |
|---------|---------|-------|-------|-------|---|-------|
| F007/06 | € 10,70 | 6 mm  | 6 mm  | 13 mm | 4 | 57 mm |
| F007/07 | € 10,70 | 7 mm  | 10 mm | 16 mm | 4 | 66 mm |
| F007/08 | € 11,80 | 8 mm  | 10 mm | 19 mm | 4 | 69 mm |
| F007/09 | € 13,70 | 9 mm  | 10 mm | 19 mm | 4 | 69 mm |
| F007/10 | € 13,70 | 10 mm | 10 mm | 22 mm | 4 | 72 mm |
| F007/11 | € 13,70 | 11 mm | 12 mm | 22 mm | 4 | 76 mm |
| F007/12 | € 13,70 | 12 mm | 12 mm | 26 mm | 4 | 83 mm |
| F007/13 | € 14,70 | 13 mm | 12 mm | 26 mm | 4 | 83 mm |



| Art.    | €       | D     | d     | l     | Z | L      |
|---------|---------|-------|-------|-------|---|--------|
| F007/14 | € 14,70 | 14 mm | 12 mm | 26 mm | 4 | 83 mm  |
| F007/15 | € 18,60 | 15 mm | 12 mm | 26 mm | 4 | 83 mm  |
| F007/16 | € 18,60 | 16 mm | 16 mm | 32 mm | 4 | 92 mm  |
| F007/18 | € 25,50 | 18 mm | 16 mm | 32 mm | 4 | 92 mm  |
| F007/20 | € 34,60 | 20 mm | 20 mm | 38 mm | 4 | 104 mm |
| F007/22 | € 39,70 | 22 mm | 20 mm | 38 mm | 4 | 104 mm |
| F007/25 | € 43,90 | 25 mm | 25 mm | 45 mm | 4 | 121 mm |

**A014-**
**UTENSILE CONICO ALLARGAFORI**

CON GAMBO CILINDRICO

HSS M2 TIN



| Art.       | €        | Ø            | Lunghezza totale |
|------------|----------|--------------|------------------|
| A014/03-14 | € 10,50  | 3 - 14 mm    | 58 mm            |
| A014/06-20 | € 18,20  | 6 - 20 mm    | 63 mm            |
| A014/16-30 | € 32,50  | 16 - 30,5 mm | 72 mm            |
| A014/26-40 | € 60,20  | 26 - 40 mm   | 86 mm            |
| A014/36-50 | € 80,80  | 36 - 50 mm   | 89 mm            |
| A014/40-61 | € 135,00 | 40 - 61 mm   | 94 mm            |
| A014/03-31 | € 38,00  | 3 - 31 mm    | 104 mm           |
| A014/03-22 | € 22,60  | 3 - 22,5 mm  | 76 mm            |

**A014/06-20E**

€ 19,00

**UTENSILE CONICO ALLARGAFORI**

CON GAMBO ESAGONALE



HSS M2 TIN

|                  |                  |
|------------------|------------------|
| Ø                | 6 - 20 mm        |
| Lunghezza totale | 63 mm            |
| Dimensioni gambo | 1/4" HEX x 20 mm |

**A014/03-30S****€ 68,50**

**SERIE UTENSILI CONICI ALLARGAFORI**  
CON GAMBO CILINDRICO



3 Pz HSS M2 TiN

Misure 3-14 - 6-20 - 16-30,5 mm

**F430****€ 62,70**

**SERIE FRESE A SCALINI**



3 Pz HSS TiN

Gambo 6 - 8 - 10 mm  
 ø 4 ÷ 12 - 6 ÷ 20 - 6 ÷ 30 mm

**F639****€ 66,20**

**FRESA A SCALINI**



HSS TiN

Gambo 10 mm  
 ø 6 ÷ 39 [6-9-12-15-18-21-24-27-30-33-36-39] mm

**F23x**

**FRESA A SCALINI**

CON PUNTA INTERCAMBIABILE



HSS TiN

| Art. | €       | Gambo | ø                                                   |
|------|---------|-------|-----------------------------------------------------|
| F232 | € 61,00 | 10 mm | 2,5 ÷ 32 [2,5-6,3-11,2-14,5-18,2-22,3-27,9-32] mm   |
| F238 | € 65,30 | 10 mm | 2,5 ÷ 38 [2,5-6,3-13-16-19-21-23-26-29-32-35-38] mm |

**F025****€ 5,50**

**PUNTA DI RICAMBIO**

COMPATIBILE CON F232 F238



Gambo 4 mm  
 Punta di ricambio Ø 2,5 mm

**S0x**

**FRESA A SVASARE ANTIVIBRANTE**

3 TAGLIENTI A 90°



HSS TiN DIN 335/C

| Art. | €       | ø max   | Per Viti M | Gambo   |
|------|---------|---------|------------|---------|
| S006 | € 8,60  | 6,3 mm  | 3          | Ø 5 mm  |
| S010 | € 10,10 | 10,4 mm | 5          | Ø 6 mm  |
| S012 | € 11,60 | 12,4 mm | 6          | Ø 8 mm  |
| S016 | € 15,10 | 16,5 mm | 8          | Ø 10 mm |
| S020 | € 18,40 | 20,5 mm | 10         | Ø 10 mm |
| S025 | € 22,10 | 25 mm   | 12         | Ø 10 mm |
| S028 | € 27,90 | 28 mm   | 14         | Ø 12 mm |
| S031 | € 29,90 | 31 mm   | 16         | Ø 12 mm |
| S040 | € 50,50 | 40 mm   | --         | Ø 15 mm |

**S001**
**€ 78,40**
**SERIE FRESE A SVASARE ANTIVIBRANTI**

3 TAGLIENTI A 90°



5 Pz HSS TiN DIN335/C

ø max 8 - 10 - 12,4 - 16,5 - 20,5 mm

**S026-**
**SVASATORE CON GAMBO ESAGONALE**

3 TAGLIENTI A 90°



HSS M2

| Art.    | €       | ø       | Lunghezza totale | Dimensioni gambo |
|---------|---------|---------|------------------|------------------|
| S026/06 | € 7,90  | 6,3 mm  | 31 mm            | 1/4" HEX x 25 mm |
| S026/08 | € 7,90  | 8,3 mm  | 31 mm            | 1/4" HEX x 25 mm |
| S026/10 | € 8,70  | 10,4 mm | 34 mm            | 1/4" HEX x 25 mm |
| S026/12 | € 9,10  | 12,4 mm | 35 mm            | 1/4" HEX x 25 mm |
| S026/16 | € 9,90  | 16,5 mm | 40 mm            | 1/4" HEX x 25 mm |
| S026/20 | € 11,50 | 20,5 mm | 41 mm            | 1/4" HEX x 25 mm |

**S026/06-20S**
**€ 50,70**
**SERIE SVASATORI CON GAMBO ESAGONALE**

3 TAGLIENTI A 90°



6 Pz HSS M2

 Misure 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm  
 Dimensioni gambo 1/4" HEX x 25 mm

**S026/06-20SM**
**€ 61,80**
**SERIE SVASATORI CON GAMBO ESAGONALE**

3 TAGLIENTI A 90°, CON MANICO E PROLUNGA MAGNETICA



8 Pz HSS M2

 Misure 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5 mm  
 Dimensioni gambo 1/4" HEX x 25 mm


**D020****€ 21,30****SERIE FRESE ROTATIVE DIAMANTATE**

PER: METALLI INDURITI, METALLO DURO, CERAMICA, PIASTRELLE, MARMO, GRANITO



20 Pz

|           |        |
|-----------|--------|
| Gambo     | Ø 3 mm |
| Lunghezza | 45 mm  |

**0835/15****€ 43,50****SERIE FRESE PER LEGNO**

RIPORTO IN METALLO DURO



15 Pz HM

|       |        |
|-------|--------|
| Gambo | Ø 6 mm |
|-------|--------|

**D050****€ 41,90****SERIE FRESE ROTATIVE DIAMANTATE**

PER: METALLI INDURITI, METALLO DURO, CERAMICA, PIASTRELLE, MARMO, GRANITO



50 Pz

|           |        |
|-----------|--------|
| Gambo     | Ø 3 mm |
| Lunghezza | 45 mm  |

**0830****€ 188,00****SERIE FRESE PER LEGNO**

RIPORTO IN METALLO DURO



35 Pz HM

|       |        |
|-------|--------|
| Gambo | Ø 6 mm |
|-------|--------|

**0718****€ 218,00****SET A FRESARE PER TOUPIE**

27 Pz HSS Valigetta

|             |                |
|-------------|----------------|
| Corpo fresa | Ø 100 x 40h mm |
| Foro        | Ø 30 mm        |
| Coltelli    | 26             |

**M312/P**
**€ 50,10**
**SERIE MASCHI PER FORI PASSANTI GAMBO RINFORZATO**


8 Pz HSS G DIN 371/B

|             |                                                                                  |
|-------------|----------------------------------------------------------------------------------|
| Misura      | M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 1 - M8 x 1,25 - M10 x 1,50 - M12 x 1,75 |
| Giramaschio | 1                                                                                |

**M312/C**
**€ 54,50**
**SERIE MASCHI PER FORI CIECHI 35° GAMBO RINFORZATO**


8 Pz HSS G DIN 371/C

|             |                                                                                  |
|-------------|----------------------------------------------------------------------------------|
| Misura      | M3 x 0,50 - M4 x 0,70 - M5 x 0,80 - M6 x 1 - M8 x 1,25 - M10 x 1,50 - M12 x 1,75 |
| Giramaschio | 1                                                                                |

**M015S**
**CAT 42 € 45,80**
**SERIE MASCHI E PUNTE**


15 HSS

|             |                                                                  |
|-------------|------------------------------------------------------------------|
| Maschi      | M3 x 0,50 mm, M4 x 0,70 mm, M5 x 0,80 mm, M6 x 1,00 mm, M8 x 1,2 |
| Punte       | Ø2,5 mm, Ø3,3 mm, Ø4,2 mm, Ø5,0 mm, Ø6,8 mm, Ø8,5 mm, Ø10        |
| Giramaschio | 1                                                                |

**M218**
**€ 194,00**
**SERIE MASCHI E FILIERE IN ACCIAIO AL TUNGSTENO**

MASCHI A MANO SERIE 2PZ E FILIERA: M2 X 0,40 - M3 X 0,50 - M4 X 0,70 - M5 X 0,80 - M6 X 0,75 - M6 X 1 - M7 X 0,75 - M7 X 1 - M8 X 0,75 - M8 X 1 - M8 X 1,25 - M9 X 0,75 - M9 X 1 - M9 X 1,25 - M10 X 0,75 - M10 X 1 - M10 X 1,25 - M10 X 1,5 - M11 X 0,75 - M11 X 1 - M11 X 1,25 - M11 X 1,5 - M12 X 0,75 - M12 X 1 - M12 X 1,25 - M12 X 1,5 - M12 X 1,75 - M14 X 1 - M14 X 1,25 - M14 X 1,5 - M14 X 2 - M16 X 1 - M16 X 1,5 - M16 X 2 - M18 X 1,5

110 Pz

|             |   |
|-------------|---|
| Girafiliera | 2 |
| Giramaschio | 2 |


**M100**
**€ 121,00**
**SERIE MASCHI E FILIERE**


45 Pz Acciaio al tungsteno

|                          |                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Girafiliera              | 1                                                                                                                                                                                           |
| Giramaschio              | 1                                                                                                                                                                                           |
| Maschio a mano e filiera | M6x0,75 - M6x1 - M8x1 - M8x1,25 - M10x1,25 - M10x1,5 - M12x1,5 - M12x1,75 - M14x1,5 - M14x2 - M16x1,5 - M16x2 - M18x1,5 - M18x2,5 - M20x1,5 - M20x2,5 - M22x1,5 - M22x2,5 - M24x1,5 - M24x3 |

**M032**
**€ 91,00**
**SERIE MASCHI E FILIERE**


32 Pz HSS

|               |                                                    |
|---------------|----------------------------------------------------|
| Giramaschio   | 1                                                  |
| Contafilietti | 1                                                  |
| Girafiliera   | 25 x 9 mm                                          |
| Giravite      | 3,5 x 50 mm                                        |
| Maschi 3 Pz   | M3x0,5 M4x0,7 M5x0,8 M6x1 M8x1,25 M10x1,5 M12x1,75 |
| Filiera       | M3x0,5 M4x0,7 M5x0,8 M6x1 M8x1,25 M10x1,5 M12x1,75 |

**M101**

€ 90,30

**SERIE MASCHI E FILIERE IN ACCIAIO LEGATO**

MASCHIO A MANO E FILIERA: METRIC M3X0,5 - UNC 1/4 20 - NPT 1/8 27 - UNF 4 40  
- METRIC M4X0,7 - UNC 1/4 28 - UNF 6 32 - METRIC M5X0,8 - UNC 5/16 18 - UNF 8 32  
- METRIC M6X1 - UNC 5/16 24 - UNF 10 32 - METRIC M7X1 - UNC 3/8 16 - UNF 10 24 -  
METRIC M8X1,25 - UNC 3/8 24 - UNF 12 24 - METRIC M9X1,25 - UNC 7/16 14 - METRIC  
M10X1,5 - UNC 7/16 20 - METRIC M10X1 - UNC 1/2 13 - METRIC M12X1,75 - UNC 1/2 20



60 Pz

**M029**

€ 97,40

**SERIE MASCHI E FILIERE**

CON PUNTE E GIRAMASCHI, GIRAFILIERE A CRICCHETTO



27 Pz Acciaio al tungsteno

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| Manico a cricchetto    | 200 mm                                                         |
| Adattatore per filiere | 25 x 9 mm                                                      |
| Adattatore per maschi  | 5 - 7,5 mm                                                     |
| Maschi                 | M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75 |
| Filiere                | M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M8x1,25 - M10x1,5 - M12x1,75 |
| Punte                  | 2,5 - 3,3 - 4,2 - 5 - 6,8 - 8,5 - 10,3 mm                      |
| Giravite               | 6,5 x 50 mm                                                    |
| Giramaschio            |                                                                |
| Manico                 |                                                                |
| Giravite               | 3 x 50 mm                                                      |

**M030**

€ 57,10

**SERIE MASCHI E FILIERE**

DA M1 A M2,5



30 Pz HSS

Misura M1 - M1.1 - M1.2 - M1.4 - M1.6 - M1.8 - M2.0 - M2.2 - M2.5

**M020**

€ 25,30

**SERIE MASCHI E FILIERE**



20 Pz Lega di acciaio

|             |                                                                                    |
|-------------|------------------------------------------------------------------------------------|
| Giramaschio | M3 - 12                                                                            |
| Girafiliera | 25 x 9 mm                                                                          |
| Maschi      | M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12x1,75 - 1/8" NPT27 |
| Filiere     | M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12x1,75 - 1/8" NPT27 |

**M036**

€ 49,10

**SERIE MASCHI E FILIERE**

CON PUNTE



|              |                                                                  |
|--------------|------------------------------------------------------------------|
| Giramaschio  | M3 - 12                                                          |
| Girafiliera  | 25 x 9 mm                                                        |
| Giravite     | 6,5 x 50 mm                                                      |
| Maschi       | M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12 |
| Filiere      | M3x0,5 - M4x0,7 - M5x0,8 - M6x1 - M7x1 - M8x1,25 - M10x1,5 - M12 |
| Punte        | 2,5 - 3,3 - 4,2 - 5 - 6 - 6,8 - 8,5 - 10,3 mm                    |
| Contafilette |                                                                  |
| Giramaschio  |                                                                  |
| Manico       |                                                                  |

**M001-xV**

**MASCHI A MACCHINA PER FORI PASSANTI, IMBOCCO CORRETTO**

FILETTATURA METRICA A PASSO GROSSO (MA) - GAMBO RINFORZATO - VAPORIZZATI



HSS DIN 371/B

| Art.     | €       | Misure    |
|----------|---------|-----------|
| M001/03V | € 6,00  | M3 x 0,50 |
| M001/04V | € 6,00  | M4 x 0,70 |
| M001/05V | € 6,70  | M5 x 0,80 |
| M001/06V | € 7,30  | M6 x 1    |
| M001/08V | € 9,20  | M8 x 1,25 |
| M001/10V | € 11,50 | M10 x 1,5 |

**M001-x**

**MASCHI A MACCHINA PER FORI PASSANTI, IMBOCCO CORRETTO**  
FILETTATURA METRICA A PASSO GROSSO (MA) - GAMBO RINFORZATO



HSS DIN 371/B

| Art.    | €      | Misure    |
|---------|--------|-----------|
| M001/3  | € 4,83 | M3 x 0,50 |
| M001/4  | € 4,83 | M4 x 0,70 |
| M001/5  | € 5,90 | M5 x 0,80 |
| M001/6  | € 6,30 | M6 x 1    |
| M001/8  | € 7,70 | M8 x 1,25 |
| M001/10 | € 9,80 | M10 x 1,5 |

**M002-**

**MASCHI A MACCHINA PER FORI PASSANTI IMBOCCO CORRETTO**  
FILETTATURA METRICA A PASSO GROSSO (MA)



HSS DIN 376/B

| Art.    | €       | Misure     |
|---------|---------|------------|
| M002/12 | € 10,70 | M12 x 1,75 |
| M002/14 | € 13,80 | M14 x 2    |
| M002/16 | € 15,40 | M16 x 2    |
| M002/18 | € 23,80 | M18 x 2,5  |
| M002/20 | € 28,30 | M20 x 2,5  |
| M002/22 | € 39,60 | M22 x 2,5  |
| M002/24 | € 43,50 | M24 x 3    |
| M002/27 | € 60,80 | M27 x 3    |
| M002/30 | € 70,50 | M30 x 3,5  |

**M003-**

**MASCHI A MACCHINA PER FORI CIECHI A FORTE TORSIONE 35°**  
FILETTATURA METRICA A PASSO GROSSO (MA) - GAMBO RINFORZATO



HSS DIN 371/C

| Art.    | €       | Misure    |
|---------|---------|-----------|
| M003/3  | € 4,83  | M3 x 0,50 |
| M003/4  | € 4,83  | M4 x 0,70 |
| M003/5  | € 5,40  | M5 x 0,80 |
| M003/6  | € 6,70  | M6 x 1    |
| M003/8  | € 8,20  | M8 x 1,25 |
| M003/10 | € 10,10 | M10 x 1,5 |

**M002-xV**

**MASCHI A MACCHINA PER FORI PASSANTI IMBOCCO CORRETTO**  
FILETTATURA METRICA A PASSO GROSSO (MA) - VAPORIZZATI



HSS DIN 376/B

| Art.     | €       | Misure     |
|----------|---------|------------|
| M002/12V | € 12,00 | M12 x 1,75 |
| M002/14V | € 15,80 | M14 x 2    |
| M002/16V | € 18,00 | M16 x 2    |
| M002/18V | € 25,50 | M18 x 2,5  |
| M002/20V | € 32,10 | M20 x 2,5  |

**M003-xV**

**MASCHI A MACCHINA PER FORI CIECHI A FORTE TORSIONE 35°**  
FILETTATURA METRICA A PASSO GROSSO (MA) - VAPORIZZATI



HSS DIN 371/C

| Art.     | €       | Misure    |
|----------|---------|-----------|
| M003/03V | € 6,00  | M3 x 0,50 |
| M003/04V | € 6,00  | M4 x 0,70 |
| M003/05V | € 7,20  | M5 x 0,80 |
| M003/06V | € 8,20  | M6 x 1    |
| M003/08V | € 9,40  | M8 x 1,25 |
| M003/10V | € 11,80 | M10 x 1,5 |

**M003-xxV**

**MASCHI A MACCHINA PER FORI CIECHI A FORTE TORSIONE 35°**  
FILETTATURA METRICA A PASSO GROSSO (MA) - VAPORIZZATI



HSS DIN 376/C

| Art.     | €       | Misure     |
|----------|---------|------------|
| M003/12V | € 14,00 | M12 x 1,75 |
| M003/14V | € 15,80 | M14 x 2    |
| M003/16V | € 18,80 | M16 x 2    |
| M003/18V | € 25,50 | M18 x 2,5  |
| M003/20V | € 32,10 | M20 x 2,5  |

## M003-xxx

**MASCHI A MACCHINA PER FORI CIECHI A FORTE TORSIONE 35°**  
FILETTATURA METRICA A PASSO GROSSO (MA)



HSS DIN 376/C

| Art.    | €       | Misure     |
|---------|---------|------------|
| M003/12 | € 11,00 | M12 x 1,75 |
| M003/14 | € 14,00 | M14 x 2    |
| M003/16 | € 16,00 | M16 x 2    |
| M003/18 | € 26,10 | M18 x 2,5  |
| M003/20 | € 28,70 | M20 x 2,5  |
| M003/22 | € 39,60 | M22 x 2,5  |
| M003/24 | € 43,40 | M24 x 3    |
| M003/27 | € 60,80 | M27 x 3    |
| M003/30 | € 70,50 | M30 x 3,5  |

## G003-

**GIRAMASCHI A CRICCHETTO**



| Art.   | €       | Maschio  | Quadro     |
|--------|---------|----------|------------|
| G003/1 | € 9,80  | M3 ÷ M8  | 1,75 ÷ 5,5 |
| G003/2 | € 12,00 | M5 ÷ M12 | 4 ÷ 8      |

## 0890-

**UTENSILE 3 IN 1, PUNTA - MASCHIO - SVASATORE**  
CON ATTACCO ESAGONALE DA 1/4"



HSS

| Art.     | €      | Maschio   | Attacco | Dimensione |
|----------|--------|-----------|---------|------------|
| 0890/M3  | € 5,50 | M3 x 0,5  | 1/4"    | 52 mm      |
| 0890/M4  | € 5,50 | M4 x 0,7  | 1/4"    | 52 mm      |
| 0890/M5  | € 6,30 | M5 x 0,8  | 1/4"    | 54 mm      |
| 0890/M6  | € 6,30 | M6 x 1    | 1/4"    | 56 mm      |
| 0890/M8  | € 7,30 | M8 x 1,25 | 1/4"    | 58 mm      |
| 0890/M10 | € 8,90 | M10 x 1,5 | 1/4"    | 60 mm      |

## G002-

**GIRAMASCHI REGOLABILI**



DIN 1814

| Art.   | €       | Maschio  | Quadro     |
|--------|---------|----------|------------|
| G002/1 | € 5,40  | M1 ÷ M10 | 1,75 ÷ 5,5 |
| G002/2 | € 7,90  | M4 ÷ M12 | 2,4 ÷ 8 mm |
| G002/3 | € 11,00 | M5 ÷ M20 | 2,7 ÷ 12   |

## 0890

€ 43,90

**UTENSILI 3 IN 1, PUNTA-MASCHIO-SVASATORE E SERIE INSERTI**  
CON PORTA INSERTI A CAMBIO RAPIDO



HSS

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| Maschi 6 Pz | M3 x 0,5 - M4 x 0,7 - M5 x 0,8 - M6 x 1 - M8 x 1,25 - M10 x 1,5 |
| Attacco     | 1/4"                                                            |
| Phillips    | 1 - 2                                                           |
| Pozi-driv   | 1 - 2                                                           |
| Taglio      | 4 - 5 mm                                                        |

## G001-

**GIRAFILIERA**



DIN 225

| Art.    | €       | Dimensioni filiera | Per filiere |
|---------|---------|--------------------|-------------|
| G001/20 | € 5,40  | 20 x 7 mm          | M4,5 ÷ M6   |
| G001/25 | € 5,40  | 25 x 9 mm          | M7 ÷ M9     |
| G001/30 | € 6,60  | 30 x 11 mm         | M10 ÷ M11   |
| G001/38 | € 10,10 | 38 x 14 mm         | M12 ÷ M14   |
| G001/45 | € 11,50 | 45 x 18 mm         | M16 ÷ M20   |
| G001/55 | € 12,40 | 55 x 22 mm         | M22 ÷ M24   |

**F121-**
**FILIERA METRICA PER PASSO MA**


HSS DIN 223

| Art.    | €       | Passo        | Dimensioni |
|---------|---------|--------------|------------|
| F121/03 | € 6,60  | 3 x 0,5 mm   | 20 x 5 mm  |
| F121/04 | € 6,60  | 4 x 0,7 mm   | 20 x 5 mm  |
| F121/05 | € 7,50  | 5 x 0,8 mm   | 20 x 7 mm  |
| F121/06 | € 8,70  | 6 x 1 mm     | 20 x 7 mm  |
| F121/08 | € 8,70  | 8 x 1,25 mm  | 25 x 9 mm  |
| F121/10 | € 9,90  | 10 x 1,5 mm  | 30 x 11 mm |
| F121/12 | € 11,50 | 12 x 1,75 mm | 38 x 14 mm |
| F121/14 | € 16,20 | 14 x 2 mm    | 38 x 14 mm |
| F121/16 | € 19,00 | 16 x 2 mm    | 45 x 18 mm |
| F121/18 | € 22,10 | 18 x 2,5 mm  | 45 x 18 mm |
| F121/20 | € 23,40 | 20 x 2,5 mm  | 45 x 18 mm |

**F122-**
**FILIERA PER FILETTATURA GAS CILINDRICA**


HSS DIN 5158/B

| Art.     | €       | Passo   | Dimensioni |
|----------|---------|---------|------------|
| F122/1/8 | € 8,60  | G1/8-28 | 30 x 11 mm |
| F122/1/4 | € 15,00 | G1/4-19 | 38 x 10 mm |
| F122/3/8 | € 18,60 | G3/8-19 | 45 x 14 mm |
| F122/1/2 | € 20,00 | G1/2-14 | 45 x 14 mm |
| F122/5/8 | € 35,80 | G5/8-14 | 55 x 16 mm |
| F122/3/4 | € 39,30 | G3/4-14 | 55 x 16 mm |
| F122/7/8 | € 43,50 | G7/8-14 | 65 x 18 mm |
| F122/1   | € 43,90 | G1-11   | 65 x 18 mm |



## E010

€ 112,00

## KIT RIPARAZIONE FILETTI M5 - M12 INOX

130 Pz HSS &amp; INOX

| Contenuto del set |                                    |
|-------------------|------------------------------------|
| Manici a "T"      | 5 Pz / 5 Pcs                       |
| Filetto           | M5=25 M6=25 M8=25 M10=25 M12=10    |
| Maschi            | xM5=1 xM6=1 xM8=1 xM10=1 xM12=1    |
| Punte             | 5,2=1 6,3=1 8,3=1 10,4=1 12,4=1 mm |
| Peso              | 2,5 kg                             |



## E010B

CAT 42 € 145,00

## KIT RIPARAZIONE FILETTI METRICI F-COIL

125 HSS &amp; INOX

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Misure             | M6 - M14 mm                                                |
| Maschi STI         | M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25 |
| Punte              | 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm                        |
| Inseriti filettati | M6=25 M8=25 M10=20 M12=15 M14=25                           |
| Utensile montaggio | 5 Pz                                                       |
| Attrezzo rottura   | 5 Pz                                                       |



## E010E

CAT 42 € 97,40

## KIT RIPARAZIONE FILETTI METRICI F-COIL

130 HSS &amp; INOX

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| Misure             | M5 - M12 mm                                              |
| Maschi             | M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 |
| Punte              | 5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm             |
| Inseriti filettati | M5=25 M6=25 M8=25 M10=25 M12=10                          |
| Utensile montaggio | 5 Pz                                                     |
| Attrezzo rottura   | 5 Pz                                                     |



## E010-

CAT 42

## KIT RIPARAZIONE FILETTI INOX

HSS &amp; INOX

| Art.     | €       | Filetto inserto | Punta   | Maschio      | Manico |
|----------|---------|-----------------|---------|--------------|--------|
| E010/M05 | € 24,70 | M5              | 5,2 mm  | x M5         | 2      |
| E010/M06 | € 26,80 | M6              | 6,3 mm  | x M6         | 2      |
| E010/M08 | € 29,50 | M8              | 8,3 mm  | x M8         | 2      |
| E010/M10 | € 35,60 | M10             | 10,4 mm | x M10        | 2      |
| E010/M12 | € 37,70 | M12             | 12,4 mm | x M12        | 2      |
| E010/M14 | € 45,10 | M14 x 1,25      | 14,4 mm | x M14 x 1,25 | 2      |



**E011A**
**CAT 42 € 149,00**
**KIT RIPARAZIONE FILETTI METRICI F-COIL**
 130  HSS & INOX

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| Misure             | M5 - M12 mm                                              |
| Maschi STI         | M5 x 0.8 - M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 |
| Punte              | 5.2 mm - 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm             |
| Inseri filettati   | M5=25 M6=25 M8=25 M10=25 M12=10                          |
| Utensile montaggio | 5 Pz                                                     |
| Attrezzo rottura   | 5 Pz                                                     |


**E011B**
**CAT 42 € 175,00**
**KIT RIPARAZIONE FILETTI METRICI F-COIL**
 113  HSS & INOX

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Misure             | M6 - M14 mm                                                |
| Maschi STI         | M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25 |
| Punte              | 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm                        |
| Inseri filettati   | M6=25 M8=25 M10=25 M12=10 M14=10                           |
| Utensile montaggio | 5 Pz                                                       |
| Attrezzo rottura   | 4 Pz                                                       |


**E011C**
**CAT 42 € 103,00**
**KIT RIPARAZIONE FILETTI METRICI F-COIL**
 87  HSS & INOX

|                    |                                  |
|--------------------|----------------------------------|
| Misure             | M6 - M10 mm                      |
| Maschi             | M6 x 1.0 - M8 x 1.25 - M10 x 1.5 |
| Punte              | 6.3 mm - 8.3 mm - 10.4 mm        |
| Inseri filettati   | M6 25 Pz - M8 25 Pz - M10 25 Pz  |
| Utensile montaggio | 3 Pz                             |
| Attrezzo rottura   | 3 Pz                             |


**E011D**
**CAT 42 € 185,00**
**KIT RIPARAZIONE FILETTI METRICI F-COIL**

MISURA DA 14 mm SPECIFICA PER CANDELE AUTO

 113  HSS & INOX

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Misure             | M6 - M14 mm                                                |
| Maschi             | M6 x 1.0 - M8 x 1.25 - M10 x 1.5 - M12 x 1.75 - M14 x 1.25 |
| Punte              | 6.3 mm - 8.3 mm - 10.4 mm - 12.4 mm                        |
| Inseri filettati   | M6 25 Pz - M8 25 Pz - M10 25 Pz - M12 10 Pz - M14 10 Pz    |
| Utensile montaggio | 5 Pz                                                       |
| Attrezzo rottura   | 4 Pz                                                       |



## E011-Mx1

CAT 42

## KIT RIPARAZIONE FILETTI METRICI F-COIL

HSS &amp; INOX

| Art.          | €       | Dimensioni   | Punta     | Utensile<br>montaggio | Attrezzo<br>rottura | Inserti<br>filettati |
|---------------|---------|--------------|-----------|-----------------------|---------------------|----------------------|
| E011/M020X040 | € 23,90 | M 2 x 0.4    | Ø 2.1 mm  | E011/U02              | E011/A02            | 20                   |
| E011/M025X045 | € 23,90 | M 2.5 x 0.45 | Ø 2.6 mm  | E011/U03              | E011/A03            | 20                   |
| E011/M030X050 | € 23,90 | M 3 x 0.5    | Ø 3.2 mm  | E011/U04              | E011/A04            | 20                   |
| E011/M035X060 | € 23,90 | M 3.5 x 0.6  | Ø 3.7 mm  | E011/U05              | E011/A05            | 20                   |
| E011/M040X070 | € 23,90 | M 4 x 0.7    | Ø 4.2 mm  | E011/U06              | E011/A06            | 20                   |
| E011/M050X080 | € 24,70 | M 5 x 0.8    | Ø 5.2 mm  | E011/U08              | E011/A08            | 20                   |
| E011/M060X100 | € 26,20 | M 6 x 1.0    | Ø 6.3 mm  | E011/U09              | E011/A09            | 20                   |
| E011/M070X100 | € 32,50 | M 7 x 1.0    | Ø 7.3 mm  | E011/U10              | E011/A11            | 20                   |
| E011/M080X100 | € 32,50 | M 8 x 1.0    | Ø 8.3 mm  | E011/U11              | E011/A11            | 20                   |
| E011/M080X125 | € 32,50 | M 8 x 1.25   | Ø 8.3 mm  | E011/U11              | E011/A11            | 20                   |
| E011/M090X100 | € 32,50 | M 9 x 1.0    | Ø 9.3 mm  | E011/U12              | E011/A12            | 10                   |
| E011/M090X125 | € 36,50 | M 9 x 1.25   | Ø 9.3 mm  | E011/U12              | E011/A12            | 15                   |
| E011/M100X100 | € 34,90 | M 10 x 1.0   | Ø 10.3 mm | E011/U13              | E011/A13            | 15                   |
| E011/M100X125 | € 34,90 | M 10 x 1.25  | Ø 10.3 mm | E011/U13              | E011/A13            | 15                   |
| E011/M100X150 | € 34,90 | M 10 x 1.5   | Ø 10.4 mm | E011/U13              | E011/A13            | 15                   |
| E011/M110X150 | € 38,80 | M 11 x 1.5   | Ø 11.4 mm | E011/U14              | E011/A14            | 10                   |
| E011/M120X100 | € 38,80 | M 12 x 1.0   | Ø 12.3 mm | E011/U15              | E011/A15            | 10                   |
| E011/M120X125 | € 38,80 | M 12 x 1.25  | Ø 12.3 mm | E011/U15              | E011/A15            | 10                   |
| E011/M120X150 | € 38,80 | M 12 x 1.5   | Ø 12.4 mm | E011/U15              | E011/A15            | 10                   |
| E011/M120X175 | € 38,80 | M 12 x 1.75  | Ø 12.4 mm | E011/U15              | E011/A15            | 10                   |
| E011/M140X100 | € 45,10 | M 14 x 1.0   |           | E011/U16              |                     | 10                   |
| E011/M140X125 | € 45,10 | M 14 x 1.25  |           | E011/U16              |                     | 10                   |
| E011/M140X150 | € 45,10 | M 14 x 1.5   |           | E011/U17              |                     | 10                   |
| E011/M140X200 | € 45,10 | M 14 x 2.0   |           | E011/U17              |                     | 10                   |



| Art.          | €       | Dimensioni | Punta | Utensile<br>montaggio | Attrezzo<br>rottura | Inserti<br>filettati |
|---------------|---------|------------|-------|-----------------------|---------------------|----------------------|
| E011/M160X150 | € 53,00 | M 16 x 1.5 |       | E011/U18              |                     | 10                   |
| E011/M160X200 | € 53,00 | M 16 x 2.0 |       | E011/U18              |                     | 10                   |
| E011/M180X150 | € 62,50 | M 18 x 1.5 |       | E011/U20              |                     | 5                    |
| E011/M180X200 | € 62,50 | M 18 x 2.0 |       | E011/U20              |                     | 5                    |
| E011/M180X250 | € 62,50 | M 18 x 2.5 |       | E011/U20              |                     | 5                    |
| E011/M200X150 | € 68,00 | M 20 x 1.5 |       | E011/U21              |                     | 5                    |
| E011/M200X200 | € 68,00 | M 20 x 2.0 |       | E011/U21              |                     | 5                    |
| E011/M200X250 | € 68,00 | M 20 x 2.5 |       | E011/U21              |                     | 5                    |
| E011/M220X150 | € 77,40 | M 22 x 1.5 |       | E011/U22              |                     | 5                    |
| E011/M220X200 | € 77,40 | M 22 x 2.0 |       | E011/U22              |                     | 5                    |
| E011/M220X250 | € 77,40 | M 22 x 2.5 |       | E011/U22              |                     | 5                    |
| E011/M240X150 | € 87,70 | M 24 x 1.5 |       | E011/U23              |                     | 5                    |
| E011/M240X200 | € 87,70 | M 24 x 2.0 |       | E011/U23              |                     | 5                    |
| E011/M240X300 | € 87,70 | M 24 x 3.0 |       | E011/U23              |                     | 5                    |

## E011-Mx2

CAT 42

## KIT RIPARAZIONE FILETTI METRICI F-COIL

HSS &amp; INOX

| Art.          | €         | Dimensioni    | Maschi         | Utensile<br>montaggio | Inserti filettati | Quantità inserti |
|---------------|-----------|---------------|----------------|-----------------------|-------------------|------------------|
| E011/M260X150 | € 250,00  | M 26 x 1.5 mm | E011/M260X150M | E011/UM260X150        | E010/M260X150E15  | 10               |
| E011/M270X150 | € 250,00  | M 27 x 1.5 mm | E011/M270X150M | E011/UM270X150        | E010/M270X150E15  | 10               |
| E011/M270X200 | € 250,00  | M 27 x 2.0 mm | E011/M270X200M | E011/UM270X200        | E010/M270X200E15  | 10               |
| E011/M270X300 | € 250,00  | M 27 x 3.0 mm | E011/M270X300M | E011/UM270X300        | E010/M270X300E15  | 10               |
| E011/M280X150 | € 250,00  | M 28 x 1.5 mm | E011/M280X150M | E011/UM280X150        | E010/M280X150E15  | 10               |
| E011/M300X150 | € 297,00  | M 30 x 1.5 mm | E011/M300X150M | E011/UM300X150        | E010/M300X150E15  | 10               |
| E011/M300X200 | € 297,00  | M 30 x 2.0 mm | E011/M300X200M | E011/UM300X200        | E010/M300X200E15  | 10               |
| E011/M300X350 | € 297,00  | M 30 x 3.5 mm | E011/M300X350M | E011/UM300X350        | E010/M300X350E15  | 10               |
| E011/M330X200 | € 306,00  | M 33 x 2.0 mm | E011/M330X200M | E011/UM330X200        | E010/M330X200E15  | 10               |
| E011/M330X350 | € 306,00  | M 33 x 3.5 mm | E011/M330X350M | E011/UM330X350        | E010/M330X350E15  | 10               |
| E011/M360X150 | € 327,00  | M 36 x 1.5 mm | E011/M360X150M | E011/UM360X150        | E010/M360X150E15  | 10               |
| E011/M360X200 | € 327,00  | M 36 x 2.0 mm | E011/M360X200M | E011/UM360X200        | E010/M360X200E15  | 10               |
| E011/M360X300 | € 327,00  | M 36 x 3.0 mm | E011/M360X300M | E011/UM360X300        | E010/M360X300E15  | 10               |
| E011/M360X400 | € 327,00  | M 36 x 4.0 mm | E011/M360X400M | E011/UM360X400        | E010/M360X400E15  | 10               |
| E011/M390X300 | € 415,00  | M 39 x 3.0 mm | E011/M390X300M | E011/UM390X300        | E010/M390X300E15  | 10               |
| E011/M390X400 | € 476,00  | M 39 x 4.0 mm | E011/M390X400M | E011/UM390X400        | E010/M390X400E15  | 10               |
| E011/M400X300 | € 476,00  | M 40 x 3.0 mm | E011/M400X300M | E011/UM400X300        | E010/M400X300E15  | 10               |
| E011/M420X300 | € 476,00  | M 42 x 3.0 mm | E011/M420X300M | E011/UM420X300        | E010/M420X300E15  | 10               |
| E011/M420X450 | € 638,00  | M 42 x 4.5 mm | E011/M420X450M | E011/UM420X450        | E010/M420X450E15  | 10               |
| E011/M450X300 | € 577,00  | M 45 x 3.0 mm | E011/M450X300M | E011/UM450X300        | E010/M450X300E15  | 10               |
| E011/M450X450 | € 658,00  | M 45 x 4.5 mm | E011/M450X450M | E011/UM450X450        | E010/M450X450E15  | 10               |
| E011/M480X300 | € 577,00  | M 48 x 3.0 mm | E011/M480X300M | E011/UM480X300        | E010/M480X300E15  | 10               |
| E011/M480X500 | € 805,00  | M 48 x 5.0 mm | E011/M480X500M | E011/UM480X500        | E010/M480X500E15  | 10               |
| E011/M500X300 | € 638,00  | M 50 x 3.0 mm | E011/M500X300M | E011/UM500X300        | E010/M500X300E15  | 10               |
| E011/M520X300 | € 861,00  | M 52 x 3.0 mm | E011/M520X300M | E011/UM520X300        | E010/M520X300E15  | 10               |
| E011/M520X500 | € 1000,00 | M 52 x 5.0 mm | E011/M520X500M | E011/UM520X500        | E010/M520X500E15  | 10               |



**E011-MxC**
**CAT 42**
**KIT RIPARAZIONE FILETTI METRICI CANDELE F-COIL**

HSS &amp; INOX

| Art.           | €       | D              | Utensile montaggio | Inseriti filettati                                             |
|----------------|---------|----------------|--------------------|----------------------------------------------------------------|
| E011/M060X100C | € 37,90 | M 6 x 1.0 mm   | E011/U09           | 10                                                             |
| E011/M080X125C | € 37,90 | M 8 x 1.25 mm  | E011/U11           | 10                                                             |
| E011/M100X100C | € 40,20 | M 10 x 1.0 mm  | E011/U13           | 10                                                             |
| E011/M100X125C | € 40,20 | M 10 x .25 mm  | E011/U13           | 10                                                             |
| E011/M100X150C | € 40,20 | M 10 x 1.5 mm  | E011/U13           | 10                                                             |
| E011/M120X125C | € 47,60 | M 12 x 1.25 mm | E011/U15           | 10                                                             |
| E011/M140X125C | € 54,00 | M 14 x 1.25 mm | E011/U17           | 5 x E010/M140X125E084 - 5 x E010/M140X125E124 - 5 x E010/M140X |


**E010-MxExC**
**CAT 42**
**INSERTO FILETTATO INOX**


CONFEZIONI DA 10\* PEZZI

| Art.              | €      | Dimensioni     | H       |
|-------------------|--------|----------------|---------|
| E010/M140X125E084 | € 0,70 | M 14 x 1.25 mm | 8.4 mm  |
| E010/M140X125E124 | € 0,62 | M 14 x 1.25 mm | 12.4 mm |
| E010/M140X125E164 | € 0,69 | M 14 x 1.25 mm | 16.4 mm |

**E011/M140X125MCB**
**CAT 42 € 33,90**
**MASCHIO COMBINATO**


|         |             |
|---------|-------------|
| Misura  | M 16 x 1.25 |
| Esagono | 18 mm       |
| L       | 70 mm       |

**E011/M140X125B**
**CAT 42 € 57,50**
**KIT METRICO DI RIPARAZIONE CON FILETTI A BUSSOLA PER CANDELE**


|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Maschi STI         | M 16 x 1.25                                                  |
| Inseriti filettati | 4 x H 9.5 mm - 4 x H 11.2 mm - 4 x H 12.7 mm - 4 x H 17.5 mm |

**E011-M140x125Ex**
**CAT 42**
**KIT FILETTI A BUSSOLA PER CANDELE**

CONFEZIONI DA 10\* PEZZI

| Art.              | €      | D              | H       |
|-------------------|--------|----------------|---------|
| E011/M140X125E095 | € 3,39 | M 14 x 1.25 mm | 9.5 mm  |
| E011/M140X125E112 | € 3,55 | M 14 x 1.25 mm | 11.2 mm |
| E011/M140X125E127 | € 3,55 | M 14 x 1.25 mm | 12.7 mm |
| E011/M140X125E175 | € 3,78 | M 14 x 1.25 mm | 17.5 mm |



## E011/MC

CAT 42 € 168,00

### KIT METRICA DI RIPARAZIONE CON FILETTI A BUSSOLA PER CANDELETTE



HSS &amp; INOX

|            |                                                       |
|------------|-------------------------------------------------------|
| Misure     | 8 mm - 10 mm - 12 mm                                  |
| Maschi STI | M8x1 - M10x1 - M10x1.25 - M12x1 - M12x1.25 - M14x1.25 |

## E011/BSW

CAT 42 € 199,00

### KIT RIPARAZIONE FILETTI BSW F-COIL 1/4-1/2



115 HSS &amp; INOX

|                    |                                              |
|--------------------|----------------------------------------------|
| Misure             | BSW 1/4" - 1/2"                              |
| Maschi STI         | 1/4"x20-5/16"x18-3/8"x16-7/16"x14-1/2"x12    |
| Punte              | 6.6 mm - 8.3 mm - 9.9 mm - 11.5 mm - 13.0 mm |
| Inserti filettati  | 1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10    |
| Utensile montaggio | 5 Pz                                         |
| Attrezzo rottura   | 5 Pz                                         |

## E011-BSWx

CAT 42

### KIT RIPARAZIONE FILETTI BSW F-COIL

HSS &amp; INOX

| Art.         | €       | Dimensioni    | Punta      | Utensile<br>montaggio | Attrezzo<br>rottura | Inserti<br>filettati |
|--------------|---------|---------------|------------|-----------------------|---------------------|----------------------|
| E011/BSW1/8  | € 31,20 | 1/8" x 40 mm  | Ø 3.4 mm   | E011/U04              | E011/A4             | 20                   |
| E011/BSW3/16 | € 31,20 | 3/16" x 24 mm | Ø 5.0 mm   | E011/U08              | E011/A8             | 20                   |
| E011/BSW1/4  | € 28,30 | 1/4" x 20 mm  | Ø 6.7 mm   | E011/U09              | E011/A9             | 20                   |
| E011/BSW5/16 | € 34,20 | 5/16" x 18 mm | Ø 8.3 mm   | E011/U10              | E011/A11            | 20                   |
| E011/BSW3/8  | € 36,30 | 3/8" x 16 mm  | Ø 9.9 mm   | E011/U12              | E011/A12            | 15                   |
| E011/BSW7/16 | € 40,40 | 7/16" x 14 mm | Ø 11.5 mm  | E011/U14              | E011/A14            | 10                   |
| E011/BSW1/2  | € 44,10 | 1/2" x 12 mm  | Ø 13.0 mm  | E011/U15              | E011/A15            | 10                   |
| E011/BSW9/16 | € 58,20 | 9/16" x 12 mm | Ø 14.8 mm  | E011/U16              |                     | 10                   |
| E011/BSW5/8  | € 58,20 | 5/8" x 11 mm  | Ø 16.50 mm | E011/U18              |                     | 10                   |
| E011/BSW3/4  | € 73,60 | 3/4" x 10 mm  | Ø 20.0 mm  | E011/U20              |                     | 5                    |
| E011/BSW7/8  | € 88,90 | 7/8" x 9 mm   | Ø 23.0 mm  | E011/U22              |                     | 5                    |
| E011/BSW1    | € 84,90 | 1" x 8 mm     | Ø 26.5 mm  | E011/U23              |                     | 4                    |



## E011/BSF

CAT 42 € 199,00

### KIT RIPARAZIONE FILETTI BSF F-COIL 1/4-1/2



115 HSS &amp; INOX

|                    |                                              |
|--------------------|----------------------------------------------|
| Misure             | BSF 1/4" - 1/2"                              |
| Maschi STI         | 1/4"x26-5/16"x22-3/8"x20-7/16"x18-1/2"x16    |
| Punte              | 6.6 mm - 8.3 mm - 9.9 mm - 11.5 mm - 13.0 mm |
| Inserti filettati  | 1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10    |
| Utensile montaggio | 5 Pz                                         |
| Attrezzo rottura   | 5 Pz                                         |

**E011-BSFx**
**CAT 42**
**KIT RIPARAZIONE FILETTI BSF F-COIL**

HSS &amp; INOX

| Art.         | €       | Dimensioni    | Punta     | Utensile montaggio | Attrezzo rottura | Inserti filettati |
|--------------|---------|---------------|-----------|--------------------|------------------|-------------------|
| E011/BSF3/16 | € 31,20 | 3/16" x 32 mm | Ø 5.0 mm  | E011/U07           | E011/A06         | 20                |
| E011/BSF1/4  | € 28,30 | 1/4" x 26 mm  | Ø 6.6 mm  | E011/U09           | E011/A09         | 20                |
| E011/BSF5/16 | € 34,20 | 5/16" x 22 mm | Ø 8.3 mm  | E011/U11           | E011/A11         | 20                |
| E011/BSF3/8  | € 36,30 | 3/8" x 20 mm  | Ø 9.9 mm  | E011/U13           | E011/A13         | 15                |
| E011/BSF7/16 | € 40,40 | 7/16" x 18 mm | Ø 11.5 mm | E011/U14           | E011/A14         | 10                |
| E011/BSF1/2  | € 44,10 | 1/2" x 16 mm  | Ø 13.0 mm | E011/U15           | E011/A15         | 10                |
| E011/BSF9/16 | € 58,20 | 9/16" x 16 mm | Ø 14.8 mm | E011/U16           |                  | 10                |
| E011/BSF5/8  | € 58,20 | 5/8" x 14 mm  | Ø 16.4 mm | E011/U18           |                  | 10                |
| E011/BSF3/4  | € 73,60 | 3/4" x 12 mm  | Ø 19.5 mm | E011/U20           |                  | 5                 |
| E011/BSF7/8  | € 88,90 | 7/8" x 11 mm  | Ø 22.7 mm | E011/U22           |                  | 5                 |
| E011/BSF1    | € 84,90 | 1" x 10 mm    | Ø 26.5 mm | E011/U23           |                  | 4                 |


**E011-BSPx**
**CAT 42**
**KIT RIPARAZIONE FILETTI BSP F-COIL**

HSS &amp; INOX

| Art.        | €        | Dimensioni   | Maschi       | Inserti filettati | Quantità inserti |
|-------------|----------|--------------|--------------|-------------------|------------------|
| E011/BSP1/8 | € 63,40  | 1/8" x 28 mm | E011/BSP1/8M | E010/BSP1/8ME15   | 10               |
| E011/BSP1/4 | € 71,40  | 1/4" x 19 mm | E011/BSP1/4M | E010/BSP1/4ME15   | 10               |
| E011/BSP3/8 | € 78,40  | 3/8" x 19 mm | E011/BSP3/8M | E010/BSP3/8ME15   | 10               |
| E011/BSP1/2 | € 100,00 | 1/2" x 14 mm | E011/BSP1/2M | E010/BSP1/2ME15   | 10               |
| E011/BSP5/8 | € 204,00 | 5/8" x 14 mm | E011/BSP5/8M | E010/BSP5/8ME15   | 10               |
| E011/BSP3/4 | € 204,00 | 3/4" x 14 mm | E011/BSP3/4M | E010/BSP3/4ME15   | 10               |
| E011/BSP7/8 | € 283,00 | 7/8" x 14 mm | E011/BSP7/8M | E010/BSP7/8ME15   | 10               |
| E011/BSP1   | € 286,00 | 1" x 11 mm   | E011/BSP1M   | E010/BSP1ME15     | 10               |


**E011/UNC**
**CAT 42 € 199,00**
**SERIE RIPARAZIONE FILETTI UNC F-COIL 1/4-1/2**

115 HSS &amp; INOX

|                    |                                              |
|--------------------|----------------------------------------------|
| Misure             | UNC 1/4" - 1/2"                              |
| Maschi STI         | 1/4"x20-5/16"x18-3/8"x16-7/16"x14-1/2"x13    |
| Punte              | 6.7 mm - 8.3 mm - 9.8 mm - 11.5 mm - 13.0 mm |
| Inserti filettati  | 1/4"=25 5/16"=25 3/8"=25 7/16"=10 1/2"=10    |
| Utensile montaggio | 5 Pz                                         |
| Attrezzo rottura   | 5 Pz                                         |


**E011-UNCx**
**CAT 42**
**KIT RIPARAZIONE FILETTI UNC F-COIL**

HSS &amp; INOX

| Art.         | €       | Dimensioni    | Punte      | Utensile montaggio | Attrezzo rottura | Inserti filettati |
|--------------|---------|---------------|------------|--------------------|------------------|-------------------|
| E011/UNCN02  | € 33,50 | 2" x 56 mm    | Ø 2.4 mm   | E011/U02           | E011/A02         | 20                |
| E011/UNCN04  | € 30,40 | 4" x 40 mm    | Ø 3.1 mm   | E011/U04           | E011/A04         | 20                |
| E011/UNCN05  | € 30,40 | 5" x 40 mm    | Ø 3.4 mm   | E011/U04           | E011/A04         | 20                |
| E011/UNCN06  | € 30,40 | 6" x 32 mm    | Ø 3.8 mm   | E011/U05           | E011/A05         | 20                |
| E011/UNCN08  | € 30,40 | 8" x 32 mm    | Ø 4.4 mm   | E011/U06           | E011/A06         | 20                |
| E011/UNCN10  | € 30,40 | 10" x 24 mm   | Ø 5.2 mm   | E011/U07           | E011/A06         | 20                |
| E011/UNCN12  | € 30,40 | 12" x 24 mm   | Ø 5.8 mm   | E011/U08           | E011/A08         | 20                |
| E011/UNC1/4  | € 27,50 | 1/4" x 20 mm  | Ø 6.7 mm   | E011/U09           | E011/A09         | 20                |
| E011/UNC5/16 | € 33,40 | 5/16" x 18 mm | Ø 8.3 mm   | E011/U10           | E011/A11         | 20                |
| E011/UNC3/8  | € 35,50 | 3/8" x 16 mm  | Ø 9.9 mm   | E011/U06           | E011/A06         | 20                |
| E011/UNC7/16 | € 39,60 | 7/16" x 14 mm | Ø 11.6 mm  | E011/U14           | E011/A14         | 10                |
| E011/UNC1/2  | € 43,40 | 1/2" x 13 mm  | Ø 13.0 mm  | E011/U15           | E011/A15         | 10                |
| E011/UNC9/16 | € 57,40 | 9/16" x 12 mm | Ø 14.8 mm  | E011/U16           |                  | 10                |
| E011/UNC5/8  | € 57,40 | 5/8" x 1 mm   | Ø 16.5 mm  | E011/U18           |                  | 10                |
| E011/UNC3/4  | € 72,80 | 3/4" x 10 mm  | Ø 19.75 mm | E011/U20           |                  | 5                 |
| E011/UNC7/8  | € 88,10 | 7/8" x 9 mm   | Ø 23.0 mm  | E011/U22           |                  | 5                 |
| E011/UNC1    | € 84,10 | 1" x 8 mm     | Ø 26.25 mm | E011/U23           |                  | 4                 |



## E011/UNF

CAT 42 € 199,00

## KIT RIPARAZIONE FILETTI UNF F-COIL 1/4-1/2

115 HSS &amp; INOX

|                    |                                              |
|--------------------|----------------------------------------------|
| Misure             | UNF 1/4" - 1/2"                              |
| Maschi STI         | 1/4"x28-5/16"x24-3/8"x24-7/16"x20-1/2"x20    |
| Punte              | 6.7 mm - 8.3 mm - 9.8 mm - 11.5 mm - 13.0 mm |
| Inserti filettati  | 1/4"=25 5/16"=25 3/8"=25 7/16"=10 - 1/2"=10  |
| Utensile montaggio | 5 Pz                                         |
| Attrezzo rottura   | 5 Pz                                         |



## E011-UNFx

CAT 42

## KIT RIPARAZIONE FILETTI UNF F-COIL

HSS &amp; INOX

| Art.         | €       | Dimensione | Punte      | Utensile montaggio | Attrezzo rottura | Inserti filettati |
|--------------|---------|------------|------------|--------------------|------------------|-------------------|
| E011/UNFN06  | € 30,40 | 6" x 40    | Ø 3.8 mm   | E011/U05           | E011/A05         | 20                |
| E011/UNFN08  | € 30,40 | 8" x 36    | Ø 4.4 mm   | E011/U06           | E011/A06         | 20                |
| E011/UNFN10  | € 30,40 | 10" x 32   | Ø 5.1 mm   | E011/U08           | E011/A08         | 20                |
| E011/UNF1/4  | € 27,50 | 1/4" x 28  | Ø 6.7 mm   | E011/U09           | E011/A09         | 20                |
| E011/UNF5/16 | € 33,40 | 5/16" x 24 | Ø 8.3 mm   | E011/U11           | E011/A11         | 20                |
| E011/UNF3/8  | € 35,50 | 3/8" x 24  | Ø 9.8 mm   | E011/U13           | E011/A13         | 15                |
| E011/UNF7/16 | € 39,60 | 7/16" x 20 | Ø 11.5 mm  | E011/U14           | E011/A14         | 10                |
| E011/UNF1/2  | € 43,40 | 1/2" x 20  | Ø 13.0 mm  | E011/U15           | E011/A15         | 10                |
| E011/UNF9/16 | € 57,40 | 9/16" x 18 | Ø 14.8 mm  | E011/U16           |                  | 10                |
| E011/UNF5/8  | € 57,40 | 5/8" x 18  | Ø 16.25 mm | E011/U18           |                  | 10                |
| E011/UNF3/4  | € 72,80 | 3/4" x 16  | Ø 19.5 mm  | E011/U21           |                  | 5                 |
| E011/UNF7/8  | € 88,10 | 7/8" x 14  | Ø 22.75 mm | E011/U22           |                  | 5                 |
| E011/UNF1    | € 84,10 | 1" x 12    | Ø 26.0 mm  | E011/U23           |                  | 4                 |



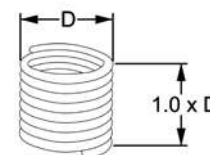
## E010-MxE1

CAT 42

## INSERTO FILETTATO INOX H=1XD

CONFEZIONI DA 25\* PEZZI FINO AL M10,  
CONFEZIONI DA 10\* PEZZI DAL M11 AL M20,  
CONFEZIONI DA 5\* PEZZI DAL M22

| Art.            | €      | D               | Art.            | €      | D              | Art.            | €      | D             |
|-----------------|--------|-----------------|-----------------|--------|----------------|-----------------|--------|---------------|
| E010/M020X040E1 | € 0,59 | M 2 x 0.4 mm    | E010/M100X125E1 | € 0,29 | M 10 x 1.25 mm | E010/M180X150E1 | € 1,19 | M 18 x 1.5 mm |
| E010/M022X045E1 | € 0,59 | M 2.2 x 0.45 mm | E010/M100X150E1 | € 0,29 | M 10 x 1.5 mm  | E010/M180X200E1 | € 1,19 | M 18 x 2.0 mm |
| E010/M025X045E1 | € 0,18 | M 2.5 x 0.45 mm | E010/M110X150E1 | € 0,48 | M 11 x 1.5 mm  | E010/M180X250E1 | € 1,19 | M 18 x 2.5 mm |
| E010/M030X050E1 | € 0,18 | M 3 x 0.5 mm    | E010/M120X100E1 | € 0,43 | M 12 x 1.0 mm  | E010/M200X150E1 | € 1,38 | M 20 x 1.5 mm |
| E010/M035X060E1 | € 0,20 | M 3.5 x 0.6 mm  | E010/M120X125E1 | € 0,43 | M 12 x 1.25 mm | E010/M200X200E1 | € 1,38 | M 20 x 2.0 mm |
| E010/M040X070E1 | € 0,18 | M 4 x 0.7 mm    | E010/M120X150E1 | € 0,43 | M 12 x 1.5 mm  | E010/M200X250E1 | € 1,38 | M 20 x 2.5 mm |
| E010/M050X080E1 | € 0,20 | M 5 x 0.8 mm    | E010/M120X175E1 | € 0,43 | M 12 x 1.75 mm | E010/M220X150E1 | € 1,50 | M 22 x 1.5 mm |
| E010/M060X100E1 | € 0,22 | M 6 x 1.0 mm    | E010/M140X100E1 | € 0,73 | M 14 x 1.0 mm  | E010/M220X200E1 | € 1,50 | M 22 x 2.0 mm |
| E010/M070X100E1 | € 0,24 | M 7 x 1.0 mm    | E010/M140X125E1 | € 0,60 | M 14 x 1.25 mm | E010/M220X250E1 | € 1,50 | M 22 x 2.5 mm |
| E010/M080X100E1 | € 0,27 | M 8 x 1.0 mm    | E010/M140X150E1 | € 0,60 | M 14 x 1.5 mm  | E010/M240X150E1 | € 1,88 | M 24 x 1.5 mm |
| E010/M080X125E1 | € 0,23 | M 8 x 1.25 mm   | E010/M140X200E1 | € 0,60 | M 14 x 2.0 mm  | E010/M240X200E1 | € 1,88 | M 24 x 2.0 mm |
| E010/M090X125E1 | € 0,32 | M 9 x 1.25 mm   | E010/M160X150E1 | € 0,82 | M 16 x 1.5 mm  | E010/M240X300E1 | € 1,88 | M 24 x 3.0 mm |
| E010/M100X100E1 | € 0,29 | M 10 x 1.0 mm   | E010/M160X200E1 | € 0,82 | M 16 x 2.0 mm  |                 |        |               |



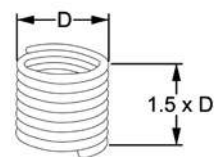
## E010-MxE15

CAT 42

## INSERTO FILETTATO INOX H=1,5XD

CONFEZIONI DA 25\* PEZZI FINO AL M10,  
CONFEZIONI DA 10\* PEZZI DAL M11 AL M20,  
CONFEZIONI DA 5\* PEZZI DAL M22

| Art.             | €      | D               | Art.             | €      | D              | Art.             | €       | D             |
|------------------|--------|-----------------|------------------|--------|----------------|------------------|---------|---------------|
| E010/M020X040E15 | € 0,77 | M 2 x 0.4 mm    | E010/M140X125E15 | € 0,58 | M 14 x 1.25 mm | E010/M300X150E15 | € 4,58  | M 30 x 1.5 mm |
| E010/M022X045E15 | € 0,77 | M 2.2 x 0.45 mm | E010/M140X150E15 | € 0,58 | M 14 x 1.50 mm | E010/M300X200E15 | € 4,58  | M 30 x 2.0 mm |
| E010/M025X045E15 | € 0,19 | M 2.5 x 0.45 mm | E010/M140X200E15 | € 0,58 | M 14 x 2.0 mm  | E010/M300X350E15 | € 4,58  | M 30 x 3.5 mm |
| E010/M030X050E15 | € 0,19 | M 3 x 0.5 mm    | E010/M160X150E15 | € 0,67 | M 16 x 1.5 mm  | E010/M330X200E15 | € 5,40  | M 33 x 2.0 mm |
| E010/M035X060E15 | € 0,22 | M 3.5 x 0.6 mm  | E010/M160X200E15 | € 0,67 | M 16 x 2.0 mm  | E010/M330X350E15 | € 5,40  | M 33 x 3.5 mm |
| E010/M040X070E15 | € 0,19 | M 4 x 0.7 mm    | E010/M180X150E15 | € 1,04 | M 18 x 1.5 mm  | E010/M360X150E15 | € 5,40  | M 36 x 1.5 mm |
| E010/M050X080E15 | € 0,17 | M 5 x 0.8 mm    | E010/M180X200E15 | € 1,04 | M 18 x 2.0 mm  | E010/M360X200E15 | € 5,40  | M 36 x 2.0 mm |
| E010/M060X100E15 | € 0,18 | M 6 x 1.0 mm    | E010/M180X250E15 | € 1,04 | M 18 x 2.5 mm  | E010/M360X300E15 | € 5,40  | M 36 x 3.0 mm |
| E010/M070X100E15 | € 0,29 | M 7 x 1.0 mm    | E010/M200X150E15 | € 1,33 | M 20 x 1.5 mm  | E010/M360X400E15 | € 5,40  | M 36 x 4.0 mm |
| E010/M080X100E15 | € 0,27 | M 8 x 1.0 mm    | E010/M200X200E15 | € 1,33 | M 20 x 2.0 mm  | E010/M390X300E15 | € 11,80 | M 39 x 3.0 mm |
| E010/M080X125E15 | € 0,23 | M 8 x 1.25 mm   | E010/M200X250E15 | € 1,33 | M 20 x 2.5 mm  | E010/M390X400E15 | € 11,80 | M 39 x 4.0 mm |
| E010/M090X100E15 | € 0,50 | M 9 x 1.0 mm    | E010/M220X150E15 | € 1,88 | M 22 x 1.5 mm  | E010/M400X300E15 | € 16,50 | M 40 x 3.0 mm |
| E010/M090X125E15 | € 0,43 | M 9 x 1.25 mm   | E010/M220X200E15 | € 1,88 | M 22 x 2.0 mm  | E010/M420X300E15 | € 16,50 | M 42 x 3.0 mm |
| E010/M100X100E15 | € 0,32 | M 10 x 1.0 mm   | E010/M220X250E15 | € 1,88 | M 22 x 2.5 mm  | E010/M420X450E15 | € 16,50 | M 42 x 4.5 mm |
| E010/M100X125E15 | € 0,32 | M 10 x 1.25 mm  | E010/M240X150E15 | € 2,00 | M 24 x 1.5 mm  | E010/M450X300E15 | € 19,80 | M 45 x 3.0 mm |
| E010/M100X150E15 | € 0,32 | M 10 x 1.5 mm   | E010/M240X200E15 | € 2,00 | M 24 x 2.0 mm  | E010/M450X450E15 | € 19,80 | M 45 x 4.5 mm |
| E010/M110X150E15 | € 0,54 | M 11 x 1.5 mm   | E010/M240X300E15 | € 2,00 | M 24 x 3.0 mm  | E010/M480X300E15 | € 19,80 | M 48 x 3.0 mm |
| E010/M120X100E15 | € 0,49 | M 12 x 1.0 mm   | E010/M260X150E15 | € 3,75 | M 26 x 1.5 mm  | E010/M480X500E15 | € 26,00 | M 48 x 5.0 mm |
| E010/M120X125E15 | € 0,49 | M 12 x 1.25 mm  | E010/M270X150E15 | € 3,75 | M 27 x 1.5 mm  | E010/M500X300E15 | € 26,00 | M 50 x 3.0 mm |
| E010/M120X150E15 | € 0,49 | M 12 x 1.5 mm   | E010/M270X200E15 | € 3,75 | M 27 x 2.0 mm  | E010/M520X300E15 | € 27,90 | M 52 x 3.0 mm |
| E010/M120X175E15 | € 0,49 | M 12 x 1.75 mm  | E010/M270X300E15 | € 3,75 | M 27 x 3.0 mm  | E010/M520X500E15 | € 27,90 | M 52 x 5.0 mm |
| E010/M140X100E15 | € 0,58 | M 14 x 1.0 mm   | E010/M280X150E15 | € 3,75 | M 28 x 1.5 mm  |                  |         |               |



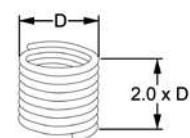
## E010-MxE2

CAT 42

## INSERTO FILETTATO INOX H=2XD

CONFEZIONI DA 25\* PEZZI FINO AL M10,  
CONFEZIONI DA 10\* PEZZI DAL M11 AL M20,  
CONFEZIONI DA 5\* PEZZI DAL M22

| Art.            | €      | D               | Art.            | €      | D              | Art.            | €      | D             |
|-----------------|--------|-----------------|-----------------|--------|----------------|-----------------|--------|---------------|
| E010/M020X040E2 | € 0,89 | M 2 x 0.4 mm    | E010/M100X125E2 | € 0,37 | M 10 x 1.25 mm | E010/M180X150E2 | € 1,88 | M 18 x 1.5 mm |
| E010/M022X045E2 | € 0,89 | M 2.2 x 0.45 mm | E010/M100X150E2 | € 0,37 | M 10 x 1.5 mm  | E010/M180X200E2 | € 1,88 | M 18 x 2.0 mm |
| E010/M025X045E2 | € 0,20 | M 2.5 x 0.45 mm | E010/M110X150E2 | € 0,58 | M 11 x 1.5 mm  | E010/M180X250E2 | € 1,88 | M 18 x 2.5 mm |
| E010/M030X050E2 | € 0,20 | M 3 x 0.5 mm    | E010/M120X100E2 | € 0,55 | M 12 x 1.0 mm  | E010/M200X150E2 | € 2,25 | M 20 x 1.5 mm |
| E010/M035X060E2 | € 0,23 | M 3.5 x 0.6 mm  | E010/M120X125E2 | € 0,55 | M 12 x 1.25 mm | E010/M200X200E2 | € 2,25 | M 20 x 2.0 mm |
| E010/M040X070E2 | € 0,20 | M 4 x 0.7 mm    | E010/M120X150E2 | € 0,55 | M 12 x 1.5 mm  | E010/M200X250E2 | € 2,25 | M 20 x 2.5 mm |
| E010/M050X080E2 | € 0,23 | M 5 x 0.8 mm    | E010/M120X175E2 | € 0,55 | M 12 x 1.75 mm | E010/M220X150E2 | € 2,38 | M 22 x 1.5 mm |
| E010/M060X100E2 | € 0,27 | M 6 x 1.0 mm    | E010/M140X100E2 | € 0,72 | M 14 x 1.0 mm  | E010/M220X200E2 | € 2,38 | M 22 x 2.0 mm |
| E010/M070X100E2 | € 0,32 | M 7 x 1.0 mm    | E010/M140X125E2 | € 0,72 | M 14 x 1.25 mm | E010/M220X250E2 | € 2,38 | M 22 x 2.5 mm |
| E010/M080X100E2 | € 0,34 | M 8 x 1.0 mm    | E010/M140X150E2 | € 0,72 | M 14 x 1.5 mm  | E010/M240X150E2 | € 2,50 | M 24 x 1.5 mm |
| E010/M080X125E2 | € 0,32 | M 8 x 1.25 mm   | E010/M140X200E2 | € 0,72 | M 14 x 2.0 mm  | E010/M240X200E2 | € 2,50 | M 24 x 2.0 mm |
| E010/M090X125E2 | € 0,43 | M 9 x 1.25 mm   | E010/M160X150E2 | € 1,05 | M 16 x 1.5 mm  | E010/M240X300E2 | € 2,50 | M 24 x 3.0 mm |
| E010/M100X100E2 | € 0,37 | M 10 x 1.0 mm   | E010/M160X200E2 | € 1,05 | M 16 x 2.0 mm  |                 |        |               |



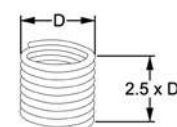
## E010-MxE25

CAT 42

## INSERTO FILETTATO INOX H=2,5XD

CONFEZIONI DA 25\* PEZZI FINO AL M10,  
CONFEZIONI DA 10\* PEZZI DAL M11 AL M20,  
CONFEZIONI DA 5\* PEZZI DAL M22

| Art.             | €      | D             | Art.             | €      | D            | Art.             | €      | D           |
|------------------|--------|---------------|------------------|--------|--------------|------------------|--------|-------------|
| E010/M020X040E25 | € 1,00 | 2 x 0.4 mm    | E010/M100X125E25 | € 0,44 | 10 x 1.25 mm | E010/M180X150E25 | € 2,13 | 18 x 1.5 mm |
| E010/M022X045E25 | € 1,00 | 2.2 x 0.45 mm | E010/M100X150E25 | € 0,44 | 10 x 1.5 mm  | E010/M180X200E25 | € 2,13 | 18 x 2.0 mm |
| E010/M025X045E25 | € 0,24 | 2.5 x 0.45 mm | E010/M110X150E25 | € 0,65 | 11 x 1.5 mm  | E010/M180X250E25 | € 2,13 | 18 x 2.5 mm |
| E010/M030X050E25 | € 0,24 | 3 x 0.5 mm    | E010/M120X100E25 | € 0,65 | 12 x 1.0 mm  | E010/M200X150E25 | € 2,50 | 20 x 1.5 mm |
| E010/M035X060E25 | € 0,27 | 3.5 x 0.6 mm  | E010/M120X125E25 | € 0,65 | 12 x 1.25 mm | E010/M200X200E25 | € 2,50 | 20 x 2.0 mm |
| E010/M040X070E25 | € 0,24 | 4 x 0.7 mm    | E010/M120X150E25 | € 0,65 | 12 x 1.5 mm  | E010/M200X250E25 | € 2,50 | 20 x 2.5 mm |
| E010/M050X080E25 | € 0,28 | 5 x 0.8 mm    | E010/M120X175E25 | € 0,65 | 12 x 1.75 mm | E010/M220X150E25 | € 2,75 | 22 x 1.5 mm |
| E010/M060X100E25 | € 0,32 | 6 x 1.0 mm    | E010/M140X100E25 | € 0,87 | 14 x 1.0 mm  | E010/M220X200E25 | € 2,75 | 22 x 2.0 mm |
| E010/M070X100E25 | € 0,38 | 7 x 1.0 mm    | E010/M140X125E25 | € 0,87 | 14 x 1.25 mm | E010/M220X250E25 | € 2,75 | 22 x 2.5 mm |
| E010/M080X100E25 | € 0,40 | 8 x 1.0 mm    | E010/M140X150E25 | € 0,87 | 14 x 1.5 mm  | E010/M240X150E25 | € 3,00 | 24 x 1.5 mm |
| E010/M080X125E25 | € 0,38 | 8 x 1.25 mm   | E010/M140X200E25 | € 0,87 | 14 x 2.0 mm  | E010/M240X200E25 | € 3,00 | 24 x 2.0 mm |
| E010/M090X125E25 | € 0,47 | 9 x 1.25 mm   | E010/M160X150E25 | € 1,15 | 16 x 1.5 mm  | E010/M240X300E25 | € 3,00 | 24 x 3.0 mm |
| E010/M100X100E25 | € 0,44 | 10 x 1.0 mm   | E010/M160X200E25 | € 1,15 | 16 x 2.0 mm  |                  |        |             |



## E010-MxE3

CAT 42

## INSERTO FILETTATO INOX H=3XD

CONFEZIONI DA 25\* PEZZI FINO AL M10, CONFEZIONI DA 10\* PEZZI DAL M11 AL M20, CONFEZIONI DA 5\* PEZZI DAL M22

| Art.            | €      | D               | Art.            | €      | D              | Art.            | €      | D             |
|-----------------|--------|-----------------|-----------------|--------|----------------|-----------------|--------|---------------|
| E010/M020X040E3 | € 1,25 | M 2 x 0.4 mm    | E010/M100X125E3 | € 0,53 | M 10 x 1.25 mm | E010/M180X150E3 | € 2,50 | M 18 x 1.5 mm |
| E010/M022X045E3 | € 1,25 | M 2.2 x 0.45 mm | E010/M100X150E3 | € 0,53 | M 10 x 1.5 mm  | E010/M180X200E3 | € 2,50 | M 18 x 2.0 mm |
| E010/M025X045E3 | € 0,29 | M 2.5 x 0.45 mm | E010/M110X150E3 | € 0,79 | M 11 x 1.5 mm  | E010/M180X250E3 | € 2,50 | M 18 x 2.5 mm |
| E010/M030X050E3 | € 0,29 | M 3 x 0.5 mm    | E010/M120X100E3 | € 0,79 | M 12 x 1.0 mm  | E010/M200X150E3 | € 2,88 | M 20 x 1.5 mm |
| E010/M035X060E3 | € 0,32 | M 3.5 x 0.6 mm  | E010/M120X125E3 | € 0,79 | M 12 x 1.25 mm | E010/M200X200E3 | € 2,88 | M 20 x 2.0 mm |
| E010/M040X070E3 | € 0,27 | M 4 x 0.7 mm    | E010/M120X150E3 | € 0,79 | M 12 x 1.5 mm  | E010/M200X250E3 | € 2,88 | M 20 x 2.5 mm |
| E010/M050X080E3 | € 0,33 | M 5 x 0.8 mm    | E010/M120X175E3 | € 0,79 | M 12 x 1.75 mm | E010/M220X150E3 | € 3,13 | M 22 x 1.5 mm |
| E010/M060X100E3 | € 0,39 | M 6 x 1.0 mm    | E010/M140X100E3 | € 1,05 | M 14 x 1.0 mm  | E010/M220X200E3 | € 3,13 | M 22 x 2.0 mm |
| E010/M070X100E3 | € 0,45 | M 7 x 1.0 mm    | E010/M140X125E3 | € 1,05 | M 14 x 1.25 mm | E010/M220X250E3 | € 3,13 | M 22 x 2.5 mm |
| E010/M080X100E3 | € 0,49 | M 8 x 1.0 mm    | E010/M140X150E3 | € 1,05 | M 14 x 1.5 mm  | E010/M240X200E3 | € 3,50 | M 24 x 2.0 mm |
| E010/M080X125E3 | € 0,45 | M 8 x 1.25 mm   | E010/M140X200E3 | € 1,25 | M 14 x 2.0 mm  | E010/M240X300E3 | € 3,50 | M 24 x 3.0 mm |
| E010/M090X125E3 | € 0,55 | M 9 x 1.25 mm   | E010/M160X150E3 | € 1,25 | M 16 x 1.5 mm  |                 |        |               |
| E010/M100X100E3 | € 0,53 | M 10 x 1.0 mm   | E010/M160X200E3 | € 1,25 | M 16 x 2.0 mm  |                 |        |               |



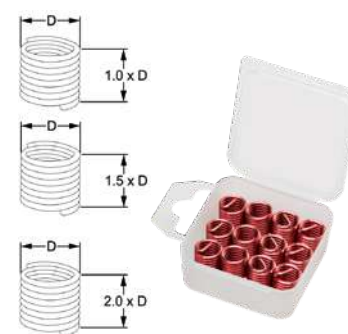
## E010-MxExA

CAT 42

## INSERTO FILETTATO AUTOBLOCCANTE INOX H=1,5XD

CONFEZIONI DA 25\* PEZZI FINO AL M10, CONFEZIONI DA 10\* PEZZI DAL M11

| Art.              | €      | D              | Altezza  | Art.             | €      | D              | Altezza  |
|-------------------|--------|----------------|----------|------------------|--------|----------------|----------|
| E010/M030X050E1A  | € 0,28 | M 3 x 0.5 mm   | 1.0 D mm | E010/M100X150E1A | € 0,50 | M 10 x 1.5 mm  | 1.5 D mm |
| E010/M040X070E1A  | € 0,28 | M 4 x 0.7 mm   | 1.0 D mm | E010/M120X175E1A | € 0,78 | M 12 x 1.75 mm | 1.5 D mm |
| E010/M050X080E1A  | € 0,32 | M 5 x 0.8 mm   | 1.0 D mm | E010/M140X200E1A | € 1,10 | M 14 x 2.0 mm  | 1.5 D mm |
| E010/M060X100E1A  | € 0,35 | M 6 x 1.0 mm   | 1.0 D mm | E010/M160X200E1A | € 1,37 | M 16 x 2.0 mm  | 1.5 D mm |
| E010/M080X125E1A  | € 0,37 | M 8 x 1.25 mm  | 1.0 D mm | E010/M030X050E2A | € 0,32 | M 3 x 0.5 mm   | 2.0 D mm |
| E010/M100X150E1A  | € 0,47 | M 10 x 1.5 mm  | 1.0 D mm | E010/M040X070E2A | € 0,32 | M 4 x 0.7 mm   | 2.0 D mm |
| E010/M120X175E1A  | € 0,68 | M 12 x 1.75 mm | 1.0 D mm | E010/M050X080E2A | € 0,37 | M 5 x 0.8 mm   | 2.0 D mm |
| E010/M140X200E1A  | € 0,97 | M 14 x 2.0 mm  | 1.0 D mm | E010/M060X100E2A | € 0,42 | M 6 x 1.0 mm   | 2.0 D mm |
| E010/M160X200E1A  | € 1,30 | M 16 x 2.0 mm  | 1.0 D mm | E010/M080X125E2A | € 0,50 | M 8 x 1.25 mm  | 2.0 D mm |
| E010/M030X050E15A | € 0,30 | M 3 x 0.5 mm   | 1.5 D mm | E010/M100X150E2A | € 0,58 | M 10 x 1.5 mm  | 2.0 D mm |
| E010/M040X070E15A | € 0,30 | M 4 x 0.7 mm   | 1.5 D mm | E010/M120X175E2A | € 0,88 | M 12 x 1.75 mm | 2.0 D mm |
| E010/M050X080E15A | € 0,33 | M 5 x 0.8 mm   | 1.5 D mm | E010/M140X200E2A | € 1,15 | M 14 x 2.0 mm  | 2.0 D mm |
| E010/M060X100E15A | € 0,38 | M 6 x 1.0 mm   | 1.5 D mm | E010/M160X200E2A | € 1,68 | M 16 x 2.0 mm  | 2.0 D mm |
| E010/M080X125E15A | € 0,42 | M 8 x 1.5 mm   | 1.5 D mm |                  |        |                |          |



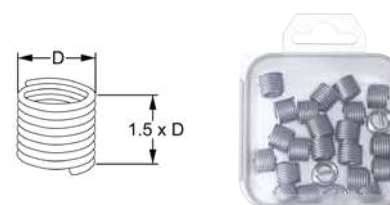
## E010-BSWxEx

CAT 42

## INSERTO FILETTATO INOX BSW H=1,5XD

CONFEZIONI DA 10\* PEZZI FINO AL 1/2", CONFEZIONI DA 5\* PEZZI DAL 9/16"

| Art.            | €      | D             | Art.            | €      | D             |
|-----------------|--------|---------------|-----------------|--------|---------------|
| E010/BSW1/8E15  | € 0,92 | 1/8" x 40 mm  | E010/BSW1/2E15  | € 0,92 | 1/2" x 12 mm  |
| E010/BSW3/16E15 | € 0,92 | 3/16" x 24 mm | E010/BSW9/16E15 | € 2,92 | 9/16" x 12 mm |
| E010/BSW1/4E15  | € 0,43 | 1/4" x 20 mm  | E010/BSW5/8E15  | € 2,92 | 5/8" x 11 mm  |
| E010/BSW5/16E15 | € 0,50 | 5/16" x 18 mm | E010/BSW3/4E15  | € 3,33 | 3/4" x 10 mm  |
| E010/BSW3/8E15  | € 0,79 | 3/8" x 16 mm  | E010/BSW7/8E15  | € 4,96 | 7/8" x 9 mm   |
| E010/BSW7/16E15 | € 0,92 | 7/16" x 14 mm | E010/BSW1E15    | € 5,40 | 1" x 8 mm     |



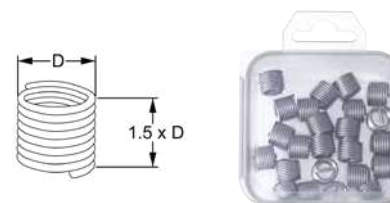
## E010-BSFxEx

CAT 42

## INSERTO FILETTATO INOX BSF H=1,5XD

CONFEZIONI DA 10\* PEZZI FINO AL 1/2", CONFEZIONI DA 5\* PEZZI DAL 9/16"

| Art.            | €      | D             | Art.            | €      | D             |
|-----------------|--------|---------------|-----------------|--------|---------------|
| E010/BSF3/16E15 | € 0,92 | 3/16" x 32 mm | E010/BSF9/16E15 | € 3,17 | 9/16" x 16 mm |
| E010/BSF1/4E15  | € 0,43 | 1/4" x 26 mm  | E010/BSF5/8E15  | € 3,17 | 5/8" x 14 mm  |
| E010/BSF5/16E15 | € 0,50 | 5/16" x 22 mm | E010/BSF3/4E15  | € 4,00 | 3/4" x 12 mm  |
| E010/BSF3/8E15  | € 0,79 | 3/8" x 20 mm  | E010/BSF7/8E15  | € 4,96 | 7/8" x 11 mm  |
| E010/BSF7/16E15 | € 0,92 | 7/16" x 18 mm | E010/BSF1E15    | € 4,96 | 1" x 10 mm    |
| E010/BSF1/2E15  | € 0,92 | 1/2" x 16 mm  |                 |        |               |



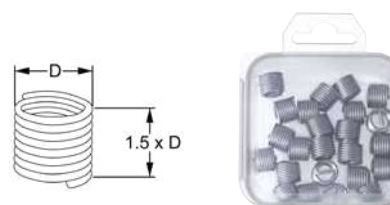
## E010-BSPxEx

CAT 42

## INSERTO FILETTATO INOX BSP H=1,5XD

CONFEZIONI DA 10\* PEZZI FINO AL 1/2", CONFEZIONI DA 5\* PEZZI DAL 9/16"

| Art.           | €      | D            | Art.           | €       | D            |
|----------------|--------|--------------|----------------|---------|--------------|
| E010/BSP1/8E15 | € 0,71 | 1/8" x 28 mm | E010/BSP5/8E15 | € 3,33  | 5/8" x 14 mm |
| E010/BSP1/4E15 | € 0,83 | 1/4" x 19 mm | E010/BSP3/4E15 | € 3,33  | 3/4" x 14 mm |
| E010/BSP3/8E15 | € 1,08 | 3/8" x 19 mm | E010/BSP7/8E15 | € 10,00 | 7/8" x 14 mm |
| E010/BSP1/2E15 | € 1,24 | 1/2" x 14 mm | E010/BSP1E15   | € 10,00 | 1" x 11 mm   |

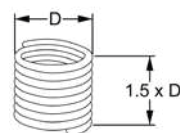


**E010-UNCxEx**
**CAT 42**
**INSERTO FILETTATO INOX UNC H=1,5XD**

CONFEZIONI DA 10\* PEZZI FINO AL 1/2", CONFEZIONI DA 5\* PEZZI DAL 9/16"

| Art.            | €      | D             |
|-----------------|--------|---------------|
| E010/UNCN02E15  | € 1,04 | 2" x 56 mm    |
| E010/UNCN04E15  | € 0,32 | 4" x 40 mm    |
| E010/UNCN05E15  | € 0,38 | 5" x 40 mm    |
| E010/UNCN06E15  | € 0,30 | 6" x 32 mm    |
| E010/UNCN08E15  | € 0,30 | 8" x 32 mm    |
| E010/UNCN10E15  | € 0,34 | 10" x 24 mm   |
| E010/UNCN12E15  | € 0,40 | 12" x 24 mm   |
| E010/UNC1/4E15  | € 0,40 | 1/4" x 20 mm  |
| E010/UNC5/16E15 | € 0,56 | 5/16" x 18 mm |

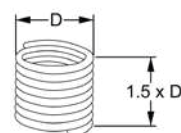
| Art.            | €      | D             |
|-----------------|--------|---------------|
| E010/UNC3/8E15  | € 0,74 | 3/8" x 16 mm  |
| E010/UNC7/16E15 | € 0,98 | 7/16" x 14 mm |
| E010/UNC1/2E15  | € 0,98 | 1/2" x 13 mm  |
| E010/UNC9/16E15 | € 1,05 | 9/16" x 12 mm |
| E010/UNC5/8E15  | € 2,12 | 5/8" x 11 mm  |
| E010/UNC3/4E15  | € 3,00 | 3/4" x 10 mm  |
| E010/UNC7/8E15  | € 4,50 | 7/8" x 9 mm   |
| E010/UNC1E15    | € 4,50 | 1" x 8 mm     |


**E010-UNFxEx**
**CAT 42**
**INSERTO FILETTATO INOX UNF H=1,5XD**

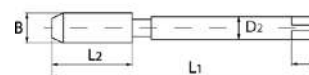
CONFEZIONI DA 10\* PEZZI FINO AL 1/2", CONFEZIONI DA 5\* PEZZI DAL 9/16"

| Art.            | €      | D             |
|-----------------|--------|---------------|
| E010/UNFN04E15  | € 0,90 | 4" x 48 mm    |
| E010/UNFN06E15  | € 0,90 | 6" x 40 mm    |
| E010/UNFN08E15  | € 0,90 | 8" x 36 mm    |
| E010/UNFN10E15  | € 0,36 | 10" x 32 mm   |
| E010/UNF1/4E15  | € 0,36 | 1/4" x 28 mm  |
| E010/UNF5/16E15 | € 0,51 | 5/16" x 24 mm |
| E010/UNF3/8E15  | € 0,74 | 3/8" x 24 mm  |

| Art.            | €      | D             |
|-----------------|--------|---------------|
| E010/UNF7/16E15 | € 0,98 | 7/16" x 20 mm |
| E010/UNF1/2E15  | € 0,98 | 1/2" x 20 mm  |
| E010/UNF9/16E15 | € 2,05 | 9/16" x 18 mm |
| E010/UNF5/8E15  | € 2,05 | 5/8" x 18 mm  |
| E010/UNF3/4E15  | € 2,05 | 3/4" x 16 mm  |
| E010/UNF7/8E15  | € 5,30 | 7/8" x 14 mm  |
| E010/UNF1E15    | € 5,30 | 1" x 12 mm    |


**E011-MxM**
**CAT 42**
**MASCHI METRICI STI PER F-COIL**

| Art.           | €       | Misura       | B       | L1       | L2      | D2      | C        |
|----------------|---------|--------------|---------|----------|---------|---------|----------|
| E011/M020X040M | € 9,50  | M 2 x 0.40   | 2.5 mm  | 44.5 mm  | 9.5 mm  | 2.8 mm  | 2.24 mm  |
| E011/M025X045M | € 9,50  | M 2.5 x 0.45 | 3.1 mm  | 48.0 mm  | 11.0 mm | 3.15 mm | 2.5 mm   |
| E011/M030X050M | € 9,50  | M 3 x 0.5    | 3.6 mm  | 53.0 mm  | 13.0 mm | 4.0 mm  | 3.15 mm  |
| E011/M035X060M | € 9,50  | M 3.5 x 0.6  | 4.3 mm  | 53.0 mm  | 13.0 mm | 4.5 mm  | 3.55 mm  |
| E011/M040X070M | € 9,50  | M 4 x 0.7    | 4.9 mm  | 58 mm    | 16.0 mm | 5.0 mm  | 4.00 mm  |
| E011/M050X080M | € 9,50  | M 5 x 0.8    | 6.0 mm  | 66.0 mm  | 19.0 mm | 6.3 mm  | 5.00 mm  |
| E011/M060X100M | € 9,50  | M 6 x 1.0    | 7.3 mm  | 72.0 mm  | 22.0 mm | 8.0 mm  | 6.30 mm  |
| E011/M070X100M | € 11,00 | M 7 x 1.0    | 8.3 mm  | 72.0 mm  | 22.0 mm | 9.0 mm  | 7.10 mm  |
| E011/M080X100M | € 11,00 | M 8 x 1.25   | 9.6 mm  | 80.0 mm  | 24.0 mm | 10.0 mm | 8.00 mm  |
| E011/M080X125M | € 11,00 | M 8 x 1.0    | 9.3 mm  | 80.0 mm  | 24.0 mm | 8.0 mm  | 8.00 mm  |
| E011/M090X100M | € 12,60 | M 9 x 1.0    | 10.6 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/M090X125M | € 12,60 | M 9 x 1.25   | 10.6 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/M100X100M | € 12,60 | M 10 x 1.0   | 11.3 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/M100X125M | € 12,60 | M 10 x 1.25  | 11.6 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/M100X150M | € 12,60 | M 10 x 1.5   | 11.9 mm | 89.0 mm  | 29.0 mm | 9.0 mm  | 7.10 mm  |
| E011/M110X150M | € 16,50 | M 11 x 1.5   | 12.9 mm | 89.0 mm  | 29.0 mm | 9.0 mm  | 7.10 mm  |
| E011/M120X100M | € 16,50 | M 12 x 1.0   | 13.3 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 9.00 mm  |
| E011/M120X125M | € 17,30 | M 12 x 1.25  | 13.6 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 9.00 mm  |
| E011/M120X150M | € 17,30 | M 12 x 1.5   | 14.0 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 9.00 mm  |
| E011/M120X175M | € 17,30 | M 12 x 1.75  | 14.3 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 9.00 mm  |
| E011/M140X100M | € 19,70 | M 14 x 1.0   | 15.3 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/M140X125M | € 19,70 | M 14 x 1.25  | 15.6 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/M140X150M | € 19,70 | M 14 x 1.5   | 16.0 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/M140X200M | € 19,70 | M 14 x 2.0   | 16.6 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/M160X150M | € 24,40 | M 16 x 1.5   | 18.0 mm | 104.0 mm | 29.0 mm | 14.0 mm | 11.20 mm |
| E011/M160X200M | € 24,40 | M 16 x 2.0   | 18.6 mm | 112.0 mm | 37.0 mm | 14.0 mm | 11.20 mm |
| E011/M180X150M | € 26,00 | M 18 x 1.5   | 20.0 mm | 104.0 mm | 29.0 mm | 14.0 mm | 11.20 mm |
| E011/M180X200M | € 26,00 | M 18 x 2.0   | 20.6 mm | 104.0 mm | 29.0 mm | 14.0 mm | 11.20 mm |
| E011/M180X250M | € 26,00 | M 18 x 2.5   | 21.3 mm | 118.0 mm | 38.0 mm | 16.0 mm | 12.50 mm |
| E011/M200X150M | € 29,10 | M 20 x 1.5   | 22.0 mm | 113.0 mm | 33.0 mm | 16.0 mm | 12.50 mm |
| E011/M200X200M | € 29,10 | M 20 x 2.0   | 22.6 mm | 113.0 mm | 33.0 mm | 16.0 mm | 12.50 mm |
| E011/M200X250M | € 29,10 | M 20 x 2.5   | 23.3 mm | 118.0 mm | 38.0 mm | 16.0 mm | 12.50 mm |
| E011/M220X150M | € 37,00 | M 22 x 1.5   | 24.0 mm | 120.0 mm | 35.0 mm | 18.0 mm | 14.00 mm |
| E011/M220X200M | € 37,00 | M 22 x 2.0   | 24.6 mm | 120.0 mm | 35.0 mm | 18.0 mm | 14.00 mm |
| E011/M220X250M | € 37,00 | M 22 x 2.5   | 25.3 mm | 130.0 mm | 45.0 mm | 18.0 mm | 14.00 mm |
| E011/M240X150M | € 39,40 | M 24 x 1.5   | 26.0 mm | 120.0 mm | 35.0 mm | 18.0 mm | 14.00 mm |
| E011/M240X200M | € 39,40 | M 24 x 2.0   | 26.6 mm | 127.0 mm | 37.0 mm | 20.0 mm | 16.00 mm |
| E011/M240X300M | € 39,40 | M 24 x 3.0   | 27.9 mm | 138.0 mm | 48.0 mm | 20.0 mm | 16.00 mm |

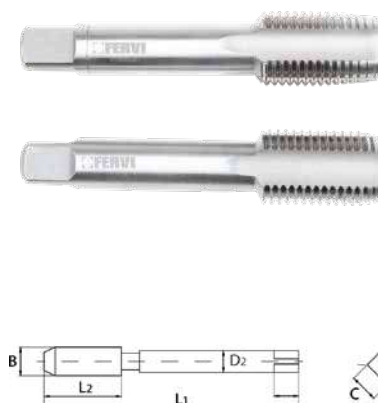


## E011-MxM2

CAT 42

## COPPIA MASCHI METRICI STI PER F-COIL

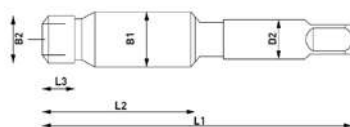
| Art.           | €        | Misura     | B       | L1     | L2    | D2      | C       |
|----------------|----------|------------|---------|--------|-------|---------|---------|
| E011/M260X150M | € 130,00 | M 26 x 1.5 | 28.0 mm | 127 mm | 37 mm | 20.0 mm | 16.0 mm |
| E011/M270X150M | € 130,00 | M 27 x 1.5 | 29.0 mm | 127 mm | 37 mm | 20.0 mm | 16.0 mm |
| E011/M270X200M | € 130,00 | M 27 x 2.0 | 29.6 mm | 127 mm | 37 mm | 20.0 mm | 16.0 mm |
| E011/M270X300M | € 130,00 | M 27 x 3.0 | 30.9 mm | 151 mm | 51 mm | 22.4 mm | 18.0 mm |
| E011/M280X150M | € 158,00 | M 28 x 1.5 | 30.0 mm | 127 mm | 37 mm | 20.0 mm | 16.0 mm |
| E011/M300X150M | € 158,00 | M 30 x 1.5 | 32.0 mm | 137 mm | 37 mm | 22.4 mm | 18.0 mm |
| E011/M300X200M | € 158,00 | M 30 x 2.0 | 32.6 mm | 137 mm | 37 mm | 22.4 mm | 18.0 mm |
| E011/M300X350M | € 158,00 | M 30 x 3.5 | 34.6 mm | 162 mm | 57 mm | 25.0 mm | 20.0 mm |
| E011/M330X200M | € 158,00 | M 33 x 2.0 | 35.6 mm | 144 mm | 37 mm | 25.0 mm | 20.0 mm |
| E011/M330X350M | € 158,00 | M 33 x 3.5 | 37.6 mm | 162 mm | 57 mm | 25.0 mm | 20.0 mm |
| E011/M360X150M | € 181,00 | M 36 x 1.5 | 38.0 mm | 150 mm | 39 mm | 28.0 mm | 22.4 mm |
| E011/M360X200M | € 181,00 | M 36 x 2.0 | 38.6 mm | 150 mm | 39 mm | 28.0 mm | 22.4 mm |
| E011/M360X300M | € 181,00 | M 36 x 3.0 | 39.9 mm | 170 mm | 60 mm | 28.0 mm | 22.4 mm |
| E011/M360X400M | € 181,00 | M 36 x 4.0 | 41.2 mm | 170 mm | 60 mm | 28.0 mm | 22.4 mm |
| E011/M390X300M | € 273,00 | M 39 x 3.0 | 42.9 mm | 149 mm | 39 mm | 28.0 mm | 26.0 mm |
| E011/M390X400M | € 233,00 | M 39 x 4.0 | 44.2 mm | 187 mm | 67 mm | 31.5 mm | 28.0 mm |
| E011/M400X300M | € 233,00 | M 40 x 3.0 | 43.9 mm | 149 mm | 39 mm | 28.0 mm | 26.0 mm |
| E011/M420X300M | € 385,00 | M 42 x 3.0 | 45.9 mm | 165 mm | 45 mm | 31.5 mm | 28.0 mm |
| E011/M420X450M | € 253,00 | M 42 x 4.5 | 47.9 mm | 187 mm | 67 mm | 31.5 mm | 28.0 mm |
| E011/M450X300M | € 385,00 | M 45 x 3.0 | 48.9 mm | 175 mm | 45 mm | 35.5 mm | 31.0 mm |
| E011/M450X450M | € 294,00 | M 45 x 4.5 | 50.9 mm | 200 mm | 70 mm | 35.5 mm | 31.0 mm |
| E011/M480X300M | € 476,00 | M 48 x 3.0 | 51.9 mm | 175 mm | 45 mm | 35.5 mm | 31.0 mm |
| E011/M480X500M | € 324,00 | M 48 x 5.0 | 54.5 mm | 200 mm | 70 mm | 35.5 mm | 31.0 mm |
| E011/M500X300M | € 354,00 | M 50 x 3.0 | 53.9 mm | 175 mm | 45 mm | 35.5 mm | 31.0 mm |
| E011/M520X300M | € 658,00 | M 52 x 3.0 | 55.9 mm | 193 mm | 48 mm | 40.0 mm | 34.0 mm |
| E011/M520X500M | € 557,00 | M 52 x 3.0 | 58.5 mm | 221 mm | 76 mm | 40.0 mm | 34.0 mm |



## E011-MxMC

CAT 42

## MASCHIO COMBINATO METRICO STI PER F-COIL



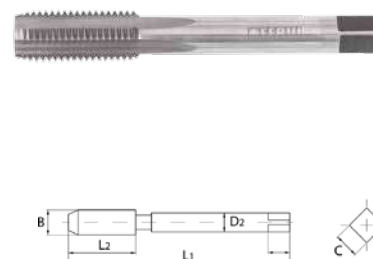
| Art.            | €       | Misura         | B1      | B2    | L3    | L2    | L1     | D2    | C       |
|-----------------|---------|----------------|---------|-------|-------|-------|--------|-------|---------|
| E011/M060X100MC | € 13,40 | M 6 x 1.0 mm   | 7.3 mm  | 6 mm  | 7 mm  | 28 mm | 70 mm  | 8 mm  | 6.3 mm  |
| E011/M080X125MC | € 13,40 | M 8 x 1.25 mm  | 9.6 mm  | 8 mm  | 9 mm  | 32 mm | 75 mm  | 8 mm  | 6.3 mm  |
| E011/M100X100MC | € 18,90 | M 10 x 1.0 mm  | 11.3 mm | 10 mm | 8 mm  | 30 mm | 74 mm  | 8 mm  | 6.3 mm  |
| E011/M100X125MC | € 18,90 | M 10 x 1.25 mm | 11.6 mm | 10 mm | 8 mm  | 30 mm | 74 mm  | 8 mm  | 6.3 mm  |
| E011/M100X150MC | € 18,90 | M 10 x 1.5 mm  | 11.9 mm | 10 mm | 9 mm  | 37 mm | 80 mm  | 9 mm  | 7.1 mm  |
| E011/M120X125MC | € 24,40 | M 12 x 1.25 mm | 13.6 mm | 12 mm | 9 mm  | 32 mm | 75 mm  | 9 mm  | 7.1 mm  |
| E011/M140X125MC | € 26,80 | M 14 x 1.25 mm | 15.6 mm | 14 mm | 10 mm | 45 mm | 90 mm  | 12 mm | 9.2 mm  |
| E011/M180X150MC | € 39,40 | M 18 x 1.25 mm | 20.0 mm | 18 mm | 10 mm | 47 mm | 116 mm | 16 mm | 12.5 mm |

## E011-BSWxM

CAT 42

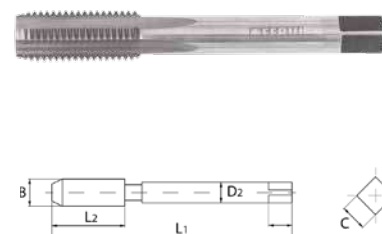
## MASCHI BSW STI PER F-COIL

| Art.          | €       | Misura     | B       | L1       | L2      | D2      | C        |
|---------------|---------|------------|---------|----------|---------|---------|----------|
| E011/BSW1/8M  | € 8,70  | 1/8" x 40  | 3.9 mm  | 53.0 mm  | 13.0 mm | 4.0 mm  | 3.15 mm  |
| E011/BSW3/16M | € 8,70  | 3/16" x 24 | 6.0 mm  | 56.0 mm  | 19.0 mm | 6.3 mm  | 5.00 mm  |
| E011/BSW1/4M  | € 8,70  | 1/4" x 20  | 7.8 mm  | 72.0 mm  | 22.0 mm | 8.0 mm  | 6.30 mm  |
| E011/BSW5/16M | € 9,50  | 5/16" x 18 | 9.6 mm  | 80.0 mm  | 24.0 mm | 10.0 mm | 8.00 mm  |
| E011/BSW3/8M  | € 10,20 | 3/8" x 16  | 11.4 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/BSW7/16M | € 11,00 | 7/16" x 14 | 13.2 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 9.00 mm  |
| E011/BSW1/2M  | € 12,20 | 1/2" x 12  | 15.2 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/BSW9/16M | € 18,40 | 9/16" x 12 | 16.8 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/BSW5/8M  | € 22,60 | 5/8" x 11  | 18.6 mm | 112.0 mm | 37.0 mm | 14.0 mm | 11.20 mm |
| E011/BSW3/4M  | € 27,30 | 3/4" x 10  | 22.0 mm | 118.0 mm | 38.0 mm | 16.0 mm | 12.50 mm |
| E011/BSW7/8M  | € 36,90 | 7/8" x 9   | 25.5 mm | 130.0 mm | 45.0 mm | 18.0 mm | 14.00 mm |
| E011/BSW1M    | € 36,90 | 1" x 8     | 29.1 mm | 138.0 mm | 48.0 mm | 20.0 mm | 16.0 mm  |

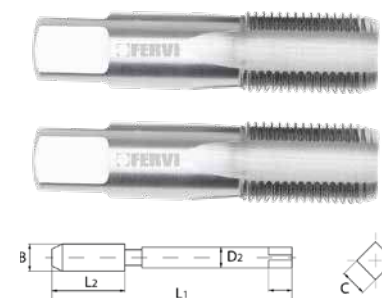


**E011-BSFxM**
**CAT 42**
**MASCHI BSF STI PER F-COIL**

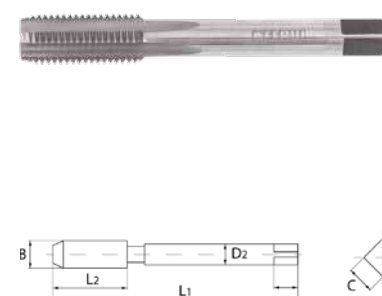
| Art.          | €       | Misura     | B       | L1       | L2      | D2      | C        |
|---------------|---------|------------|---------|----------|---------|---------|----------|
| E011/BSF3/16M | € 8,70  | 3/16" x 32 | 5.7 mm  | 66.0 mm  | 19.0 mm | 6.3 mm  | 5.00 mm  |
| E011/BSF1/4M  | € 8,70  | 1/4" x 26  | 7.5 mm  | 72.0 mm  | 22.0 mm | 8.0 mm  | 6.30 mm  |
| E011/BSF5/16M | € 9,50  | 5/16" x 22 | 9.3 mm  | 80.0 mm  | 24.0 mm | 10.0 mm | 8.00 mm  |
| E011/BSF3/8M  | € 10,20 | 3/8" x 20  | 11.0 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/BSF7/16M | € 11,00 | 7/16" x 18 | 12.8 mm | 89.0 mm  | 29.0 mm | 9.0 mm  | 7.10 mm  |
| E011/BSF1/2M  | € 12,20 | 1/2" x 16  | 14.6 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 9.00 mm  |
| E011/BSF9/16M | € 18,40 | 9/16" x 16 | 16.2 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/BSF5/8M  | € 22,60 | 5/8" x 14  | 18.0 mm | 112.0 mm | 37.0 mm | 14.0 mm | 11.20 mm |
| E011/BSF3/4M  | € 27,30 | 3/4" x 12  | 21.5 mm | 118.0 mm | 38.0 mm | 16.0 mm | 12.5 mm  |
| E011/BSF7/8M  | € 36,90 | 7/8" x 11  | 24.9 mm | 130.0 mm | 45.0 mm | 18.0 mm | 14.00 mm |
| E011/BSF1M    | € 36,90 | 1" x 10    | 28.4 mm | 138.0 mm | 48.0 mm | 20.0 mm | 16.00 mm |


**E011-BSPxM**
**CAT 42**
**COPPIA MASCHI BSP STI PER F-COIL**

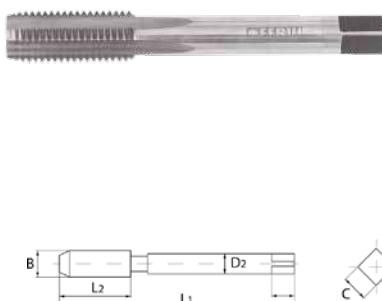
| Art.         | €        | Misura    | B       | L1     | L2    | D2      | C       |
|--------------|----------|-----------|---------|--------|-------|---------|---------|
| E011/BSP1/8M | € 22,80  | 1/8" x 28 | 10.8 mm | 59 mm  | 15 mm | 8.0 mm  | 6.3 mm  |
| E011/BSP1/4M | € 23,60  | 1/4" x 19 | 14.7 mm | 67 mm  | 19 mm | 11.2 mm | 9.0 mm  |
| E011/BSP3/8M | € 30,70  | 3/8" x 19 | 18.3 mm | 75 mm  | 21 mm | 14.0 mm | 11.2 mm |
| E011/BSP1/2M | € 48,00  | 1/2" x 14 | 23.1 mm | 87 mm  | 26 mm | 16.0 mm | 12.5 mm |
| E011/BSP5/8M | € 67,70  | 5/8" x 14 | 25.1 mm | 91 mm  | 26 mm | 18.0 mm | 14.0 mm |
| E011/BSP3/4M | € 67,70  | 3/4" x 14 | 28.6 mm | 96 mm  | 28 mm | 20.0 mm | 16.0 mm |
| E011/BSP7/8M | € 107,00 | 7/8" x 14 | 32.4 mm | 102 mm | 29 mm | 22.4 mm | 18.0 mm |
| E011/BSP1M   | € 107,00 | 1" x 11   | 36.0 mm | 109 mm | 33 mm | 25.0 mm | 20.0 mm |


**E011-UNCxM**
**CAT 42**
**MASCHI UNC STI PER F-COIL**

| Art.          | €       | Misura     | B       | L1       | L2      | D2      | C        |
|---------------|---------|------------|---------|----------|---------|---------|----------|
| E011/UNCN02M  | € 10,10 | 2" x 56    | 2.8 mm  | 48.0 mm  | 10.0 mm | 3.15 mm | 2.5 mm   |
| E011/UNCN04M  | € 10,10 | 4" x 40    | 3.7 mm  | 53.0 mm  | 13.0 mm | 4.0 mm  | 3.15 mm  |
| E011/UNCN05M  | € 10,10 | 5" x 40    | 4.0 mm  | 53.0 mm  | 13.0 mm | 4.0 mm  | 3.15 mm  |
| E011/UNCN06M  | € 10,10 | 6" x 32    | 4.5 mm  | 58.0 mm  | 16.0 mm | 5.0 mm  | 4.00 mm  |
| E011/UNCN08M  | € 10,10 | 8" x 32    | 5.2 mm  | 62.0 mm  | 17.0 mm | 5.6 mm  | 4.50 mm  |
| E011/UNCN10M  | € 10,10 | 10" x 24   | 6.2 mm  | 66.0 mm  | 19.0 mm | 6.3 mm  | 5.00 mm  |
| E011/UNCN12M  | € 10,10 | 12" x 24   | 6.9 mm  | 66.0 mm  | 19.0 mm | 7.1 mm  | 5.60 mm  |
| E011/UNC1/4M  | € 8,70  | 1/4" x 20  | 8.0 mm  | 72.0 mm  | 22.0 mm | 8.0 mm  | 6.30 mm  |
| E011/UNC5/16M | € 9,50  | 5/16" x 18 | 9.8 mm  | 80.0 mm  | 24.0 mm | 10.0 mm | 8.00 mm  |
| E011/UNC3/8M  | € 10,20 | 3/8" x 16  | 11.6 mm | 85.0 mm  | 25.0 mm | 8.0 mm  | 6.30 mm  |
| E011/UNC7/16M | € 11,00 | 7/16" x 14 | 13.5 mm | 95.0 mm  | 30.0 mm | 11.2 mm | 10.00 mm |
| E011/UNC1/2M  | € 12,20 | 1/2" x 13  | 15.2 mm | 102.0 mm | 32.0 mm | 12.5 mm | 10.00 mm |
| E011/UNC9/16M | € 18,40 | 9/16" x 12 | 17.0 mm | 112.0 mm | 37.0 mm | 14.0 mm | 11.20 mm |
| E011/UNC5/8M  | € 22,60 | 5/8" x 11  | 18.9 mm | 112.0 mm | 37.0 mm | 14.0 mm | 11.20 mm |
| E011/UNC3/4M  | € 27,30 | 3/4" x 10  | 22.4 mm | 118.0 mm | 38.0 mm | 16.0 mm | 12.50 mm |
| E011/UNC7/8M  | € 36,90 | 7/8" x 9   | 25.9 mm | 130.0 mm | 45.0 mm | 18.0 mm | 14.00 mm |
| E011/UNC1M    | € 36,90 | 1" x 8     | 29.5 mm | 138.0 mm | 48.0 mm | 20.0 mm | 16.00 mm |


**E011-UNFxM**
**CAT 42**
**MASCHI UNF STI PER F-COIL**

| Art.          | €       | Misura     | B       | L1       | L2      | D2      | C        |
|---------------|---------|------------|---------|----------|---------|---------|----------|
| E011/UNFN04M  | € 11,00 | 4" x 48    | 3.5 mm  | 53.0 mm  | 13.0 mm | 4.0 mm  | 3.15 mm  |
| E011/UNFN06M  | € 11,00 | 6" x 40    | 4.3 mm  | 53.0 mm  | 13.0 mm | 4.5 mm  | 3.55 mm  |
| E011/UNFN08M  | € 11,00 | 8" x 36    | 5.1 mm  | 62.0 mm  | 17.0 mm | 5.6 mm  | 4.50 mm  |
| E011/UNFN10M  | € 11,00 | 10" x 32   | 5.9 mm  | 66.0 mm  | 19.0 mm | 6.3 mm  | 5.00 mm  |
| E011/UNF1/4M  | € 8,70  | 1/4" x 28  | 7.5 mm  | 69.0 mm  | 19.0 mm | 8.0 mm  | 6.30 mm  |
| E011/UNF5/16M | € 9,50  | 5/16" x 24 | 9.3 mm  | 76.0 mm  | 20.0 mm | 10.0 mm | 8.00 mm  |
| E011/UNF3/8M  | € 10,20 | 3/8" x 24  | 10.9 mm | 82.0 mm  | 22.0 mm | 8.0 mm  | 6.30 mm  |
| E011/UNF7/16M | € 11,00 | 7/16" x 20 | 12.8 mm | 84.0 mm  | 24.0 mm | 9.0 mm  | 7.10 mm  |
| E011/UNF1/2M  | € 12,20 | 1/2" x 20  | 14.4 mm | 90.0 mm  | 25.0 mm | 11.2 mm | 9.00 mm  |
| E011/UNF9/16M | € 18,40 | 9/16" x 18 | 16.1 mm | 104.0 mm | 29.0 mm | 12.5 mm | 10.00 mm |
| E011/UNF5/8M  | € 22,60 | 5/8" x 18  | 17.7 mm | 104.0 mm | 29.0 mm | 14.0 mm | 11.20 mm |
| E011/UNF3/4M  | € 27,30 | 3/4" x 16  | 21.1 mm | 104.0 mm | 29.0 mm | 14.0 mm | 11.20 mm |
| E011/UNF7/8M  | € 36,90 | 7/8" x 14  | 24.6 mm | 120.0 mm | 35.0 mm | 18.0 mm | 14.00 mm |
| E011/UNF11/2M | € 36,90 | 1" x 12    | 28.2 mm | 127.0 mm | 37.0 mm | 20.0 mm | 16.00 mm |



## E011-Ux

CAT 42

## UTENSILE MONTAGGIO F-COIL

| Art.     | €       | Metrici                                             | Pollici                          |
|----------|---------|-----------------------------------------------------|----------------------------------|
| E011/U02 | € 6,70  | M 2 x 0.4 - M 2.2 x 0.45                            | UNC N02                          |
| E011/U03 | € 6,70  | M 2.5 x 0.45                                        |                                  |
| E011/U04 | € 6,70  | M 3 x 0.5                                           | UNC N05 - UNC/UNF N04 - BSW 1/8" |
| E011/U05 | € 6,70  | M 3.5 x 0.6                                         | UNC/UNF N06                      |
| E011/U06 | € 6,70  | M 4 x 0.7                                           | UNC/UNF N08                      |
| E011/U08 | € 6,70  | M 5 x 0.8                                           | UNF N10 - UNC N12 - BSF 3/16"    |
| E011/U09 | € 6,70  | M 6 x 1.0                                           | UNC/UNF 1/4" - BSW/BSF 1/4"      |
| E011/U10 | € 6,70  | M 7 x 1.0                                           | UNC/BSW 5/16"                    |
| E011/U11 | € 7,50  | M 8 x 1.25 - M 8 x 1.0                              | UNF/BSF 5/16"                    |
| E011/U12 | € 11,40 | M 9 x 1.25 - M 9 x 1.0                              | UNC/BSW 3/8"                     |
| E011/U13 | € 11,40 | M 10 x 1.5 - M 10 x 1.0 - M 10 x 1.25               | UNF/BSF 3/8"                     |
| E011/U14 | € 12,30 | M 11 x 1.5                                          | UNC/UNF 7/16" - BSW-BSF 7/16"    |
| E011/U15 | € 12,30 | M 12 x 1.75 - M 12 x 1.5 - M 12 x 1.25 - M 12 x 1.0 | UNC/UNF 1/2" - BSW-BSF 1/2"      |
| E011/U16 | € 14,00 | M 14 x 2.0 - M 14 x 1.5                             | UNC/UNF 9/16" - BSW-BSF 9/16"    |
| E011/U17 | € 14,00 | M 14 x 1.25 - M 14 x 1.0                            |                                  |
| E011/U18 | € 15,30 | M 16 x 2.0 - M 16 x 1.5                             | UNC/UNF 5/8" - BSW-BSF 5/8"      |
| E011/U20 | € 15,30 | M 18 x 2.5 - M 18 x 2.0 - M 18 x 1.5                | UNC 3/4" - BSW-BSF 3/4"          |
| E011/U21 | € 15,30 | M 20 x 2.5 - M 20 x 2.0 - M 20 x 1.5                | UNF 3/4"                         |
| E011/U22 | € 19,30 | M 22 x 2.5 - M 22 x 2.0 - M 22 x 1.5                | UNC/UNF 7/8" - BSW-BSF 7/8"      |
| E011/U23 | € 19,30 | M 24 x 3.0 - M 24 x 2.0 - M 24 x 1.5                | UNC/UNF 1" - BSW-BSF 1"          |



## E011-UMx

CAT 42

## UTENSILE ESAGONALE MONTAGGIO F-COIL

| Art.           | €       | Diametro      | Attacco esagonale |
|----------------|---------|---------------|-------------------|
| E011/UM260X150 | € 22,80 | M 26 x 1.5 mm | 1/2"              |
| E011/UM270X150 | € 22,80 | M 27 x 1.5 mm | 1/2"              |
| E011/UM270X200 | € 22,80 | M 27 x 2.0 mm | 1/2"              |
| E011/UM270X300 | € 22,80 | M 27 x 3.0 mm | 1/2"              |
| E011/UM280X150 | € 22,80 | M 28 x 1.5 mm | 1/2"              |
| E011/UM300X150 | € 25,40 | M 30 x 1.5 mm | 1/2"              |
| E011/UM300X200 | € 25,40 | M 30 x 2.0 mm | 1/2"              |
| E011/UM300X350 | € 25,40 | M 30 x 3.5 mm | 1/2"              |
| E011/UM330X200 | € 31,50 | M 33 x 2.0 mm | 1/2"              |
| E011/UM330X350 | € 31,50 | M 33 x 3.5 mm | 1/2"              |
| E011/UM360X150 | € 31,50 | M 36 x 1.5 mm | 1/2"              |
| E011/UM360X200 | € 31,50 | M 36 x 2.0 mm | 1/2"              |
| E011/UM360X300 | € 31,50 | M 36 x 3.0 mm | 1/2"              |
| E011/UM360X400 | € 31,50 | M 36 x 4.0 mm | 1/2"              |



## E011-Ax

CAT 42

## ATTREZZO PER ROTTURA CODOLO F-COIL

| Art.     | €      | Metrici                                     | Pollici                           |
|----------|--------|---------------------------------------------|-----------------------------------|
| E011/A02 | € 2,20 | M 2x0.4 - M 2.2x0.45                        | UNC N02                           |
| E011/A03 | € 2,20 | M 2.5x0.45                                  |                                   |
| E011/A04 | € 2,20 | M 3x0.5                                     | UNC/UNF N04                       |
| E011/A05 | € 2,20 | M 3.5x0.6                                   | UNC/UNF N06                       |
| E011/A06 | € 2,20 | M 4x0.7                                     | UNC N10 - UNC/UNF N08 - BSF 3/16" |
| E011/A08 | € 2,20 | M 5x0.8                                     | UNF N10 - UNC N12 - BSF 3/16"     |
| E011/A09 | € 2,20 | M 6x1.0                                     | UNC/UNF 1/4" - BSW/BSF 1/4"       |
| E011/A11 | € 2,47 | M 7x1.0 - M 8x1.0 - M 8x1.25                | UNC/UNF 5/16" - BSW/BSF 5/16"     |
| E011/A12 | € 2,47 | M 9x1.0 - M 9x1.25                          | UNC 3/8" - BSW/BSF 3/8"           |
| E011/A13 | € 2,47 | M 10x1.5 - M 10x1.0 - M 10x1.25             | UNF 3/8"                          |
| E011/A14 | € 2,98 | M 11x1.5                                    | UNC/UNF 7/16" - BSW/BSF 7/16"     |
| E011/A15 | € 2,98 | M 12x1.5 - M 12x1.0 - M 12x1.25 - M 12x1.75 | UNC/UNF 1/2" - BSW/BSF 1/2"       |



## E011-Ex

CAT 42

## ESTRATTORE F-COIL

| Art.    | €       | Metrici     | Pollici      |
|---------|---------|-------------|--------------|
| E011/E2 | € 14,20 | M 3 - M 10  | 3/16" - 3/8" |
| E011/E3 | € 17,30 | M 11 - M 10 | 3/8" - 1"    |



**LBx**
**CAT 42**
**LAMA BIMETALLICA PER METALLO**


| Art.      | €       | Misure              | Specifiche        | Art.      | €       | Misure             | Specifiche        | Art.      | €       | Misure             | Specifiche        |
|-----------|---------|---------------------|-------------------|-----------|---------|--------------------|-------------------|-----------|---------|--------------------|-------------------|
| LB01/1140 | € 14,50 | 1140 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB08/2000 | € 23,80 | 2000 x 20 x 0,9 mm | T 5 / 7 Bi-Metal  | LB09/3120 | € 36,80 | 3120 x 27 x 0,9 mm | T 8 / 11 Bi-Metal |
| LB01/1325 | € 16,10 | 1325 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB08/2080 | € 24,50 | 2080 x 20 x 0,9 mm | T 5 / 7 Bi-Metal  | LB09/3150 | € 37,00 | 3150 x 27 x 0,9 mm | T 8 / 11 Bi-Metal |
| LB01/1335 | € 16,20 | 1335 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB08/2100 | € 24,70 | 2100 x 20 x 0,9 mm | T 5 / 7 Bi-Metal  | LB10/2375 | € 27,30 | 2375 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB01/1435 | € 17,10 | 1435 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB08/2140 | € 25,10 | 2140 x 20 x 0,9 mm | T 5 / 7 Bi-Metal  | LB10/2450 | € 29,20 | 2450 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB01/1440 | € 17,10 | 1440 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB08/2160 | € 25,30 | 2160 x 20 x 0,9 mm | T 5 / 7 Bi-Metal  | LB10/2500 | € 30,30 | 2500 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB01/1638 | € 18,80 | 1638 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB09/2375 | € 27,30 | 2375 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/2750 | € 32,90 | 2750 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB01/1735 | € 19,70 | 1735 x 13 x 0,65 mm | T 8 / 12 Bi-Metal | LB09/2450 | € 29,20 | 2450 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/2825 | € 33,70 | 2825 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB02/1140 | € 14,50 | 1140 x 13 x 0,65 mm | T 6 Bi-Metal      | LB09/2500 | € 30,30 | 2500 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/2845 | € 33,80 | 2845 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB02/1435 | € 17,10 | 1435 x 13 x 0,65 mm | T 6 Bi-Metal      | LB09/2750 | € 32,90 | 2750 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/2945 | € 34,90 | 2945 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB05/1735 | € 20,30 | 1735 x 13 x 0,9 mm  | T 8 / 12 Bi-Metal | LB09/2825 | € 33,70 | 2825 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/2950 | € 35,00 | 2950 x 27 x 0,9 mm | T 8 / 11 Bi-Metal |
| LB07/2000 | € 23,80 | 2000 x 20 x 0,9 mm  | T 8 / 12 Bi-Metal | LB09/2845 | € 33,80 | 2845 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/3010 | € 35,60 | 3010 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB07/2080 | € 24,50 | 2080 x 20 x 0,9 mm  | T 8 / 12 Bi-Metal | LB09/2945 | € 34,90 | 2945 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/3100 | € 36,50 | 3100 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB07/2100 | € 24,70 | 2100 x 20 x 0,9 mm  | T 8 / 12 Bi-Metal | LB09/2950 | € 35,00 | 2950 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/3120 | € 36,80 | 3120 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB07/2140 | € 25,10 | 2140 x 20 x 0,9 mm  | T 8 / 12 Bi-Metal | LB09/3010 | € 35,60 | 3010 x 27 x 0,9 mm | T 8 / 11 Bi-Metal | LB10/3150 | € 37,00 | 3150 x 27 x 0,9 mm | T 5 / 7 Bi-Metal  |
| LB07/2160 | € 25,30 | 2160 x 20 x 0,9 mm  | T 8 / 12 Bi-Metal | LB09/3100 | € 36,50 | 3100 x 27 x 0,9 mm | T 8 / 11 Bi-Metal |           |         |                    |                   |

**07x**
**DISCHI PER LEGNO CON RIPORE IN METALLO DURO**

DENTATURA ALTERNATA UNIVERSALE PER TAGLIO DI LEGNO IN GENERE PER MULTISTRATI, COMPENSATI, FAESITE

| Art. | €        | Ø      | Denti Z | Foro    | Spessore taglio | Spessore disco | Max rpm |
|------|----------|--------|---------|---------|-----------------|----------------|---------|
| 0685 | € 25,00  | 254 mm | 24      | Ø 30 mm | 3,2 mm          | 2,2 mm         | 6300    |
| 0702 | € 41,80  | 250 mm | 60      | Ø 30 mm | 3,2 mm          | 2,2 mm         | 7000    |
| 0703 | € 48,20  | 250 mm | 80      | Ø 30 mm | 3,2 mm          | 2,2 mm         | 7000    |
| 0704 | € 61,90  | 300 mm | 72      | Ø 30 mm | 3,2 mm          | 2,2 mm         | 6000    |
| 0705 | € 66,80  | 300 mm | 96      | Ø 30 mm | 3,2 mm          | 2,2 mm         | 6000    |
| 0899 | € 46,20  | 315 mm | 25      | Ø 30 mm | 2,8 mm          | 1,8 mm         | 6000    |
| 0745 | € 75,80  | 350 mm | 54      | Ø 30 mm | 3,5 mm          | 2,5 mm         | 5000    |
| 0707 | € 77,00  | 400 mm | 48      | Ø 30 mm | 3,5 mm          | 2,5 mm         | 4500    |
| 0746 | € 133,00 | 450 mm | 60      | Ø 30 mm | 4 mm            | 3,0 mm         | 4000    |


**0762-**
**DISCO PER ALLUMINIO E MATERIALI PLASTICI CON RIPORE IN METALLO DURO**

| Art.     | €       | Ø      | Denti Z | Foro    | Spessore taglio | Spessore disco | Max rpm |
|----------|---------|--------|---------|---------|-----------------|----------------|---------|
| 0762/250 | € 49,40 | 250 mm | 60      | Ø 32 mm | 3,2 mm          | 2,8 mm         | 7000    |
| 0762/300 | € 62,30 | 300 mm | 72      | Ø 32 mm | 3,2 mm          | 2,8 mm         | 6000    |


**N7x**
**LAMA PER LEGNO**

LAMA PER IL TAGLIO SAGOMATO DI LEGNO SOTTILE



| Art.        | €       | Misure              | Specifiche |
|-------------|---------|---------------------|------------|
| N194        | € 19,70 | 1400 x 6 x 0,36 mm  | T6         |
| N717/N      | € 19,70 | 1430 x 6 x 0,36 mm  | T6         |
| N188        | € 23,30 | 1790 x 6 x 0,36 mm  | T10        |
| N190        | € 23,30 | 1826 x 6 x 0,36 mm  | T10        |
| N855/N2     | € 22,40 | 2240 x 13 x 0,65 mm | T8         |
| N186        | € 20,00 | 2400 x 13 x 0,65 mm | T8         |
| N192        | € 20,00 | 2560 x 13 x 0,65 mm | T8         |
| N764/N2     | € 22,40 | 2950 x 13 x 0,65 mm | T6         |
| N764/455/N2 | € 31,10 | 3430 x 16 x 0,65 mm | T6         |

**N7x1**
**LAME PER LEGNO**

LAMA PER IL TAGLIO DRITTO DI LEGNO SPESSO



| Art.       | €       | Misure              | Specifiche |
|------------|---------|---------------------|------------|
| N195       | € 19,70 | 1400 x 10 x 0,36 mm | T6         |
| N717/N1    | € 19,70 | 1430 x 10 x 0,36 mm | T6         |
| N189       | € 23,30 | 1790 x 10 x 0,36 mm | T6         |
| N191       | € 23,30 | 1826 x 10 x 0,36 mm | T6         |
| N855/N     | € 22,40 | 2240 x 16 x 0,65 mm | T4         |
| N187       | € 20,00 | 2400 x 16 x 0,65 mm | T4         |
| N193       | € 20,00 | 2560 x 16 x 0,65 mm | T4         |
| N764/N     | € 22,40 | 2950 x 16 x 0,65 mm | T4         |
| N764/455/N | € 31,10 | 3430 x 20 x 0,65 mm | T4         |

