

FRESE A FILETTARE / THREAD MILLING CUTTERS

MULTI TM, TM AERO, CTM, DTM, TP e MICRO

Frese a filettare in metallo duro integrale progettate per ridurre le forze di taglio, produrre trucioli corti, ottenere qualità e tolleranze della filettatura altamente precise. Queste frese rispondono alle attuali esigenze di lavorazioni dove si richiede affidabilità e ripetibilità di processo.

Costruite per lavorare tutti i materiali dagli acciai alle ghise e specialmente per leghe resistenti al calore e alluminio.

Solid carbide thread milling cutters designed for reducing cutting speeds, producing short chips, obtaining very precise threading qualities and tolerances. These end mills are suitable in working conditions demanding reliability and process repeatability.

Ideal for machining all materials, from steel to cast iron and specifically for heat resistance alloys and aluminium.



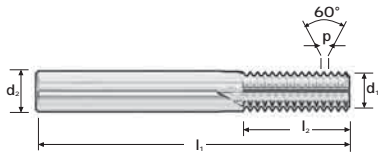


PER ACCIAIO TEMPRATO / FOR HARDENED STEEL 54 - 63 HRC

Frese a filettare in metallo duro integrale con attacco cilindrico, per Filettatura Metrica ISO Passo Grosso DIN 13 (profondità max. 1,5 x d₁)

Solid carbide Thread milling cutters with straight shank for ISO metric coarse thread as per DIN 13 (depth max. 1,5 x d₁)

Per filettature interne
For internal threads



1,5 x d₁

Tipo / Type

TF

Materiale / Material

VHM

| Ø mm | Passo Pitch | Preforo Ø Tap-drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7015 TF |
|------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|---------|
| M 4 | 0,70 | 3,3 | 48 | 7,3 | 3,1 | 6 | 4 | ● |
| M 5 | 0,80 | 4,2 | 54 | 9,2 | 4,0 | 6 | 4 | ● |
| M 6 | 1,00 | 5,0 | 64 | 10,5 | 4,5 | 8 | 4 | ● |
| M 8 | 1,25 | 6,8 | 64 | 14,3 | 6,4 | 8 | 5 | ● |
| M 10 | 1,50 | 8,5 | 80 | 17,2 | 8,1 | 12 | 5 | ● |
| M 12 | 1,75 | 10,2 | 80 | 21,8 | 9,6 | 12 | 5 | ● |
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● Utensile disponibile a magazzino / Items available ex stock

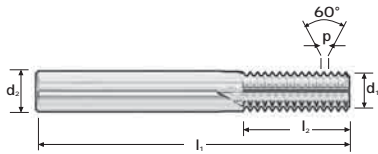


PER ACCIAIO TEMPRATO / FOR HARDNED STEEL 54 - 63 HRC

Frese a filettare in metallo duro integrale con attacco cilindrico, e per Filettatura Metrica ISO Passo Grosso DIN 13 (profondità max. 2,0 x d₁)

Solid carbide thread milling cutters with straight shank for ISO metric coarse thread as per DIN 13 (depth max. 2,0 x d₁)

Per filettature interne
For internal threads



2,0 x d₁

Tipo / Type

TF

Materiale / Material

VHM

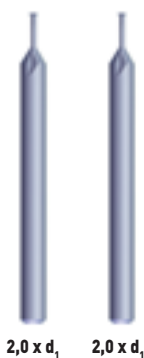
| Ø mm | Passo Pitch | Preforo Ø Tap-drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7016 TF |
|------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|---------|
| M 4 | 0,70 | 3,3 | 48 | 8,7 | 3,1 | 6 | 4 | ● |
| M 5 | 0,80 | 4,2 | 54 | 11,6 | 4,0 | 6 | 4 | ● |
| M 6 | 1,00 | 5,0 | 64 | 13,5 | 4,5 | 8 | 4 | ● |
| M 8 | 1,25 | 6,8 | 64 | 18,1 | 6,4 | 8 | 5 | ● |
| M 10 | 1,50 | 8,5 | 80 | 21,7 | 8,1 | 12 | 5 | ● |
| M 12 | 1,75 | 10,2 | 80 | 27,1 | 9,6 | 12 | 5 | ● |
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● Utensile disponibile a magazzino / Items available ex stock



Frese a filettare in metallo duro integrale a singolo anello di taglienti per Filettatura Metrica ISO Passo Grosso DIN 13 (Profondità max. $2,0 \times d_1$)
Solid carbide thread milling cutters with single ring of teeth for ISO metric coarse thread as per DIN 13 (depth of withdraw max. $2,0 \times d_1$)

Per filettature interne
For internal threads



| Tipo / Type | | | | | | | | | MICRO | MICRO |
|----------------------|---------------------|-------------|-----------------------|----------|----------|-------------------|----------|---|-------|---------|
| Materiale / Material | | | | | | | | | VHM | VHM |
| Ø mm | per filettare Range | Passo Pitch | Preforo Ø Tap-drill Ø | l_1 mm | l_2 mm | Ø d_1 (nominal) | d_2 mm | Z | 7081 | 7081 TC |
| M 1,0 | M 1 - M 1,1 | 0,25 | 0,75 | 39 | 2,3 | 0,7 | 3 | 3 | ✓ | ✓ |
| M 1,2 | | 0,25 | 0,95 | 39 | 2,5 | 0,9 | 3 | 3 | ✓ | ✓ |
| M 1,4 | | 0,30 | 1,10 | 39 | 2,9 | 1,0 | 3 | 3 | ✓ | ✓ |
| M 1,6 | M 1,6 - M 1,7 | 0,35 | 1,25 | 39 | 3,5 | 1,2 | 3 | 3 | ✓ | ✓ |
| M 1,8 | | 0,35 | 1,45 | 39 | 3,7 | 1,4 | 3 | 3 | ✓ | ✓ |
| M 2,0 | | 0,40 | 1,60 | 39 | 4,1 | 1,5 | 3 | 4 | ✓ | ✓ |
| M 2,2 | | 0,45 | 1,75 | 39 | 4,5 | 1,7 | 3 | 4 | ✓ | ✓ |
| M 2,3 | | 0,40 | 1,90 | 39 | 4,7 | 1,8 | 3 | 4 | ✓ | ✓ |
| M 2,5 | M 2,5 - M 2,6 | 0,45 | 2,10 | 39 | 5,3 | 1,9 | 3 | 4 | ✓ | ✓ |
| M 3,0 | | 0,50 | 2,50 | 39 | 6,2 | 2,4 | 3 | 4 | ✓ | ✓ |
| M 3,5 | | 0,60 | 2,90 | 39 | 7,2 | 2,8 | 3 | 4 | ✓ | ✓ |
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✓ Su richiesta / Upon request

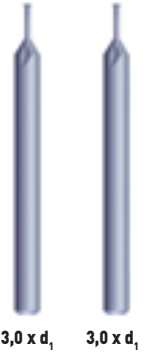
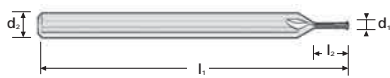


Frese a filettare in metallo duro integrale a singolo anello di taglienti per Filettatura Metrica ISO Passo Grosso DIN 13 (Profondità max. 3,0 x d₁)

Solid carbide thread milling cutters with single ring of teeth for ISO metric coarse thread as per DIN 13 (depth of withdraw max. 3,0 x d₁)

Per filettature interne

For internal threads



Tipo / Type

MICRO

MICRO

Materiale / Material

VHM

VHM

| Ø mm | per filettare Range | Passo Pitch | Preforo Ø Tap-drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7082 | 7082 TC |
|-------|---------------------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|------|---------|
| M 1,0 | M 1 - M 1,1 | 0,25 | 0,75 | 39 | 3,4 | 0,7 | 3 | 3 | ✓ | ✓ |
| M 1,2 | | 0,25 | 0,95 | 39 | 3,7 | 0,9 | 3 | 3 | ✓ | ✓ |
| M 1,4 | | 0,30 | 1,10 | 39 | 4,3 | 1,0 | 3 | 3 | ✓ | ✓ |
| M 1,6 | M 1,6 - M 1,7 | 0,35 | 1,25 | 39 | 5,2 | 1,2 | 3 | 3 | ✓ | ✓ |
| M 1,8 | | 0,35 | 1,45 | 39 | 5,5 | 1,4 | 3 | 3 | ✓ | ✓ |
| M 2,0 | | 0,40 | 1,60 | 39 | 6,1 | 1,5 | 3 | 4 | ✓ | ✓ |
| M 2,2 | | 0,45 | 1,75 | 39 | 6,7 | 1,7 | 3 | 4 | ✓ | ✓ |
| M 2,3 | | 0,40 | 1,90 | 39 | 7,0 | 1,8 | 3 | 4 | ✓ | ✓ |
| M 2,5 | M 2,5 - M 2,6 | 0,45 | 2,10 | 39 | 7,9 | 1,9 | 3 | 4 | ✓ | ✓ |
| M 3,0 | | 0,50 | 2,50 | 39 | 9,2 | 2,4 | 3 | 4 | ✓ | ✓ |
| M 3,5 | | 0,60 | 2,90 | 39 | 10,7 | 2,8 | 3 | 4 | ✓ | ✓ |
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✓ Su richiesta / Upon request



Frese a filettare in metallo duro integrale con 3 anelli taglienti per Filettatura Metrica ISO Passo Grosso DIN 13 (Profondità max. 3 x d1)

Solid carbide thread milling cutters with three rings of teeth for ISO metric coarse thread as per DIN 13 (depth of thread max. 3 x d1)

Per filettature interne

For internal threads



Tipo / Type

Materiale / Material

MICRO
VHM

MICRO
VHM

| \emptyset mm | Passo Pitch | Preforo \emptyset Tap-drill \emptyset | l_1 mm | l_2 mm | $\emptyset d_1$ (nominal) | d_2 mm | Z | 7083 | 7083 TF |
|----------------|-------------|---|----------|----------|---------------------------|----------|---|------|---------|
| M 1,2 | 0,25 | 0,95 | 39 | 3,7 | 0,9 | 3 | 3 | ● | ● |
| M 1,4 | 0,30 | 1,10 | 39 | 4,3 | 1,0 | 3 | 3 | ● | ● |
| M 1,6 | 0,35 | 1,25 | 39 | 5,2 | 1,2 | 3 | 3 | ● | ● |
| M 1,8 | 0,35 | 1,45 | 39 | 5,5 | 1,4 | 3 | 3 | ● | ● |
| M 2,0 | 0,40 | 1,60 | 39 | 6,1 | 1,5 | 3 | 4 | ● | ● |
| M 2,2 | 0,45 | 1,75 | 39 | 6,7 | 1,7 | 3 | 4 | ● | ● |
| M 2,5 | 0,45 | 2,10 | 39 | 7,9 | 1,9 | 3 | 4 | ● | ● |
| M 3,0 | 0,50 | 2,50 | 39 | 9,2 | 2,4 | 3 | 4 | ● | ● |
| M 3,5 | 0,60 | 2,90 | 39 | 10,7 | 2,8 | 3 | 4 | ● | ● |
| M 4,0 | 0,70 | - | 54 | 12,7 | - | 6 | 4 | ● | ● |
| M 5,0 | 0,80 | - | 54 | 15,8 | - | 6 | 4 | ● | ● |
| M 6,0 | 1,00 | - | 54 | 19,0 | - | 4 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX **27°**/RIGHT HAND HELIX **27°**

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura Metrica ISO Passo Grosso DIN 13 (profondità max 1.5 x d₁)

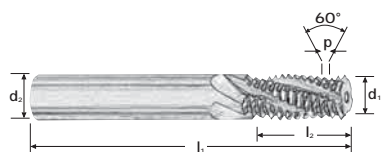
Solid carbide thread milling cutters with straight shank and internal cooling, for ISO metric coarse thread as per DIN 13 (depth of withdraw max. 1,5 x d₁)

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



1,5 x d₁

Tipo / Type

Multi™

Materiale / Material

VHM

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7000 |
|------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|------|
| M 2 | 0,40 | 1,6 | 48 | 4,00 | 1,50 | 6 | 2 | ■ |
| M 6 | 1,00 | 5,0 | 54 | 11,00 | 4,50 | 6 | 3 | ■ |
| M 8 | 1,25 | 6,8 | 54 | 14,00 | 5,95 | 6 | 3 | ■ |
| M 10 | 1,50 | 8,5 | 64 | 17,00 | 7,95 | 8 | 4 | ■ |
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● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued items



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura Metrica ISO Passo Grosso DIN 13 (profondità max 2,0 x d₁)

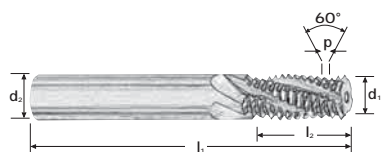
Solid carbide thread milling cutters with straight shank and internal cooling, for ISO metric coarse thread as per DIN 13 (depth of withdraw max. 2,0 x d₁)

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| | | | | | | | | | Multi TM | Multi TM |
|------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|--|----------|----------|
| | | | | | | | | | VHM | VHM |
| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | | 7001 | 7001 TF |
| M 6 | 1,00 | 5,0 | 54 | 13,5 | 4,50 | 6 | 3 | | ● | ● |
| M 8 | 1,25 | 6,8 | 54 | 18,1 | 5,95 | 6 | 3 | | ● | ● |
| M 10 | 1,50 | 8,5 | 64 | 21,7 | 7,95 | 8 | 4 | | ● | ● |
| M 12 | 1,75 | 10,2 | 74 | 27,1 | 9,95 | 10 | 4 | | ● | ● |
| M 14 | 2,00 | 12,0 | 74 | 30,9 | 11,95 | 10 | 4 | | ● | ● |
| M 16 | 2,00 | 14,0 | 80 | 34,9 | 13,95 | 12 | 4 | | ● | ● |
| M 18 | 2,50 | 15,5 | 90 | 41,1 | 15,40 | 14 | 4 | | ● | ● |
| M 20 | 2,50 | 17,5 | 90 | 41,1 | 17,40 | 14 | 4 | | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

MULTI TM-AERO



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura MJ (profondità max 2 x d₁)

Solid carbide thread milling cutters with straight shank and internal coolant, for MJ thread (depth of thread max. 2 x d₁)

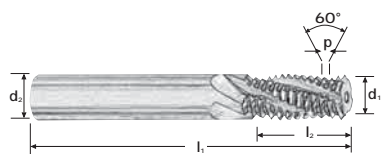
Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling

NEW



Tipo / Type

Materiale / Material

| | |
|----------|----------|
| Multi TM | Multi TM |
| VHM | VHM |

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7013 | 7013 TF |
|-------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|------|---------|
| MJ 4 | 0,70 | 3,3 | 48 | 8,75 | 3,10 | 6 | 3 | ● | ● |
| MJ 5 | 0,80 | 4,2 | 54 | 10,75 | 3,90 | 6 | 3 | ● | ● |
| MJ 6 | 1,00 | 5 | 54 | 13,50 | 4,80 | 6 | 3 | ● | ● |
| MJ 8 | 1,25 | 6,8 | 54 | 18,10 | 5,95 | 6 | 3 | ● | ● |
| MJ 10 | 1,50 | 8,5 | 64 | 21,70 | 7,95 | 8 | 4 | ● | ● |
| MJ 12 | 1,75 | 10,3 | 74 | 27,10 | 9,95 | 10 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

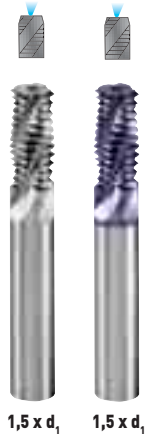
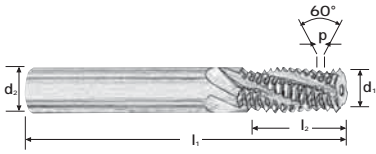


ELICA **DX 27°**/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura Metrica ISO Passo fine DIN 13 (profondità max $1,5 \times d_1$)

Solid carbide thread milling cutters with straight shank and internal cooling, for ISO metric fine thread as per DIN 13 (depth of withdraw max. $1,5 \times d_1$)

Per filettature interne
For internal threads



$1,5 \times d_1$ $1,5 \times d_1$

Tipo / Type

Multi™ **Multi™**

Materiale / Material

VHM **VHM**

| \emptyset mm | Passo Pitch | Preforo \emptyset Tap drill \emptyset | $\emptyset d_1$ (nominal) | l_1 mm | l_2 mm | d_2 mm | Z | 7002 | 7002 TF |
|----------------|-------------|---|---------------------------|----------|----------|----------|---|------|---------|
| MF 4 | 0,50 | 3,5 | 3,00 | 48 | 7,2 | 6 | 3 | ■ | ■ |
| MF 8 | 0,75 | 7,2 | 5,95 | 54 | 13,1 | 6 | 3 | ■ | - |
| MF 10 | 1,00 | 9,0 | 7,95 | 64 | 16,5 | 8 | 4 | ■ | - |
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● Utensile disponibile a magazzino / Items available ex stock ■ Fino ad esaurimento scorte / discontinued items



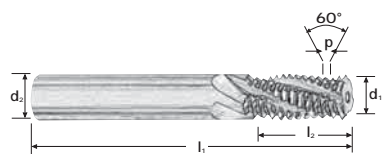
ELICA DX **27°/RIGHT HAND HELIX 27°**

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura Metrica ISO Passo fine DIN 13 (profondità max 2,0 x d₁)

Solid carbide thread milling cutters with straight shank and internal cooling, for ISO metric fine thread as per DIN 13 (depth of withdraw max. 2,0 x d₁)

Per filettature interne

For internal threads



Tipo / Type

Materiale / Material

| | | | | | | | | | Multi TM | Multi TM |
|-------|----------------|--------------------------|----------------------|----------------------|-------------------------------|----------------------|---|---|---------------------|---------------------|
| | | | | | | | | | VHM | VHM |
| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | | 7003 | 7003 TF |
| MF 6 | 0,50 | 5,5 | 54 | 12,7 | 4,50 | 6 | 3 | ● | ● | |
| MF 6 | 0,75 | 5,2 | 54 | 13,1 | 4,50 | 6 | 3 | ● | ● | |
| MF 8 | 0,50 | 7,5 | 54 | 17,7 | 5,95 | 6 | 3 | ● | ● | |
| MF 8 | 0,75 | 7,2 | 54 | 16,8 | 5,95 | 6 | 3 | ● | ● | |
| MF 8 | 1,00 | 7,0 | 54 | 17,5 | 5,95 | 6 | 3 | ● | ● | |
| MF 10 | 1,00 | 9,0 | 64 | 21,5 | 7,95 | 8 | 4 | ● | ● | |
| MF 10 | 1,25 | 8,7 | 64 | 21,8 | 7,95 | 8 | 4 | ● | ● | |
| MF 12 | 1,00 | 11,0 | 74 | 25,5 | 9,95 | 10 | 4 | ● | ● | |
| MF 12 | 1,50 | 10,4 | 74 | 26,2 | 9,95 | 10 | 4 | ● | ● | |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura UNC ANSI B 1.1 (Profondità max. $2,0 \times d_1$)

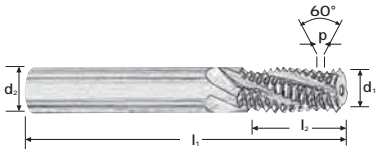
Solid carbide thread milling cutters with straight shank and internal cooling, for Unified thread UNC ANSI B 1.1 (depth of withdraw max. $2,0 \times d_1$)

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| Tpo / Type | Material / Materiale | Multi TM | | Multi TM | | | | | | |
|----------------|----------------------|-------------|---|----------|----------|---------------------------|----------|---|------|---------|
| | | VHM | VHM | VHM | VHM | | | | | |
| \emptyset mm | Filetti/1" Tpi | Passo Pitch | Preforo \emptyset Tap drill \emptyset | l_1 mm | l_2 mm | $\emptyset d_1$ (nominal) | d_2 mm | Z | 7007 | 7007 TF |
| UNC 1/4 | 20 | 1,270 | 5,2 | 54 | 14,5 | 4,80 | 6 | 3 | ● | ● |
| UNC 5/16 | 18 | 1,411 | 6,5 | 54 | 17,6 | 5,95 | 6 | 3 | ● | ● |
| UNC 3/8 | 16 | 1,587 | 8,0 | 64 | 21,4 | 7,10 | 8 | 4 | ● | ● |
| UNC 7/16 | 14 | 1,814 | 9,3 | 64 | 24,4 | 7,95 | 8 | 4 | ● | ● |
| UNC 1/2 | 13 | 1,953 | 10,8 | 74 | 28,3 | 9,95 | 10 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX **27°**/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura UNF ANSI B 1.1 (Profondità max. 2,0 x d₁)

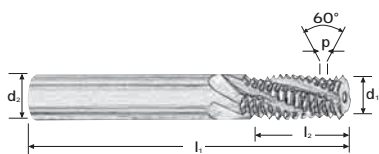
Solid carbide thread milling cutters with straight shank and internal cooling, for Unified thread UNF ANSI B 1.1 (depth of withdraw max. 2,0 x d₁)

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| | | | | | | | | | | Multi TM | Multi TM |
|------|------------|-------|-------------|----------------|----------------|------------------|----------------|---|--|----------|----------|
| | | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" | Passo | Preforo Ø | l ₁ | l ₂ | Ø d ₁ | d ₂ | Z | | 7009 | 7009 |
| | Tpi | Pitch | Tap drill Ø | mm | mm | (nominal) | mm | | | TF | |
| UNF | 1/4 | 28 | 0,907 | 5,5 | 14,0 | 4,80 | 6 | 3 | | ● | ● |
| UNF | 5/16 | 24 | 1,058 | 6,8 | 17,4 | 5,95 | 6 | 3 | | ● | ● |
| UNF | 3/8 | 24 | 1,058 | 8,5 | 20,6 | 7,95 | 8 | 4 | | ● | ● |
| UNF | 7/16 | 20 | 1,270 | 9,8 | 24,7 | 7,95 | 8 | 4 | | ● | ● |
| UNF | 1/2 | 20 | 1,270 | 11,5 | 27,3 | 9,95 | 10 | 4 | | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

MULTI TM-AERO



ELICA DX **27°**/RIGHT HAND HELIX **27°**

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura UNJF (profondità max. 2,0 x d₁)

Solid carbide thread milling cutters with straight shank and internal coolant, for UNJF thread (depth of thread max. 2,0 x d₁)

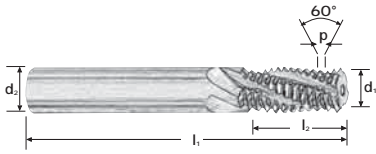
Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling

NEW



Tipo / Type

Multi TM

Multi **TM**

Materiale/Material

VHM

VHM

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7014 | 7014 |
|-------------|----------------|--------------------------|----------------------|----------------------|-------------------------------|----------------------|---|------|------|
| | | | | | | | | TF | TF |
| UNJF nr. 10 | 32 | 4,83 | 54 | 11,5 | 3,90 | 6 | 3 | ● | ● |
| UNJF 1/4 | 29 | 6,35 | 54 | 14,0 | 5,50 | 6 | 3 | ● | ● |
| UNJF 5/16 | 24 | 7,94 | 54 | 17,4 | 5,95 | 6 | 3 | ● | ● |
| UNJF 3/8 | 24 | 9,53 | 64 | 20,6 | 7,95 | 8 | 4 | ● | ● |
| UNJF 7/16 | 20 | 11,11 | 64 | 24,7 | 7,95 | 8 | 4 | ● | ● |
| UNJF 1/2 | 20 | 12,70 | 74 | 27,3 | 9,95 | 10 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura Gas cilindrica BSP (DIN ISO 228) (profondità max 2,0 x d₁)

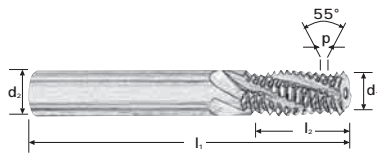
Solid carbide thread milling cutters with straight shank and internal cooling, for British standard pipe thread DIN – ISO 228 (depth of withdraw max. 2,0 x d₁)

Per filettature interne ed esterne

For internal and external threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale/Material

| | | | | | | | | | Multi™ | Multi™ |
|-------|------------|-------|-------------|----------------|----------------|------------------|----------------|---|--------|--------|
| | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" | Passo | Preforo Ø | l ₁ | l ₂ | Ø d ₁ | d ₂ | Z | 7005 | 7005 |
| | | Tpi | Tap drill Ø | mm | mm | (nominal) | mm | | TF | |
| G 1/8 | 28 | 0,907 | 8,7 | 64 | 21,3 | 7,95 | 8 | 4 | ● | ● |
| G 1/4 | 19 | 1,336 | 11,8 | 74 | 28,7 | 9,95 | 10 | 4 | ● | ● |
| G 3/8 | 19 | 1,336 | 15,2 | 90 | 35,5 | 13,60 | 14 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

MULTI TM



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per filettatura NPT ANSI B 1.20.1 - Conicità 1:16

Solid carbide thread milling cutters with straight shank and internal cooling, for American standard taper pipe thread ANSI B 1.20.1 - taper 1 : 16

Per filettature interne

For internal threads



Tipo / Type

Materiale/Material

| | | | | | | | | | | Multi TM | Multi TM |
|---------|----------------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|--|----------|----------|
| | | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | | 7010 | 7010 TF |
| NPT 1/8 | 27 | 0,940 | 8,4 | 64 | 9,9 | 7,30 | 8 | 4 | | ● | ● |
| NPT 1/4 | 18 | 1,411 | 10,8 | 72 | 19,0 | 9,95 | 12 | 4 | | ● | ● |
| NPT 3/8 | 18 | 1,411 | 14,2 | 80 | 14,8 | 12,50 | 14 | 4 | | ● | ● |
| NPT 1/2 | 14 | 1,810 | 16,3 | 80 | 19,1 | 14,50 | 14 | 4 | | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

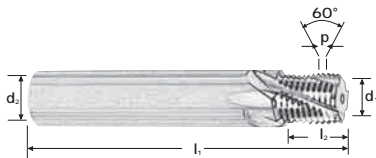


ELICA DX **27°**/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per filettatura NPT ANSI B 1.20.3 - Conicità 1:16

Solid carbide thread milling cutters with straight shank and internal cooling, for American standard taper pipe thread ANSI B 1.20.1 - taper 1 : 16

Per filettature interne
For internal threads



| Tipo / Type | | | | | | | | | | Multi TM | Multi TM |
|----------------------|------------|-------|-------------|----------------|----------------|------------------|----------------|----|---|---------------------|---------------------|
| Materiale / Material | | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" | Passo | Preforo Ø | l ₁ | l ₂ | Ø d ₁ | d ₂ | Z | | 7012 | 7012 |
| | Tpi | Pitch | Tap drill Ø | mm | mm | (nominal) | mm | | | TF | TF |
| NPT | 1/8 | 27 | 0,940 | 8,4 | 64 | 9,9 | 7,30 | 8 | 4 | ● | ● |
| NPT | 1/4 | 18 | 1,411 | 10,8 | 72 | 19,0 | 9,95 | 12 | 4 | ● | ● |
| NPT | 3/8 | 18 | 1,411 | 14,2 | 80 | 14,8 | 12,50 | 14 | 4 | ● | ● |
| NPT | 1/2 | 14 | 1,810 | 16,3 | 80 | 19,1 | 14,50 | 14 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



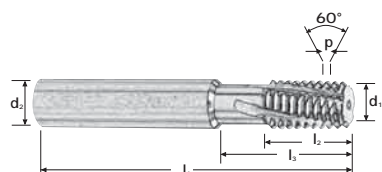
ELICA DX 15°/RIGHT HAND HELIX 15°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per Filettatura Metrica DIN 13

Solid carbide thread milling cutters with straight shank and internal cooling, for ISO metric thread as per DIN 13

Per filettature interne

For internal threads



Tipo / Type

Materiale / Material

Multi TM
Multi TM

| Ø d ₁ (nominal) | Passo Pitch | l ₁ mm | l ₂ mm | l ₃ mm | d ₂ mm | Z | Multi TM | Multi TM |
|-------------------------------|----------------|----------------------|----------------------|----------------------|----------------------|---|----------|----------|
| | | | | | | | VHM | VHM |
| 8 | 0,50 | 64 | 16 | 16 | 8 | 4 | 7020 | 7020 TF |
| 8 | 0,75 | 64 | 16 | 16 | 8 | 4 | ● | ● |
| 10 | 0,75 | 70 | 16 | 25 | 10 | 4 | ● | ● |
| 10 | 1,00 | 70 | 16 | 25 | 10 | 4 | ● | ● |
| 10 | 1,25 | 70 | 16 | 25 | 10 | 4 | ● | ● |
| 10 | 1,50 | 70 | 16 | 25 | 10 | 4 | ● | ● |
| 12 | 0,50 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| 12 | 1,00 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| 12 | 1,25 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| 12 | 1,50 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| 12 | 2,00 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| 16 | 1,00 | 90 | 25 | 40 | 16 | 5 | ● | ● |
| 16 | 1,50 | 90 | 25 | 40 | 16 | 5 | ● | ● |
| 16 | 2,00 | 90 | 25 | 40 | 16 | 5 | ● | ● |
| 16 | 2,50 | 90 | 25 | 40 | 16 | 5 | ● | ● |
| 20 | 1,00 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| 20 | 1,50 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| 20 | 2,00 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| 20 | 2,50 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| 20 | 3,00 | 105 | 33 | 50 | 20 | 5 | ● | ● |

Per evitare errori di profilo, il diametro della fresa deve essere massimo 2/3 della madrevite.
To avoid too deeply milled profiles, the thread mill Ø must not exceed 2/3 of the Ø of thread to be milled.

● Utensile disponibile a magazzino / Items available ex stock



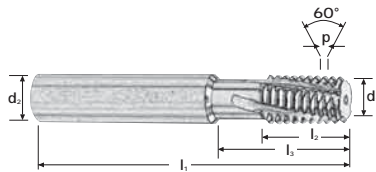
ELICA DX 15°/RIGHT HAND HELIX 15°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per filettatura UN ANSI B 1.1

Solid carbide thread milling cutters with straight shank and internal cooling, for Unified national thread UN ANSI B 1.1

Per filettature interne

For internal threads



Tipo / Type

Multi TM
Multi TM

Materiale / Material

| Ø mm | Ø d ₁ (nominal) | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₃ mm | d ₂ mm | Z | Multi TM | Multi TM |
|----------|-------------------------------|-------------------|----------------|--------------------------|----------------------|----------------------|----------------------|----------------------|---|----------|----------|
| | | | | | | | | | | VHM | VHM |
| UN 1/2 | 10 | 24 | 1,06 | 11,7 | 70 | 16 | 25 | 10 | 4 | ● | ● |
| UN 5/8 | 12 | 24 | 1,06 | 18,1 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| UN 11/16 | 12 | 20 | 1,28 | 17,9 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| UN 5/8 | 12 | 18 | 1,42 | 17,7 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| UN 5/8 | 12 | 16 | 1,60 | 17,5 | 80 | 20 | 31 | 12 | 4 | ● | ● |
| UN 13/16 | 16 | 24 | 1,06 | 24,5 | 90 | 25 | 40 | 16 | 4 | ● | ● |
| UN 13/16 | 16 | 20 | 1,28 | 24,2 | 90 | 25 | 40 | 16 | 4 | ● | ● |
| UN 7/8 | 16 | 18 | 1,42 | 24,1 | 90 | 25 | 40 | 16 | 4 | ● | ● |
| UN 7/8 | 16 | 16 | 1,60 | 23,9 | 90 | 25 | 40 | 16 | 4 | ● | ● |
| UN 7/8 | 16 | 14 | 1,82 | 23,7 | 90 | 25 | 40 | 16 | 4 | ● | ● |
| UN 7/8 | 16 | 12 | 2,12 | 23,4 | 90 | 25 | 40 | 16 | 4 | ● | ● |
| UN 1 | 20 | 24 | 1,06 | 30,8 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| UN 1 | 20 | 20 | 1,28 | 30,6 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| UN 1 | 20 | 18 | 1,42 | 30,5 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| UN 1 | 20 | 16 | 1,60 | 30,3 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| UN 1 | 20 | 14 | 1,82 | 30,1 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| UN 1 | 20 | 12 | 2,12 | 29,8 | 105 | 33 | 50 | 20 | 5 | ● | ● |
| UN 1 | 20 | 8 | 3,19 | 28,7 | 105 | 33 | 50 | 20 | 5 | ● | ● |

Per evitare errori di profilo, il diametro della fresa deve essere massimo 2/3 della madrevite.
To avoid too deeply milled profiles, the thread mill Ø must not exceed 2/3 of the Ø of thread to be milled.

● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 15°/RIGHT HAND HELIX 15°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per filettatura Gas cilindrica BSP DIN – ISO 228

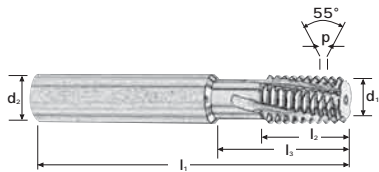
Solid carbide thread milling cutters with straight shank and internal cooling, for British standard pipe thread DIN – ISO 228

Per filettature interne ed esterne

For internal and external threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

Multi TM

Multi TM

VHM

VHM

| Ø mm | Ø d ₁ (nominal) | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₃ mm | d ₂ mm | Z | 7024 | 7024 TF |
|--|----------------------------|----------------|-------------|-----------------------|-------------------|-------------------|-------------------|-------------------|---|------|---------|
| G 1/4 - 3/8 | 10 | 19 | 1,336 | 11,80 | 70 | 16 | 25 | 10 | 4 | ● | ● |
| G 1/2 - 5/8 - 3/4 - 7/8 | 16 | 14 | 1,814 | 19,00 | 90 | 25 | 40 | 16 | 5 | ● | ● |
| G 1-11/8 - 11/4 - 13/8 - 11/2 - 13/4 - 2 | 20 | 11 | 2,309 | 30,75 | 105 | 33 | 50 | 20 | 5 | ● | ● |
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Per evitare errori di profilo, il diametro della fresa deve essere massimo 2/3 della madrevite.
To avoid too deeply milled profiles, the thread mill Ø must not exceed 2/3 of the Ø of thread to be milled.

● Utensile disponibile a magazzino / Items available ex stock



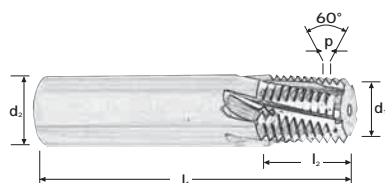
ELICA DX 15°/RIGHT HAND HELIX 15°

Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per filettatura NPT ANSI B 1.20.1 - Conicità 1 : 16

Solid carbide thread milling cutters with straight shank and internal cooling, for American standard taper pipe thread ANSI B 1.20.1 - taper 1 : 16

Per filettature interne

For internal threads



Tipo / Type

Materiale / Material

| | | | | | | | | | Multi TM | Multi TM |
|---------------|-------------------|----------------|--------------------------|----------------------|----------------------|-------------------------------|----------------------|---|----------|----------|
| | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7030 | 7030 TF |
| NPT 1/2 ÷ 3/4 | 14,0 | 1,81 | 18 - 23 | 90 | 19,05 | 14,5 | 16 | 5 | ● | ● |
| NPT 1" ÷ 2" | 11,5 | 2,21 | 29 - 56 | 90 | 23,19 | 18,5 | 20 | 5 | ● | ● |
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Per evitare errori di profilo, il diametro della fresa deve essere massimo 2/3 della madrevite.
To avoid too deeply milled profiles, the thread mill Ø must not exceed 2/3 of the Ø of thread to be milled.

● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 15°/RIGHT HAND HELIX 15°

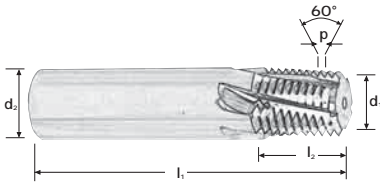
Frese a filettare in metallo duro integrale con attacco cilindrico e fori di lubrificazione interna per filettatura NPTF ANSI B 1.20.3 - Conicità 1 : 16

Solid carbide thread milling cutters with straight shank and internal cooling, for dryseal American standard taper pipe thread ANSI B 1.20.3 - taper 1 : 16

Per filettature interne
For internal threads



Lubrificazione assiale
Axial internal cooling



| Tipo / Type | | | | | | | | | Multi TM | Multi TM |
|----------------------|----------------|-------------|-----------------------|-------------------|-------------------|----------------------------|-------------------|---|----------|----------|
| Materiale / Material | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 7032 | 7032 TF |
| NPTF 1/2 ÷ 3/4 | 14,0 | 1,81 | 18 - 23 | 90 | 19,05 | 14,5 | 16 | 5 | ● | ● |
| NPTF 1" ÷ 2" | 11,5 | 2,21 | 29 - 56 | 90 | 23,19 | 18,5 | 20 | 5 | ● | ● |
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Per evitare errori di profilo, il diametro della fresa deve essere massimo 2/3 della madrevite.
To avoid too deeply milled profiles, the thread mill Ø must not exceed 2/3 of the Ø of thread to be milled.

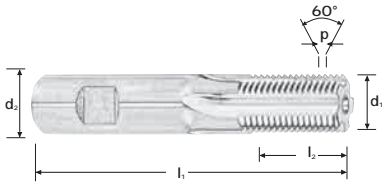
● Utensile disponibile a magazzino / Items available ex stock



Frese a filettare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna in metallo duro integrale per Filettatura Metrica DIN 13

Thread milling cutters with Unified shank acc. to DIN 6535 HB and internal cooling made of solid carbide, for ISO metric thread as per DIN 13

Per filettature interne
For internal threads



| Tipo / Type | | | | | | | Multi TM | Multi TM |
|------------------------------|----------------|-------------|-------------|-------------|---|------|----------|----------|
| Materiale / Material | | | | | | | VHM | VHM |
| $\emptyset d_1$ (nominal) | Passo Pitch | l_1 mm | l_2 mm | d_2 mm | Z | 6930 | 6930 TF | |
| 20 | 1,0 | 105 | 32 | 20 | 5 | ■ | ■ | |
| 16 | 1,5 | 90 | 25 | 16 | 5 | ■ | ■ | |
| 20 | 1,5 | 105 | 32 | 20 | 5 | ■ | ■ | |
| 16 | 2,0 | 90 | 25 | 16 | 5 | ■ | ■ | |
| 20 | 2,0 | 105 | 32 | 20 | 5 | ■ | ■ | |
| 20 | 2,5 | 105 | 32 | 20 | 5 | ■ | ■ | |
| 20 | 3,0 | 105 | 32 | 20 | 5 | ■ | - | |
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Per evitare errori di profilo il diametro della fresa deve essere massimo 2/3 della madrevite per le filettature grosse e massimo 3/4 per le filettature fini.
To avoid too deeply milled profiles, the thread mill \emptyset must not exceed 2/3 of the \emptyset of thread to be milled.

■ Fino ad esaurimento scorte / discontinued items



Frese a filettare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna in metallo duro integrale per Filettatura Metrica DIN 13

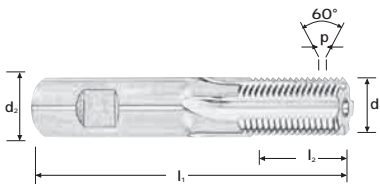
Thread milling cutters with Unified shank acc. to DIN 6535 HB and internal cooling made of solid carbide, for ISO metric thread as per DIN 13

Per filettature esterne

For external threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| Ø d ₁ (nominal) | Passo Pitch | l ₁ mm | l ₂ mm | d ₂ mm | Z | Multi™ | Multi™ |
|-------------------------------|----------------|----------------------|----------------------|----------------------|---|--------|---------|
| | | | | | | VHM | VHM |
| 12 | 1,0 | 80 | 20 | 12 | 4 | 6931 | 6931 TF |
| 12 | 1,5 | 80 | 20 | 12 | 4 | ■ | - |
| 16 | 1,5 | 90 | 25 | 16 | 5 | ■ | - |
| 16 | 2,0 | 90 | 25 | 16 | 5 | ■ | ■ |
| 20 | 2,0 | 105 | 32 | 20 | 5 | ■ | ■ |
| 20 | 3,0 | 105 | 32 | 20 | 5 | - | ■ |
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Per evitare errori di profilo il diametro della fresa deve essere massimo 2/3 della madrevite per le filettature grosse e massimo 3/4 per le filettature fini.
To avoid too deeply milled profiles, the thread mill Ø must not exceed 2/3 of the Ø of thread to be milled.

■ Fino ad esaurimento scorte / discontinued items



Frese a filettare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna in metallo duro integrale per Filettatura Gas cilindrica DIN – ISO 228

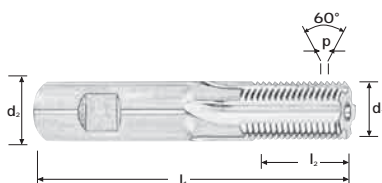
Thread milling cutters with unified shank acc. to DIN 6535 HB and internal cooling made of solid carbide, for British standard pipe thread DIN – ISO 228

Per filettature interne ed esterne

For internal and external threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Multi TM

Multi TM

Materiale / Material

VHM

VHM

| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | Ø d ₁ (nominal) | d ₂ mm | Z | 6932 | 6932 TF |
|-------|-------------------|----------------|--------------------------|----------------------|----------------------|-------------------------------|----------------------|---|------|---------|
| G 1/2 | 14 | 1,814 | 30,75 | 105 | 32 | 20 | 20 | 5 | ■ | ■ |
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■ Fino ad esaurimento scorte / discontinued items

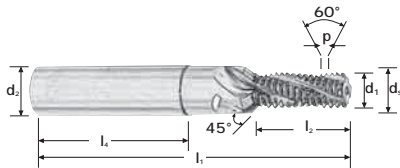


ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for ISO metric coarse thread as per DIN 13

Per filettature interne
For internal threads



Tipo / Type

Materiale / Material

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds | Z | Multi CTM | Multi CTM |
|--------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|------------------------|------|---|-----------|-----------|
| | | | | | | | | | | VHM | VHM |
| M 2,0 | 0,40 | 1,60 | 48 | 3,40 | 36 | 1,5 | 6 | 2,1 | 2 | 7040 | 7040 TF |
| M 2,5 | 0,45 | 2,05 | 48 | 4,25 | 36 | 1,9 | 6 | 2,6 | 3 | ● | ● |
| M 3,0 | 0,50 | 2,50 | 48 | 5,25 | 36 | 2,3 | 6 | 3,2 | 3 | ● | ● |
| M 3,5 | 0,60 | 2,75 | 48 | 6,30 | 36 | 2,7 | 6 | 3,7 | 3 | ● | ● |
| M 4,0 | 0,70 | 3,30 | 48 | 7,35 | 36 | 3,0 | 6 | 4,2 | 3 | ● | ● |
| M 5,0 | 0,80 | 4,20 | 54 | 9,15 | 36 | 3,8 | 6 | 5,3 | 3 | ● | ● |
| M 6,0 | 1,00 | 5,00 | 62 | 10,50 | 36 | 4,5 | 8 | 6,3 | 3 | ● | ● |
| M 8,0 | 1,25 | 6,80 | 74 | 13,10 | 40 | 6,0 | 10 | 8,4 | 3 | ● | ● |
| M 10,0 | 1,50 | 8,50 | 80 | 17,20 | 45 | 8,0 | 12 | 10,5 | 4 | ● | ● |
| M 12,0 | 1,75 | 10,20 | 90 | 20,05 | 45 | 10,0 | 14 | 12,6 | 4 | ● | ● |
| M 14,0 | 2,00 | 12,00 | 102 | 25,00 | 48 | 10,8 | 16 | 14,7 | 4 | ● | ● |
| M 16,0 | 2,00 | 14,00 | 102 | 27,00 | 48 | 12,8 | 18 | 16,8 | 4 | ● | ● |
| M 18,0 | 2,50 | 15,50 | 125 | 33,70 | 50 | 13,9 | 20 | 21,0 | 4 | ● | ● |
| M 20,0 | 2,50 | 17,50 | 125 | 33,70 | 50 | 13,9 | 20 | 21,0 | 4 | ● | ● |

● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

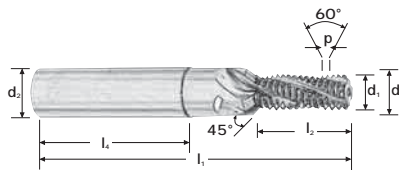
Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for ISO metric coarse thread as per DIN 13

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

| Multi CTM | Multi CTM |
|-----------|-----------|
| VHM | VHM |

Materiale / Material

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds | Z | Multi CTM | Multi CTM |
|--------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|------------------------|------|---|-----------|-----------|
| | | | | | | | | | | 7041 | 7041 TF |
| M 2,0 | 0,40 | 1,60 | 48 | 4,6 | 36 | 1,50 | 6 | 2,1 | 2 | ● | ● |
| M 2,5 | 0,45 | 2,05 | 48 | 6,1 | 36 | 1,90 | 6 | 2,6 | 3 | ● | ● |
| M 3,0 | 0,50 | 2,50 | 48 | 6,7 | 36 | 2,30 | 6 | 3,2 | 3 | ● | ● |
| M 3,5 | 0,60 | 2,75 | 48 | 8,1 | 36 | 2,70 | 6 | 3,7 | 3 | ● | ● |
| M 4,0 | 0,70 | 3,30 | 48 | 8,7 | 36 | 3,00 | 6 | 4,2 | 3 | ● | ● |
| M 5,0 | 0,80 | 4,20 | 54 | 10,8 | 36 | 3,80 | 6 | 5,3 | 3 | ● | ● |
| M 6,0 | 1,00 | 5,00 | 62 | 13,5 | 36 | 4,50 | 8 | 6,3 | 3 | ● | ● |
| M 8,0 | 1,25 | 6,80 | 74 | 18,1 | 40 | 5,95 | 10 | 8,4 | 3 | ● | ● |
| M 10,0 | 1,50 | 8,50 | 80 | 21,7 | 45 | 7,95 | 12 | 10,5 | 4 | ● | ● |
| M 12,0 | 1,75 | 10,20 | 90 | 25,3 | 45 | 9,95 | 14 | 12,6 | 4 | ● | ● |
| M 14,0 | 2,00 | 12,00 | 102 | 31,0 | 48 | 10,80 | 16 | 14,7 | 4 | ● | ● |
| M 16,0 | 2,00 | 14,00 | 102 | 35,0 | 48 | 12,80 | 18 | 16,8 | 4 | ● | ● |
| M 18,0 | 2,50 | 15,50 | 125 | 41,2 | 50 | 13,90 | 20 | 21,5 | 4 | ● | ● |
| M 20,0 | 2,50 | 17,50 | 125 | 41,2 | 50 | 13,90 | 20 | 21,5 | 4 | ● | ● |

● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

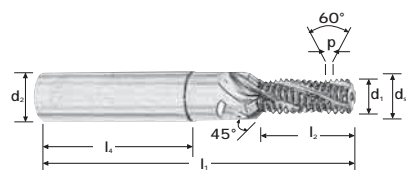
Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for ISO metric coarse thread as per DIN 13

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| | | | | | | | | | | | Multi CTM | Multi CTM |
|-------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|------------------------------------|------|---|--|-----------|-----------|
| | | | | | | | | | | | VHM | VHM |
| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h ₆ | Ø ds | Z | | 7042 | 7042 TF |
| MF 4 | 0,50 | 3,3 | 48 | 7,25 | 36 | 3,00 | 6 | 4,2 | 3 | | ● | ● |
| MF 5 | 0,50 | 4,2 | 54 | 8,75 | 36 | 3,80 | 6 | 5,3 | 3 | | ● | ● |
| MF 6 | 0,50 | 5,0 | 62 | 9,75 | 36 | 4,50 | 8 | 6,3 | 3 | | ● | ● |
| MF 6 | 0,75 | 5,0 | 62 | 10,13 | 36 | 4,50 | 8 | 6,3 | 3 | | ● | ● |
| MF 8 | 0,50 | 6,8 | 74 | 12,75 | 40 | 5,95 | 10 | 8,4 | 3 | | ● | ● |
| MF 8 | 0,75 | 6,8 | 74 | 13,13 | 40 | 5,95 | 10 | 8,4 | 3 | | ● | ● |
| MF 8 | 1,00 | 6,8 | 74 | 13,50 | 40 | 5,95 | 10 | 8,4 | 3 | | ● | ● |
| MF 10 | 1,00 | 8,5 | 80 | 16,50 | 45 | 7,95 | 12 | 10,5 | 4 | | ● | ● |
| MF 10 | 1,25 | 8,5 | 80 | 16,90 | 45 | 7,95 | 12 | 10,5 | 4 | | ● | ● |
| MF 12 | 1,00 | 10,2 | 90 | 19,50 | 45 | 9,95 | 14 | 12,6 | 4 | | ● | ● |
| MF 12 | 1,50 | 10,2 | 90 | 20,25 | 45 | 9,95 | 14 | 12,6 | 4 | | ● | ● |
| MF 14 | 1,50 | 12,0 | 102 | 23,25 | 48 | 10,80 | 16 | 14,7 | 4 | | ● | ● |
| MF 16 | 1,50 | 14,0 | 102 | 26,25 | 48 | 12,80 | 18 | 16,8 | 4 | | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



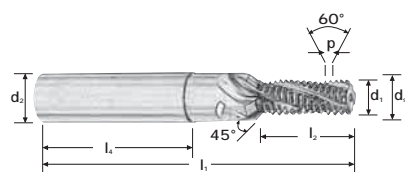
ELICA DX **27°**/RIGHT HAND HELIX **27°**

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for ISO metric coarse thread as per DIN 13

Per filettature interne

For internal threads



Tipo / Type

Materiale / Material

| Multi CTM | Multi CTM |
|-----------|-----------|
| VHM | VHM |

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h ₆ | Ø ds | Z | 7043 | 7043 TF |
|-------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|------------------------------------|------|---|------|---------|
| MF 4 | 0,50 | 3,3 | 48 | 8,7 | 36 | 3,00 | 6 | 4,2 | 3 | ● | ● |
| MF 5 | 0,50 | 4,2 | 54 | 10,7 | 36 | 3,80 | 6 | 5,3 | 3 | ● | ● |
| MF 6 | 0,50 | 5,0 | 62 | 12,7 | 36 | 4,50 | 8 | 6,3 | 3 | ● | ● |
| MF 6 | 0,75 | 5,0 | 62 | 13,1 | 36 | 4,50 | 8 | 6,3 | 3 | ● | ● |
| MF 8 | 0,50 | 6,8 | 74 | 17,7 | 40 | 5,95 | 10 | 8,4 | 3 | ● | ● |
| MF 8 | 0,75 | 6,8 | 74 | 16,9 | 40 | 5,95 | 10 | 8,4 | 3 | ● | ● |
| MF 8 | 1,00 | 6,8 | 74 | 17,5 | 40 | 5,95 | 10 | 8,4 | 3 | ● | ● |
| MF 10 | 1,00 | 8,5 | 80 | 21,5 | 45 | 7,95 | 12 | 10,5 | 4 | ● | ● |
| MF 10 | 1,25 | 8,5 | 80 | 21,9 | 45 | 7,95 | 12 | 10,5 | 4 | ● | ● |
| MF 12 | 1,00 | 10,2 | 90 | 25,5 | 45 | 9,95 | 14 | 12,6 | 4 | ● | ● |
| MF 12 | 1,50 | 10,2 | 90 | 26,2 | 45 | 9,95 | 14 | 12,6 | 4 | ● | ● |
| MF 14 | 1,50 | 12,0 | 102 | 30,8 | 48 | 10,80 | 16 | 14,7 | 4 | ● | ● |
| MF 16 | 1,50 | 14,0 | 102 | 33,8 | 48 | 12,80 | 18 | 16,8 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

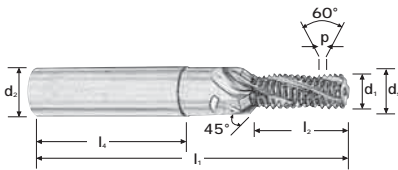
Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura UNC ANSI B 1.1

Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for unified thread UNC ANSI B 1.1

Per filettature interne
For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

| | |
|-----------|-----------|
| Multi CTM | Multi CTM |
| VHM | VHM |

Materiale / Material

| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds | Z | 7046 | 7046 TF |
|------------|----------------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|------------------------|------|---|------|---------|
| UNC nr. 8 | 32 | 0,79 | 3,5 | 48 | 9,1 | 36 | 3,10 | 6 | 4,4 | 3 | ● | ● |
| UNC nr. 10 | 24 | 1,06 | 3,8 | 54 | 11,1 | 36 | 3,60 | 6 | 5,1 | 3 | ● | ● |
| UNC nr. 12 | 24 | 1,06 | 4,5 | 54 | 12,2 | 36 | 4,10 | 6 | 5,8 | 3 | ● | ● |
| UNC 1/4 | 20 | 1,27 | 5,2 | 62 | 14,6 | 36 | 4,80 | 8 | 6,7 | 3 | ● | ● |
| UNC 5/16 | 18 | 1,41 | 6,5 | 74 | 17,6 | 40 | 5,95 | 10 | 8,3 | 3 | ● | ● |
| UNC 3/8 | 16 | 1,59 | 8,0 | 80 | 21,4 | 45 | 7,10 | 12 | 10,0 | 4 | ● | ● |
| UNC 7/16 | 14 | 1,81 | 9,3 | 80 | 24,5 | 45 | 7,95 | 12 | 11,7 | 4 | ● | ● |
| UNC 1/2 | 13 | 1,95 | 10,8 | 90 | 28,3 | 45 | 9,95 | 14 | 13,3 | 4 | ● | ● |
| UNC 9/16 | 12 | 2,12 | 12,3 | 102 | 30,7 | 48 | 10,80 | 16 | 15,0 | 4 | ● | ● |
| UNC 5/8 | 11 | 2,31 | 13,5 | 102 | 30,7 | 48 | 11,90 | 18 | 16,7 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura UNF ANSI B 1.1

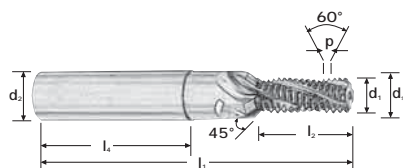
Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for unified thread UNF ANSI B 1.1

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale/Material

Multi CTM Multi CTM

VHM

VHM

| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d _{2mm} h6 | Ø ds | Z | 7048 | 7048 TF |
|------------|----------------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|-----------------------|------|---|------|---------|
| UNF nr. 10 | 32 | 0,79 | 4,0 | 54 | 11,5 | 36 | 3,6 | 6 | 5,1 | 3 | ● | ● |
| UNF nr. 12 | 28 | 0,91 | 4,6 | 54 | 12,2 | 36 | 4,1 | 6 | 5,8 | 3 | ● | ● |
| UNF 1/4 | 28 | 0,91 | 5,5 | 62 | 14,1 | 36 | 4,8 | 8 | 6,3 | 3 | ● | ● |
| UNF 5/16 | 24 | 1,06 | 6,8 | 74 | 17,4 | 40 | 5,95 | 10 | 8,3 | 3 | ● | ● |
| UNF 3/8 | 24 | 1,06 | 8,5 | 80 | 20,7 | 45 | 7,95 | 12 | 10,0 | 4 | ● | ● |
| UNF 7/16 | 20 | 1,27 | 9,8 | 80 | 24,7 | 45 | 7,95 | 12 | 11,7 | 4 | ● | ● |
| UNF 1/2 | 20 | 1,27 | 11,5 | 90 | 27,3 | 45 | 9,95 | 14 | 13,3 | 4 | ● | ● |
| UNF 9/16 | 18 | 1,41 | 12,8 | 102 | 30,3 | 48 | 10,8 | 16 | 15,0 | 4 | ● | ● |
| UNF 5/8 | 18 | 1,41 | 14,5 | 102 | 33,1 | 48 | 11,9 | 18 | 16,7 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX **27°**/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura Gas cilindrica BSP DIN ISO 228

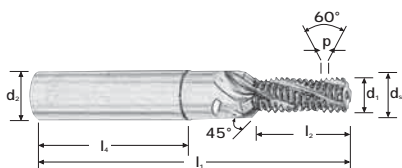
Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for British standard pipe thread DIN – ISO 228

Per filettature interne ed esterne

For internal and external threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds | Z | Multi CTM | Multi CTM |
|-------|-------------------|----------------|--------------------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------|---|-----------|-----------|
| | | | | | | | | | | | VHM | VHM |
| G 1/8 | 28 | 0,88 | 8,7 | 80 | 21,25 | 45 | 7,95 | 12 | 10,2 | 4 | 7044 | 7044 TF |
| G 1/4 | 19 | 1,29 | 11,8 | 90 | 28,65 | 45 | 9,95 | 14 | 13,8 | 4 | ● | ● |
| G 3/8 | 19 | 1,29 | 15,2 | 102 | 35,35 | 48 | 13,6 | 18 | 17,5 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura NPT ANSI B 1.20.1

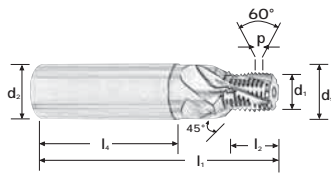
Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for American standard taper pipe thread ANSI B 1.20.1

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Multi CTM Multi CTM

Materiale/Material

VHM VHM

| Ø mm | Filetti/1" Tpi | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds | Z | 7050 | 7050 TF |
|---------|----------------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|------------------------|------|---|------|---------|
| NPT 1/8 | 27 | 0,94 | 8,4 | 70 | 9,86 | 45 | 7,30 | 12 | 10,0 | 4 | ● | ● |
| NPT 1/4 | 18 | 1,41 | 10,8 | 80 | 14,8 | 48 | 9,95 | 16 | 13,1 | 4 | ● | ● |
| NPT 3/8 | 18 | 1,41 | 12,4 | 80 | 14,8 | 48 | 12,50 | 18 | 16,7 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



ELICA DX 27°/RIGHT HAND HELIX 27°

Frese a filettare in metallo duro integrale e svasare con attacco cilindrico e fori di lubrificazione interna, per Filettatura NPTF ANSI B 1.20.3

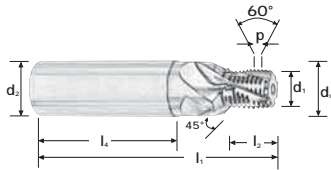
Solid carbide thread milling cutters with chamfer, with straight shank and internal cooling, for dryseal American standard taper pipe thread ANSI B 1.20.3

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

Multi CTM

VHM

Multi CTM

VHM

| \emptyset mm | Filetti/1" Tpi | Passo Pitch | Preforo \emptyset Tap drill \emptyset | l_1 mm | l_2 mm | l_4 mm | $\emptyset d_1$ (nominal) | $\emptyset d_2$ mm h6 | $\emptyset ds$ | Z | 7052 | 7052 TF |
|----------------|-------------------|----------------|--|-------------|-------------|-------------|------------------------------|--------------------------|----------------|---|------|---------|
| NPTF 1/8 | 27 | 0,94 | 8,4 | 70 | 9,83 | 45 | 7,30 | 12 | 10,0 | 4 | ● | ● |
| NPTF 1/4 | 18 | 1,41 | 10,8 | 80 | 14,77 | 48 | 9,95 | 16 | 13,1 | 4 | ● | ● |
| NPTF 3/8 | 18 | 1,41 | 14,2 | 80 | 14,77 | 48 | 12,50 | 18 | 16,7 | 4 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



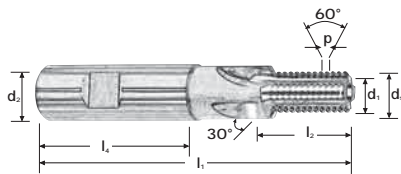
Frese a filettare e svasare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, in metallo duro integrale per Filettatura Metrica ISO Passo Grosso DIN13

Thread milling cutters with chamfer, with shank acc. to DIN 6535 HB and internal cooling, made of solid carbide for ISO metric coarse thread as per DIN 13

Per filettature interne
For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type



Materiale / Material

Multi CTM **Multi CTM**

VHM

VHM

| \emptyset mm | Passo Pitch | Preforo \emptyset Tap drill \emptyset | l_1 mm | l_2 mm | l_4 mm | $\emptyset d_1$ (nominal) | $\emptyset d_{1,mm}$ | $\emptyset d_{2,mm} h_6$ | $\emptyset ds$ | Z | 6933 | 6933 TF |
|----------------|-------------|---|----------|----------|----------|---------------------------|----------------------|--------------------------|----------------|---|------|---------|
| M 5 | 0,80 | 4,2 | 55 | 7,6 | 36 | 4,00 | 6 | 4,0 | 5,3 | 3 | - | ■ |
| M 6 | 1,00 | 5,0 | 62 | 9,5 | 36 | 4,80 | 8 | 4,8 | 6,3 | 3 | ■ | ■ |
| M 8 | 1,25 | 6,8 | 74 | 13,1 | 40 | 6,50 | 10 | 6,5 | 8,3 | 3 | ■ | ■ |
| M 10 | 1,50 | 8,5 | 80 | 15,8 | 45 | 8,20 | 12 | 8,2 | 10,3 | 3 | ■ | ■ |
| M 12 | 1,75 | 10,2 | 90 | 17,9 | 45 | 9,95 | 14 | 9,9 | 12,3 | 4 | ■ | ■ |
| M 14 | 2,00 | 12,0 | 100 | 23,0 | 48 | 11,60 | 16 | 11,6 | 14,3 | 4 | ■ | ■ |
| M 16 | 2,00 | 14,0 | 102 | 25,0 | 48 | 13,60 | 18 | 13,6 | 16,3 | 4 | ■ | ■ |
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■ Fino ad esaurimento scorte / discontinued items



Frese a filettare e svasare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, in metallo duro integrale per Filettatura Metrica ISO Passo Grosso DIN13

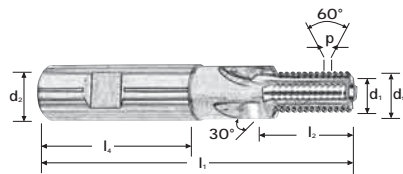
Thread milling cutters with chamfer, with shank acc. to DIN 6535 HB and internal cooling, made of solid carbide for ISO metric coarse thread as per DIN 13

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₁ mm | Ø d ₂ mm h6 | Ø ds | Z | Multi CTM | Multi CTM |
|------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|---------------------|------------------------|------|---|-----------|-----------|
| | | | | | | | | | | | VHM | VHM |
| M 5 | 0,80 | 4,2 | 55 | 10,8 | 32 | 4,00 | 6 | 4,0 | 5,3 | 3 | 6935 | 6935 TF |
| M 6 | 1,00 | 5,0 | 62 | 12,5 | 36 | 4,80 | 8 | 4,8 | 6,3 | 3 | ■ | ■ |
| M 12 | 1,75 | 10,2 | 90 | 25,4 | 45 | 9,95 | 14 | 9,9 | 12,3 | 4 | ■ | ■ |
| M 16 | 2,00 | 14,0 | 102 | 33 | 48 | 13,60 | 18 | 13,6 | 16,3 | 4 | ■ | ■ |
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■ Fino ad esaurimento scorte / discontinued items



Frese a filettare e svasare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, in metallo duro integrale per Filettatura Metrica ISO Passo fine DIN13

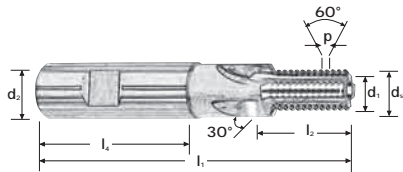
Thread milling cutters with chamfer, with shank acc. to DIN 6535 HB and internal cooling made of solid carbide for ISO metric fine thread as per DIN 13

Per filettature interne

For internal threads



Lubrificazione assiale
Axial internal cooling



Tipo / Type

Materiale / Material

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₁ mm | Ø d ₂ mm h6 | Ø ds | Z | Multi CTM | Multi CTM |
|------|----------------|--------------------------|----------------------|----------------------|----------------------|-------------------------------|---------------------|---------------------------|------|---|-----------|------------|
| | | | | | | | | | | | 6934 | 6934 TF |
| M 6 | 0,75 | 5,0 | 62 | 9,40 | 36 | 4,50 | 5,0 | 8 | 6,3 | 3 | ■ | ■ |
| M 8 | 1,00 | 6,8 | 74 | 12,50 | 40 | 5,95 | 6,7 | 10 | 8,3 | 3 | ■ | ■ |
| M 10 | 1,00 | 8,5 | 80 | 15,50 | 45 | 7,95 | 8,7 | 12 | 10,3 | 3 | ■ | ■ |
| M 12 | 1,00 | 10,2 | 90 | 18,50 | 45 | 9,95 | 10,6 | 14 | 12,3 | 4 | ■ | ■ |
| M 12 | 1,50 | 10,2 | 90 | 18,75 | 45 | 9,95 | 10,1 | 14 | 12,3 | 4 | ■ | ■ |
| M 14 | 1,50 | 12,0 | 100 | 21,75 | 48 | 11,60 | 12,1 | 16 | 14,3 | 4 | ■ | ■ |
| M 16 | 1,50 | 14,0 | 102 | 24,80 | 48 | 13,60 | 14,0 | 18 | 16,3 | 4 | - | ■ |
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■ Fino ad esaurimento scorte / discontinued items

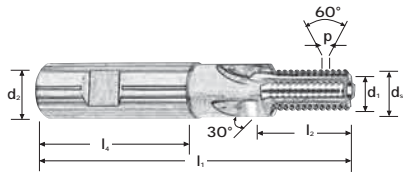


Frese a filettare e svasare con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, in metallo duro integrale per Filettatura Metrica ISO Passo fine DIN13

Thread milling cutters with chamfer, with shank acc. to DIN 6535 HB and internal cooling made of solid carbide for ISO metric fine thread as per DIN 13

Per filettature interne

For internal threads



Tipo / Type

Materiale / Material

| Ø mm | Passo Pitch | Preforo Ø Tap drill Ø | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₁ mm | Ø d ₂ mm h6 | Ø ds | Z | Multi CTM | Multi CTM |
|------|-------------|-----------------------|-------------------|-------------------|-------------------|----------------------------|---------------------|------------------------|------|---|-----------|-----------|
| | | | | | | | | | | | VHM | VHM |
| M 6 | 0,75 | 5,0 | 62 | 12,40 | 36 | 4,50 | 5,0 | 8 | 6,3 | 3 | 6936 | 6936 TF |
| M 8 | 1,00 | 6,8 | 74 | 16,50 | 40 | 5,95 | 6,7 | 10 | 8,3 | 3 | 6936 | 6936 TF |
| M 10 | 1,00 | 8,5 | 80 | 20,50 | 45 | 7,95 | 8,7 | 12 | 10,3 | 3 | 6936 | 6936 TF |
| M 12 | 1,00 | 10,2 | 90 | 24,50 | 45 | 9,95 | 10,6 | 14 | 12,3 | 4 | 6936 | 6936 TF |
| M 12 | 1,50 | 10,2 | 90 | 24,75 | 45 | 9,95 | 10,1 | 14 | 12,3 | 4 | 6936 | 6936 TF |
| M 14 | 1,50 | 12,0 | 100 | 29,25 | 48 | 11,60 | 12,1 | 16 | 14,3 | 4 | 6936 | 6936 TF |
| M 16 | 1,50 | 14,0 | 102 | 32,25 | 48 | 13,60 | 14,0 | 18 | 16,3 | 4 | 6936 | 6936 TF |
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■ Fino ad esaurimento scorte / discontinued items

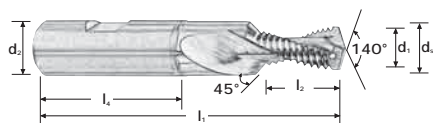


**Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535
 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13**

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
 internal cooling



Tipo / Type

Materiale / Material



Multi DTM Multi DTM

VHM VHM

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l _z mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | Multi DTM | Multi DTM |
|------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|-----------|------------|
| | | | | | | | | | 6940 | 6940 TF |
| *M 3 | 0,50 | 48 | 5,40 | 36 | 2,40 | 6 | 3,2 | 2 | ● | ● |
| *M 4 | 0,70 | 48 | 6,85 | 36 | 3,20 | 6 | 4,2 | 2 | ● | ● |
| *M 5 | 0,80 | 54 | 8,70 | 36 | 4,00 | 6 | 5,3 | 2 | ● | ● |
| M 6 | 1,00 | 62 | 10,85 | 36 | 4,75 | 8 | 6,3 | 2 | ● | ● |
| M 8 | 1,25 | 74 | 13,65 | 40 | 6,35 | 10 | 8,4 | 2 | ● | ● |
| M 10 | 1,50 | 80 | 17,95 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| M 12 | 1,75 | 90 | 20,75 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| M 14 | 2,00 | 102 | 23,55 | 48 | 11,20 | 16 | 14,7 | 2 | ● | ● |
| M 16 | 2,00 | 102 | 25,90 | 48 | 13,20 | 18 | 16,8 | 2 | ● | ● |

*Tutte le misure < M6 senza fori interni / All diameters < M 6 without internal cooling

● Utensile disponibile a magazzino / Items available ex stock



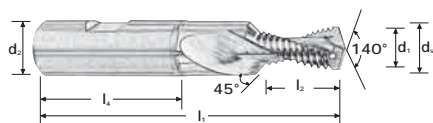
Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di

lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material



2,0 x d₁ 2,0 x d₁

| | | | | | | | | | | Multi DTM | Multi DTM |
|------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|--|-----------|-----------|
| | | | | | | | | | | VHM | VHM |
| ∅ mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | ∅ d ₁ (nominal) | ∅ d ₂ mm h6 | ∅ ds mm | Z | | 6942 | 6942 TF |
| *M 3 | 0,50 | 48 | 6,90 | 36 | 2,40 | 6 | 3,2 | 2 | | ● | ● |
| *M 4 | 0,70 | 48 | 8,95 | 36 | 3,20 | 6 | 4,2 | 2 | | ● | ● |
| *M 5 | 0,80 | 54 | 11,10 | 36 | 4,00 | 6 | 5,3 | 2 | | ● | ● |
| M 6 | 1,00 | 62 | 13,85 | 36 | 4,75 | 8 | 6,3 | 2 | | ● | ● |
| M 8 | 1,25 | 74 | 18,65 | 40 | 6,35 | 10 | 8,4 | 2 | | ● | ● |
| M 10 | 1,50 | 80 | 22,45 | 45 | 7,95 | 12 | 10,5 | 2 | | ● | ● |
| M 12 | 1,75 | 90 | 26,00 | 45 | 9,95 | 14 | 12,6 | 2 | | ● | ● |
| M 14 | 2,00 | 102 | 31,55 | 48 | 11,20 | 16 | 14,7 | 2 | | ● | ● |
| M 16 | 2,00 | 102 | 35,90 | 48 | 13,20 | 18 | 16,8 | 2 | | ● | ● |
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*Tutte le misure < M6 senza fori interni / All diameters < M 6 without internal cooling

● Utensile disponibile a magazzino / Items available ex stock

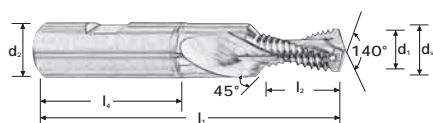


Frese a forare, filettare e svasare a in metallo duro integrale 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



2,5 x d₁

2,5 x d₁

Tipo / Type

Multi DTM Multi DTM

Materiale / Material

VHM

VHM

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 6947 | 6947 TF |
|------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|------|---------|
| M 6 | 1,00 | 62 | 16,85 | 36 | 4,75 | 8 | 6,3 | 2 | ● | ● |
| M 8 | 1,25 | 74 | 22,40 | 40 | 6,35 | 10 | 8,4 | 2 | ● | ● |
| M 10 | 1,50 | 80 | 26,95 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| M 12 | 1,75 | 90 | 31,25 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| M 14 | 2,00 | 102 | 39,55 | 48 | 11,20 | 16 | 14,7 | 2 | ● | ● |
| M 16 | 2,00 | 102 | 45,90 | 48 | 13,20 | 18 | 16,8 | 2 | ● | ● |
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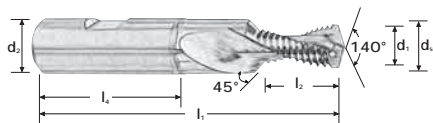
● Utensile disponibile a magazzino / Items available ex stock



Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13

Per filettature interne
For internal threads



1,5 x d₁ 1,5 x d₁

Tipo / Type

Materiale / Material

Multi DTM Multi DTM
VHM VHM

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 6944 | 6944 TF |
|-------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|------|---------|
| *MF 5 | 0,50 | 54 | 8,30 | 36 | 4,00 | 6 | 5,3 | 2 | ● | ● |
| MF 6 | 0,75 | 62 | 9,90 | 36 | 4,75 | 8 | 6,3 | 2 | ● | ● |
| MF 8 | 1,00 | 74 | 14,20 | 40 | 6,35 | 10 | 8,4 | 2 | ● | ● |
| MF 10 | 1,00 | 80 | 16,55 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| MF 10 | 1,25 | 80 | 16,55 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| MF 12 | 1,00 | 90 | 19,95 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| MF 12 | 1,50 | 90 | 21,30 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| MF 14 | 1,50 | 102 | 23,20 | 48 | 11,20 | 16 | 14,7 | 2 | ● | ● |
| MF 16 | 1,50 | 102 | 26,55 | 48 | 13,20 | 18 | 16,8 | 2 | ● | ● |
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*Tutte le misure < M6 senza fori interni / All diameters < M 6 without internal cooling

● Utensile disponibile a magazzino / Items available ex stock

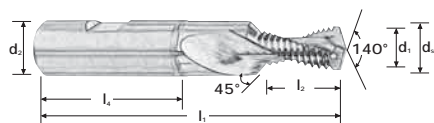


Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | Multi DTM | Multi DTM |
|-------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|-----------|-----------|
| | | | | | | | | | VHM | VHM |
| *MF 5 | 0,50 | 54 | 10,80 | 36 | 4,00 | 6 | 5,3 | 2 | 6946 | 6946 TF |
| MF 6 | 0,75 | 62 | 12,90 | 36 | 4,75 | 8 | 6,3 | 2 | ● | ● |
| MF 8 | 1,00 | 74 | 17,20 | 40 | 6,35 | 10 | 8,4 | 2 | ● | ● |
| MF 10 | 1,00 | 80 | 21,55 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| MF 10 | 1,25 | 80 | 21,55 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| MF 12 | 1,00 | 90 | 25,95 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| MF 12 | 1,50 | 90 | 27,30 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| MF 14 | 1,50 | 102 | 30,70 | 48 | 11,20 | 16 | 14,7 | 2 | ● | ● |
| MF 16 | 1,50 | 102 | 34,05 | 48 | 13,20 | 18 | 16,8 | 2 | ● | ● |



Multi DTM Multi DTM

VHM VHM

*Tutte le misure < M6 senza fori interni / All diameters < M 6 without internal cooling

● Utensile disponibile a magazzino / Items available ex stock

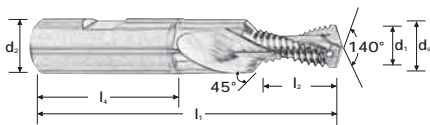


Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Multi DTM
Multi DTM

Materiale/Material

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | Multi DTM | Multi DTM |
|-------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|-----------|-----------|
| | | | | | | | | | VHM | VHM |
| MF 8 | 1,00 | 74 | 21,20 | 40 | 6,35 | 10 | 8,4 | 2 | 6943 | 6943 TF |
| MF 10 | 1,00 | 80 | 26,55 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| MF 10 | 1,25 | 80 | 26,55 | 45 | 7,95 | 12 | 10,5 | 2 | ● | ● |
| MF 12 | 1,00 | 90 | 30,95 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| MF 12 | 1,50 | 90 | 31,80 | 45 | 9,95 | 14 | 12,6 | 2 | ● | ● |
| MF 14 | 1,50 | 102 | 35,20 | 48 | 11,20 | 16 | 14,7 | 2 | ● | ● |
| MF 16 | 1,50 | 102 | 45,55 | 48 | 13,20 | 18 | 16,8 | 2 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

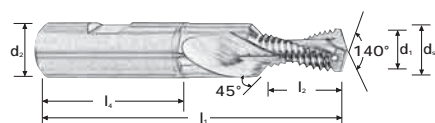


Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura UNC ANSI B 1.1

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for unified thread UNC ANSI B 1.1



Lubrificazione interna
internal cooling



Tipo / Type

Materiale/Material



1,5 x d₁ 1,5 x d₁

Multi DTM Multi DTM

VHM

VHM

| Ø mm | Filetti/1" Tpi | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 7068 | 7068 TF |
|------------|-------------------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|------|------------|
| *UNC nr.10 | 24 | 1,06 | 54 | 9,10 | 36 | 3,60 | 6 | 5,1 | 2 | ● | ● |
| *UNC nr.12 | 24 | 1,06 | 54 | 9,25 | 36 | 4,10 | 6 | 5,8 | 2 | ● | ● |
| UNC 1/4 | 20 | 1,27 | 62 | 11,00 | 36 | 5,00 | 8 | 6,7 | 2 | ● | ● |
| UNC 5/16 | 18 | 1,41 | 74 | 13,80 | 36 | 6,25 | 10 | 8,3 | 2 | ● | ● |
| UNC 3/8 | 16 | 1,59 | 80 | 17,15 | 40 | 7,50 | 12 | 10,0 | 2 | ● | ● |
| UNC 7/16 | 14 | 1,81 | 80 | 19,40 | 45 | 8,80 | 12 | 11,7 | 2 | ● | ● |
| UNC 1/2 | 13 | 1,95 | 90 | 21,90 | 45 | 10,20 | 14 | 13,3 | 2 | ● | ● |
| UNC 9/16 | 12 | 2,12 | 102 | 24,75 | 48 | 11,80 | 16 | 15,0 | 2 | ● | ● |
| UNC 5/8 | 11 | 2,31 | 102 | 26,90 | 48 | 13,10 | 18 | 16,5 | 2 | ● | ● |
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*Nr10 e Nr 12 senza fori interni / No. 10 and No. 12 without internal cooling

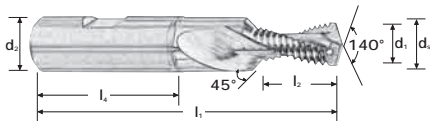
● Utensile disponibile a magazzino / Items available ex stock



**Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535
Forma HB e fori di lubrificazione interna, per Filettatura UNC ANSI B 1.1**

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for unified thread UNC ANSI B 1.1

UNC **TiAlN Futura** **Lubrificazione interna**
internal cooling



Tipo / Type

Materiale / Material

| Ø mm | Filetti/1" Tpi | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | Multi DTM | Multi DTM |
|------------|-------------------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|-----------|-----------|
| | | | | | | | | | | VHM | VHM |
| | | | | | | | | | | 7070 | 7070 TF |
| *UNC nr.10 | 24 | 1,06 | 54 | 11,25 | 36 | 3,60 | 6 | 5,1 | 2 | ● | ● |
| *UNC nr.12 | 24 | 1,06 | 54 | 12,40 | 36 | 4,10 | 6 | 5,8 | 2 | ● | ● |
| UNC 1/4 | 20 | 1,27 | 62 | 14,85 | 36 | 5,00 | 8 | 6,7 | 2 | ● | ● |
| UNC 5/16 | 18 | 1,41 | 74 | 18,00 | 36 | 6,25 | 10 | 8,3 | 2 | ● | ● |
| UNC 3/8 | 16 | 1,59 | 80 | 21,90 | 40 | 7,50 | 12 | 10,0 | 2 | ● | ● |
| UNC 7/16 | 14 | 1,81 | 80 | 24,85 | 45 | 8,80 | 12 | 11,7 | 2 | ● | ● |
| UNC 1/2 | 13 | 1,95 | 90 | 26,80 | 45 | 10,20 | 14 | 13,3 | 2 | ● | ● |
| UNC 9/16 | 12 | 2,12 | 102 | 31,10 | 48 | 11,80 | 16 | 15,0 | 2 | ● | ● |
| UNC 5/8 | 11 | 2,31 | 102 | 36,15 | 48 | 13,10 | 18 | 16,5 | 2 | ● | ● |
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*Nr10 e Nr 12 senza fori interni / No. 10 and No. 12 without internal cooling

● Utensile disponibile a magazzino / Items available ex stock

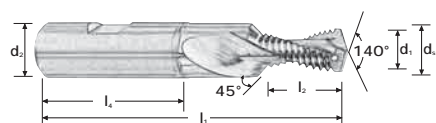


Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 **Forma HB e fori di lubrificazione interna, per Filettatura UNF ANSI B 1.1**

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for unified thread UNF ANSI B 1.1



Lubrificazione interna
 internal cooling



Tipo / Type

Materiale / Material



| | Multi DTM | Multi DTM |
|--|-----------|-----------|
| | VHM | VHM |

| Ø mm | Filetti/1" Tpi | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 7064 | 7064 TF |
|------------|----------------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|------|---------|
| *UNF nr.10 | 32 | 0,79 | 54 | 7,85 | 36 | 3,80 | 6 | 5,1 | 2 | ● | ● |
| *UNF nr.12 | 28 | 0,91 | 54 | 9,85 | 36 | 4,50 | 6 | 5,8 | 2 | ● | ● |
| UNF 1/4 | 28 | 0,91 | 62 | 10,90 | 36 | 5,00 | 8 | 6,7 | 2 | ● | ● |
| UNF 5/16 | 24 | 1,06 | 74 | 13,90 | 36 | 5,95 | 10 | 8,3 | 2 | ● | ● |
| UNF 3/8 | 24 | 1,06 | 80 | 16,30 | 40 | 7,95 | 12 | 10,0 | 2 | ● | ● |
| UNF 7/16 | 20 | 1,27 | 80 | 18,25 | 45 | 7,95 | 12 | 11,7 | 2 | ● | ● |
| UNF 1/2 | 20 | 1,27 | 90 | 21,10 | 45 | 9,95 | 14 | 13,3 | 2 | ● | ● |
| UNF 9/16 | 18 | 1,41 | 102 | 23,40 | 48 | 15,50 | 16 | 15,0 | 2 | ● | ● |
| UNF 5/8 | 18 | 1,41 | 102 | 26,50 | 48 | 17,50 | 18 | 16,7 | 2 | ● | ● |
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*Nr10 e Nr 12 senza fori interni / No. 10 and No. 12 without internal cooling
 ● Utensile disponibile a magazzino / Items available ex stock



Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura UNF ANSI B 1.1

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for unified thread UNF ANSI B 1.1

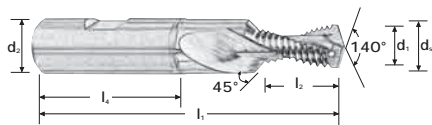


2,0 x d₁

2,0 x d₁



Lubrificazione interna
internal cooling



Tipo / Type

Multi DTM

Multi DTM

Materiale / Material

VHM

VHM

| Ø mm | Filetti/1" Tpi | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 7066 | 7066 TF |
|------------|-------------------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|------|------------|
| *UNF nr.10 | 32 | 0,79 | 54 | 10,20 | 36 | 3,80 | 6 | 5,1 | 2 | ● | ● |
| *UNF nr.12 | 28 | 0,91 | 54 | 12,55 | 36 | 4,50 | 6 | 5,8 | 2 | ● | ● |
| UNF 1/4 | 28 | 0,91 | 62 | 12,70 | 36 | 5,00 | 8 | 6,7 | 2 | ● | ● |
| UNF 5/16 | 24 | 1,06 | 74 | 18,15 | 36 | 5,95 | 10 | 8,3 | 2 | ● | ● |
| UNF 3/8 | 24 | 1,06 | 80 | 20,55 | 40 | 7,95 | 12 | 10,0 | 2 | ● | ● |
| UNF 7/16 | 20 | 1,27 | 80 | 24,60 | 45 | 7,95 | 12 | 11,7 | 2 | ● | ● |
| UNF 1/2 | 20 | 1,27 | 90 | 27,40 | 45 | 9,95 | 14 | 13,3 | 2 | ● | ● |
| UNF 9/16 | 18 | 1,41 | 102 | 30,45 | 48 | 15,50 | 16 | 15,0 | 2 | ● | ● |
| UNF 5/8 | 18 | 1,41 | 102 | 33,55 | 48 | 17,50 | 18 | 16,7 | 2 | ● | ● |
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*Nr10 e Nr 12 senza fori interni / No. 10 and No. 12 without internal cooling

● Utensile disponibile a magazzino / Items available ex stock

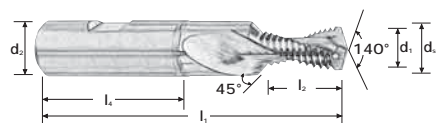


**Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535
 Forma HB e fori di lubrificazione interna, per Filettatura Gas cilindrica BSP DIN ISO 228**

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for British standard pipe thread DIN ISO 228



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material

| | | | | | | | | | | Multi DTM | Multi DTM |
|-------|-------------------|----------------|-------------|-------------|-------------|-------------------------------|---------------------------|------------|---|-----------|------------|
| | | | | | | | | | | VHM | VHM |
| Ø mm | Filetti/1" Tpi | Passo Pitch | l_1 mm | l_2 mm | l_4 mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 7060 | 7060 TF |
| G 1/8 | 28 | 0,91 | 80 | 16 | 45 | 7,95 | 12 | 10,2 | 2 | ● | ● |
| G 1/4 | 19 | 1,34 | 90 | 22 | 45 | 11,00 | 14 | 13,8 | 2 | ● | ● |
| G 3/8 | 19 | 1,34 | 102 | 28 | 48 | 13,80 | 18 | 17,5 | 2 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

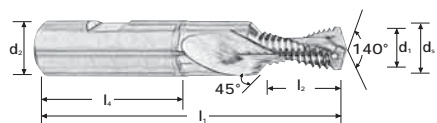


Frese a forare, filettare e svasare in metallo duro integrale a 2 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Gas cilindrica BSP DIN ISO 228

Solid carbide thread milling cutters with chamfer and 2 flutes, with shank acc. to DIN 6535 HB and internal cooling for British standard pipe thread DIN ISO 228



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material

| Ø mm | Filetti/1" Tpi | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | Multi DTM | Multi DTM |
|-------|-------------------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|-----------|-----------|
| | | | | | | | | | | VHM | VHM |
| G 1/8 | 28 | 0,91 | 80 | 21,45 | 45 | 7,95 | 12 | 10,2 | 2 | 7062 | 7062 TF |
| G 1/4 | 19 | 1,34 | 90 | 28,70 | 45 | 11,00 | 14 | 13,8 | 2 | ● | ● |
| G 3/8 | 19 | 1,34 | 102 | 36,00 | 48 | 13,80 | 18 | 17,5 | 2 | ● | ● |
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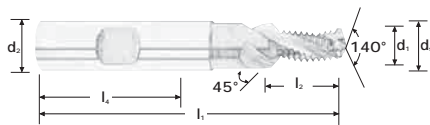


Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material



| | Multi DTM | Multi DTM |
|--|-----------|-----------|
| | VHM | VHM |
| | 7071 | 7071 TF |
| | ● | ● |
| | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

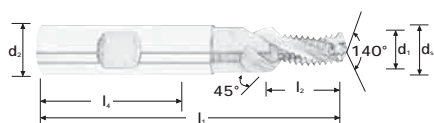


Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
 internal cooling



Tipo / Type

Materiale / Material



Multi DTM **Multi DTM**

VHM

VHM

| Ø mm | Passo Pitch | l_1 mm | l_2 mm | l_3 mm | Ø d_1 (nominal) | Ø d_2 mm h6 | Ø d_s mm | Z | 7073 | 7073 TF |
|------|----------------|-------------|-------------|-------------|----------------------|------------------|---------------|---|------|------------|
| *M 3 | 0,50 | 48 | 6,90 | 36 | 2,40 | 6 | 3,2 | 3 | ● | ● |
| *M 4 | 0,70 | 48 | 8,95 | 36 | 3,20 | 6 | 4,2 | 3 | ● | ● |
| *M 5 | 0,80 | 54 | 11,10 | 36 | 4,00 | 6 | 5,3 | 3 | ● | ● |
| M 6 | 1,00 | 62 | 13,85 | 36 | 4,75 | 8 | 6,3 | 3 | ● | ● |
| M 8 | 1,25 | 74 | 18,65 | 40 | 6,35 | 10 | 8,4 | 3 | ● | ● |
| M 10 | 1,50 | 80 | 22,45 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● |
| M 12 | 1,75 | 90 | 26,00 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● |
| M 14 | 2,00 | 102 | 31,55 | 48 | 11,20 | 16 | 14,7 | 3 | ● | ● |
| M 16 | 2,00 | 102 | 35,90 | 48 | 13,20 | 18 | 16,8 | 3 | ● | ● |
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*Senza fori interni / Without internal cooling
 ● Utensile disponibile a magazzino / Items available ex stock

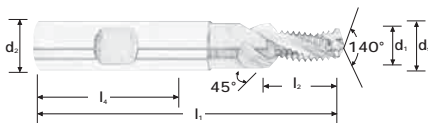


Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



2,5 x d₁ 2,5 x d₂

Tipo / Type

Multi DTM Multi DTM
VHM VHM

Materiale / Material

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₃ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 7075 | 7075 TF |
|------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|------|---------|
| *M 3 | 0,50 | 48 | 8,40 | 36 | 2,40 | 6 | 3,2 | 3 | ● | ● |
| *M 4 | 0,70 | 48 | 11,05 | 36 | 3,20 | 6 | 4,2 | 3 | ● | ● |
| *M 5 | 0,80 | 54 | 13,50 | 36 | 4,00 | 6 | 5,3 | 3 | ● | ● |
| M 6 | 1,00 | 62 | 16,85 | 36 | 4,75 | 8 | 6,3 | 3 | ● | ● |
| M 8 | 1,25 | 74 | 22,40 | 40 | 6,35 | 10 | 8,4 | 3 | ● | ● |
| M 10 | 1,50 | 80 | 26,95 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● |
| M 12 | 1,75 | 90 | 31,25 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● |
| M 14 | 2,00 | 102 | 39,55 | 48 | 11,20 | 16 | 14,7 | 3 | ● | ● |
| M 16 | 2,00 | 102 | 45,90 | 48 | 13,20 | 18 | 16,8 | 3 | ● | ● |
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*Senza fori interni / Without internal cooling
 ● Utensile disponibile a magazzino / Items available ex stock

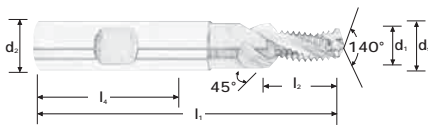


**Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535
Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Grosso DIN 13**

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric coarse thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material



| | Multi DTM | Multi DTM |
|--|-----------|-----------|
| | VHM | VHM |

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₃ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | 7077 | 7077 TF |
|------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|------|---------|
| M 6 | 1,0 | 62 | 18,90 | 36 | 4,75 | 8 | 6,3 | 3 | ● | ● |
| M 8 | 1,25 | 74 | 25,00 | 40 | 6,35 | 10 | 8,4 | 3 | ● | ● |
| M 10 | 1,5 | 80 | 31,50 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● |
| M 12 | 1,75 | 90 | 38,30 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● |
| M 14 | 2,0 | 102 | 43,70 | 48 | 11,20 | 16 | 14,7 | 3 | ● | ● |
| M 16 | 2,0 | 102 | 50,00 | 48 | 13,20 | 18 | 16,8 | 3 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

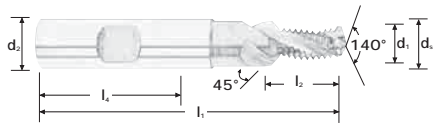


**Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535
Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13**

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric fine thread as per DIN 13



1,5 x d₁



Tipo / Type

Materiale / Material

| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | |
|-------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|-----------------------------|
| MF 10 | 1,25 | 80 | 18,0 | 45 | 7,95 | 12 | 10,5 | 3 | Multi DTM VHM 7072 TF |
| MF 14 | 1,50 | 102 | 23,0 | 48 | 11,20 | 16 | 14,7 | 3 | |
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■ Fino ad esaurimento scorte / discontinued items

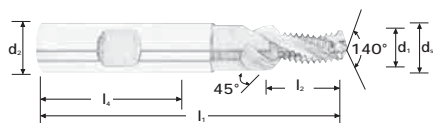


Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535 Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric fine thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Materiale/Material

| | | | | | | | | | | Multi DTM | Multi DTM |
|-------|----------------|----------------------|----------------------|----------------------|-------------------------------|---------------------------|------------|---|---|------------|-----------|
| | | | | | | | | | | VHM | VHM |
| ∅ mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₃ mm | ∅ d ₁ (nominal) | ∅ d ₂ mm h6 | ∅ ds mm | Z | | 7074 TF | |
| MF 6 | 0,75 | 62 | 12,90 | 36 | 4,75 | 8 | 6,3 | 3 | ● | ● | |
| MF 8 | 1,00 | 74 | 17,20 | 40 | 6,35 | 10 | 8,4 | 3 | ● | ● | |
| MF 10 | 1,00 | 80 | 21,55 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● | |
| MF 10 | 1,25 | 80 | 21,55 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● | |
| MF 12 | 1,00 | 90 | 25,95 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● | |
| MF 12 | 1,50 | 90 | 27,30 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● | |
| MF 14 | 1,50 | 102 | 30,70 | 48 | 11,20 | 16 | 14,7 | 3 | ● | ● | |
| MF 16 | 1,50 | 102 | 34,05 | 48 | 13,20 | 18 | 16,8 | 3 | ● | ● | |
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● Utensile disponibile a magazzino / Items available ex stock

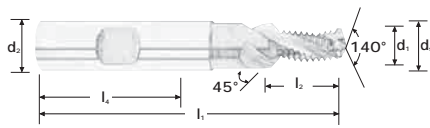


**Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535
Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13**

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric fine thread as per DIN 13



2,5 x d₁ 2,5 x d₁



Tipo / Type

Materiale / Material

Multi DTM **Multi DTM**
VHM VHM

| ∅ mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | ∅ d ₁ (nominal) | ∅ d ₂ mm h6 | ∅ ds mm | Z | 7076 | 7076 TF |
|-------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|------|---------|
| MF 8 | 1,00 | 74 | 21,20 | 40 | 6,35 | 10 | 8,4 | 3 | ● | ● |
| MF 10 | 1,00 | 80 | 26,55 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● |
| MF 10 | 1,25 | 80 | 26,55 | 45 | 7,95 | 12 | 10,5 | 3 | ● | ● |
| MF 12 | 1,00 | 90 | 30,95 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● |
| MF 12 | 1,50 | 90 | 31,80 | 45 | 9,95 | 14 | 12,6 | 3 | ● | ● |
| MF 14 | 1,50 | 102 | 35,20 | 48 | 11,20 | 16 | 14,7 | 3 | ● | ● |
| MF 16 | 1,50 | 102 | 41,55 | 48 | 13,20 | 18 | 16,8 | 3 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



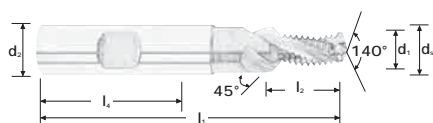
Frese a forare, filettare e svasare in metallo duro integrale a 3 tagli con attacco secondo DIN 6535

Forma HB e fori di lubrificazione interna, per Filettatura Metrica ISO Passo Fine DIN 13

Solid carbide thread milling cutters with chamfer and 3 flutes, with shank acc. to DIN 6535 HB and internal cooling for ISO metric fine thread as per DIN 13



Lubrificazione interna
internal cooling



Tipo / Type

Materiale / Material



3,0 x d₁ 3,0 x d₂

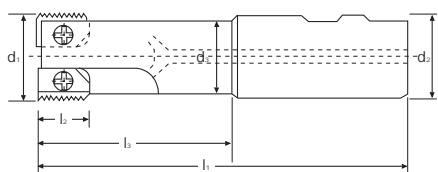
| | | | | | | | | | | Multi DTM | Multi DTM |
|-------|-------------|-------------------|-------------------|-------------------|----------------------------|------------------------|---------|---|--|-----------|-----------|
| | | | | | | | | | | VHM | VHM |
| Ø mm | Passo Pitch | l ₁ mm | l ₂ mm | l ₄ mm | Ø d ₁ (nominal) | Ø d ₂ mm h6 | Ø ds mm | Z | | 7078 | 7078 TF |
| MF 8 | 1,00 | 74 | 25,10 | 40 | 6,35 | 10 | 8,4 | 3 | | ● | ● |
| MF 10 | 1,00 | 80 | 31,50 | 45 | 7,95 | 12 | 10,5 | 3 | | ● | ● |
| MF 10 | 1,25 | 80 | 31,50 | 45 | 7,95 | 12 | 10,5 | 3 | | ● | ● |
| MF 12 | 1,00 | 90 | 38,30 | 45 | 9,95 | 14 | 12,6 | 3 | | ● | ● |
| MF 12 | 1,50 | 90 | 38,30 | 45 | 9,95 | 14 | 12,6 | 3 | | ● | ● |
| MF 14 | 1,50 | 102 | 43,70 | 48 | 11,20 | 16 | 14,7 | 3 | | ● | ● |
| MF 16 | 1,50 | 102 | 50,00 | 48 | 13,20 | 18 | 16,8 | 3 | | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



Frese a filettare con inserti in metallo duro integrale, attacco cilindrico WELDON e fori di lubrificazione interna

Thread milling cutter bodies with inserts indexable weldon shank, with internal cooling



Tipo / Type A
(1 inserti/insert)

Tipo / Type B
(2 inserti/insert)



| N. Cod Cat. No. | Typ Type | d ₁ mm | Passo Pitch | Serie Esecution | l ₁ mm | l ₂ mm | l ₃ mm | Ø d2h6 | Ø d3 | Lunghezza inserti total length insert | |
|--------------------|-------------|----------------------|----------------|--------------------|----------------------|----------------------|----------------------|-----------|---------|--|---|
| 6960 | A | 16 | 0,5 - 2,5 | corto/short | 78 | 15 | 30 | 16 | 13 | 15 mm | ✓ |
| | B | 25 | 0,5 - 2,5 | corto/short | 106 | 15 | 50 | 25 | 21 | 15 mm | ✓ |
| 6961 | A | 16 | 0,5 - 2,5 | lungo/long | 98 | 15 | 50 | 16 | 13 | 15 mm | ✓ |
| | B | 20 | 0,5 - 2,5 | lungo/long | 110 | 15 | 60 | 20 | 17 | 15 mm | ✓ |
| 6963 | A | 25 | 0,5 - 2,5 | lungo/long | 150 | 15 | 94 | 25 | 21 | 15 mm | ✓ |
| | B | 22 | 3,0 - 3,5 | lungo/long | 110 | 15 | 60 | 20 | 17 | 15 mm | ✓ |
| 6962 | A | 27 | 3,0 - 3,5 | corto/short | 106 | 15 | 50 | 25 | 21 | 15 mm | ✓ |
| | B | 25 | 1,0 - 4,0 | corto/short | 107 | 26 | 48 | 25 | 21 | 26 mm | ✓ |

Indicazioni d'impiego: per filettatura grossa = fresa Ø d, 2/3 del Ø filetto

per filettatura fine = fresa Ø d, 3/4 del Ø filetto

N. cod 6970 - Codice vite inserto

N. cod 6980 - Codice chiave

In fase di ordinazione specificare il codice del corpo fresa.

Application area: for metric coarse threads = cutter Ø d, 2/3 of thread Ø

per filettatura fine = fresa Ø d, 3/4 of thread Ø

Cat. No. 6970 - Screw

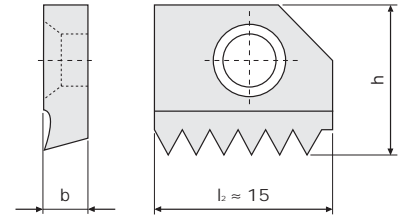
Cat. No. 6980 - Torx screw driver

When ordering please state Cat. No. of the tool holder



Inserti in metallo duro integrale per Filettatura Metrica ISO Indexable inserts for ISO metric thread

Per filettature interne
For internal threads



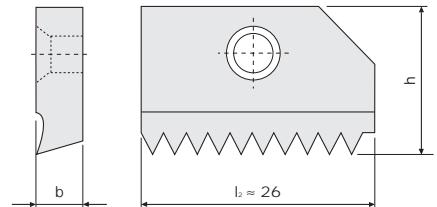
| Tipo / Type | | | | | Multi TMI | Multi TMI |
|----------------------|----------------|---------|---------|-------------------------------------|-----------|------------|
| Materiale / Material | | | | | VHM | VHM |
| l ₂ mm | Passo Pitch | b mm | h mm | Inserto standard Standard insert | 6950 | 6950 TN |
| 15 | 0,50 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 0,75 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 1,00 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 1,25 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 1,50 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 1,75 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 2,00 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 2,50 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 3,00 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 3,50 | 3,18 | 10 | 15 mm | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



Inserti in metallo duro integrale per Filettatura Metrica ISO
 Indexable inserts for ISO metric thread

Per filettature interne
 For internal threads



| Tipo / Type | | | | | Multi TMI | Multi TMI |
|----------------------|----------------|---------|---------|-------------------------------------|-----------|------------|
| Materiale / Material | | | | | VHM | VHM |
| l_2 mm | Passo Pitch | b mm | h mm | Inserto standard Standard insert | 6956 | 6956 TN |
| 26 | 1,0 | 4,95 | 15 | 26 mm | ● | ● |
| 26 | 1,5 | 4,95 | 15 | 26 mm | ● | ● |
| 26 | 2,0 | 4,95 | 15 | 26 mm | ● | ● |
| 26 | 2,5 | 4,95 | 15 | 26 mm | ● | ● |
| 26 | 3,0 | 4,95 | 15 | 26 mm | ● | ● |
| 26 | 3,5 | 4,95 | 15 | 26 mm | ● | ● |
| 26 | 4,0 | 4,95 | 15 | 26 mm | ● | ● |
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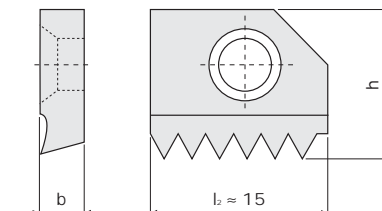
● Utensile disponibile a magazzino / Items available ex stock



Inserti in metallo duro integrale per Filettatura UN ANSI B 1.1

Indexable inserts for unified thread UN ANSI B 1.1

Per filetti interni ed esterni / For internal and external threads



| Tipo / Type | | | | | Multi TMI | Multi TMI |
|----------------------|-------------------|---------|---------|-------------------------------------|-----------|------------|
| Materiale / Material | | | | | VHM | VHM |
| l_2 mm | Filetti/1" Tpi | b mm | h mm | Inserto standard Standard insert | 6954 | 6954 TN |
| 15 | 12 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 14 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 16 | 3,18 | 10 | 15 mm | ● | ● |
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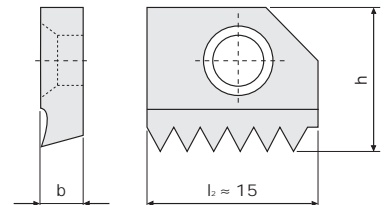
● Utensile disponibile a magazzino / Items available ex stock



Inserti in metallo duro integrale per Filettatura Whitworth (BSF-BSP/G)

Indexable inserts for for Whitworth fine thread (BSF) and Whitworth pipe thread

Per filetti interni ed esterni / For internal and external threads



| Tipo / Type | | | | | Multi TMI | Multi TMI |
|----------------------|-------------------|---------|---------|-------------------------------------|-----------|------------|
| Materiale / Material | | | | | VHM | VHM |
| l_2 mm | Filetti/1" Tpi | b mm | h mm | Inserto standard Standard insert | 6952 | 6952 TN |
| 15 | 11 | 3,18 | 10 | 15 mm | ● | ● |
| 15 | 14 | 3,18 | 10 | 15 mm | ● | ● |
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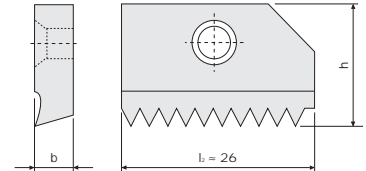
● Utensile disponibile a magazzino / Items available ex stock



Inserti in metallo duro integrale per Filettatura Whitworth (BSF-BSP/G)

Indexable inserts for Whitworth fine thread (BSF) and Whitworth pipe thread

Per filetti interni ed esterni / For internal and external threads



| Tipo / Type | | | | | Multi TMI | Multi TMI |
|----------------------|-------------------|---------|---------|-------------------------------------|-----------|------------|
| Materiale / Material | | | | | VHM | VHM |
| l_2 mm | Filetti/1" Tpi | b mm | h mm | Inserto standard Standard insert | 6958 | 6958 TN |
| 26 | 11 | 4,95 | 15 | 26 mm | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock



Frese a filettare multi eliche, inserti in metallo duro, attacco WELDON e fori di lubrificazione interna

Thread milling cutters multi flutes, indexable inserts, WELDON shank and internal coolant



Lubrificazione interna
internal cooling

NEW



Tipo / Type

Materiale / Material

| N. cod. Cat. No. | d ₁ mm | l ₁ mm | l ₂ mm | l ₃ mm | ∅ d2 h6 | Z | Inserto Standard | Vite Screw | |
|---------------------|----------------------|----------------------|----------------------|----------------------|------------|---|---------------------|------------------|---|
| 6981 | 26 | 115 | 23 | 50 | 25 | 3 | 6953 | 6991 M3,5 | ● |
| 6982 | 33 | 115 | 40 | 85 | 32 | 3 | 6955 | 6991 M3,5 | ● |
| 6983 | 41 | 115 | 48 | 100 | 40 | 4 | 6957 | 6991 M4 | ● |

N. cod./Cat.-No. **6991** Vite/Screw M3,5 Per bloccaggio inserti su corpi/locking bodies **6981/6982**

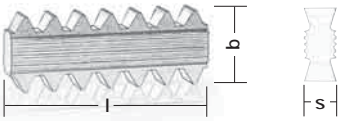
N. cod./Cat.-No. **6991** Vite/Screw M4 Per bloccaggio inserti su corpi/locking body **6983**

N. cod./Cat.-No. **KY T 15** Chiave torx/Torx key



Inserti in metallo duro per Filettatura Metrica ISO indexable inserts for ISO metric thread

Per filettature interne
For internal threads



Tipo / Type

Multi TMI

Multi TMI

Materiale / Material

VHM

VHM

| \emptyset mm | Passo Pitch | Corpo Bodies | l mm | b mm | S mm | 6953 | 6953 TC |
|-------------------|----------------|-----------------|---------|---------|---------|------|------------|
| 26 | 1,0 | 6981 | 24 | 9 | 4 | ● | ● |
| 26 | 1,5 | 6981 | 24 | 9 | 4 | ● | ● |
| 26 | 2,0 | 6981 | 24 | 9 | 4 | ● | ● |
| 26 | 3,0 | 6981 | 24 | 9 | 4 | ● | ● |
| 26 | 3,5 | 6981 | 24 | 9 | 4 | ● | ● |
| 26 | 4,0 | 6981 | 24 | 9 | 4 | ● | ● |
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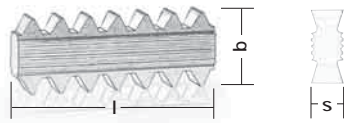
● Utensile disponibile a magazzino / Items available ex stock



Inserti in metallo duro per Filettatura Metrica ISO

Indexable inserts for ISO metric thread

Per filettature interne
For internal threads



| Tipo / Type | | | | | | Multi TMI | Multi TMI |
|----------------------|----------------|-----------------|---------|---------|---------|-----------|------------|
| Materiale / Material | | | | | | VHM | VHM |
| ∅ mm | Passo Pitch | Corpo Bodies | l mm | b mm | S mm | 6955 | 6955 TC |
| 33 | 1,0 | 6982 | 40 | 11 | 5 | ● | ● |
| 33 | 2,0 | 6982 | 40 | 11 | 5 | ● | ● |
| 33 | 3,0 | 6982 | 40 | 11 | 5 | ● | ● |
| 33 | 4,0 | 6982 | 40 | 11 | 5 | ● | ● |
| 33 | 4,5 | 6982 | 40 | 11 | 5 | ● | ● |
| 33 | 5,0 | 6982 | 40 | 11 | 5 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock

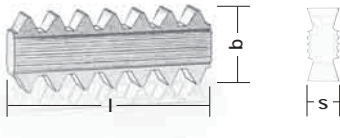


Inserti in metallo duro per Filettatura Metrica ISO

Indexable inserts for ISO metric thread

Per filettature interne

For internal threads



Tipo / Type

Multi TMI

Multi TMI

Materiale / Material

VHM

VHM

| ∅ mm | Passo Pitch | Corpo Bodies | l mm | b mm | S mm | 6957 | 6957 TC |
|---------|----------------|-----------------|---------|---------|---------|------|------------|
| 41 | 2,0 | 6983 | 48 | 13 | 6 | ● | ● |
| 41 | 3,0 | 6983 | 48 | 13 | 6 | ● | ● |
| 41 | 4,0 | 6983 | 48 | 13 | 6 | ● | ● |
| 41 | 5,5 | 6983 | 48 | 13 | 6 | ● | ● |
| 41 | 6,0 | 6983 | 48 | 13 | 6 | ● | ● |
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● Utensile disponibile a magazzino / Items available ex stock