

TAEGUTEC  
**SPEEDMILL**  
HIGH SPEED & FEED MILLING

INDUSTRY 4.0



# CONTENTS

## MILLSFEED

Mini inserto per spallamento a 90° e alto avanzamento

03

## CHASE4FINISH

Fresa per super finitura con inserto dal bloccaggio semi tangenziale

42

## TANGSFEED

Frese per spallamento ad alta produttività con inserto tangenziale

07

## NANRUSH

Inserto di piccole dimensioni per fresatura ad alto avanzamento

45

## MILLRUSH

Inserto triangolare con tagliente elicoidale per spallamento a 90°

15

## CHASE4FEED

Fresa per alti avanzamenti con robusto inserto a 4 taglienti

48

## CHASE4MILL

Inserto con 4 taglienti per spallamento a 90°

19

## CHASE10MILL

Inserto con 10 taglienti per lavorazione ad alti avanzamenti o a 65°

55

## CHASE8MILL

Fresa economica per spallamenti con Inserto ad 8 taglienti

30

## CERAMICSPEED

Frese in ceramica per lavorazione ad alta velocità di superleghe

61

## CHASEVQUAD

Fresa ad elica estesa con sede inserto a V per un bloccaggio più rigido

35

## MAXISLOT

Testine in carburo intercambiabili per molteplici applicazioni

67

## CHASE12MILL

Fresa economica a 45° con inserto esagonale a 12 taglienti

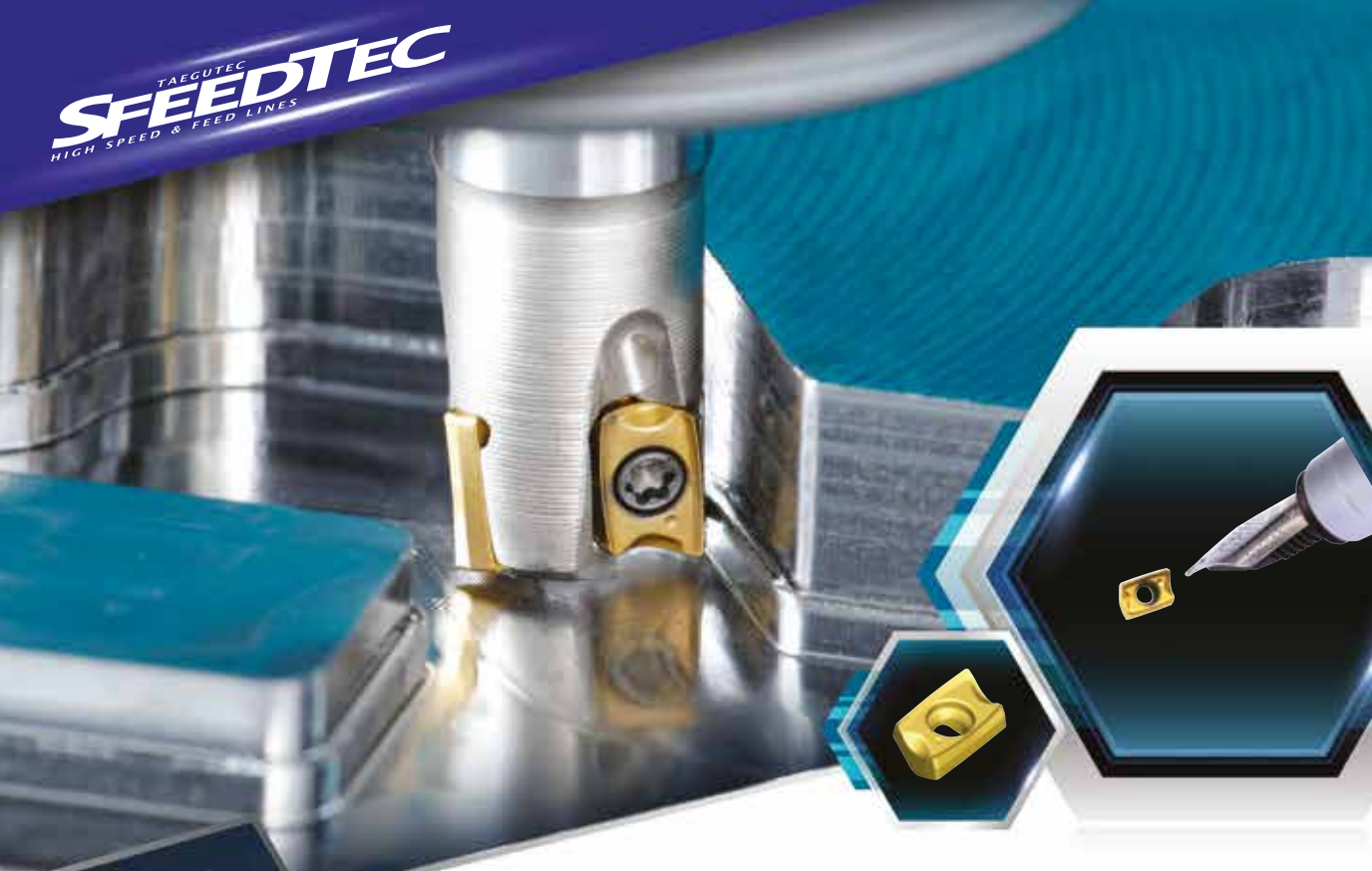
38

## MAXIRUSH

Testine in carburo intercambiabili per molteplici applicazioni di fresatura

72





# MILLSFEED

HIGH FEED MILL

**Mini inserto per spallamento a 90°  
e alto avanzamento con sede  
a V per un migliore  
bloccaggio**

✓ Il più piccolo Inserto

✓ Sede inserto a V

✓ Produttività grazie al numero di denti

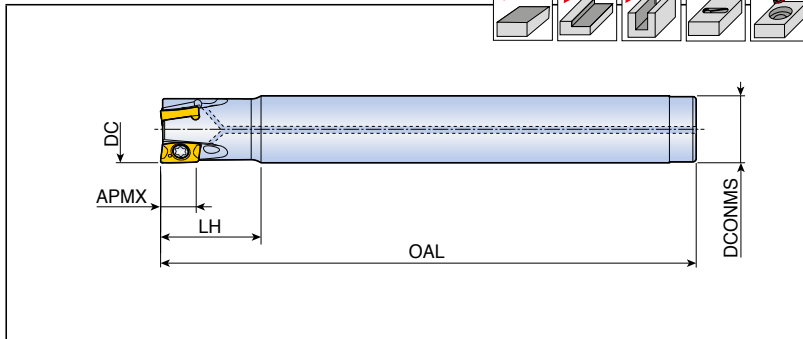
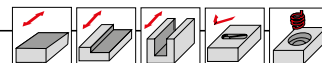
✓ Angolo di taglio superpositivo

✓ Inserto per alti avanzamenti



# 2S-TE90CV-05

Frese cilindriche



Descrizione		Dimensioni (mm)					Refriger.	Inserto
		DC	DCONMS	OAL	LH	APMX		
<b>2S-TE90CV-106-06-05</b>	1	6	6	60	12	5.0	●	CVK(H)T 0502...
<b>208-08-05</b>	2	8	8	80	12	5.0	●	
<b>209-08-05</b>	2	9	8	80	12	5.0	●	
<b>310-10-05</b>	3	10	10	80	15	5.0	●	
<b>311-10-05</b>	3	11	10	80	12	5.0	●	
<b>412-12-05</b>	4	12	12	80	15	5.0	●	
<b>413-12-05</b>	4	13	12	80	12	5.0	●	
<b>414-12-05</b>	4	14	12	80	10	5.0	●	

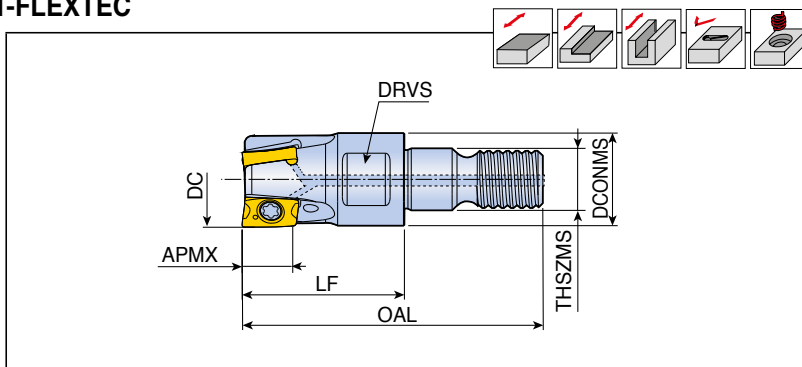
• Se si utilizza l'inserto '-HF' il corpo fresa deve essere modificato con raggio 1.8 mm

## Ricambi

Descrizione	Vite	Chiave			
<b>2S-TE90CV-05</b>	TS 18033/HG-P	TD 6P			

## 2S-TE90CV-M-05

Testine modulari filettate per T-FLEXTEC

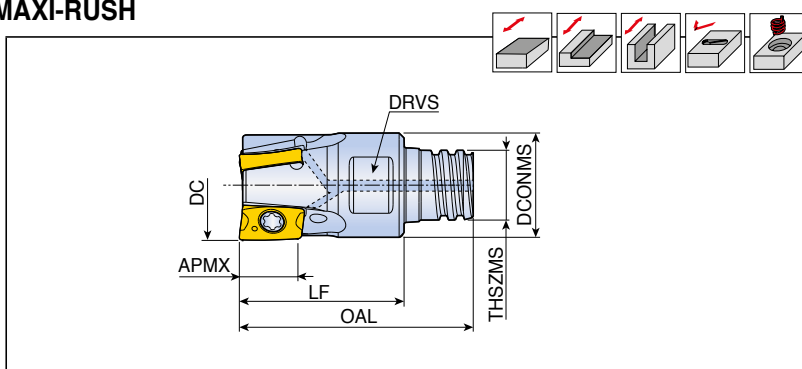


Descrizione		Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>2S-TE90CV-310-M06-05</b>	3	10	9.7	17	31.5	M06	5.0	8	●	CVK(H)T 0502...
<b>412-M06-05</b>	4	12	9.7	17	31.5	M06	5.0	8	●	

- Se si utilizza l'inserto '-HF' il corpo fresa deve essere modificato con raggio 1.8 mm
- Utilizzabile su steli T-FLEXTEC

## 2S-TE90CV-S-05

Testine modulari filettate per MAXI-RUSH



Descrizione		Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>2S-TE90CV-208-S05-05</b>	2	8	7.6	13	19.8	S05	5.0	5.5	●	CVK(H)T 0502...
<b>310-S06-05</b>	3	10	9.6	15	21.3	S06	5.0	8	●	
<b>412-S08-05</b>	4	12	11.5	16	23.5	S08	5.0	10	●	

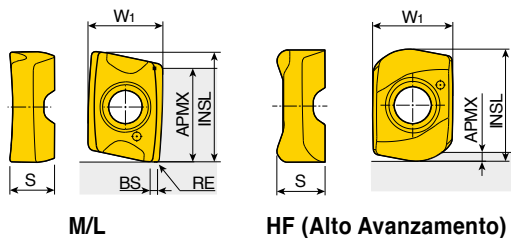
- Se si utilizza l'inserto '-HF' il corpo fresa deve essere modificato con raggio 1.8 mm
- Utilizzabile su steli MAXI-RUSH

### Ricambi

Descrizione	Vite	Chiave		
	<b>2S-TE90CV-05</b>	TS 18033/HG-P	TD 6P	

# CVK(H)T

## Inserti



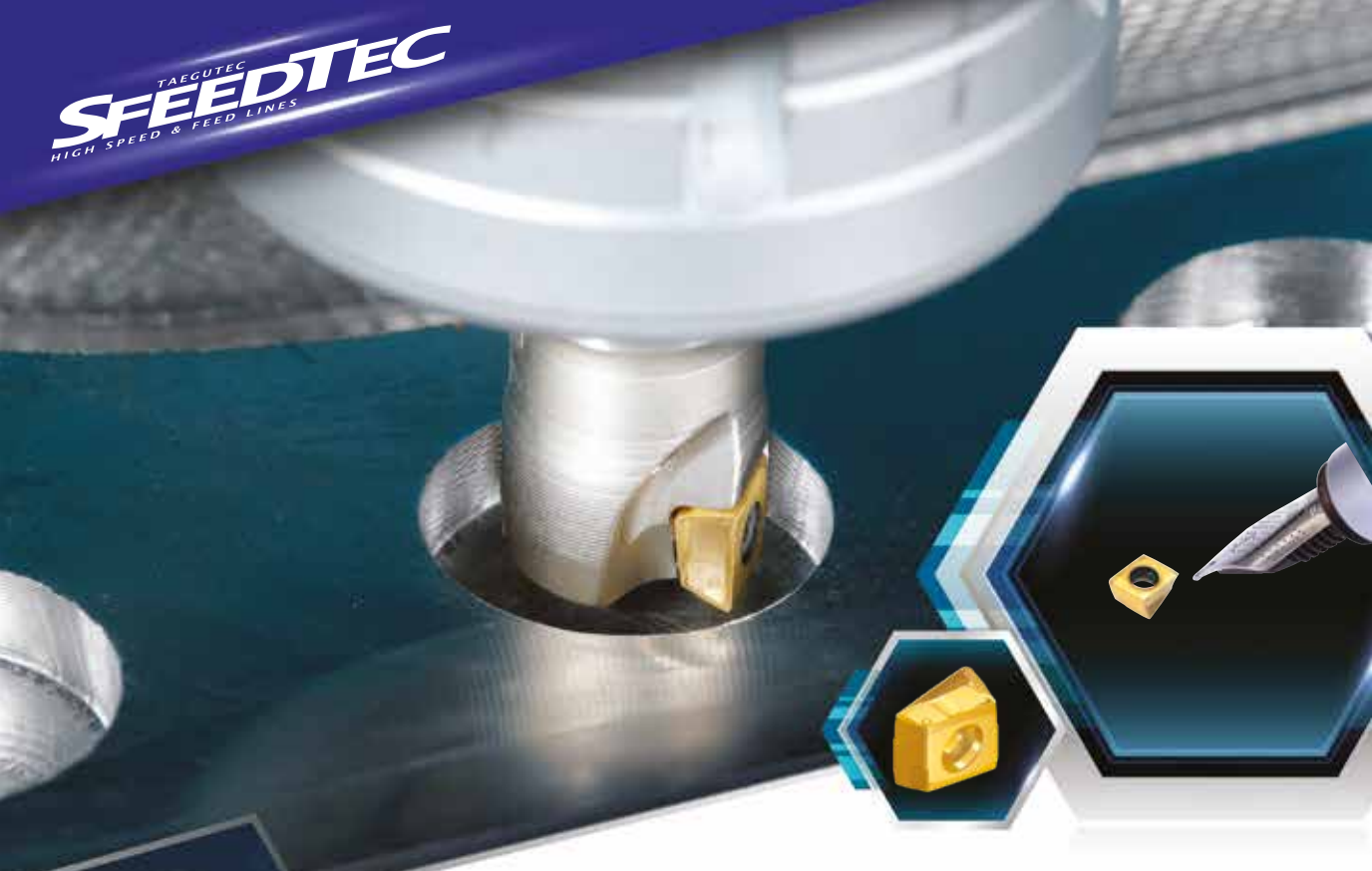
Misura	Dimensioni (mm)					
	INSL	W <sub>1</sub>	S	APMX	BS	RE
<b>05-M/L</b>	6.3	4.2	2.6	5.0	0.35	0.2
<b>05-HF</b>	5.5	4.2	2.5	0.5	-	-



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito								Non rivest.			
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	TT5525	TT2510	K10	
	<b>CVKT 0502PNR-M</b>	0.5-4.0	0.08-0.04	●		●									
	<b>CVHT 0502PNR-L</b>	0.5-4.0	0.07-0.03	●		●					●				
	<b>CVKT 0502R-HF</b>	0.2-0.4	0.70-0.30	●		●						●			

●: Standard

TAEGUTEC  
**SPEEDTEC**  
HIGH SPEED & FEED LINES



# TANGSFEED

TANGENTIAL MILL

**Fresa per spallamenti a 90° ad alta  
produttività con inserto tangenziale**

✓ **Inserto robusto  
tangenziale**



✓ **Alta produttività  
grazie all'angolo  
di rampa**



✓ **Corpo fresa robusto  
grazie al largo nocciolo**

✓ **Angolo di taglio  
superpositivo**



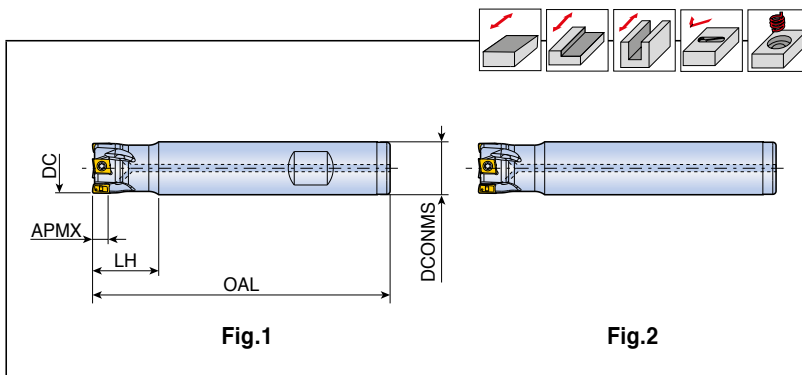
✓ **Spallamento a 90°**



**TaeguTec**  
Member IMC Group

# 4T-TE90-05

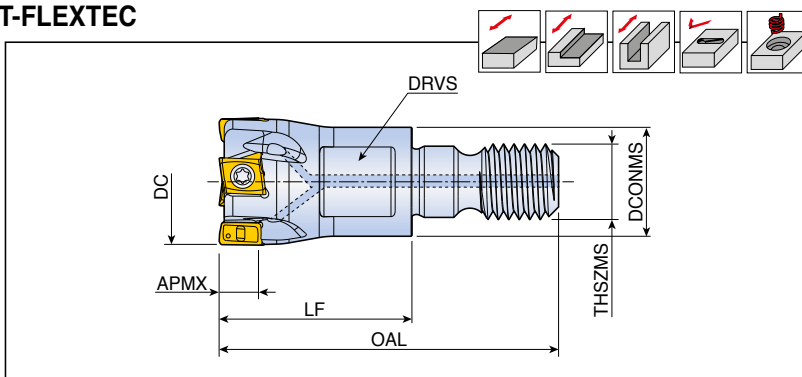
Fresa cilindrica



Descrizione	⊙	Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>4T-TE90-210-10-05</b>	2	10	10	80	15	4.6	●	2	LPK(H)U 0502...
<b>211-10-05</b>	2	11	10	80	15	4.6	●	2	
<b>212-12-05</b>	2	12	12	80	15	4.6	●	2	
<b>312-12-05</b>	3	12	12	80	15	4.6	●	2	
<b>313-12-05</b>	3	13	12	80	15	4.6	●	2	
<b>316-W16-05</b>	3	16	16	90	20	4.6	●	1	
<b>416-W16-05</b>	4	16	16	90	20	4.6	●	1	
<b>420-W20-05</b>	4	20	20	100	25	4.6	●	1	
<b>520-W20-05</b>	5	20	20	100	25	4.6	●	1	
<b>625-W25-05</b>	6	25	25	110	30	4.6	●	1	
<b>832-W25-05</b>	8	32	25	110	20	4.6	●	1	

# 4T-TE90-M-05

Testina modulare filettata per T-FLEXTEC



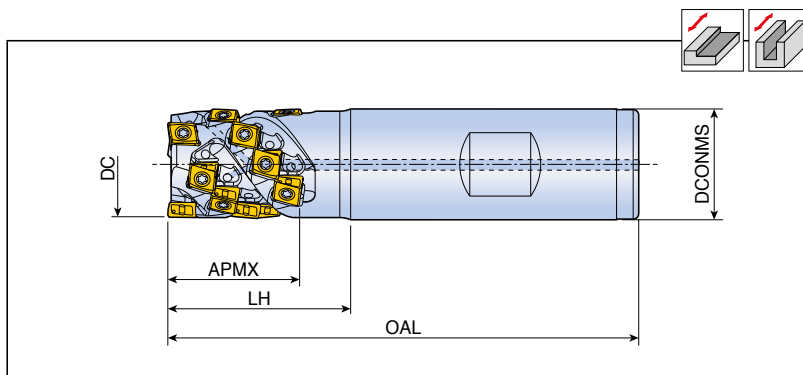
Descrizione	⊙	Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>4T-TE90-210-M06-05</b>	2	10	9.7	17	31.5	M06	4.6	8	LPK(H)U 0502...	
<b>312-M06-05</b>	3	12	11	17	31.5	M06	4.6	8		
<b>416-M08-05</b>	4	16	13	23	40.5	M08	4.6	10		
<b>520-M10-05</b>	5	20	18	23	43	M10	4.6	15		
<b>625-M12-05</b>	6	25	21	27	49	M12	4.6	17		
<b>832-M16-05</b>	8	32	29	27	52	M16	4.6	25		

• Utilizzabile su steli T-FLEXTEC



# 4T-TEF-05

Fresa elicoidale



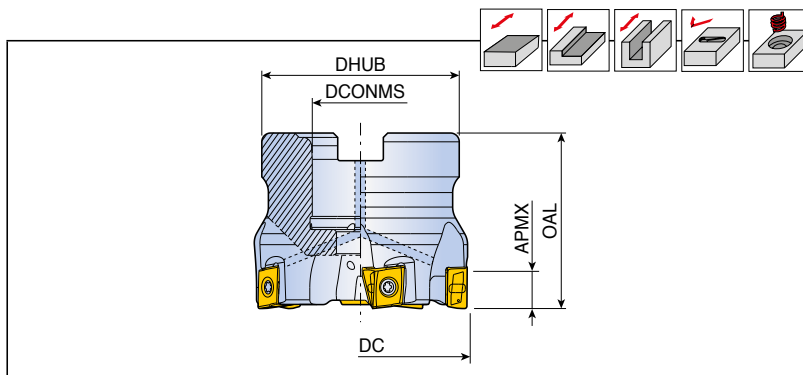
Descrizione		N. di Inserti	Dimensioni (mm)					Refriger.	Inserto
			DC	DCONMS	OAL	LH	APMX		
<b>4T-TEF D16-15-W16-05</b>	2	8	16	16	80	28	15	●	LPK(H)U 0502...
<b>D20-23-W20-05</b>	3	18	20	20	85	33	23	●	
<b>D25-27-W25-05</b>	4	28	25	25	95	35	27	●	

## Ricambi

Descrizione	Vite	Chiave			
<b>4T-TE90-05</b>	TS 18041/SG-P	TD 6P			
<b>4T-TEF-05</b>	TS 18041/SG-P	TD 6P			

# 4T-TF90-09

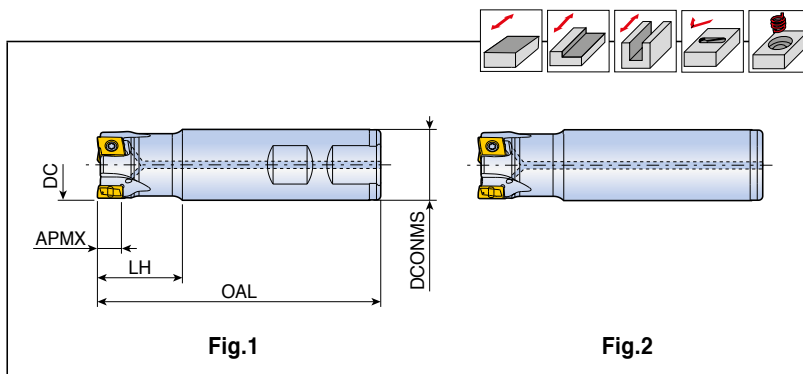
Frese a manicotto



Descrizione	⊙	Dimensioni (mm)					Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4T-TF90-640-16R-09</b>	6	40	16	38	40	8.3	●	A	0.3	SH M8x30	LPK(H)U 0904...
<b>550-22R-09</b>	5	50	22	45	40	8.3	●	A	0.4	SH M10x30	
<b>750-22R-09</b>	7	50	22	45	40	8.3	●	A	0.4	SH M10x30	
<b>663-22R-09</b>	6	63	22	47	40	8.3	●	A	0.5	SH M10x30	
<b>1063-22R-09</b>	10	63	22	47	40	8.3	●	A	0.5	SH M10x30	

# 4T-TE90-09

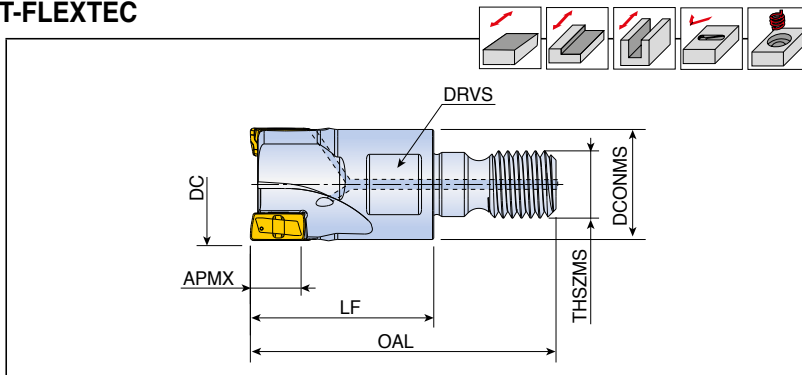
Fresa cilindrica



Descrizione	⊙	Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>4T-TE90-220-W20-09</b>	2	20	20	100	30	8.3	●	1	LPK(H)U 0904...
<b>220-20-09-L170</b>	2	20	20	170	30	8.3	●	2	
<b>320-W20-09</b>	3	20	20	100	30	8.3	●	1	
<b>325-W25-09</b>	3	25	25	100	30	8.3	●	1	
<b>325-25-09-L200</b>	3	25	25	200	30	8.3	●	2	
<b>425-W25-09</b>	4	25	25	100	30	8.3	●	1	
<b>425-25-09-L120</b>	4	25	25	120	30	8.3	●	2	
<b>332-W32-09</b>	3	32	32	110	35	8.3	●	1	
<b>332-32-09-L210</b>	3	32	32	210	35	8.3	●	2	
<b>532-W32-09</b>	5	32	32	110	35	8.3	●	1	
<b>532-32-09-L130</b>	5	32	32	130	35	8.3	●	2	
<b>440-W32-09</b>	4	40	32	115	30	8.3	●	1	
<b>440-32-09-L150</b>	4	40	32	150	30	8.3	●	2	
<b>640-W32-09</b>	6	40	32	115	30	8.3	●	1	

# 4T-TE90-M-09

Testina modulare filettata per T-FLEXTEC

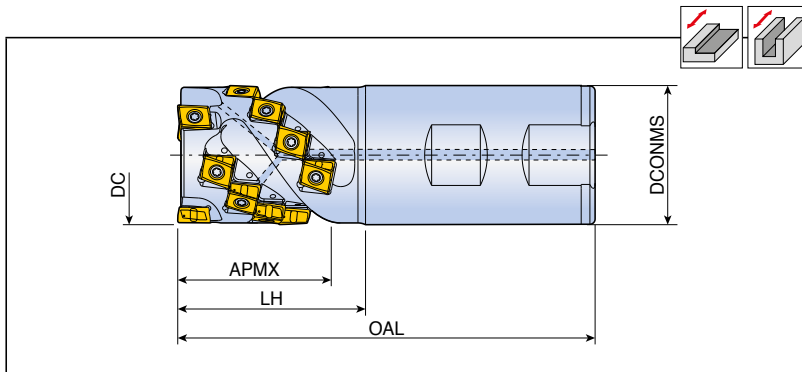


Descrizione		Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>4T-TE90-220-M10-09</b>	2	20	18	30	50	M10	8.3	15	●	LPK(H)U 0904...
<b>320-M10-09</b>	3	20	18	30	50	M10	8.3	15	●	
<b>425-M12-09</b>	4	25	21	35	57	M12	8.3	17	●	
<b>532-M16-09</b>	5	32	29	43	68	M16	8.3	25	●	
<b>640-M16-09</b>	6	40	29	43	68	M16	8.3	25	●	

• Utilizzabile su steli T-FLEXTEC

# 4T-TEF-09

Fresa elicoidale



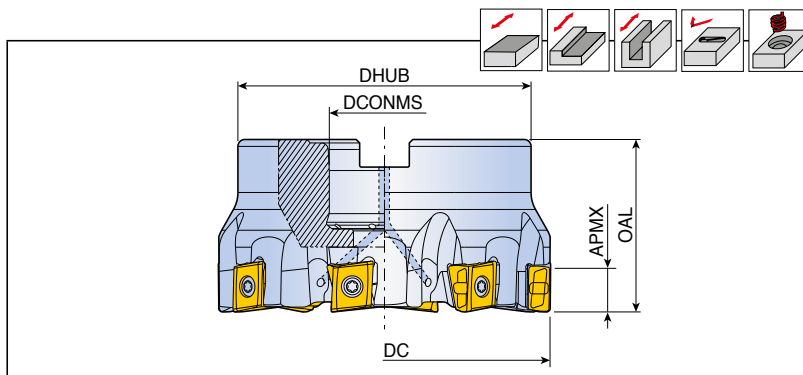
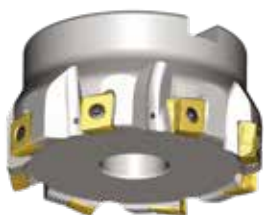
Descrizione		N. di Inserti	Dimensioni (mm)					Refriger.	Inserto
			DC	DCONMS	OAL	LH	APMX		
<b>4T-TEF D25-36-W25-09</b>	2	10	25	25	100	43	36	●	LPK(H)U 0904...
<b>D32-36-W32-09</b>	3	15	32	32	105	44	36	●	
<b>D32-43-W32-09</b>	3	18	32	32	115	52	43	●	
<b>D40-43-W40-09</b>	3	18	40	40	125	54	43	●	
<b>D40-51-W40-09</b>	3	21	40	40	135	64	51	●	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>4T-TF90-09</b>	TS 30D082-P	TBLD T08P-W4	THND 4W		
<b>4T-TE90-09</b>	TS 30D082-P	TBLD T08P-W4	THND 4W		
<b>4T-TEF-09</b>	TS 30D082-P	TBLD T08P-W4	THND 4W		

# 4T-TF90-14

## Frese a manicotto



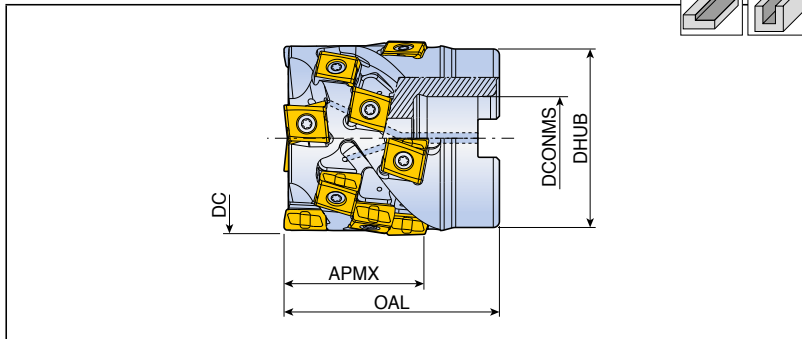
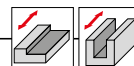
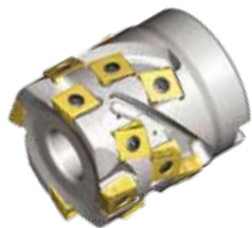
Descrizione		Dimensioni (mm)					Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4T-TF90-440-16R-14</b>	4	40	16	38	40	12.5	●	A	0.3	SH M8x30	LPKU 1407...
<b>450-22R-14</b>	4	50	22	45	40	12.5	●	A	0.3	SH M10x30	
<b>650-22R-14</b>	6	50	22	45	40	12.5	●	A	0.3	SH M10x30	
<b>563-22R-14</b>	5	63	22	47	40	12.5	●	A	0.5	SH M10x30	
<b>863-22R-14</b>	8	63	22	47	40	12.5	●	A	0.5	SH M10x30	
<b>780-27R-14</b>	7	80	27	58	50	12.5	●	A	1.0	SH M12x35	
<b>1080-27R-14</b>	10	80	27	58	50	12.5	●	A	1.2	SH M12x35	
<b>8100-32R-14</b>	8	100	32	85	50	12.5	●	A	2.0	SH M16x35	
<b>12100-32R-14</b>	12	100	32	85	50	12.5	●	A	2.1	SH M16x35	
<b>10125-40R-14</b>	10	125	40	85	63	12.5	●	A	3.1	SH M20x40	
<b>14125-40R-14</b>	14	125	40	85	63	12.5	●	A	3.3	SH M20x40	
<b>12160-40R-14</b>	12	160	40	110	63	12.5	x	C	4.1	-	
<b>16160-40R-14</b>	16	160	40	110	63	12.5	x	C	4.3	-	
<b>14200-60R-14</b>	14	200	60	130	63	12.5	x	C	5.7	-	
<b>18200-60R-14</b>	18	200	60	130	63	12.5	x	C	5.8	-	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>4T-TF90-14</b>	TS 40G110I	TBLD T15-W6	SW6-T		

# 4T-TES-14

Fresa elicoidale



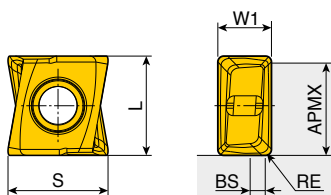
Descrizione	N. di inserti	Dimensioni (mm)						Refriger.	Kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4T-TES D50-34-22R-14</b>	3	9	50	22	45	55	34	●	0.5	SH M10x40	LPKU 1407...
<b>D50-45-22R-14</b>	3	12	50	22	45	65	45	●	0.6	SH M10x50	
<b>D63-45-27R-14</b>	4	16	63	27	58	70	45	●	1.1	SH M12x50	
<b>D63-56-27R-14</b>	4	20	63	27	58	80	56	●	1.3	SH M12x60	
<b>D80-56-32R-14</b>	5	25	80	32	74	85	56	●	2.3	SH M16x60	
<b>D100-56-40R-14</b>	6	30	100	40	94	90	56	●	4.1	SH M20x60	

## Ricambi

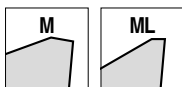
Descrizione	Vite	Chiave	Manico chiave		
	<b>4T-TES-14</b>	TS 40G110I	TBLD T15-W6	SW6-T	

# LPK(H)U

## Inserti



Misura	Dimensioni (mm)					
	L	W1	S	APMX	BS	RE
<b>05</b>	5	2.7	5.0	4.6	-	0.4
<b>09</b>	9	4.5	8.6	8.3	0.6	0.4
<b>14</b>	13.5	6.7	13.5	12.5	0.9	0.8



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito								Non rivest.		
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080			K10
	<b>LPKU 050204 PNR-M</b>	1.0-3.5	0.08-0.04	●		●						●		
	<b>090404 PNR-M</b>	2.5-6.0	0.15-0.06	●		●		●				●		
	<b>140708 PNR-M</b>	3.5-10.0	0.20-0.10	●		●		●				●		
	<b>LPHU 050204 PNR-ML</b>	1.0-3.5	0.08-0.04			●						●		
	<b>LPHU 090404 PNR-M</b>	2.5-6.0	0.15-0.06			●						●		

●: Standard



# MILL RUSH

POSITIVE 90° MILL

## Inserto triangolare elicoidale per spallamento a 90°

✓ Robusta fresa con  
largo nocciolo

✓ Grande  
produttività grazie  
al numero di denti

✓ Tagliante superpositivo  
ed elicoidale

✓ Grande angolo di rampa

✓ Spallamento a 90°

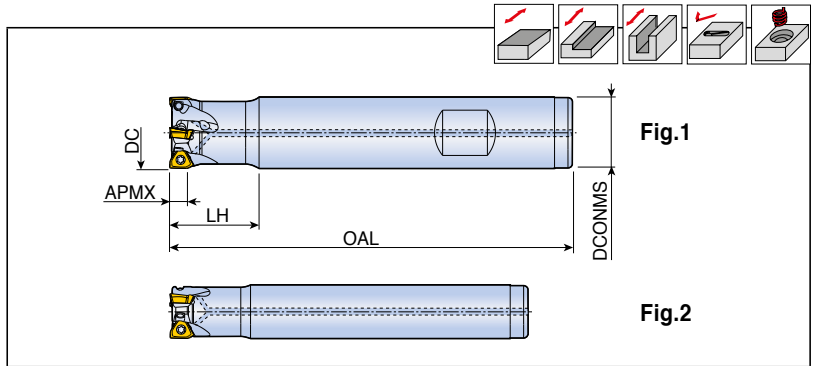


**TaeguTec**  
Member IMC Group

# 3P-TE90-04



Frese cilindriche



Descrizione		Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>3P-TE90-108-08-04</b>	1	8	8	80	17	3.5	●	2	3PKT 0402...
<b>210-10-04</b>	2	10	10	80	17	3.5	●	2	
<b>210-09-04-L</b>	2	10	9	120	10	3.5	●	2	
<b>211-10-04</b>	2	11	10	80	11	3.5	●	2	
<b>212-11-04-L</b>	2	12	11	120	11	3.5	●	2	
<b>212-12-04</b>	2	12	12	80	18	3.5	●	2	
<b>212-12-04-L</b>	2	12	12	120	18	3.5	●	2	
<b>312-12-04</b>	3	12	12	80	18	3.5	●	2	
<b>313-12-04</b>	3	13	12	90	11	3.5	●	2	
<b>314-12-04</b>	3	14	12	90	12	3.5	●	2	
<b>316-16-04</b>	3	16	16	110	20	3.5	●	2	
<b>416-W16-04</b>	4	16	16	90	20	3.5	●	1	

## Ricambi

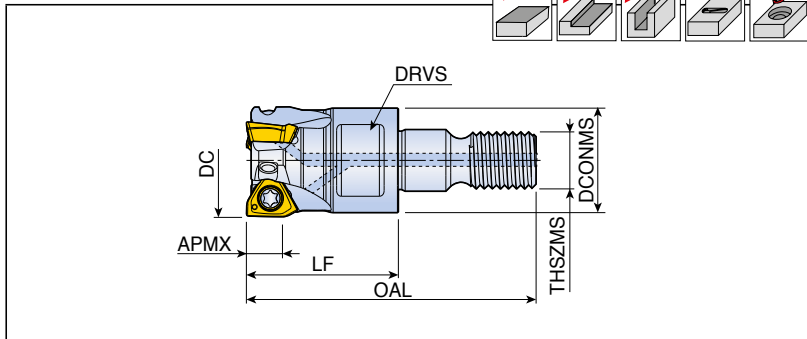
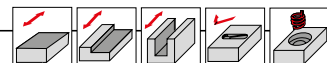
Descrizione	Vite	Chiave			
<b>3P-TE90-04 (ø8)</b>	TS 18033/HG-P	TD 6P			
<b>3P-TE90-04 (ø10-)</b>	TS 18041/HG	TD 6P			



# 3P-TE90-M-04



Testina modulare filettata per T-FLEXTEC



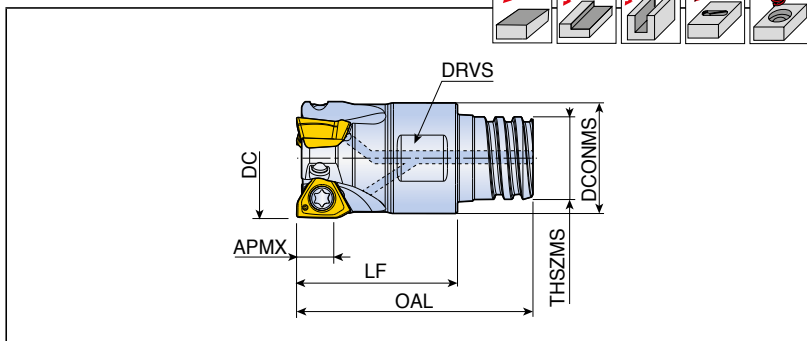
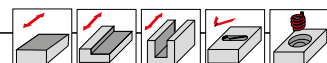
Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS			
<b>3P-TE90- 210-M06-04</b>	2	10	9.7	17	31.5	M06	3.5	8	●	3PKT 0402...	
<b>312-M06-04</b>	3	12	11	17	31.5	M06	3.5	8	●		
<b>416-M08-04</b>	4	16	13	23	40.5	M08	3.5	10	●		

• Utilizzabile su steli T-FLEXTEC

# 3P-TE90-S-04



Testina modulare filettata per MAXI-RUSH



Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS			
<b>3P-TE90- 210-S06-04</b>	2	10	9.6	15	21.3	S06	3.5	8	●	3PKT 0402...	
<b>312-S08-04</b>	3	12	11.5	16	23.5	S08	3.5	10	●		
<b>416-S10-04</b>	4	16	15.2	20	31.3	S10	3.5	13	●		

• Utilizzabile su steli MAXI-RUSH

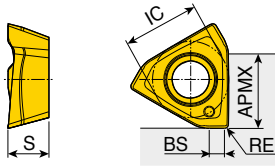
## Ricambi

Descrizione	Vite	Chiave			
	<b>3P-TE90-04</b>	TS 180411/HG	TD 6P		

# 3PKT 04



## Inserti

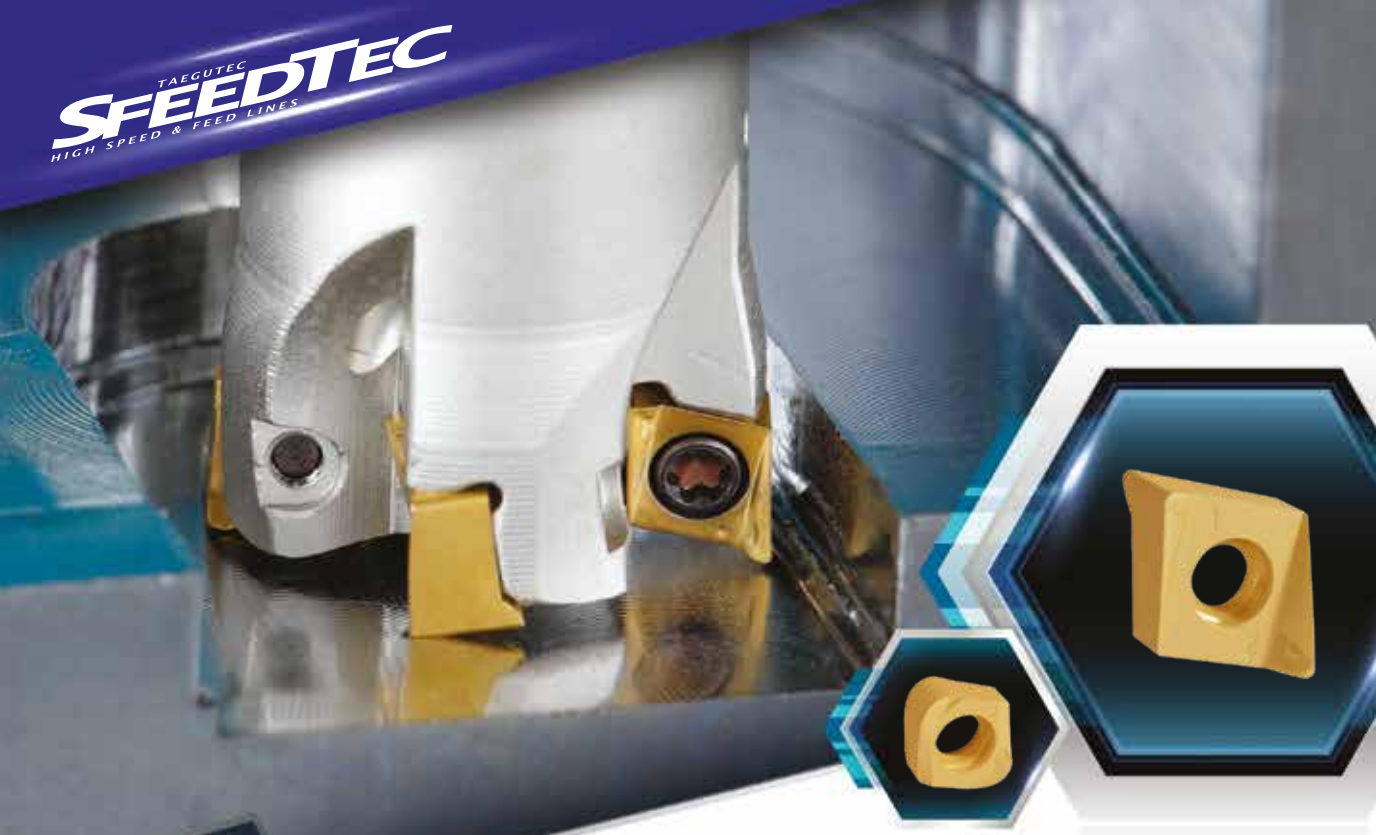


Misura	Dimensioni (mm)				
	IC	S	APMX	BS	RE
<b>04-M</b>	3.9	2.1	3.5	0.5-0.7	0.2-0.4



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito							Non rivest.	
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	K10
	<b>3PKT 040202R-M</b>	0.5-3.0	0.08-0.04	●		●						
	<b>040204R-M</b>	0.5-3.0	0.08-0.04	●		●						

●: Standard



# CHASE4MILL

90° MILLING

**Inserto a 4 taglienti per  
spallamento a 90° con grande  
capacità di rampa**



✓ Grande angolo di rampa  
per molteplici  
applicazioni



✓ Ampia gamma di opzioni  
di frese e inserti



✓ Grande produttività con  
inserto robusto a 4 taglienti



✓ Tagliente superpositivo



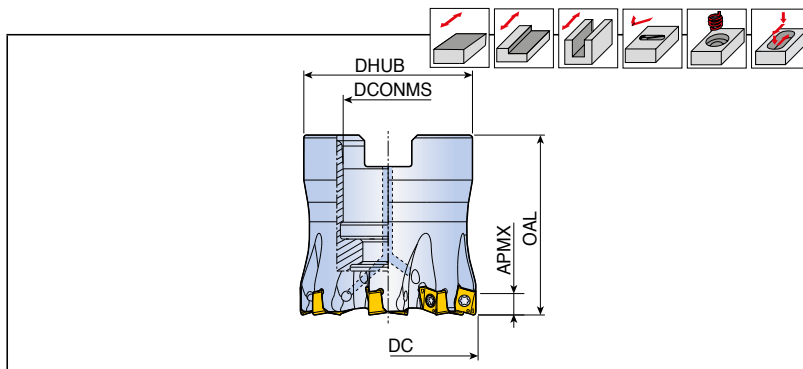
✓ Spallamento a 90°



# 4N TF90-04



Frese a manicotto



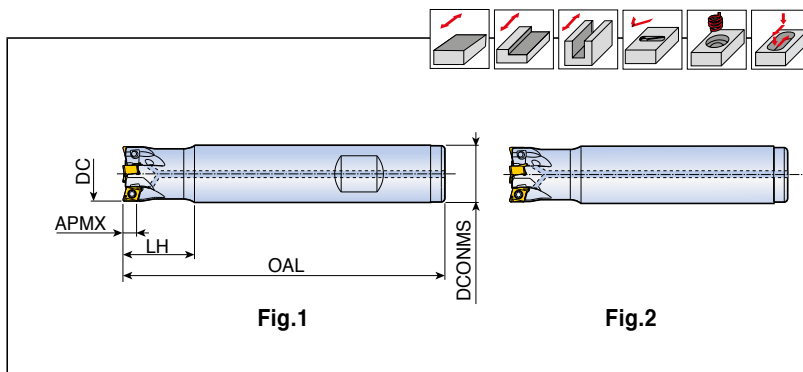
Descrizione	Z	Dimensioni (mm)					Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4N TF90- 832-16R-04</b>	8	32	16	30	32	3.5	●	A	0.1	SH M8x25	4NKT 0402....
<b>1040-16R-04</b>	10	40	16	38	40	3.5	●	A	0.2	SH M8x25	

• Per utilizzare l'inserto '4NKT 040212R-HF' il corpo fresa deve essere modificato con raggio 1.2 mm

# 4N TE90-04



Frese cilindriche



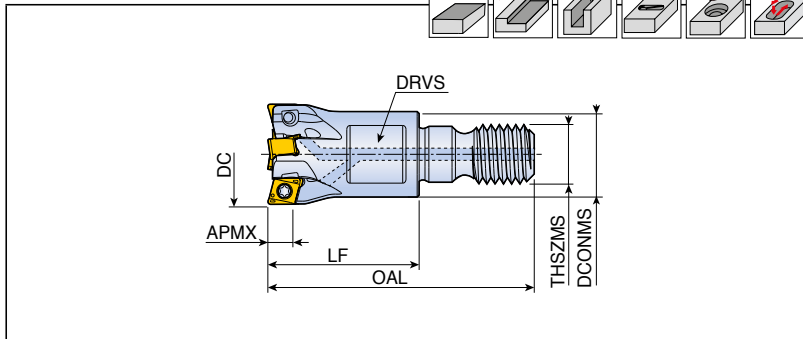
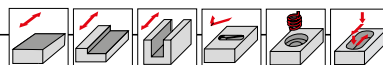
Descrizione	Z	Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>4N TE90- 108-08-04</b>	1	8	8	80	17	3.5	●	2	4NKT 0402...
<b>210-10-04</b>	2	10	10	80	17	3.5	●	2	
<b>211-10-04</b>	2	11	10	80	17	3.5	●	2	
<b>212-12-04</b>	2	12	12	80	18	3.5	●	2	
<b>312-12-04</b>	3	12	12	80	18	3.5	●	2	
<b>313-12-04</b>	3	13	12	90	20	3.5	●	2	
<b>316-16-04</b>	3	16	16	90	20	3.5	●	2	
<b>416-W16-04</b>	4	16	16	90	20	3.5	●	1	
<b>420-20-04-L</b>	4	20	20	160	25	3.5	●	2	
<b>520-W20-04</b>	5	20	20	105	25	3.5	●	1	
<b>725-W25-04</b>	7	25	25	120	30	3.5	●	1	
<b>832-W25-04</b>	8	32	25	130	35	3.5	●	1	
<b>1040-W32-04</b>	10	40	32	140	40	3.5	●	1	

• Per utilizzare l'inserto '4NKT 040212R-HF' il corpo fresa deve essere modificato con raggio 1.2 mm

# 4N TE90-M-04



Testina modulare filettata per T-FLEXTEC



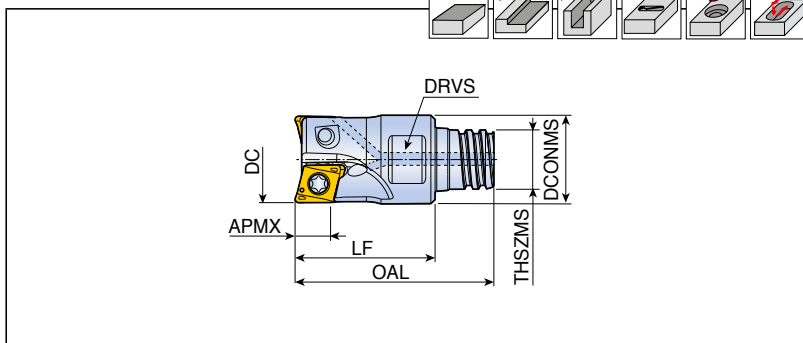
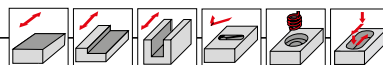
Descrizione	⊙	Dimensioni (mm)								Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS			
<b>4N TE90- 210-M06-04</b>	2	10	9.7	17	31.5	M06	3.5	8	●	4NKT 0402...	
<b>211-M06-04</b>	2	11	9.7	17	31.5	M06	3.5	8	●		
<b>312-M06-04</b>	3	12	11	17	31.5	M06	3.5	8	●		
<b>313-M06-04</b>	3	13	11	17	31.5	M06	3.5	8	●		
<b>416-M08-04</b>	4	16	13	23	40.5	M08	3.5	10	●		
<b>520-M10-04</b>	5	20	18	23	43	M10	3.5	15	●		
<b>725-M12-04</b>	7	25	21	27	49	M12	3.5	17	●		

- Per utilizzare l'inserto '4NKT 040212R-HF' il corpo fresa deve essere modificato con raggio 1.2 mm
- Utilizzabile su steli T-FLEXTEC

# 4N TE90-S-04



Testina modulare filettata per MAXI-RUSH



Descrizione	⊙	Dimensioni (mm)								Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS			
<b>4N TE90- 210-S06-04</b>	2	10	9.6	15	21.3	S06	3.5	8	●	4NKT 0402...	
<b>312-S08-04</b>	3	12	11.5	16	23.5	S08	3.5	10	●		
<b>416-S10-04</b>	4	16	15.2	20	31.3	S10	3.5	13	●		

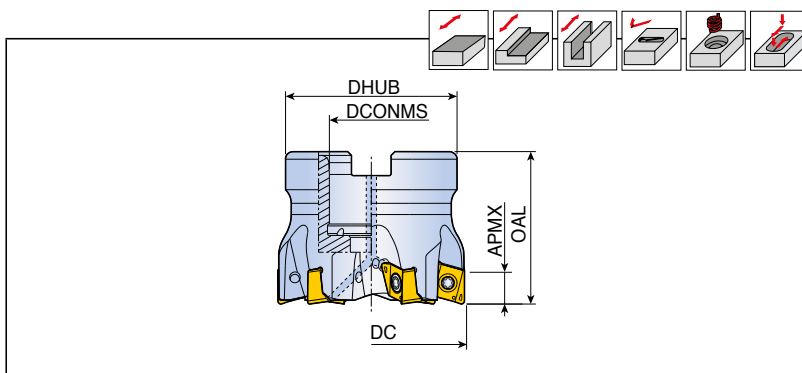
- Per utilizzare l'inserto '4NKT 040212R-HF' il corpo fresa deve essere modificato con raggio 1.2 mm
- Utilizzabile su steli MAXI-RUSH

## Ricambi

Descrizione	Vite	Chiave			
<b>4N TF90-04</b>	TS 18041/HG	TD 6P			
<b>4N TE90-04</b>	TS 18041/HG	TD 6P			

# 4N TF90-09

## Frese a manicotto

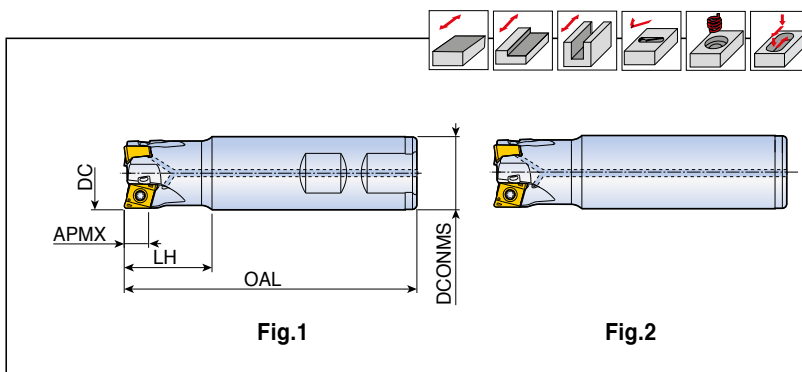


Descrizione	Z	Dimensioni (mm)					Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4N TF90- 540-16R-09</b>	5	40	16	38	40	8.0	●	A	0.3	SH M8x25	4NK(H)T 0904...
<b>650-22R-09</b>	6	50	22	45	40	8.0	●	A	0.3	LH M10x25	
<b>763-22R-09</b>	7	63	22	47	40	8.0	●	A	0.5	LH M10x25	
<b>980-27R-09</b>	9	80	27	58	50	8.0	●	A	1.1	SH M12x35	

• Per utilizzare l'inserto '4NKT 090432R-HF' il corpo fresa deve essere modificato con raggio 3.2 mm

# 4N TE90-09

## Frese cilindriche

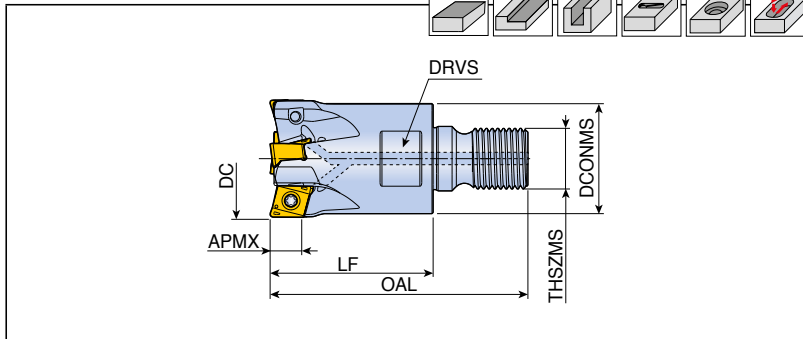
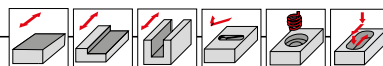


Descrizione	Z	Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>4N TE90- 220-W20-09</b>	2	20	20	100	30	8.0	●	1	4NK(H)T 0904...
<b>220-20-09-L170</b>	2	20	20	170	30	8.0	●	2	
<b>225-W25-09</b>	2	25	25	100	30	8.0	●	1	
<b>225-25-09-L200</b>	2	25	25	200	40	8.0	●	2	
<b>325-W25-09</b>	3	25	25	100	30	8.0	●	1	
<b>325-25-09-L210</b>	3	25	25	210	30	8.0	●	2	
<b>332-W32-09</b>	3	32	32	110	40	8.0	●	1	
<b>332-32-09-L250</b>	3	32	32	250	40	8.0	●	2	
<b>432-W25-09</b>	4	32	25	130	35	8.0	●	1	
<b>432-25-09-L200</b>	4	32	25	200	40	8.0	●	2	
<b>432-W32-09</b>	4	32	32	110	40	8.0	●	1	
<b>440-W32-09</b>	4	40	32	115	40	8.0	●	1	
<b>440-32-09-L250</b>	4	40	32	250	40	8.0	●	2	
<b>540-W32-09</b>	5	40	32	115	40	8.0	●	1	

• Per utilizzare l'inserto '4NKT 090432R-HF' il corpo fresa deve essere modificato con raggio 3.2 mm

# 4N TE90-M-09

## Testina modulare filettata per T-FLEXTEC



Descrizione		Dimensioni (mm)								Refriger.	Inserito
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS			
<b>4N TE90- 220-M10-09</b>	2	20	18	30	50	M10	8.0	15	●	4NK(H)T 0904...	
<b>325-M12-09</b>	3	25	21	35	57	M12	8.0	17	●		
<b>432-M16-09</b>	4	32	29	43	68	M16	8.0	25	●		
<b>540-M16-09</b>	5	40	29	43	68	M16	8.0	25	●		

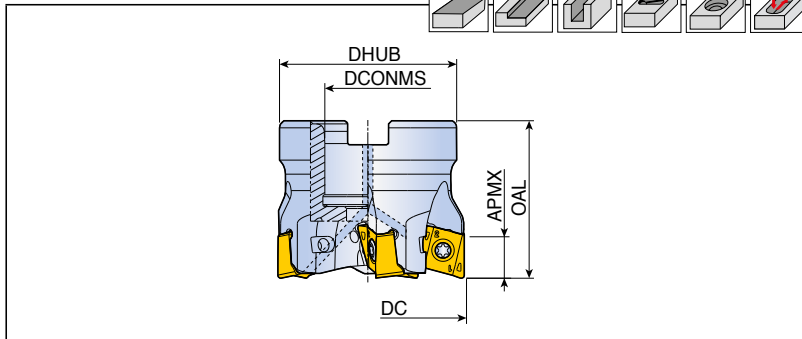
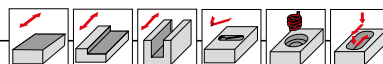
- Per utilizzare l'inserito '4NKT 090432R-HF' il corpo fresa deve essere modificato con raggio 3.2 mm
- Utilizzabile su steli T-FLEXTEC

## Ricambi

Descrizione	Vite 	Chiave 	Manico chiave 		
<b>4N TF90-09</b>	TS 35A088I/HG	TBLD T10P-W6	THND 6W		
<b>4N TE90-09</b>	TS 35A088I/HG	TBLD T10P-W6	THND 6W		

# 4N TF90-11

## Frese a manicotto



Descrizione		Dimensioni (mm)					Refriger.	Tipo attacco		Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4N TF90- 440-16R-11</b>	4	40	16	38	40	10.5	●	A	0.2	SH M8x30	4NKT 1106...
<b>450-22R-11</b>	4	50	22	45	40	10.5	●	A	0.3	LH M10x25	
<b>550-22R-11</b>	5	50	22	45	40	10.5	●	A	0.3	LH M10x25	
<b>463-22R-11</b>	4	63	22	47	40	10.5	●	A	0.6	LH M10x25	
<b>663-22R-11</b>	6	63	22	47	40	10.5	●	A	0.5	LH M10x25	
<b>480-27R-11</b>	4	80	27	58	50	10.5	●	A	1.1	SH M12x35	
<b>880-27R-11</b>	8	80	27	58	50	10.5	●	A	1.0	SH M12x35	

• Per utilizzare l'inserto '4NKT 110640R-HF' il corpo fresa deve essere modificato con raggio 4.0 mm

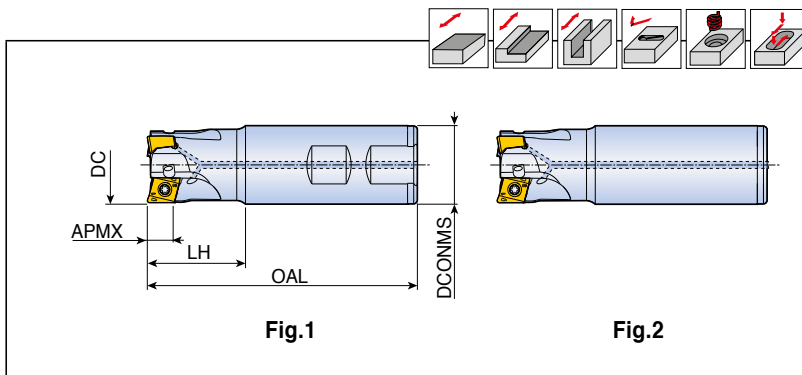
## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>4N TF90-11</b>	TS 40093I/HG	TBLD T15-W6	SW6-T		



# 4N TE90-11

Frese cilindriche

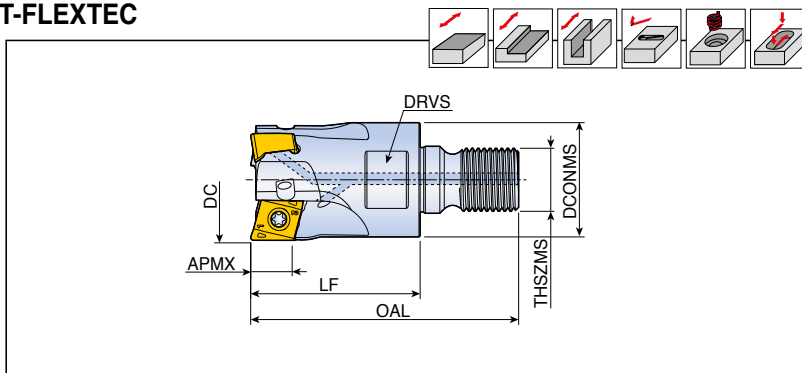


Descrizione	Z	Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>4N TE90- 225-W25-11</b>	2	25	25	100	30	10.5	●	1	4NKT 1106...
<b>225-25-11-L200</b>	2	25	25	200	40	10.5	●	2	
<b>332-W32-11</b>	3	32	32	110	40	10.5	●	1	
<b>440-W32-11</b>	4	40	32	115	40	10.5	●	1	
<b>440-32-11-L200</b>	4	40	32	200	40	10.5	●	2	

• Per utilizzare l'inserto '4NKT 110640R-HF' il corpo fresa deve essere modificato con raggio 4.0 mm

# 4N TE90-M-11

Testina modulare filettata per T-FLEXTEC



Descrizione	Z	Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>4N TE90- 225-M12-11</b>	2	25	21	35	57	M12	10.5	17	●	4NKT 1106...
<b>332-M16-11</b>	3	32	29	43	68	M16	10.5	25	●	
<b>440-M16-11</b>	4	40	29	43	68	M16	10.5	25	●	

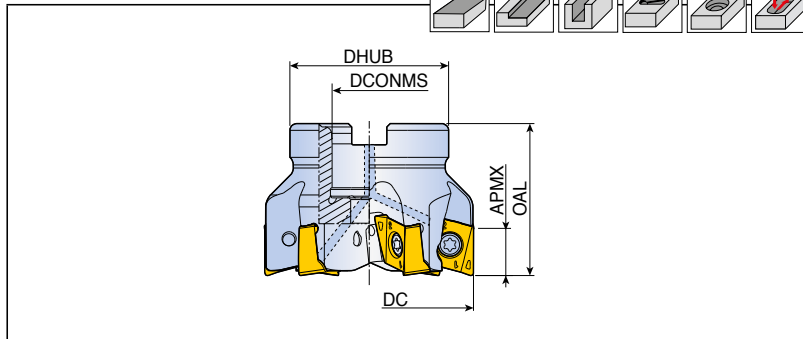
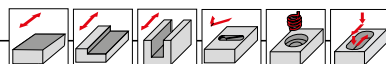
• Per utilizzare l'inserto '4NKT 110640R-HF' il corpo fresa deve essere modificato con raggio 4.0 mm  
 • Utilizzabile su steli T-FLEXTEC

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>4N TE90-11</b>	TS 40093I/HG	TBLD T15-W6	THND 6W		

# 4N TF90-14

## Frese a manicotto



Descrizione		Dimensioni (mm)					Refriger.	Tipo attacco		Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>4N TF90- 450-22R-14</b>	4	50	22	45	45	13.8	●	A	0.4	SH M10x25	4NKT 1407....
<b>463-22R-14</b>	4	63	22	47	45	13.8	●	A	0.6	SH M10x25	
<b>663-22R-14</b>	6	63	22	47	45	13.8	●	A	0.6	SH M10x25	
<b>580-27R-14</b>	5	80	27	58	50	13.8	●	A	1.0	SH M12x35	
<b>780-27R-14</b>	7	80	27	58	50	13.8	●	A	1.0	SH M12x35	

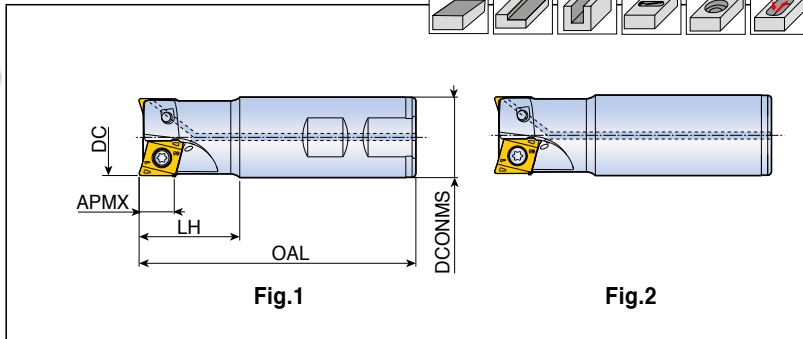
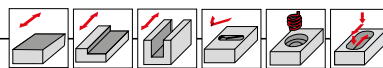
• Per utilizzare l'inserto '4NKT 140750R-HF' il corpo fresa deve essere modificato con raggio 5.0 mm

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>4N TF90-14</b>	TS 50A121I/HG	TBLD T20-W6	SW6-T		

# 4N TE90-14

Frese cilindriche

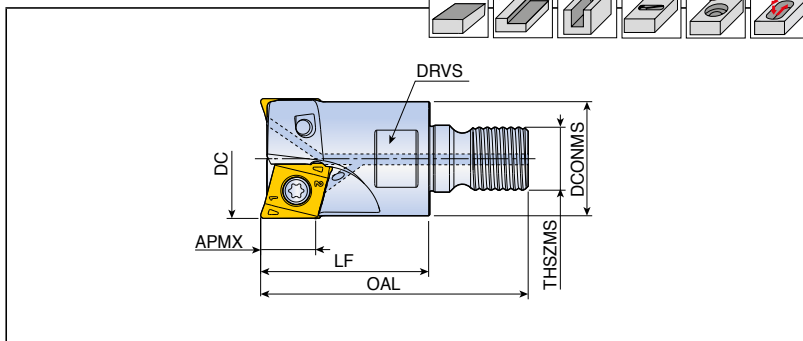
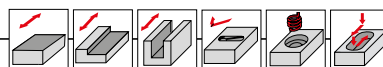


Descrizione		Dimensioni (mm)					Refriger.	Fig.	Inserto
		DC	DCONMS	OAL	LH	APMX			
<b>4N TE90-232-W32-14</b>	2	32	32	110	40	13.8	●	1	4NKT 1407...
<b>232-32-14</b>	2	32	32	150	45	13.8	●	2	
<b>232-32-14-L250</b>	2	32	32	250	40	13.8	●	2	
<b>340-W32-14</b>	3	40	32	115	40	13.8	●	1	
<b>340-32-14</b>	3	40	32	115	40	13.8	●	2	

• Per utilizzare l'inserto '4NKT 140750R-HF' il corpo fresa deve essere modificato con raggio 5.0 mm

# 4N TE90-M-14

Testina modulare filettata per T-FLEXTEC



Descrizione		Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>4N TE90-232-M16-14</b>	2	32	29	43	68	M16	13.8	25	●	4NKT 1407...
<b>340-M16-14</b>	3	40	29	43	68	M16	13.8	25	●	

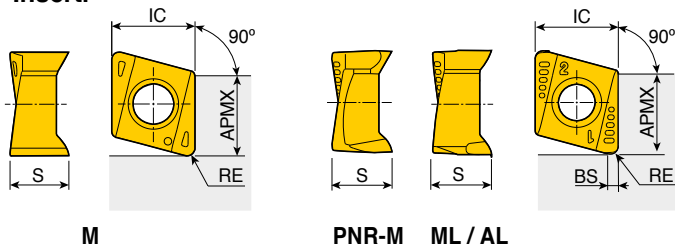
• Per utilizzare l'inserto '4NKT 140750R-HF' il corpo fresa deve essere modificato con raggio 5.0 mm  
 • Utilizzabile su steli T-FLEXTEC

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>4N TE90-14</b>	TS 50A121I/HG	TBLD T20-W6	THND 6W		

# 4NK(H)T

## Inserti



Misura	Dimensioni (mm)				
	IC	S	APMX	BS	RE
<b>04</b>	4.0	3.0-3.1	3.5	-	0.2-0.8
<b>09</b>	8.6	5.7-6.4	8.0	0.8-1.2	0.4-1.6
<b>11</b>	10.7	8.0-8.3	10.5	1.0	0.8
<b>14</b>	14.0	9.2-9.7	13.5-13.8	1.3	0.8

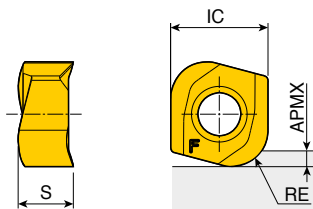


Inserto	Descrizione	Parametri di taglio consigliati		Rivestito							Non rivest.	
		ap (mm)	Avanz. (mm/dente)	TT9080	TT8080	TT8525	TT7515	TT7080	TT6080	TT2510	K10	
	<b>4NKT 040202R-M</b>	0.5-3.0	0.08-0.04	●	●							
	<b>040204R-M</b>	1.0-3.0	0.12-0.06	●	●				●			
	<b>040208R-M</b>	1.0-3.0	0.12-0.06	●	●							
	<b>090408R-M</b>	2.5-7.0	0.15-0.07	●	●		●		●	●		
	<b>090416R-M</b>	2.5-7.0	0.15-0.07	●	●				●			
	<b>110608R-M</b>	3.5-10.0	0.18-0.09	●	●				●			
	<b>140708R-M</b>	4.0-12.0	0.18-0.09	●	●	●		●	●			
	<b>4NKT 110608 PNR-M</b>	3.5-10.0	0.18-0.09	●	●							
	<b>140708 PNR-M</b>	4.0-12.0	0.18-0.09	●	●							
	<b>4NHT 090404R-ML</b>	2.5-7.0	0.10-0.04	●								
	<b>090408R-ML</b>	2.5-7.0	0.10-0.04	●	●							
	<b>4NHT 090404R-AL</b>	2.5-7.0	0.50-0.10								●	
	<b>090408R-AL</b>	2.5-7.0	0.50-0.10								●	

●: Standard

# 4NKT-HF

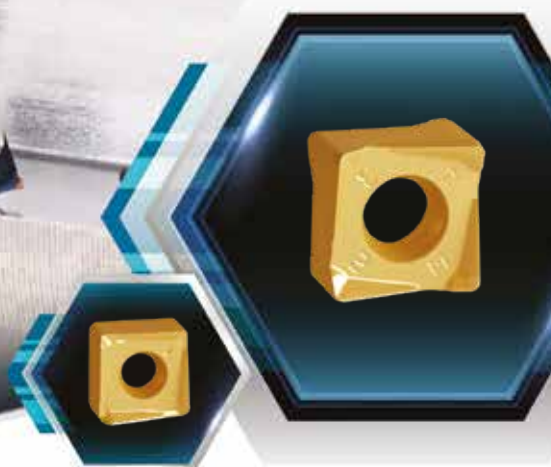
## Inserti per alti avanzamenti



Misura	Dimensioni (mm)				
	IC	S	APMX	RE	
<b>04-HF</b>	4.0	2.8	0.5	1.2	
<b>06-HF</b>	6.6	3.9	1.0	2.0	
<b>09-HF</b>	8.6	4.8	1.5	3.2	
<b>11-HF</b>	10.7	6.1	2.0	4.0	
<b>14-HF</b>	14.0	6.8	3.0	5.0	

Inserto	Descrizione	Parametri di taglio consigliati		Rivestito							Non rivest.
		ap (mm)	Avanz. (mm/dente)	TT9080	TT8080	TT8525	TT7515	TT7080	TT6080	TT2510	K10
	<b>4NKT 040212R-HF</b>	0.2-0.4	0.60-0.10	●						●	
	<b>060320R-HF</b>	0.2-0.6	0.80-0.20	●	●					●	
	<b>090432R-HF</b>	0.3-0.8	1.00-0.20	●							
	<b>110640R-HF</b>	0.3-1.2	1.20-0.30	●							
	<b>140750R-HF</b>	0.3-1.5	1.50-0.30	●							

●: Standard



# CHASE 8 MILL

90° FACING & SHOULDERING

## Inserto quadro per spallamento a 90° con 8 taglienti economici



✓ Inserto bilaterale economico



✓ Inserto robusto e positivo



✓ Grande produttività grazie al numero di denti

✓ Spallamento a 90° con inserto wiper

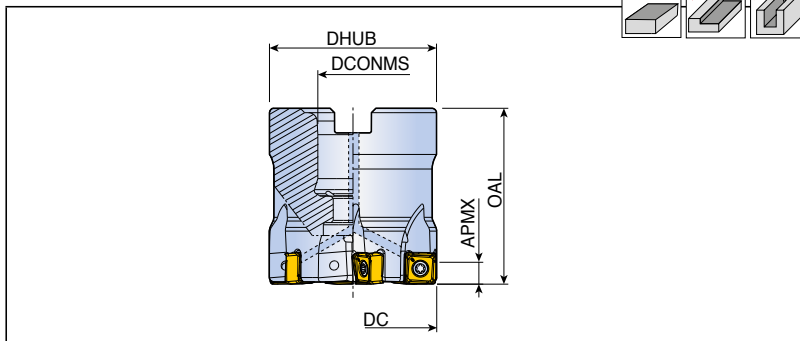
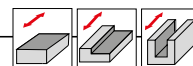


✓ Ottima evacuazione truciolo



# 8D-TF90-07

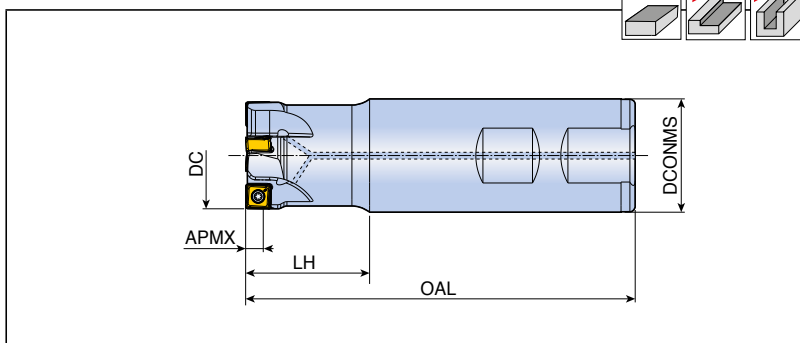
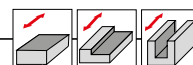
Frese a manicotto



Descrizione	Z	Dimensioni (mm)					Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX					
<b>8D-TF90-432-16R-07</b>	4	32	16	30	32	5.0	●	A	0.1	SH M8x25	SQKU 0703...
<b>640-16R-07</b>	6	40	16	38	40	5.0	●	A	0.3	SH M8x25	
<b>650-22R-07</b>	6	50	22	45	40	5.0	●	A	0.4	SH M10x30	
<b>850-22R-07</b>	8	50	22	45	40	5.0	●	A	0.4	SH M10x30	

# 8D-TE90-07

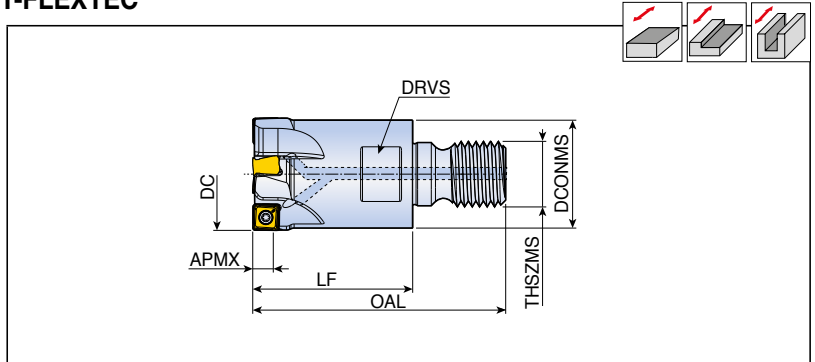
Frese cilindriche



Descrizione	Z	Dimensioni (mm)					Refriger.	Inserto
		DC	DCONMS	OAL	LH	APMX		
<b>8D-TE90-216-W16-07</b>	2	16	16	90	20	5.0	●	SQKU 0703...
<b>220-W20-07</b>	2	20	20	90	25	5.0	●	
<b>320-W20-07</b>	3	20	20	90	25	5.0	●	
<b>325-W25-07</b>	3	25	25	100	30	5.0	●	
<b>425-W25-07</b>	4	25	25	100	30	5.0	●	
<b>432-W32-07</b>	4	32	32	110	35	5.0	●	
<b>632-W32-07</b>	6	32	32	110	35	5.0	●	
<b>540-W32-07</b>	5	40	32	110	40	5.0	●	
<b>840-W32-07</b>	8	40	32	110	40	5.0	●	

# 8D-TE90-M-07

## Testina modulare filettata per T-FLEXTEC



Descrizione	Z	Dimensioni (mm)							Refriger.	Inserto
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>8D-TE90-216-M08-07</b>	2	16	14	23	40.5	M08	5.0	10	●	SQU 0703...
<b>320-M10-07</b>	3	20	18	30	50	M10	5.0	15	●	
<b>325-M12-07</b>	3	25	22	35	57	M12	5.0	17	●	
<b>432-M16-07</b>	4	32	29	43	68	M16	5.0	25	●	
<b>540-M16-07</b>	5	40	29	43	68	M16	5.0	25	●	

• Utilizzabile su steli T-FLEXTEC

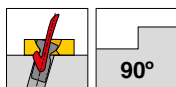
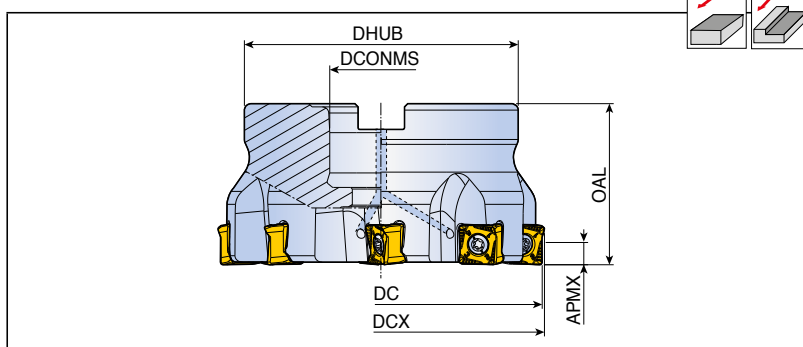
## Ricambi

Descrizione	Vite	Chiave			
<b>8D-TF90-07</b>	TS 25D060/HG-P	TD 7P			
<b>8D-TE90-07</b>	TS 25D060/HG-P	TD 7P			



# 8D-TF90-12

## Frese a manicotto



Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>8D-TF90-450-22R-12</b>	4	50	51.4	22	45	40	8.5	●	A	0.3	SH M10x30	SQK(H)U 1206...
<b>650-22R-12</b>	6	50	51.4	22	45	40	8.5	●	A	0.4	SH M10x30	
<b>563-22R-12</b>	5	63	64.4	22	47	40	8.5	●	A	0.5	SH M10x30	
<b>863-22R-12</b>	8	63	64.4	22	47	40	8.5	●	A	0.6	SH M10x30	
<b>680-27R-12</b>	6	80	81.4	27	58	50	8.5	●	A	1.1	SH M12x35	
<b>1180-27R-12</b>	11	80	81.4	27	58	50	8.5	●	A	1.2	SH M12x35	
<b>8100-32R-12</b>	8	100	101.4	32	66	50	8.5	●	A	1.6	SH M16x30	
<b>14100-32R-12</b>	14	100	101.4	32	66	50	8.5	●	A	1.7	SH M16x30	
<b>10125-40R-12</b>	10	125	126.4	40	85	63	8.5	●	A	3.4	SH M20x40	
<b>18125-40R-12</b>	18	125	126.4	40	85	63	8.5	●	A	3.5	SH M20x40	
<b>12160-40R-12</b>	12	160	161.4	40	110	63	8.5	x	C	4.7	-	
<b>22160-40R-12</b>	22	160	161.4	40	110	63	8.5	x	C	4.8	-	

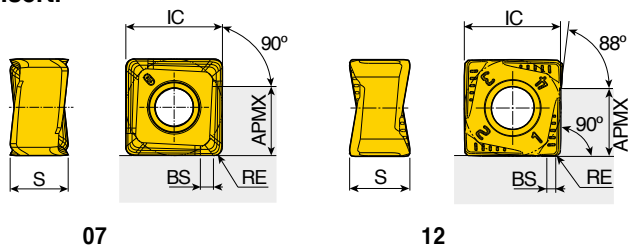
- DC: Diametro di taglio
- DCX: Dametro massimo

## Ricambi

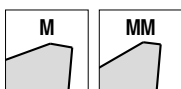
Descrizione	Vite	Chiave	Manico chiave		
<b>8D-TF90-12</b>	TS 40M100/HG	TBLD T15-W6	SW6-T		

# SQK(H)U

## Inserti



Misura	Dimensioni (mm)					
	IC	S	APMX	BS	RE	
<b>07</b>	7.0	4.2	5.0	0.9	0.8	
<b>12</b>	12.2	8.1	8.5	1.1	0.8	



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito								Non rivest.		
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	TT2510	K10	
	<b>SQKU 070308 PNR-M</b>	1.0-4.0	0.20-0.10	●		●					●			
	<b>SQKU 120608 PNR-M</b>	2.0-6.5	0.25-0.15	●				●		●	●			
	<b>SQHU 120608 PNR-MM</b>	2.0-6.5	0.25-0.15	●						●				

●: Standard



# CHASE V QUAD

FIXED POSITIONING

**Frese elicoidali per lavorazione di  
superleghe con sede inserto a V  
per un bloccaggio rigido**



✓ Per titanio e  
superleghe



✓ Sede inserto  
rinforzata a V



✓ Tagliante superpositivo



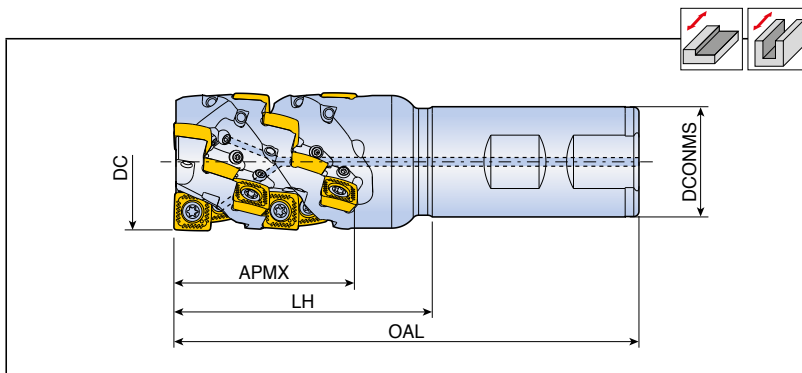
✓ Refrigerante diretto  
su tutti i taglienti



✓ Ottima evacuazione  
truciolo

# 4S-TEF-11V

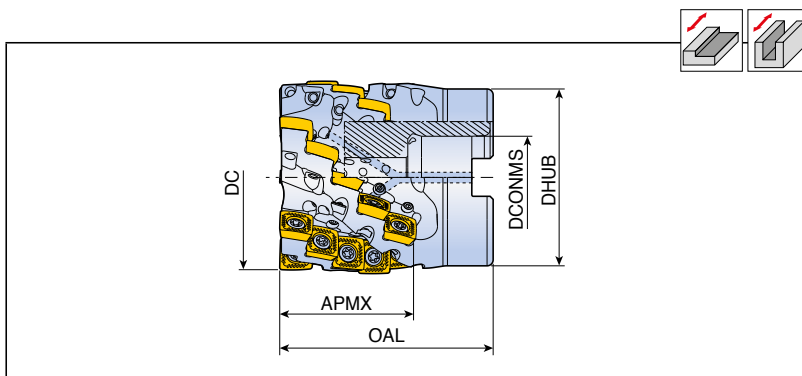
Fresa elicoidale



Descrizione	N. di inserti	Dimensioni (mm)					Refriger.	Inserto	
		DC	DCONMS	OAL	LH	APMX			
<b>4S-TEF- D32-52-W32-11V-2F</b>	2	12	32	32	135	70	52	●	SVK(H)T 1145...
<b>D40-52-W32-11V-3F</b>	3	18	40	32	135	75	52	●	
<b>D40-60-W32-11V-3F</b>	3	21	40	32	180	85	60	●	
<b>D50-52-W40-11V-4F</b>	4	24	50	40	145	75	52	●	
<b>D50-77-W40-11V-4F</b>	4	36	50	40	170	100	77	●	

# 4S-TES-11V

Fresa elicoidale



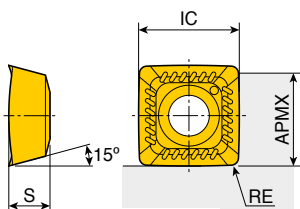
Descrizione	N. di inserti	Dimensioni (mm)						Refriger.	Tipo attacco	kg	Vite di montaggio	Inserto
		DC	DCONMS	DHUB	OAL	APMX						
<b>4S-TES- D40-27-16R-11V-3F</b>	3	9	40	16	38	55	27	●	A	0.3	SH M8x40	SVK(H)T 1145...
<b>D50-43-22R-11V-4F</b>	4	20	50	22	45	65	43	●	A	0.6	SH M10x50	
<b>D50-69-22R-11V-4F</b>	4	32	50	22	45	90	69	●	A	0.8	SH M10x80	
<b>D63-60-27R-11V-5F</b>	5	35	63	27	58	85	60	●	A	1.2	SH M12x60	
<b>D63-69-27R-11V-5F</b>	5	40	63	27	58	93	69	●	A	1.4	SH M12x80	
<b>D80-76-32R-11V-6F</b>	6	54	80	32	76	100	76	●	A	2.6	SH M16x80	

## Ricambi

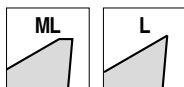
Descrizione	Vite	Chiave	Manico chiave	Manico chiave	Ugello refrigerante
<b>4S-TEF-11V</b>	TS 40093/HG	TBLD T15-W6	-	THND 6W	SS 3003-06C
<b>4S-TES-11V</b>	TS 40093/HG	TBLD T15-W6	SW6-T	-	SS 3003-06C

# SVK(H)T

## Inserti

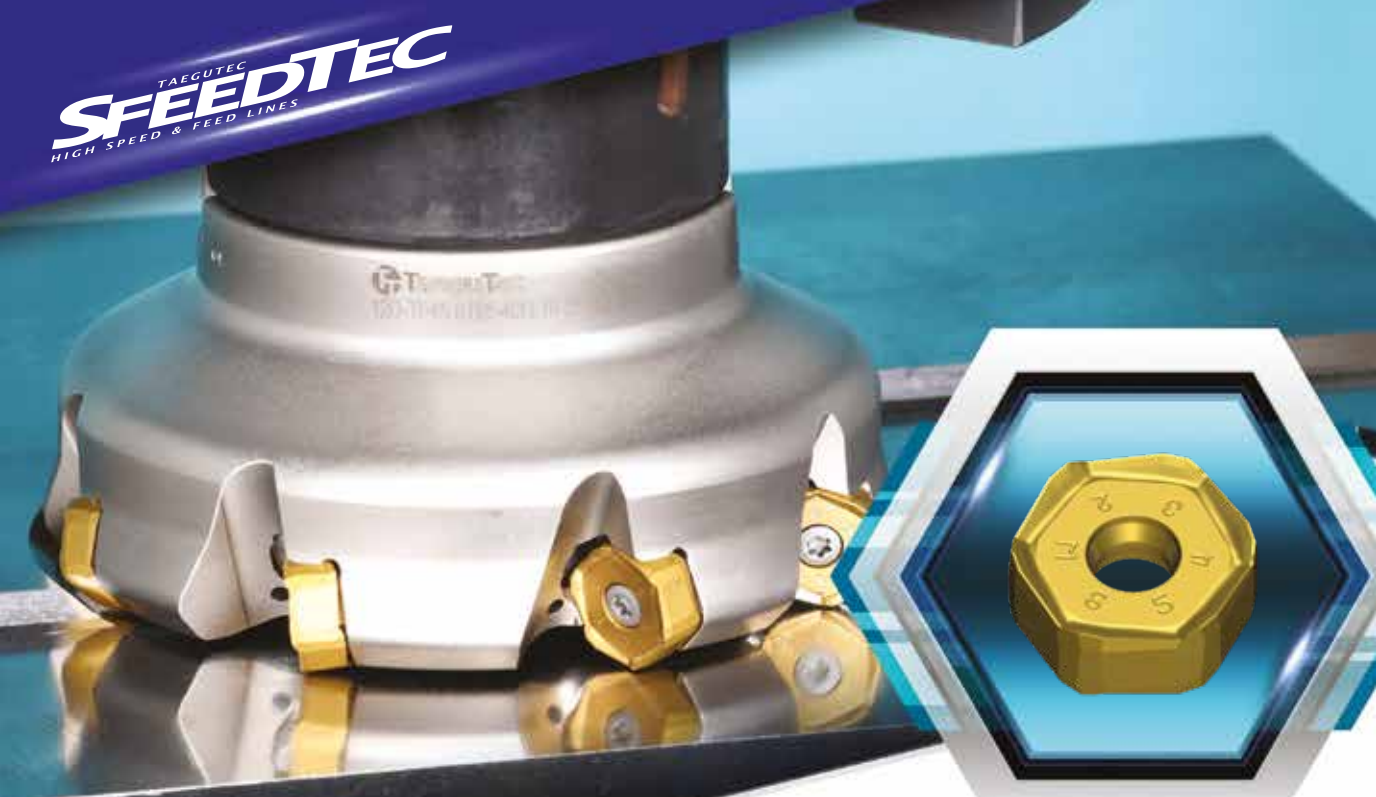


Misura	Dimensioni (mm)				
	IC	S	APMX	RE	
<b>114508</b>	11	4.5	10	0.8	
<b>114516</b>	11	4.5	9	1.6	



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito							Non rivest.		
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080		K10
	<b>SVKT 114508-ML</b>	10.0	0.15-0.04	●		●							
	<b>114516-ML</b>	9.0	0.15-0.04	●		●							
	<b>SVKT 114508-L</b>	10.0	0.12-0.03	●		●							
	<b>SVHT 114508-L</b>	10.0	0.12-0.03	●		●							

●: Standard



# CHASE 12 MILL

FACE MILLING

**Fresa di spianatura a 45°  
con inserto a 12 taglienti  
economico per alta produttività**



✓ Alta produttività grazie al numero di denti



✓ Fresa robusta e tagliente rinforzato



✓ Inserto economico a 12 taglienti

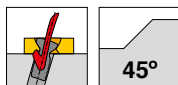
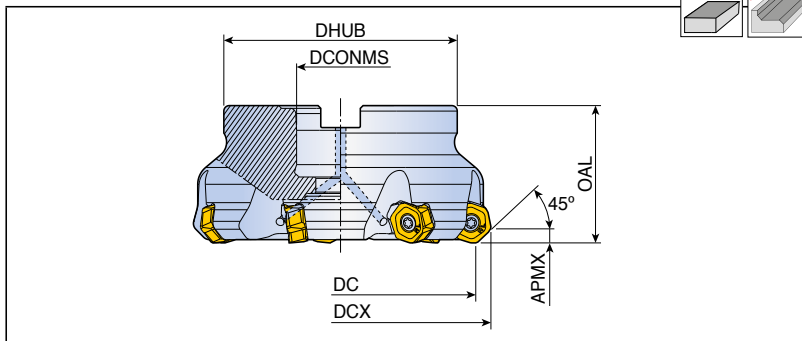


✓ Spianatura a 45°



# 12D-TF45-06

Fresa a manicotto



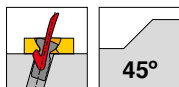
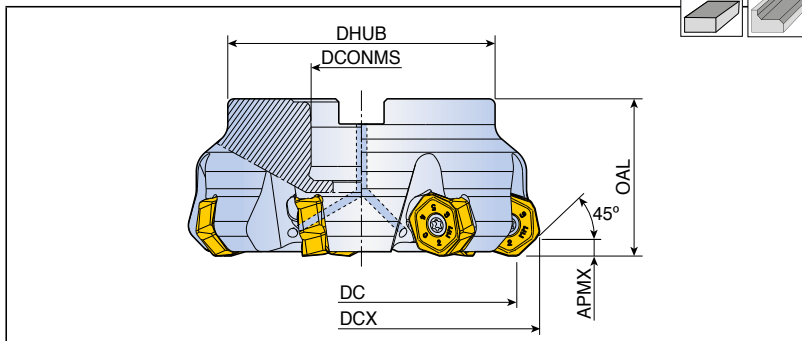
Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>12D-TF45-440-16R-06</b>	4	40	50.8	16	38	40	3.0	●	A	0.3	SH M8x25	HXK(H)U 0605...
<b>450-22R-06</b>	4	50	60.8	22	45	40	3.0	●	A	0.5	LH M10x25	
<b>650-22R-06</b>	6	50	60.8	22	45	40	3.0	●	A	0.5	LH M10x25	
<b>563-22R-06</b>	5	63	73.8	22	47	50	3.0	●	A	0.7	SH M10x30	
<b>763-22R-06</b>	7	63	73.8	22	47	50	3.0	●	A	0.7	SH M10x30	
<b>680-27R-06</b>	6	80	90.8	27	70	50	3.0	●	A	1.5	SH M12x35	
<b>1080-27R-06</b>	10	80	90.8	27	70	50	3.0	●	A	1.5	SH M12x35	
<b>7100-32R-06</b>	7	100	110.8	32	85	50	3.0	●	A	2.2	SH M16x35	
<b>12100-32R-06</b>	12	100	110.8	32	85	50	3.0	●	A	2.2	SH M16x35	
<b>10125-40R-06</b>	10	125	135.8	40	85	63	3.0	●	A	3.6	SH M20x40	
<b>16125-40R-06</b>	16	125	135.8	40	85	63	3.0	●	A	3.6	SH M20x40	
<b>12160-40R-06</b>	12	160	170.8	40	110	63	3.0	x	C	4.9	-	
<b>20160-40R-06</b>	20	160	170.8	40	110	63	3.0	x	C	4.9	-	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>12D-TF45-06</b>	TS 40B100I	TBLD T15-W6	SW6-T		

# 12D-TF45-10

## Frese a manicotto



Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>12D-TF45-563-22R-10</b>	5	63	77.5	22	47	50	5.0	●	A	0.9	SH M10x30	HXK(H)U 1007...
<b>763-22R-10</b>	7	63	77.5	22	47	50	5.0	●	A	0.9	SH M10x30	
<b>680-27R-10</b>	6	80	94.5	27	70	50	5.0	●	A	1.6	SH M12x35	
<b>980-27R-10</b>	9	80	94.5	27	70	50	5.0	●	A	1.6	SH M12x35	
<b>7100-32R-10</b>	7	100	114.5	32	85	50	5.0	●	A	2.4	SH M16x35	
<b>11100-32R-10</b>	11	100	114.5	32	85	50	5.0	●	A	2.4	SH M16x35	
<b>8125-40R-10</b>	8	125	139.5	40	85	63	5.0	●	A	4.1	SH M20x40	
<b>14125-40R-10</b>	14	125	139.5	40	85	63	5.0	●	A	4.0	SH M20x40	
<b>10160-40R-10</b>	10	160	174.5	40	110	63	5.0	x	C	5.6	-	
<b>16160-40R-10</b>	16	160	174.5	40	110	63	5.0	x	C	5.6	-	
<b>14200-60R-10</b>	14	200	214.5	60	130	63	5.0	x	C	7.9	-	
<b>21200-60R-10</b>	21	200	214.5	60	130	63	5.0	x	C	7.9	-	
<b>16250-60R-10</b>	16	250	264.5	60	160	63	5.0	x	C	12.4	-	
<b>26250-60R-10</b>	26	250	264.5	60	160	63	5.0	x	C	12.4	-	

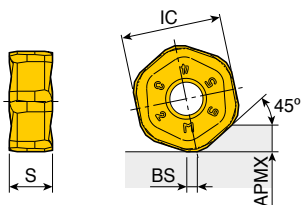
## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>12D-TF45-10</b>	TS 50C130I/HG	TBLD T20-W6	SW6-T		

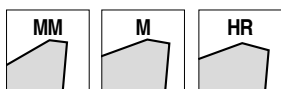


# HXK(H)U

## Inserti

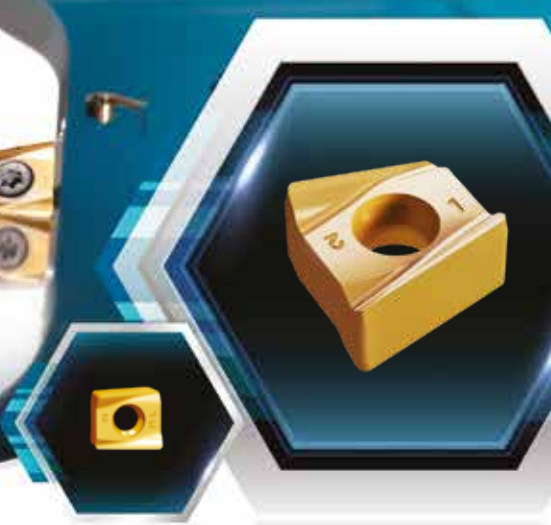


Misura	Dimensioni (mm)				
	IC	S	APMX	BS	
<b>06-MM</b>	14	6.7	3.0	1.3	
<b>06-M</b>	14	6.7	3.0	0.8	
<b>10-MM</b>	19.1	8.2	5.0	1.6	
<b>10-M/HR</b>	19.1	8.2	5.0	1.0	



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito								Non rivest.	
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	K10	
	<b>HXHU 0605 ANR-MM</b>	1.0-3.0	0.35-0.10	●							●		
	<b>1007 ANR-MM</b>	2.0-5.0	0.45-0.10								●		
	<b>HXKU 0605 ANR-M</b>	1.0-3.0	0.25-0.10	●				●					
	<b>1007 ANR-M</b>	2.0-5.0	0.30-0.10	●				●					
	<b>HXKU 1007 ANR-HR</b>	2.0-5.0	0.60-0.10					●					
		2.0-5.0	0.70-0.10						●				

●: Standard



# CHASE4FINISH

HIGH FEED MILL

## Fresa per superfinitura con inserto wiper tangenziale



✓ Super finitura grazie alla geometria wiper



✓ Inserto super positivo a 4 taglienti



✓ Senza tempo di set-up grazie al bloccaggio

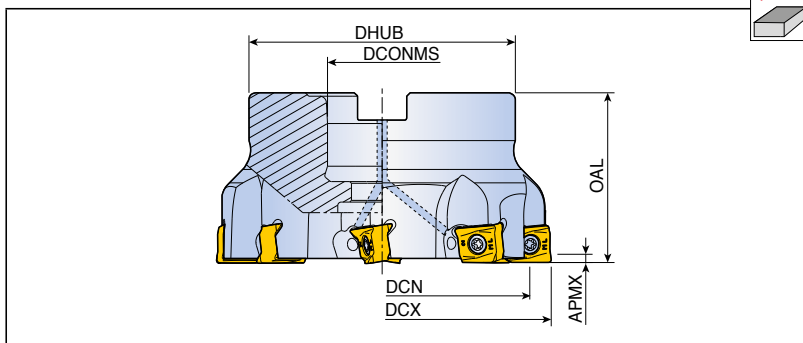


✓ Inserto per acciaio, ghisa, alluminio



# 4W-TF90-12

Fresa per finitura



Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DCX	DCN	DCONMS	DHUB	OAL	APMX					
<b>4W-TF90-550-22R-12</b>	5	50	38.9	22	45	40	0.50	●	A	0.4	SH M10x30	4WHU 1207...
<b>663-22R-12</b>	6	63	50.9	22	47	40	0.50	●	A	0.5	SH M10x30	
<b>880-27R-12</b>	8	80	66.9	27	58	50	0.50	●	A	1.1	SH M12x35	
<b>8100-32R-12</b>	8	100	86.9	32	66	50	0.50	●	A	1.6	SH M16x35	
<b>10125-40R-12</b>	10	125	110.9	40	85	63	0.50	●	A	3.1	SH M20x40	
<b>10160-40R-12</b>	10	160	145.9	40	110	63	0.50	x	C	4.1	-	

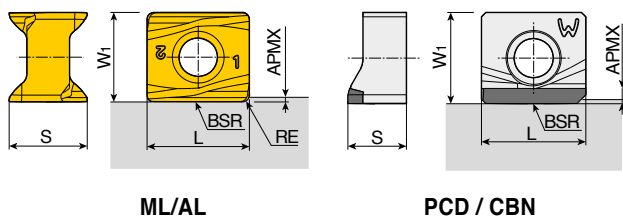
- DCN: Minimo diametro di taglio
- DCX: Massimo diametro di taglio

## Ricambi

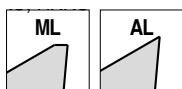
Descrizione	Vite	Chiave	Manico chiave		
<b>4W-TF90-12</b>	TS 40A115I	TBLD T15-W6	SW6-T		

# 4WHU

## Inserti

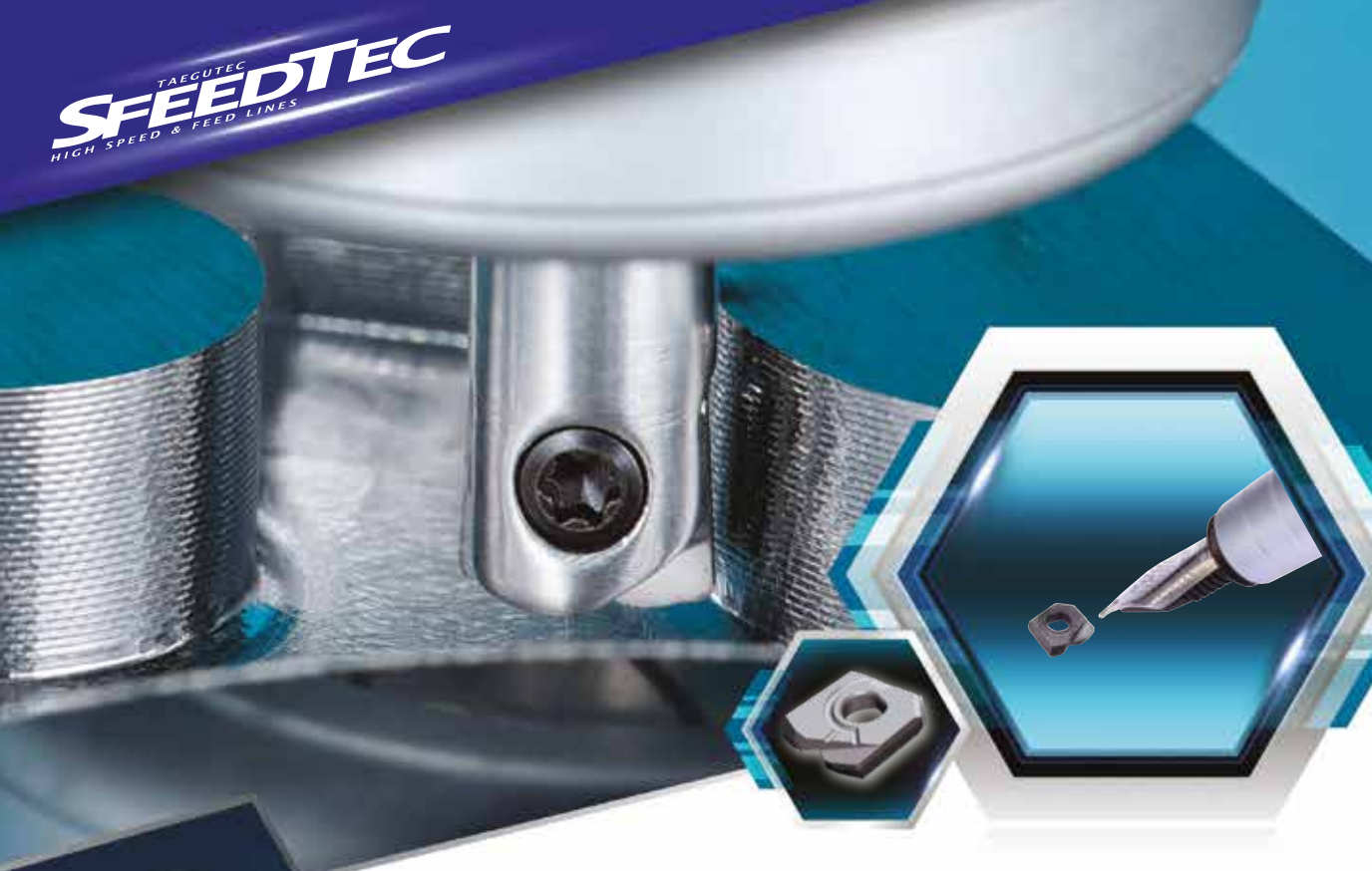


Misura	Dimensioni (mm)					
	L	W <sub>1</sub>	S	APMX	RE	BSR
<b>12-ML/AL</b>	12	10.5	9.1	0.5	0.8	1000
<b>12-PCD</b>	12	10.5	6.7	0.5	-	1000
<b>12-CBN</b>	12	10.5	6.7	0.5	-	1000



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito					Non rivest.	PCD	CBN
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT6080	K10	TD810	KB90
	<b>4WHU 1207-ML</b>	0.25-0.5	0.25-0.10	●				●			
	<b>4WHU 1207-AL</b>	0.25-0.5	0.25-0.10						●		
	<b>4WHU 1207-PCD</b>	0.25-0.5	0.25-0.10							●	
	<b>4WHU 1207-CBN</b>	0.25-0.5	0.25-0.10								●

●: Standard



# NANRUSH

HIGH FEED MILL

## Mini inserto per alto avanzamento



✓ Geometria per alto avanzamento



✓ Microinserto



✓ Grande angolo di rampa



✓ Refrigerazione diretta sul tagliente



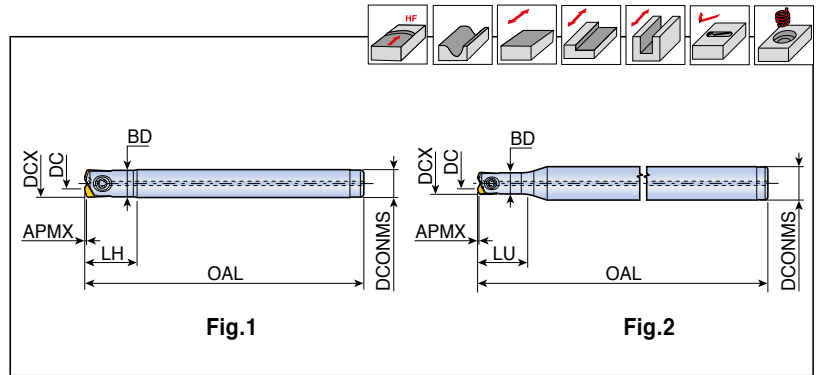
✓ Robusta vite di bloccaggio



# THFN



## Frese per alto avanzamento

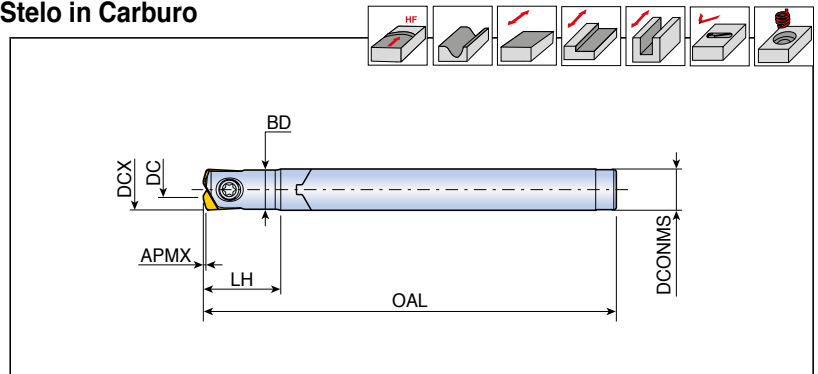


Descrizione		Dimensioni (mm)								Refriger.	Fig.	Inserto
		DCX	DC	DCONMS	BD	OAL	LH	LU	APMX			
<b>THFN 060-06-L80</b>	2	6	3	6	5.8	80	13	-	0.3	●	1	HFN 060...
<b>060-10-L120</b>	2	6	3	10	5.8	120	-	13	0.3	●	2	
<b>080-08-L80</b>	2	8	4	8	7.6	80	18	-	0.5	●	1	
<b>080-12-L140</b>	2	8	4	12	7.6	140	-	18	0.5	●	2	HFN 080...

# THFN-CT



## Frese per alto avanzamento - Stelo in Carburo

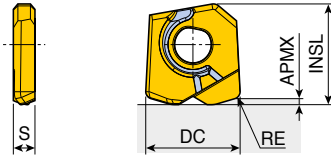


Descrizione		Dimensioni (mm)							Refriger.	Inserto
		DCX	DC	DCONMS	BD	OAL	LH	APMX		
<b>THFN 060-06-CT-L80</b>	2	6	3	6	5.8	80	20	0.3	x	HFN 060...
<b>060-06-CT-L140</b>	2	6	3	6	5.8	140	25	0.3	x	
<b>080-08-CT-L80</b>	2	8	4	8	7.6	80	20	0.5	x	HFN 080...
<b>080-08-CT-L160</b>	2	8	4	8	7.6	160	30	0.5	x	

## Ricambi

Descrizione	Vite	Chiave			
<b>THFN 060</b>	TS 20F060A	TD 6			
<b>THFN 080</b>	TS 25F080A	TD 6			

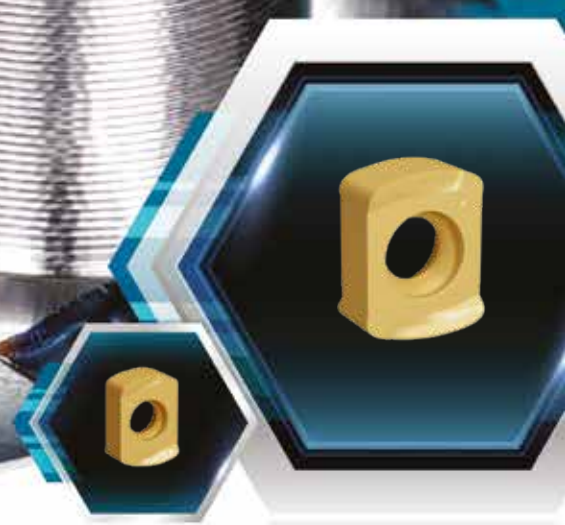
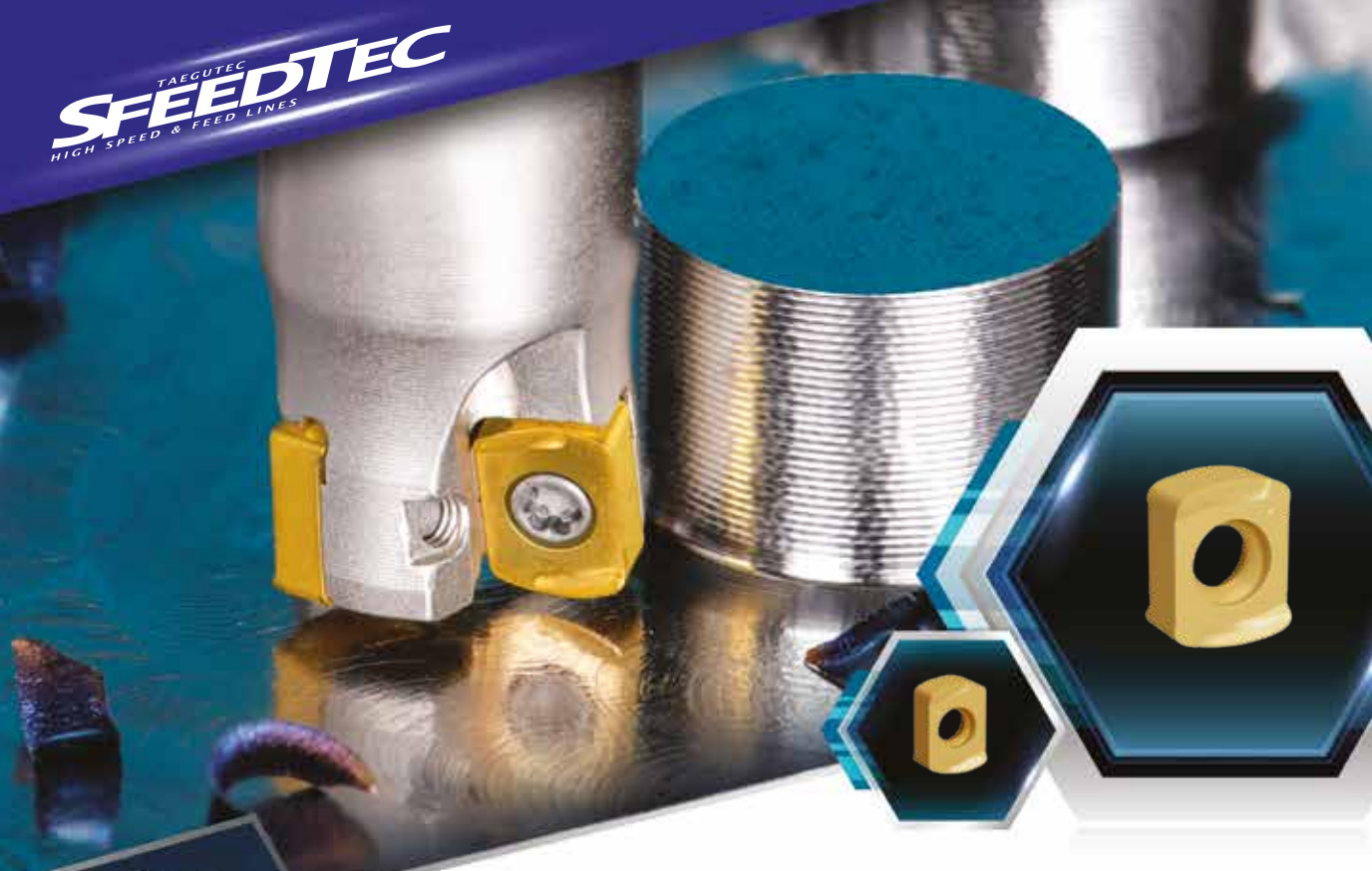
## Inserti per alto avanzamento



Misura	Dimensioni (mm)					
	INSL	DC	S	APMX	RE	
<b>06</b>	5.9	6	1.6	0.3	0.5	
<b>08</b>	8.4	8	1.8	0.5	0.6	

Inserto	Descrizione	Parametri di taglio consigliati		Rivestito							Non rivest.		
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	TT5515	K10
	<b>HFN 060-M</b>	0.1-0.2	0.50-0.30										
	<b>080-M</b>	0.2-0.3	0.50-0.30								●		
											●		

●: Standard



# CHASE4FEED

HIGH FEED MILL

**Robusto e versatile  
inserto per alti  
avanzamenti**



✓ Robusto Inserto per alti avanzamenti

✓ Alta produttività grazie al numero di denti

✓ Angolo di taglio positivo

✓ Ottima evacuazione truciolo

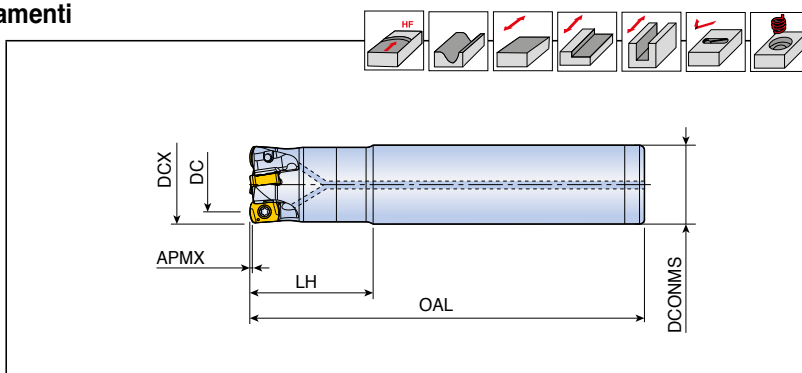
✓ Grande gamma di inserti e frese





# TEBL-04

Frese cilindriche per alti avanzamenti



Descrizione	🌀	Dimensioni (mm)						Refriger.	Inserto
		DCX	DC	DCONMS	OAL	LH	APMX		
<b>TEBL 108-08-04-L80</b>	1	8	3.8	8	80	20	0.5	●	BLMP 0402...
<b>210-10-04-L100</b>	2	10	5.6	10	100	20	0.5	●	
<b>211-10-04-L100</b>	2	11	6.6	10	100	20	0.5	●	
<b>312-12-04-L110</b>	3	12	7.6	12	110	20	0.5	●	
<b>313-12-04-L110</b>	3	13	8.6	12	110	20	0.5	●	
<b>416-16-04-L150</b>	4	16	11.6	16	150	25	0.5	●	
<b>417-16-04-L200</b>	4	17	12.6	16	200	25	0.5	●	
<b>520-20-04-L200</b>	5	20	15.5	20	200	25	0.5	●	
<b>521-20-04-L200</b>	5	21	16.5	20	200	25	0.5	●	

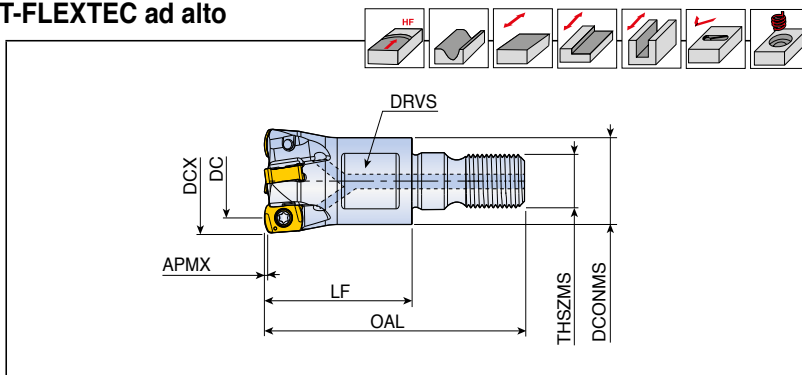
## Ricambi

Descrizione	Vite	Chiave			
<b>TEBL-04</b>	TS 18041/HG	TD 6P			

# TEBL-M-04



Testina modulare filettata per T-FLEXTEC ad alto avanzamento



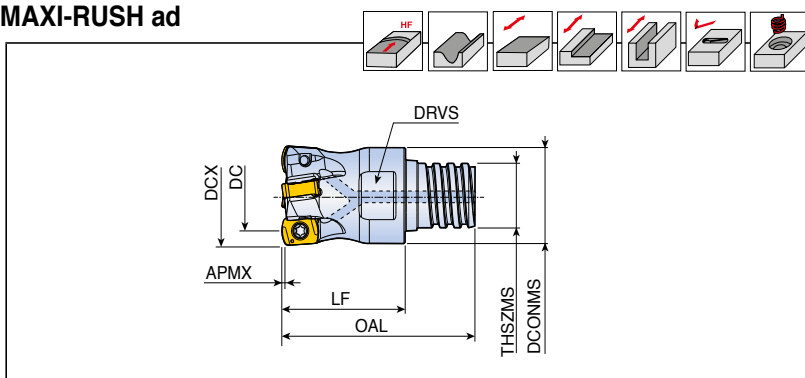
Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DCX	DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>TEBL 210-M06-04</b>	2	10	5.6	9.7	17	31.5	M06	0.5	8	●	BLMP 0402...
<b>211-M06-04</b>	2	11	6.6	9.7	17	31.5	M06	0.5	8	●	
<b>312-M06-04</b>	3	12	7.6	11	17	31.5	M06	0.5	8	●	
<b>313-M06-04</b>	3	13	8.6	11	17	31.5	M06	0.5	8	●	
<b>416-M08-04</b>	4	16	11.6	13	23	40.5	M08	0.5	10	●	
<b>417-M08-04</b>	4	17	12.6	13	23	40.5	M08	0.5	10	●	
<b>520-M10-04</b>	5	20	15.5	18	23	43	M10	0.5	15	●	
<b>725-M12-04</b>	7	25	20.6	21	27	49	M12	0.5	17	●	
<b>832-M16-04</b>	8	32	27.5	29	27	52	M16	0.5	25	●	

• Utilizzabile su steli T-FLEXTEC

# TEBL-S-04



Testina modulare filettata per MAXI-RUSH ad alto avanzamento



Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DCX	DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>TEBL 210-S06-04</b>	2	10	5.6	9.6	15	21.3	S06	0.5	8	●	BLMP 0402...
<b>312-S08-04</b>	3	12	7.6	11.5	16	23.5	S08	0.5	10	●	
<b>416-S10-04</b>	4	16	11.6	15.2	20	31.3	S10	0.5	13	●	

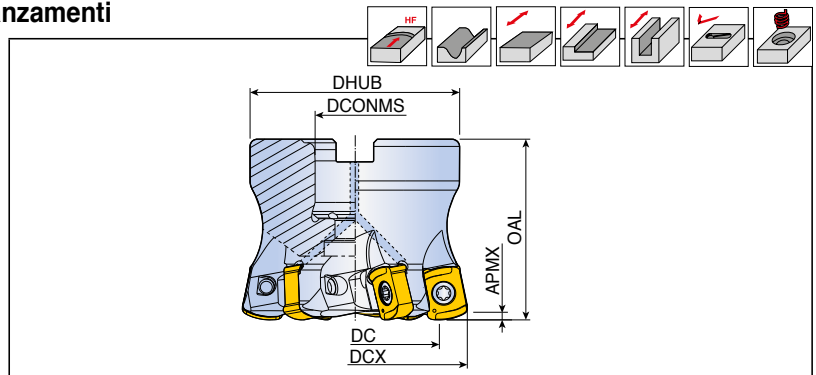
• Utilizzabile su steli MAXI-RUSH

## Ricambi

Descrizione	Vite	Chiave			
	<b>TEBL-04</b>	TS 180411/HG	TD 6P		

# TFMBL-11

## Frese a manicotto per alti avanzamenti



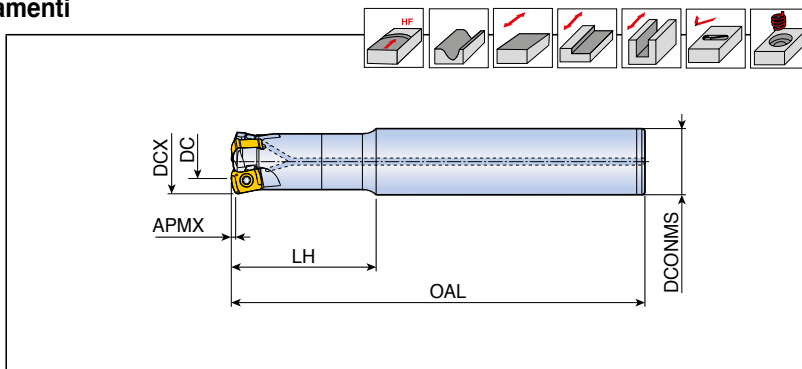
Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco		Vite di montaggio	Inserto
		DCX	DC	DCONMS	DHUB	OAL	APMX					
<b>TFMBL 440-16R-11</b>	4	40	24.4	16	30	40	2.0	●	E	0.2	KTB 32B	BLMP 1105...
<b>450-22R-11</b>	4	50	34.4	22	45	40	2.0	●	A	0.3	LH M10x25	
<b>550-22R-11</b>	5	50	34.4	22	45	40	2.0	●	A	0.3	LH M10x25	
<b>552-22R-11</b>	5	52	36.4	22	45	40	2.0	●	A	0.3	LH M10x25	
<b>563-22R-11</b>	5	63	48.4	22	58	50	2.0	●	A	0.7	SH M10x30	
<b>663-22R-11</b>	6	63	48.4	22	58	50	2.0	●	A	0.7	SH M10x30	
<b>666-22R-11</b>	6	66	50.3	22	58	50	2.0	●	A	0.8	SH M10x30	
<b>680-27R-11</b>	6	80	64.3	27	70	60	2.0	●	A	1.4	SH M12x30	
<b>780-27R-11</b>	7	80	64.3	27	70	60	2.0	●	A	1.4	SH M12x30	
<b>6100-32R-11</b>	6	100	84.3	32	85	60	2.0	●	A	2.2	SH M16x35	
<b>7100-32R-11</b>	7	100	84.3	32	85	60	2.0	●	A	2.2	SH M16x35	
<b>8125-32R-11</b>	8	125	109.3	32	85	60	2.0	●	A	2.5	SH M20x40	
<b>10125-40R-11</b>	10	125	109.3	40	85	60	2.0	●	A	2.7	SH M20x40	
<b>10160-40R-11</b>	10	160	144.3	40	110	60	2.0	x	C	3.9	-	
<b>12200-60R-11</b>	12	200	184.3	60	130	60	2.0	x	C	5.8	-	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>TFMBL-11</b>	TS 50A121I/HG	TBLD T20-W6	SW6-T		

# TEBL-11

Frese cilindriche per alti avanzamenti



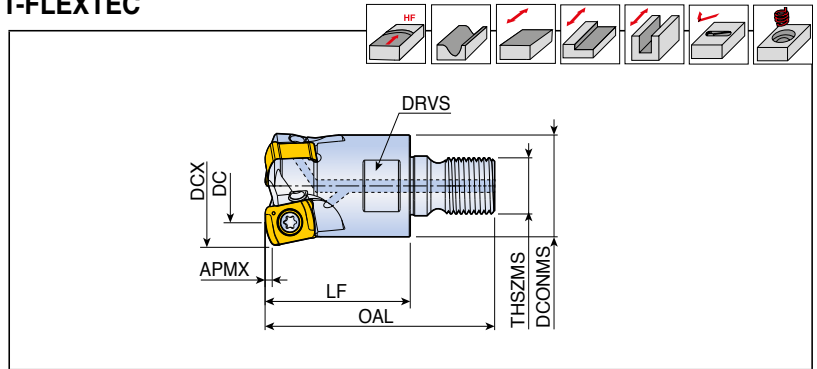
Descrizione		Dimensioni (mm)						Refriger.	Inserto
		DCX	DC	DCONMS	OAL	LH	APMX		
<b>TEBL 230-32-11-L150</b>	2	30	14.7	32	150	70	2.0	●	BLMP 1105...
<b>232-32-11-L150</b>	2	32	16.6	32	150	70	2.0	●	
<b>232-32-11-L200</b>	2	32	16.6	32	200	70	2.0	●	
<b>332-32-11-L200</b>	3	32	16.6	32	200	70	2.0	●	
<b>233-32-11-L200</b>	2	33	17.6	32	200	40	2.0	●	
<b>233-32-11-L250</b>	2	33	17.6	32	250	50	2.0	●	
<b>333-32-11-L250</b>	3	33	17.6	32	250	50	2.0	●	
<b>335-32-11-L200</b>	3	35	19.5	32	200	40	2.0	●	
<b>340-32-11-L150</b>	3	40	24.4	32	150	40	2.0	●	
<b>340-32-11-L200</b>	3	40	24.4	32	200	40	2.0	●	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>TEBL-11</b>	TS 50A121I/HG	TBLD T20-W6	THND 6W		

# TEBL-M-11

Testina modulare filettata per T-FLEXTEC



Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DCX	DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>TEBL 230-M16-11</b>	2	30	14.7	29	43	68	M16	2.0	25	●	BLMP 1105...
<b>232-M16-11</b>	2	32	16.6	29	43	68	M16	2.0	25	●	
<b>233-M16-11</b>	2	33	17.6	29	43	68	M16	2.0	25	●	
<b>335-M16-11</b>	3	35	19.5	29	43	68	M16	2.0	25	●	
<b>340-M16-11</b>	3	40	24.4	29	43	68	M16	2.0	25	●	
<b>342-M16-11</b>	3	42	26.4	29	43	68	M16	2.0	25	●	

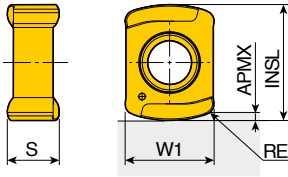
- Utilizzabile su steli T-FLEXTEC

## Ricambi

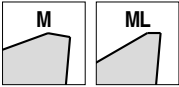
Descrizione	Vite	Chiave	Manico chiave		
	<b>TEBL-11</b>	TS 50A121I/HG	TBLD T20-W6	THND 6W	

# BLMP

## Inserti per alti avanzamenti

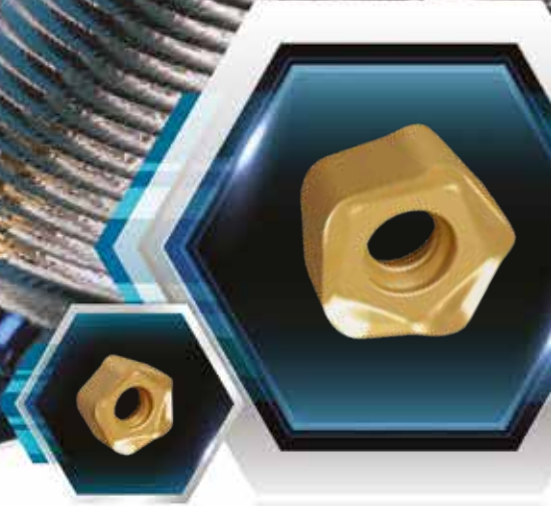


Misura	Dimensioni (mm)					
	INSL	W <sub>1</sub>	S	APMX	RE	
<b>04</b>	6.0	4.2	2.5	0.5	0.5	
<b>11</b>	14.6	11.2	6.5	2.0	1.3	



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito								Non rivest.		
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	TT2510	K10	
	<b>BLMP 0402R-M</b>	0.1-0.5	1.50-0.20	●	●						●			
	<b>1105R-M</b>	0.3-2.0	4.00-0.30	●	●	●					●			
	<b>BLMP 0402R-ML</b>	0.1-0.5	0.80-0.10	●	●									
	<b>1105R-ML</b>	0.3-2.0	4.00-0.30	●	●	●								

●: Standard



# CHASE 10 MILL

FACE MILLING

**Inserto pentagonale per spianatura  
ad alti avanzamenti o a 65°**

✓ Fresa  
per spianatura 65° e  
alto avanzamento

✓ Inserto bilaterale  
pentagonale

✓ Angolo di taglio positivo

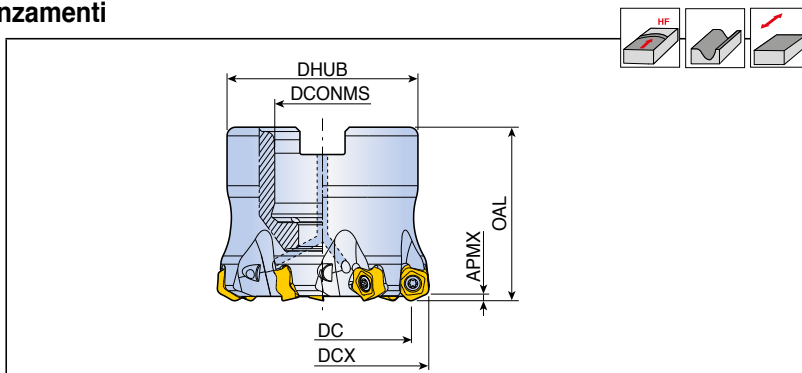
✓ Inserto dal tagliente robusto

✓ Ottima evacuazione truciolo



# TFMPT-05

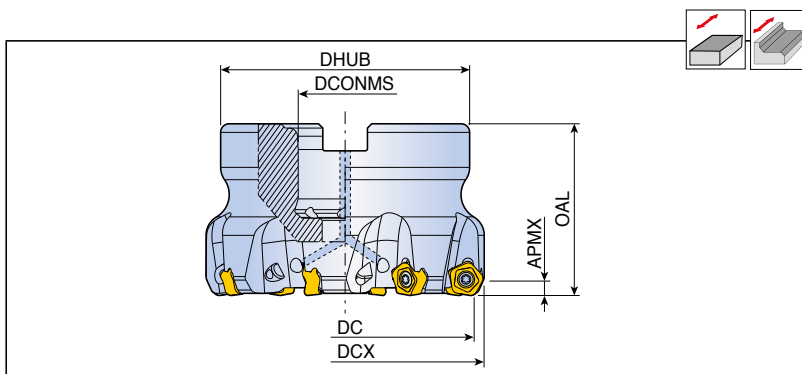
Frese a manicotto per alti avanzamenti



Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DCX	DC	DCONMS	DHUB	OAL	APMX					
<b>TFMPT 640-16R-05</b>	6	40	31.8	16	38	40	1.5	●	A	0.3	SH M8x25	PTKU 0503...
<b>750-22R-05</b>	7	50	41.8	22	45	40	1.5	●	A	0.4	LH M10x25	
<b>752-22R-05</b>	7	52	43.8	22	45	40	1.5	●	A	0.3	LH M10x25	
<b>863-22R-05</b>	8	63	54.8	22	58	50	1.5	●	A	0.8	SH M10x30	
<b>866-27R-05</b>	8	66	57.8	27	58	50	1.5	●	A	0.7	SH M12x35	

# TFM65PT-05

Frese a manicotto



Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>TFM65PT 640-16R-05</b>	6	40	43.7	16	38	40	3.3	●	A	0.3	SH M8x25	PTKU 0503...
<b>750-22R-05</b>	7	50	53.7	22	45	40	3.3	●	A	0.4	SH M10x30	
<b>863-22R-05</b>	8	63	66.7	22	58	40	3.3	●	A	0.7	SH M10x30	

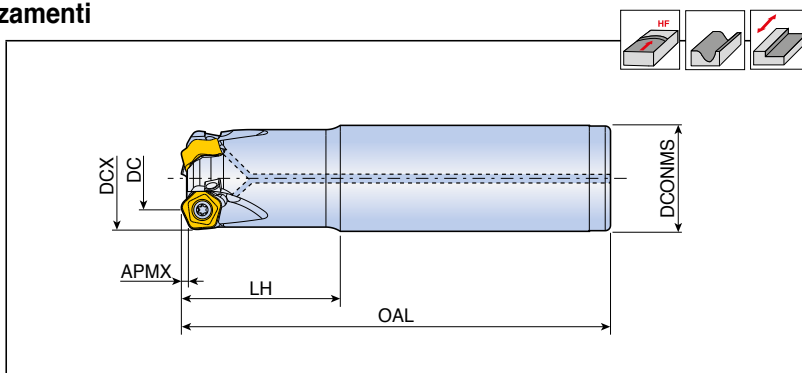
## Ricambi

Descrizione	Vite	Chiave			
<b>TFMPT-05</b>	TS 25D060/HG-P	TD 7P			
<b>TFM65PT-05</b>	TS 25D060/HG-P	TD 7P			



# TEPT-05

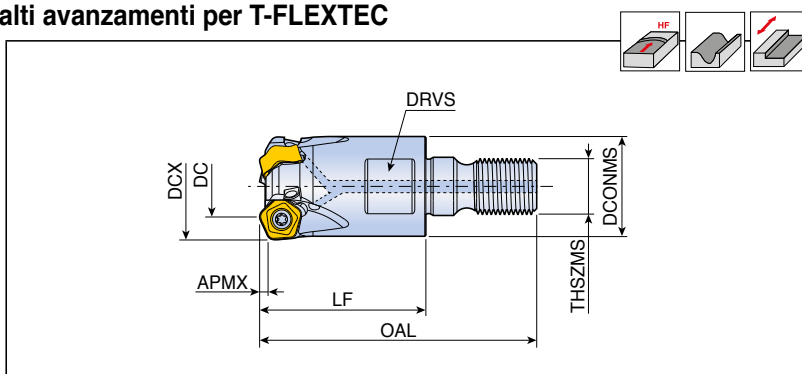
Frese cilindriche per alti avanzamenti



Descrizione		Dimensioni (mm)						Refriger.	Inserto
		DCX	DC	DCONMS	OAL	LH	APMX		
<b>TEPT 320-20-05-L150</b>	3	20	11.9	20	150	50	1.5	●	PTKU 0503 ...
<b>425-25-05-L150</b>	4	25	16.8	25	150	50	1.5	●	
<b>426-25-05-L200</b>	4	26	17.8	25	200	30	1.5	●	
<b>532-32-05-L200</b>	5	32	23.8	32	200	50	1.5	●	
<b>533-32-05-L200</b>	5	33	24.8	32	200	30	1.5	●	
<b>640-32-05-L200</b>	6	40	31.8	32	200	30	1.5	●	

# TEPT-M-05

Testina modulare filettata per alti avanzamenti per T-FLEXTEC



Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DCX	DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>TEPT 320-M10-05</b>	3	20	11.9	18	30	50	M10	1.5	15	●	PTKU 0503...
<b>425-M12-05</b>	4	25	16.8	21	35	57	M12	1.5	17	●	
<b>532-M16-05</b>	5	32	23.8	29	43	68	M16	1.5	25	●	
<b>640-M16-05</b>	6	40	31.8	29	43	68	M16	1.5	25	●	

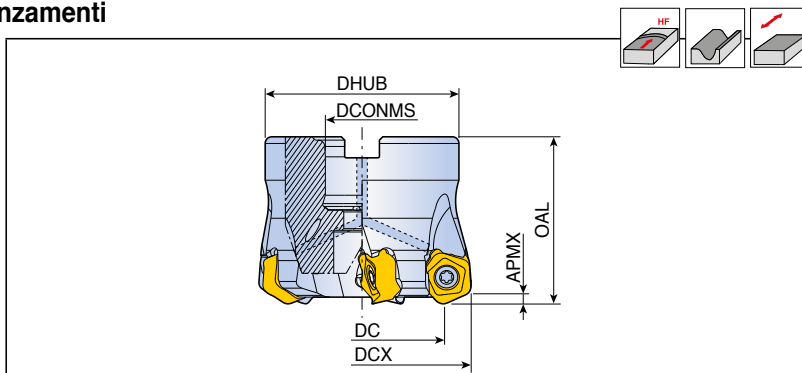
• Utilizzabile su steli T-FLEXTEC

## Ricambi

Descrizione	Vite	Chiave			
	<b>TEPT-05</b>	TS 25D060/HG-P	TD 7P		

# TFMPT-10

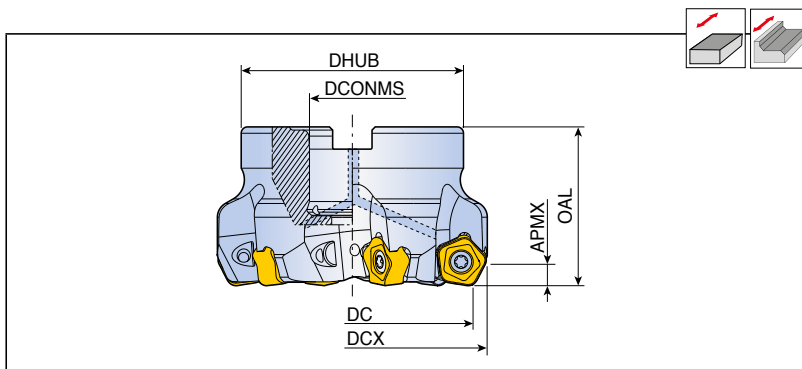
Frese a manicotto per alti avanzamenti



Descrizione	Z	Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DCX	DC	DCONMS	DHUB	OAL	APMX					
<b>TFMPT 450-22R-10</b>	4	50	33.4	22	45	40	3.0	●	E	0.3	TCS10-40	PTKU 1006...
<b>563-22R-10</b>	5	63	46.4	22	58	50	3.0	●	A	0.8	SH M10x30	
<b>566-22R-10</b>	5	66	49.4	22	58	50	3.0	●	A	0.8	SH M10x30	
<b>680-27R-10</b>	6	80	63.4	27	70	60	3.0	●	A	1.4	SH M12x30	
<b>8100-32R-10</b>	8	100	83.4	32	85	60	3.0	●	A	2.3	SH M16x35	
<b>9125-32R-10</b>	9	125	108.4	32	85	60	3.0	●	A	3.1	SH M16x35	
<b>10160-40R-10</b>	10	160	143.4	40	110	60	3.0	x	C	4.1	-	
<b>12200-60R-10</b>	12	200	183.4	60	130	60	3.0	x	C	5.7	-	

# TFM65PT-10

Frese a manicotto



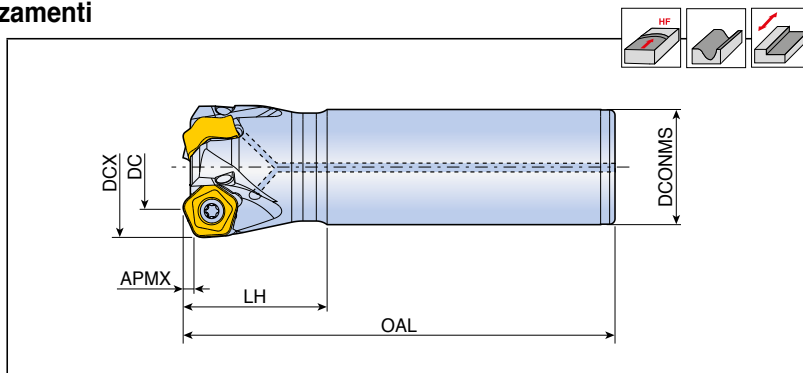
Descrizione	Z	Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>TFM65PT 680-27R-10</b>	6	80	87.4	27	70	50	6.5	●	A	1.2	LH M12x30	PTKU 1006...
<b>8100-32R-10</b>	8	100	107.4	32	85	50	6.5	●	A	1.9	LH M16x35	
<b>9125-40R-10</b>	9	125	132.4	40	85	63	6.5	●	A	3.2	SH M20x40	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>TFMPT-10</b>	TS 50D130/HG-P	TBLD T20P-W6	SW6-T		
<b>TFM65PT-10</b>	TS 50D130/HG-P	TBLD T20P-W6	SW6-T		

# TEPT-10

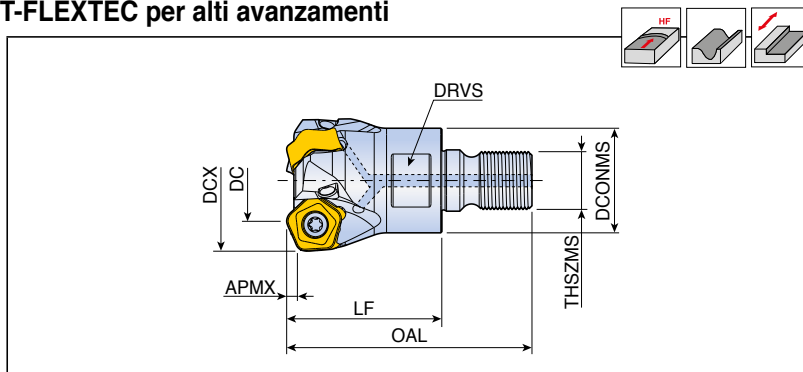
Frese cilindriche per alti avanzamenti



Descrizione		Dimensioni (mm)						Refriger.	Inserto
		DCX	DC	DCONMS	OAL	LH	APMX		
<b>TEPT 340-32-10-L200</b>	3	40	23.5	32	200	40	3.0	•	PTKU 1006...

# TEPT-M-10

Testina modulare filettata per T-FLEXTEC per alti avanzamenti



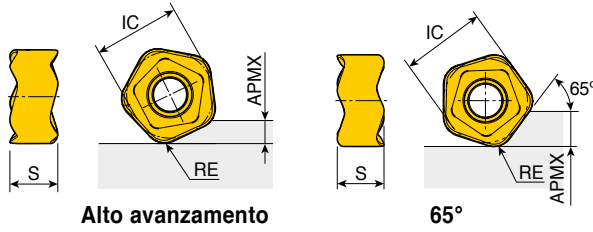
Descrizione		Dimensioni (mm)								Refriger.	Inserto
		DCX	DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>TEPT 340-M16-10</b>	3	40	23.5	29	43	68	M16	3.0	25	•	PTKU 1006...

- Utilizzabile su steli T-FLEXTEC

## Ricambi

Descrizione	Vite 	Chiave 	Manico chiave 		
<b>TEPT-10</b>	TS 50D130/HG-P	TBLD T20P-W6	THND 6W		

## Inserti

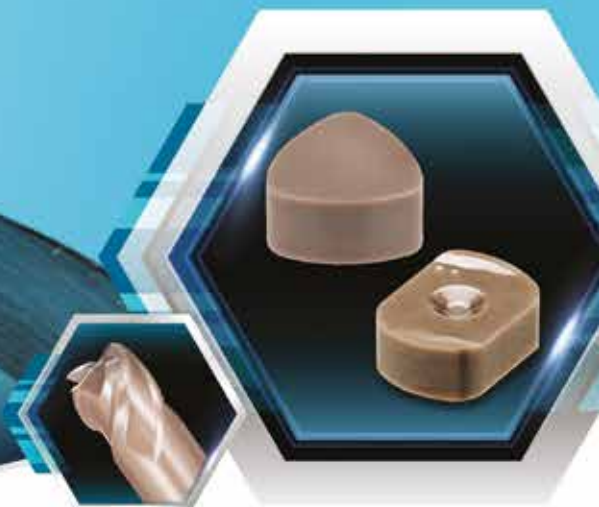


Misura	Dimensioni (mm)				
	IC	S	APMX	RE	
<b>05(HF)</b>	7.1	3.8	1.5	1.5	
<b>05(65°)</b>	7.1	3.8	3.3	1.5	
<b>10(HF)</b>	14.2	7.7	3.0	3.0	
<b>10(65°)</b>	14.2	7.7	6.5	3.0	



Inserto	Descrizione	Parametri di taglio consigliati		Rivestito							Non rivest.	
		ap (mm)	Avanz. (mm/dente)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	K10
	<b>PTKU 0503R-M</b> (Alto avanz.)	0.2-1.5	1.20-0.20	●	●							
	<b>1006R-M</b> (Alto avanz.)	0.3-2.0	2.00-0.30	●	●							
	<b>0503R-M</b> (65°)	1.0-3.0	0.20-0.07	●	●							
	<b>1006R-M</b> (65°)	1.5-5.0	0.25-0.10	●	●							

●: Standard



# CERAMICSPEED

HARDPART & EXOTIC MATERIALS

**Nuove frese e inserti in ceramica  
SIALON per fresatura ad alta velocità  
di superleghe**



✓ Per superleghe



✓ Geometria per  
alta velocità e alto  
avanzamento



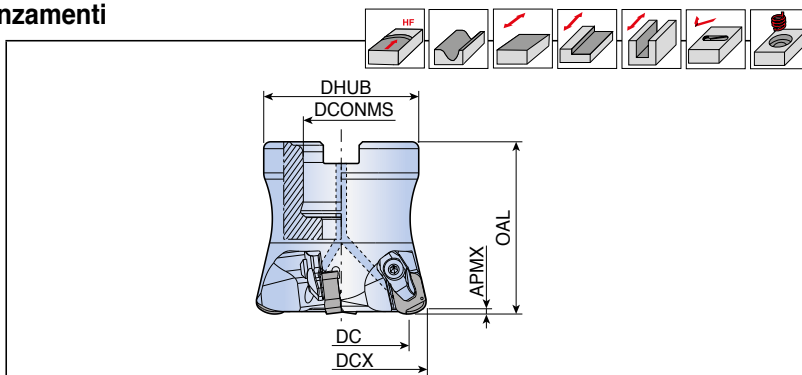
✓ Alta produttività



✓ Ottima evacuazione truciolo

# TFMBN-09CH

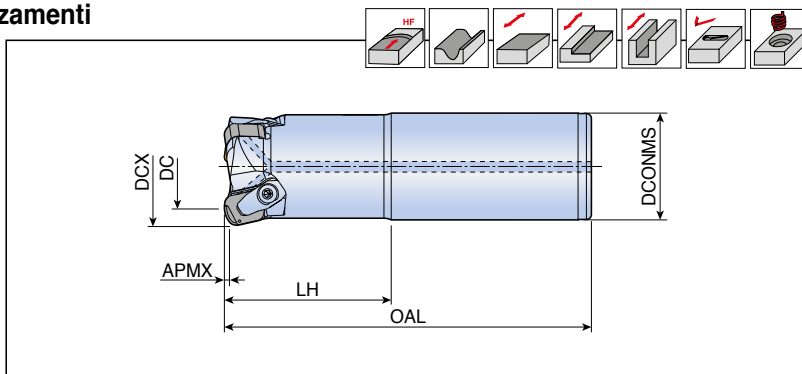
Frese a manicotto per alti avanzamenti



Descrizione	Z	Dimensioni (mm)						Refriger.	Tipo attacco	Kg	Vite di montaggio	Inserto
		DCX	DC	DCONMS	DHUB	OAL	APMX					
<b>TFMBN 440-16R-09CH</b>	4	40	29.4	16	38	40	1.5	●	A	0.2	SH M8x30	BNGX 0904...
<b>350-22R-09CH</b>	3	50	39.4	22	45	40	1.5	●	A	0.5	SH M10x30	
<b>550-22R-09CH</b>	5	50	39.4	22	45	40	1.5	●	A	0.4	SH M10x30	





# TEBN-09CH

Frese cilindriche per alti avanzamenti



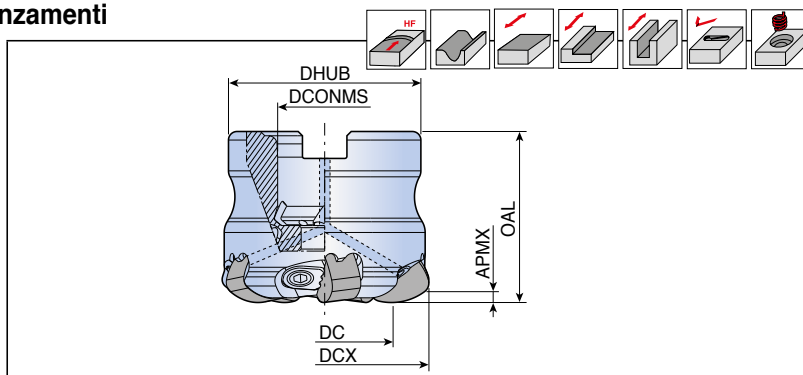
Descrizione	Z	Dimensioni (mm)						Refriger.	Inserto
		DCX	DC	DCONMS	OAL	LH	APMX		
<b>TEBN 225-25-09CH-L100</b>	2	25	14.8	25	100	40	1.5	x	BNGX 0904...
<b>325-25-09CH-L100</b>	3	25	14.8	25	100	40	1.5	x	
<b>332-32-09CH-L120</b>	3	32	21.5	32	120	40	1.5	●	
<b>440-32-09CH-L120</b>	4	40	29.4	32	120	40	1.5	●	

## Ricambi

Descrizione	Staffa	Vite	Anello elastico	Chiave	
<b>TFMBN-09CH</b>	 CCL-3S	 CLS-35A120	 CSR 1.25	 L-W 2	
<b>TEBN-09CH</b>	CCL-3S	CLS-35A120	CSR 1.25	L-W 2	

# TFMBN-12

## Frese a manicotto per alti avanzamenti



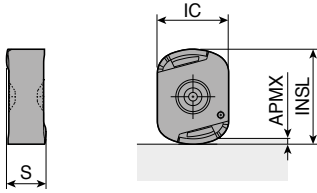
Descrizione		Dimensioni (mm)						Refriger.	Tipo attacco		Vite di montaggio	Inserto
		DCX	DC	DCONMS	DHUB	OAL	APMX					
<b>TFMBN 450-22R-12</b>	4	50	32.8	22	45	40	2.5	●	A	0.3	SH M10x30	BNGX 1207...
<b>550-22R-12</b>	5	50	32.8	22	45	40	2.5	●	A	0.3	SH M10x30	
<b>663-22R-12</b>	6	63	45.7	22	47	40	2.5	●	A	0.4	SH M10x30	
<b>763-22R-12</b>	7	63	45.7	22	47	40	2.5	●	A	0.4	SH M10x30	
<b>780-27R-12</b>	7	80	62.6	27	70	50	2.5	●	A	1.2	SH M12x35	
<b>880-27R-12</b>	8	80	62.6	27	70	50	2.5	●	A	1.2	SH M12x35	

## Ricambi

Descrizione	Cuneo	Vite	Chiave		
<b>TFMBN-12</b>	WFZ 6-C	WS 6	T-W 3		

# BNGX 09

## Inseri per alti avanzamenti



Misura	Dimensioni (mm)				
	INSL	IC	S	APMX	
<b>09</b>	12	9	5	1.5	

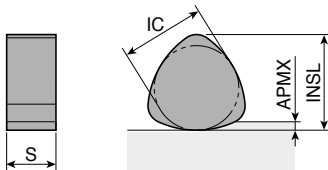
Inserto	Descrizione	Parametri di taglio consigliati		Ceramica		Rivestito						Non rivest.			
		ap (mm)	Avanz. (mm/dente)	TC3030	TC3020	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	K10	
	<b>BNGX 0904 CH-E04</b>	0.5-1.0	0.35-0.15	●											

● E04: Arrotondamento tagliente (Honing) 0.04-0.05 mm

●: Standard

# BNGX 12

## Inseri per alti avanzamenti



Misura	Dimensioni (mm)				
	INSL	IC	S	APMX	
<b>12</b>	13.6	12	7	2.5	

Inserto	Descrizione	Parametri di taglio consigliati		Ceramica		Rivestito						Non rivest.			
		ap (mm)	Avanz. (mm/dente)	TC3030	TC3020	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	K10	
	<b>BNGX 1207-E04</b>	1.0-2.0	0.35-0.15	●											

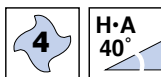
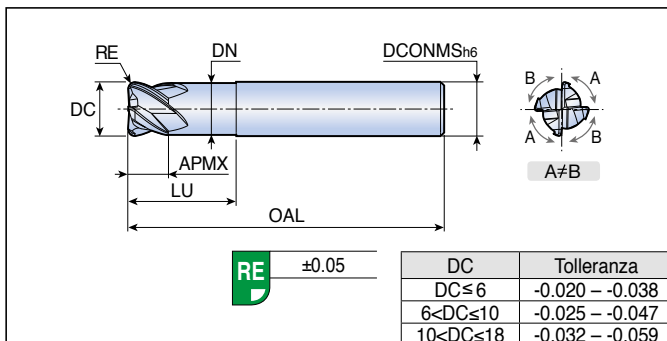
● E04: Arrotondamento tagliente (Honing) 0.04-0.05 mm

●: Standard



# CRF 4

## Fresa in ceramica a 4 eliche

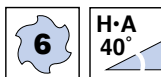
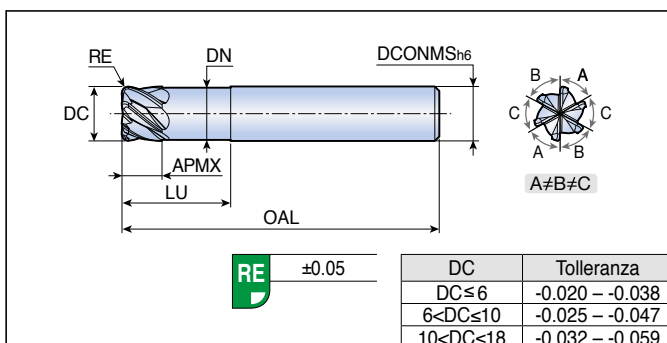


Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TC3030
		DC	RE	OAL	APMX	LU	DN	DCONMS	
<b>CRF 4060 050 120</b>	0.02-0.03	6	0.5	50	4.5	12	5.8	6	●
<b>4080 100 160</b>	0.02-0.03	8	1.0	57	6.0	16	7.7	8	●
<b>4100 100 200</b>	0.02-0.04	10	1.0	63	7.5	20	9.6	10	●
<b>4120 150 240</b>	0.03-0.05	12	1.5	70	9.0	24	11.5	12	●
<b>4160 200 320</b>	0.03-0.05	16	2.0	83	12.0	32	15.5	16	●

●: Standard

# CRF 6

## Fresa in ceramica a 6 eliche

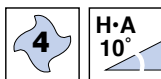
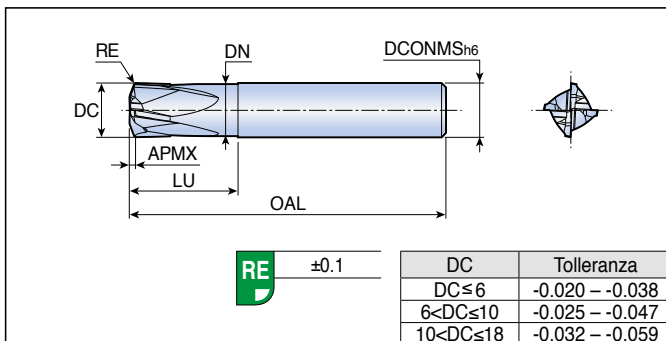


Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TC3030
		DC	RE	OAL	APMX	LU	DN	DCONMS	
<b>CRF 6060 050 120</b>	0.02-0.03	6	0.5	50	4.5	12	5.8	6	●
<b>6080 100 160</b>	0.02-0.03	8	1.0	57	6.0	16	7.7	8	●
<b>6100 100 200</b>	0.02-0.04	10	1.0	63	7.5	20	9.6	10	●
<b>6120 150 240</b>	0.03-0.05	12	1.5	70	9.0	24	11.5	12	●
<b>6160 200 320</b>	0.03-0.05	16	2.0	83	12.0	32	15.5	16	●

●: Standard

# CRH 4

## Fresa in ceramica a 4 eliche per alti avanzamenti



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TC3030
		DC	RE	OAL	APMX	LU	DN	DCONMS	
<b>CRH 4060</b>	0.1-0.15	6	0.7	50	0.55	12	5.8	6	●
<b>4080</b>	0.1-0.2	8	0.9	57	0.75	16	7.7	8	●
<b>4100</b>	0.1-0.2	10	1.0	63	0.85	20	9.6	10	●
<b>4120</b>	0.1-0.3	12	1.4	70	1.15	24	11.5	12	●
<b>4160</b>	0.1-0.3	16	1.8	83	1.55	32	15.5	16	●

• RE: Raggio di programmazione R

●: Standard



# MAXISLOT

INDEXABLE SOLID HEADS

**Testina di fresatura in carburo  
intercambiabile**  
per scanalatura, spianatura  
e filettatura



✓ Senza tempo di set-up grazie al cambio rapido



✓ Alta produttività grazie al numero di denti



✓ Svariate applicazioni



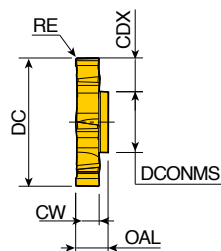
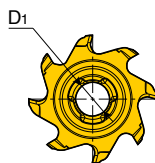
✓ Ottima evacuazione truciolo



✓ Minima lunghezza fresa per maggiore rigidità



## Testine intercambiabili in carburo per scanalatura



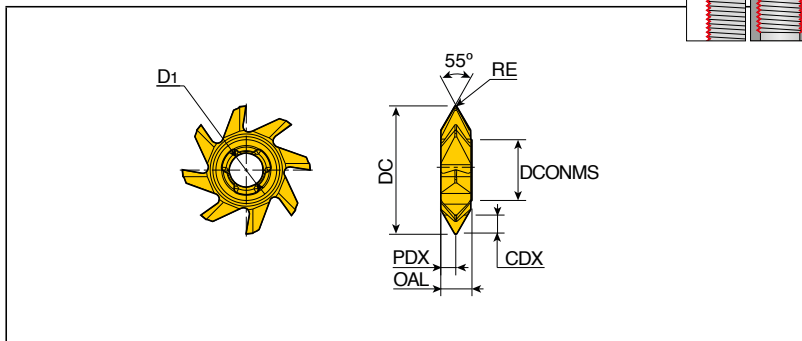
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)								Grado TT5525
		DC	CW	CDX	NOF	RE	D <sub>1</sub>	DCONMS	OAL	
<b>TR13-S- 24.7-3.0R0.4</b>	0.02-0.15	24.7	3	5.5	6	0.4	7.5	13	8	●
<b>24.7-4.0R0.4</b>	0.02-0.15	24.7	4	5.5	6	0.4	7.5	13	8	●
<b>24.7-5.0R0.4</b>	0.02-0.15	24.7	5	5.5	6	0.4	7.5	13	8	●
<b>24.7-6.0R0.4</b>	0.02-0.15	24.7	6	5.5	6	0.4	7.5	13	8	●
<b>24.7-7.0R0.4</b>	0.02-0.15	24.7	7	5.5	6	0.4	7.5	13	8	●
<b>24.7-8.0R0.4</b>	0.02-0.15	24.7	8	5.5	6	0.4	7.5	13	8	●
<b>TR15-S- 31.7-3.0R0.4</b>	0.022-0.18	31.7	3	8	8	0.4	8.4	15	8	●
<b>31.7-4.0R0.4</b>	0.022-0.18	31.7	4	8	8	0.4	8.4	15	8	●
<b>31.7-5.0R0.4</b>	0.022-0.18	31.7	5	8	8	0.4	8.4	15	8	●
<b>31.7-6.0R0.4</b>	0.022-0.18	31.7	6	8	8	0.4	8.4	15	8	●
<b>31.7-7.0R0.4</b>	0.022-0.18	31.7	7	8	8	0.4	8.4	15	8	●
<b>31.7-8.0R0.4</b>	0.022-0.18	31.7	8	8	8	0.4	8.4	15	8	●
<b>TR17-S- 39.7-4.0R0.4</b>	0.025-0.20	39.7	4	11	10	0.4	9.8	17	10	●
<b>39.7-5.0R0.4</b>	0.025-0.20	39.7	5	11	10	0.4	9.8	17	10	●
<b>39.7-6.0R0.4</b>	0.025-0.20	39.7	6	11	10	0.4	9.8	17	10	●
<b>39.7-7.0R0.4</b>	0.025-0.20	39.7	7	11	10	0.4	9.8	17	10	●
<b>39.7-8.0R0.4</b>	0.025-0.20	39.7	8	11	10	0.4	9.8	17	10	●
<b>39.7-9.0R0.4</b>	0.025-0.20	39.7	9	11	10	0.4	9.8	17	10	●
<b>39.7-10.0R0.4</b>	0.025-0.20	39.7	10	11	10	0.4	9.8	17	10	●

● NOF: Numero di eliche

●: Standard

# TR-T-W55

Testine intercambiabili in carburo per filettatura a 55° profilo parziale



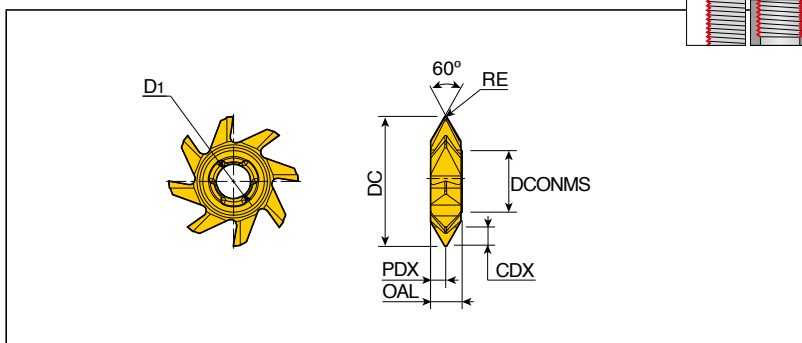
Descrizione	TPI	Dimensioni (mm)										Grado TT5525
		DC	DMIN	PDX	RE	D <sub>1</sub>	CDX	OAL	ZEFP	DCONMS		
<b>TR13-T-24.7-W55-3T</b>	5-3	24.7	36	2.2	0.5	7.5	3.5	7.7	6	13	●	
<b>15-T-31.7-W55-4T</b>	6-4	31.7	46	3.7	0.5	8.4	4.7	7.7	8	15	●	
<b>17-T-39.7-W55-3T</b>	4-3	39.7	57	4.5	0.8	9.8	6.2	9.5	10	17	●	

- TPI: Filetti per pollice
- ZEFP: Numero di denti effettivi

●: Standard

# TR-T-M60

Testine intercambiabili in carburo per filettatura a 60° profilo parziale

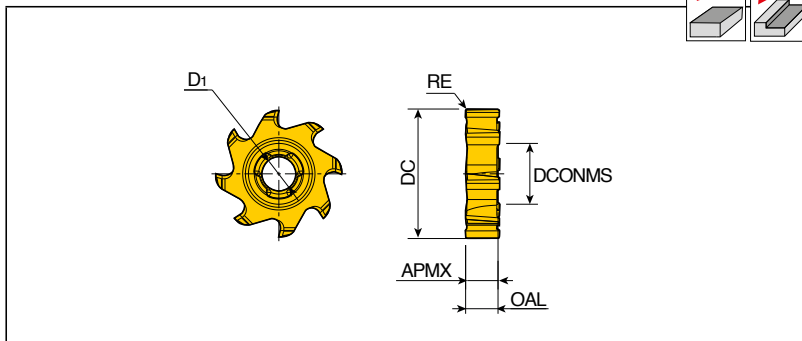


Descrizione	TPI		Dimensioni (mm)										Grado TT5525
	TP(mm)	TPI	DC	DMIN	PDX	RE	D <sub>1</sub>	CDX	OAL	ZEFP	DCONMS		
<b>TR13-T-24.7-M60-5P</b>	3-5	5-3	24.7	36	2.2	0.2	7.5	3.5	7.7	6	13	●	
<b>15-T-31.7-M60-6P</b>	4-6	6-4	31.7	46	3.7	0.3	8.4	4.7	7.7	8	15	●	
<b>17-T-39.7-M60-8P</b>	6-8	4-3	39.7	57	4.5	0.4	9.8	6.2	9.5	10	17	●	

- TP: Passi filetti, TPI: Filetti per pollici
- ZEFP: Numero di denti effettivi

●: Standard

## Testine intercambiabili in carburo per spianatura



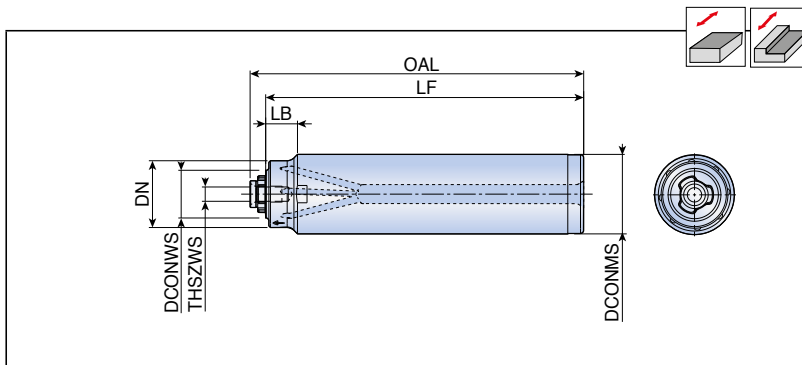
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado
		DC	APMX	NOF	RE	D <sub>1</sub>	DCONMS	OAL	TT5525
<b>TR13-F-25-8.0-R0.4</b>	0.04-0.15	24.25	8	6	0.4	7.5	13	8	●
<b>15-F-32-8.0-R0.4</b>	0.04-0.15	31.25	8	8	0.4	8.4	15	8	●
<b>17-F-40-10.0-R0.4</b>	0.04-0.15	39.25	10	10	0.4	9.8	17	10	●

• NOF: Numero di eliche

●: Standard

# TR-F-C

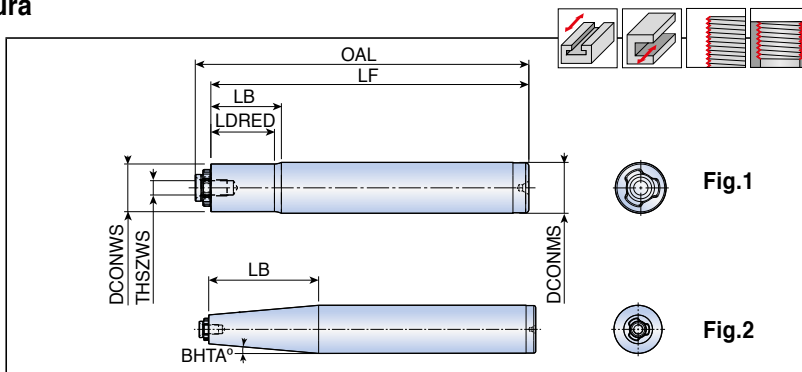
## Steli per spianatura



Descrizione	Dimensioni (mm)							Refriger.	Inserto
	DCONMS	DCONWS	LB	LF	OAL	THSZWS	DN		
<b>TR13-20-L100-F-C</b>	20	13	10	100	104.35	M4x0.5	16	●	TR-F.....
<b>13-25-L100-F-C</b>	25	13	12.5	100	104.35	M4x0.5	16	●	
<b>15-25-L100-F-C</b>	25	15	10	100	104.90	M5x0.5	21	●	
<b>15-32-L110-F-C</b>	32	15	13.5	110	114.90	M5x0.5	21	●	
<b>17-32-L140-F-C</b>	32	17	10	140	146.00	M6x0.5	28	●	
<b>17-42-L140-F-C</b>	42	17	15	140	146.00	M6x0.5	28	●	

# TR

## Steli per scanalatura e filettatura



Descrizione	Dimensioni (mm)								Refriger.	Fig.	Inserto
	DCONMS	DCONWS	LB	LF	OAL	THSZWS	LDRED	BHTA°			
<b>TR13-16-L100</b>	16	13	16.6	100	104.35	M4x0.5	13.0	-	x	1	TR-S.. TR-T..
<b>15-16-L100</b>	16	15	18.2	100	104.90	M5x0.5	16.0	-	x	1	
<b>15-16-L130</b>	16	15	18.2	130	134.90	M5x0.5	16.0	-	x	1	
<b>17-20-L140</b>	20	17	23.8	140	146.00	M6x0.5	20.2	-	x	1	
<b>15-25-TC170</b>	25	15	57.2	170	174.90	M5x0.5	-	5	x	2	

## Ricambi

Descrizione	Vite	Chiave	Manico chiave		
<b>TR13</b>	TS 40T098/HG-P	BLD IP15/S7	SW6-T		
<b>TR15</b>	TS 50T110/HG-P	BLD IP20/S7	SW6-T		
<b>TR17</b>	TS 60T130/HG-P	BLD IP20/S7	SW6-T		



# MAXIRUSH

INDEXABLE SOLID HEADS

## Nuove testine di fresatura intercambiabili



✓ Senza tempo di set-up grazie al sistema di attacco



✓ Soluzione economica



✓ Molteplici applicazioni



✓ Doppio sistema di bloccaggio forte e preciso



✓ Nuovo rivestimento blu elettrico



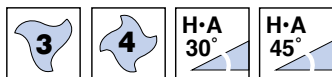
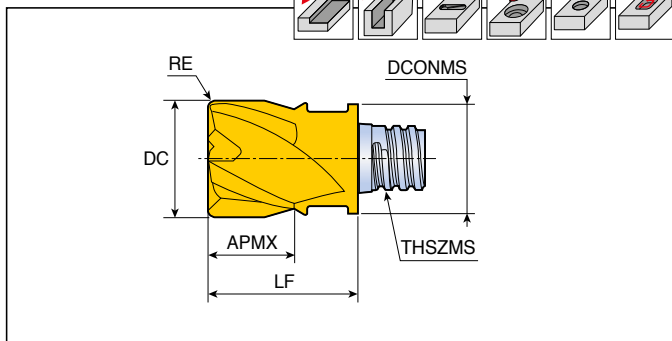
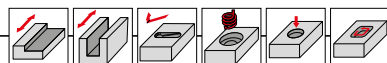
**TaeguTec**  
Member IMC Group



# MXEE(D)-03/04



3 e 4 eliche per uso generico



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)									Grado TT5523
		DC	NOF	RE	FHA	APMX	THSZMS	DCONMS	LF		
<b>MXEE 080L05R00-03S05</b>	0.030-0.080	8	3	-	45	5	S05	7.7	10	●	
<b>MXEE 100L07R00-03S06</b>	0.035-0.090	10	3	-	45	7	S06	9.7	13	●	
<b>MXEE 120L09R00-03S08</b>	0.035-0.110	12	3	-	45	9	S08	11.7	16.5	●	
<b>MXEE 060L05R00-04S05</b>	0.025-0.060	6	4	-	45	5	S05	8	10	●	
<b>MXEE 080L05R00-04S05</b>	0.030-0.080	8	4	-	45	5	S05	7.7	10	●	
<b>MXED 080L05R05-04S05</b>	0.030-0.080	8	4	0.5	30	5	S05	7.7	10	●	
<b>MXED 080L05R10-04S05</b>	0.030-0.080	8	4	1.0	30	5	S05	7.7	10	●	
<b>MXED 080L05R15-04S05</b>	0.030-0.080	8	4	1.5	30	5	S05	7.7	10	●	
<b>MXEE 100L07R00-04S06</b>	0.035-0.090	10	4	-	45	7	S06	9.7	13	●	
<b>MXED 100L07R05-04S06</b>	0.035-0.090	10	4	0.5	30	7	S06	9.7	13	●	
<b>MXEE 100L07R05-04S06</b>	0.035-0.090	10	4	0.5	45	7	S06	9.7	13	●	
<b>MXED 100L07R10-04S06</b>	0.035-0.090	10	4	1.0	30	7	S06	9.7	13	●	
<b>MXEE 100L07R10-04S06</b>	0.035-0.090	10	4	1.0	45	7	S06	9.7	13	●	
<b>MXEE 120L09R00-04S08</b>	0.035-0.110	12	4	-	45	9	S08	11.7	16.5	●	
<b>MXED 120L09R05-04S08</b>	0.035-0.110	12	4	0.5	30	9	S08	11.7	16.5	●	
<b>MXEE 120L09R05-04S08</b>	0.035-0.110	12	4	0.5	45	9	S08	11.7	16.5	●	
<b>MXED 120L09R10-04S08</b>	0.035-0.110	12	4	1.0	30	9	S08	11.7	16.5	●	
<b>MXEE 120L09R10-04S08</b>	0.035-0.110	12	4	1.0	45	9	S08	11.7	16.5	●	
<b>MXEE 160L12R00-04S10</b>	0.040-0.130	16	4	-	45	12	S10	15.3	20.5	●	
<b>MXED 160L12R05-04S10</b>	0.040-0.130	16	4	0.5	30	12	S10	15.3	20.5	●	
<b>MXEE 160L12R05-04S10</b>	0.040-0.130	16	4	0.5	45	12	S10	15.3	20.5	●	
<b>MXED 160L12R10-04S10</b>	0.040-0.130	16	4	1.0	30	12	S10	15.3	20.5	●	
<b>MXEE 160L12R10-04S10</b>	0.040-0.130	16	4	1.0	45	12	S10	15.3	20.5	●	
<b>MXED 160L12R15-04S10</b>	0.040-0.130	16	4	1.5	30	12	S10	15.3	20.5	●	
<b>MXEE 160L12R15-04S10</b>	0.040-0.130	16	4	1.5	45	12	S10	15.3	20.5	●	
<b>MXED 160L12R20-04S10</b>	0.040-0.130	16	4	2.0	30	12	S10	15.3	20.5	●	
<b>MXEE 160L12R20-04S10</b>	0.040-0.130	16	4	2.0	45	12	S10	15.3	20.5	●	
<b>MXEE 160L12R30-04S10</b>	0.040-0.130	16	4	3.0	45	12	S10	15.3	20.5	●	
<b>MXEE 160L12R40-04S10</b>	0.040-0.130	16	4	4.0	45	12	S10	15.3	20.5	●	
<b>MXEE 200L15R00-04S12</b>	0.050-0.150	20	4	-	45	15	S12	18.3	25.5	●	
<b>MXED 200L15R05-04S12</b>	0.050-0.150	20	4	0.5	30	15	S12	18.3	25.5	●	
<b>MXED 200L15R10-04S12</b>	0.050-0.150	20	4	1.0	30	15	S12	18.3	25.5	●	
<b>MXED 200L15R20-04S12</b>	0.050-0.150	20	4	2.0	30	15	S12	18.3	25.5	●	
<b>MXED 200L15R30-04S12</b>	0.050-0.150	20	4	3.0	30	15	S12	18.3	25.5	●	

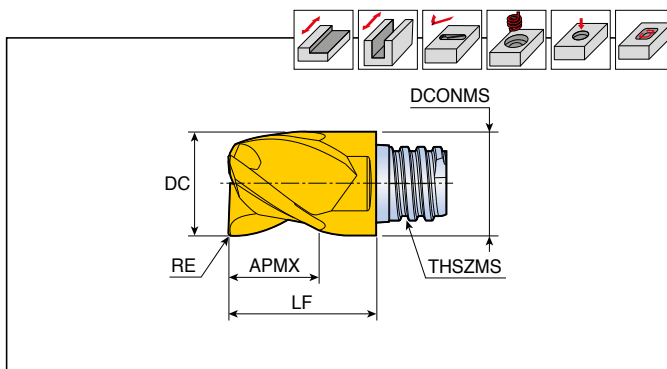
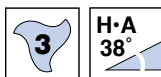
- NOF : Numero di eliche
- FHA : Angolo d'elica

●: Standard

# MXEE-03



3 eliche per sgrossatura di chiavette



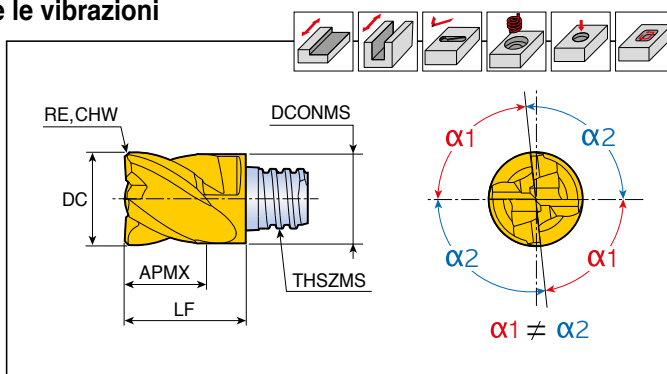
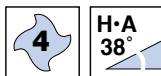
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado TT5523
		DC	RE	APMX	THSZMS	DCONMS	LF	
<b>MXEE 077L04R02-03S05</b>	0.030-0.080	7.7	0.2	4	S05	7.7	10	●
<b>097L05R03-03S06</b>	0.035-0.090	9.7	0.3	5	S06	9.7	13	●
<b>117L07R03-03S08</b>	0.035-0.110	11.7	0.3	7	S08	11.7	16.5	●
<b>157L08R03-03S10</b>	0.040-0.130	15.7	0.3	8	S10	15.3	20.5	●
<b>197L12R04-03S12</b>	0.050-0.150	19.7	0.4	12	S12	18.3	25.5	●

●: Standard

# MXEE-104



Eliche a passo differenziato per eliminare le vibrazioni



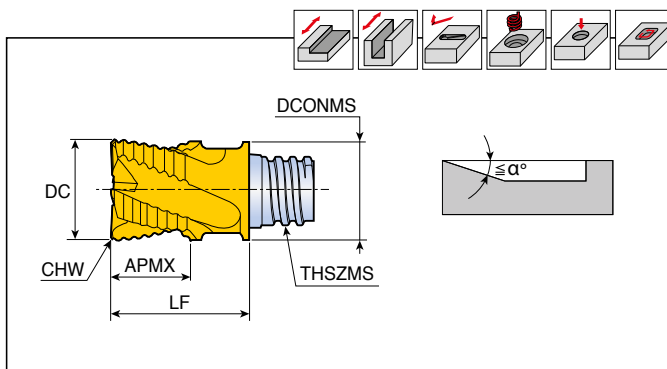
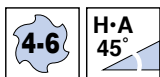
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5523
		DC	RE	CHW	APMX	THSZMS	DCONMS	LF	
<b>MXEE 080L05C30I04S05</b>	0.030-0.080	8	-	0.3	5	S05	7.7	10	●
<b>100L07C40I04S06</b>	0.035-0.090	10	-	0.4	7	S06	9.7	13	●
<b>120L09C50I04S08</b>	0.035-0.110	12	-	0.5	9	S08	11.7	16.5	●
<b>160L12C60I04S10</b>	0.040-0.130	16	-	0.6	12	S10	15.3	20.5	●
<b>200L15C60I04S12</b>	0.050-0.150	20	-	0.6	15	S12	18.3	25.5	●
<b>250L22C60I04S15</b>	0.060-0.170	25	-	0.6	22	S15	23.9	37	●
<b>250L22R00I04S15</b>	0.060-0.170	25	-	-	22	S15	23.9	37	●
<b>250L22R05I04S15</b>	0.060-0.170	25	0.5	-	22	S15	23.9	37	●
<b>250L22R10I04S15</b>	0.060-0.170	25	1.0	-	22	S15	23.9	37	●
<b>250L22R20I04S15</b>	0.060-0.170	25	2.0	-	22	S15	23.9	37	●
<b>250L22R30I04S15</b>	0.060-0.170	25	3.0	-	22	S15	23.9	37	●

●: Standard

# MXEE-R



## 4-6 eliche per sgrossatura



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)								Grado TT5523
		DC	NOF	APMX	CHW	THSZMS	DCONMS	LF	$\alpha^\circ$	
<b>MXEE 080L05C25R04S05</b>	0.030-0.080	8	4	5	0.25	S05	7.7	10	90	●
<b>100L07C30R04S06</b>	0.035-0.090	10	4	7	0.30	S06	9.7	13	90	●
<b>120L09C35R04S08</b>	0.035-0.110	12	4	9	0.35	S08	11.7	16.5	90	●
<b>160L12C40R05S10</b>	0.040-0.130	16	5	12	0.40	S10	15.3	20.5	7	●
<b>200L15C40R06S12</b>	0.050-0.150	20	6	15	0.40	S12	18.3	25.5	3	●
<b>250L22C50R06S15</b>	0.060-0.170	25	6	22	0.50	S15	23.9	37	3	●

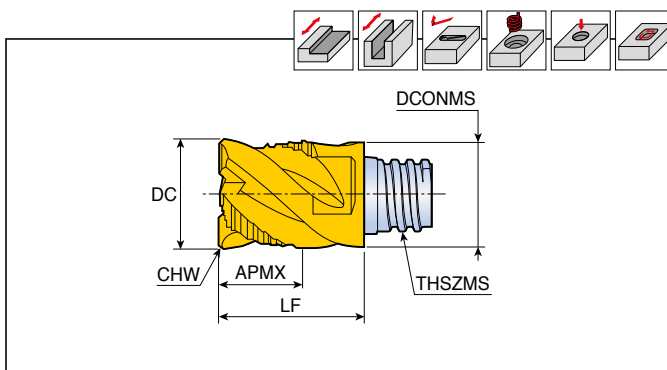
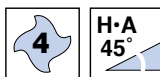
● NOF : Numero di eliche

●: Standard

# MXEE-C04



## 4 eliche: 2 di sgrossatura e 2 di finitura



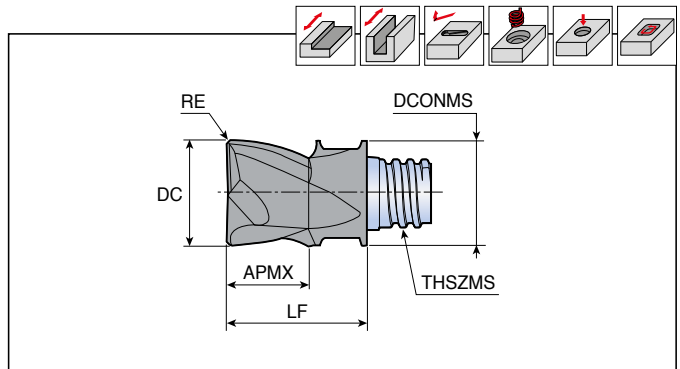
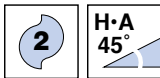
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado TT5523
		DC	APMX	CHW	THSZMS	DCONMS	LF	
<b>MXEE 080L05C30C04S05</b>	0.030-0.080	8	5	0.3	S05	7.7	10	●
<b>100L07C30C04S06</b>	0.035-0.090	10	7	0.3	S06	9.7	13	●
<b>120L09C40C04S08</b>	0.035-0.110	12	9	0.4	S08	11.7	16.5	●
<b>160L12C60C04S10</b>	0.040-0.130	16	12	0.6	S10	15.3	20.5	●
<b>200L15C60C04S12</b>	0.050-0.150	20	15	0.6	S12	18.3	25.5	●
<b>250L22C60C04S15</b>	0.060-0.170	25	22	0.6	S15	23.9	37	●

●: Standard

# MXEE-A02



2 eliche per lavorazione di alluminio



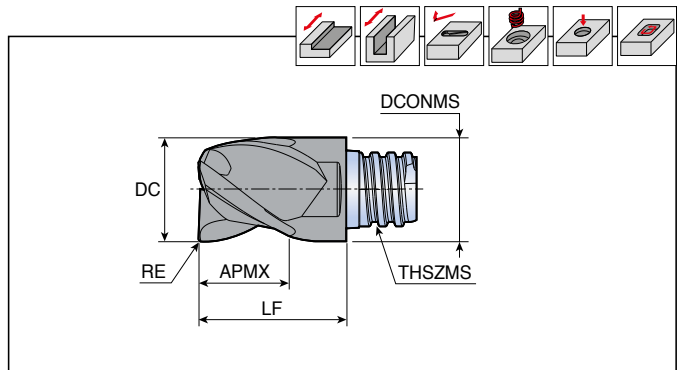
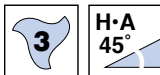
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado UF10
		DC	RE	APMX	THSZMS	DCONMS	LF	
<b>MXEE 100L07R05A02S06</b>	0.035-0.090	10	0.5	7	S06	9.7	13	●
<b>100L07R10A02S06</b>	0.035-0.090	10	1.0	7	S06	9.7	13	●
<b>120L09R05A02S08</b>	0.035-0.110	12	0.5	9	S08	11.7	16.5	●

●: Standard

# MXEE-A03



3 eliche per lavorazione di alluminio



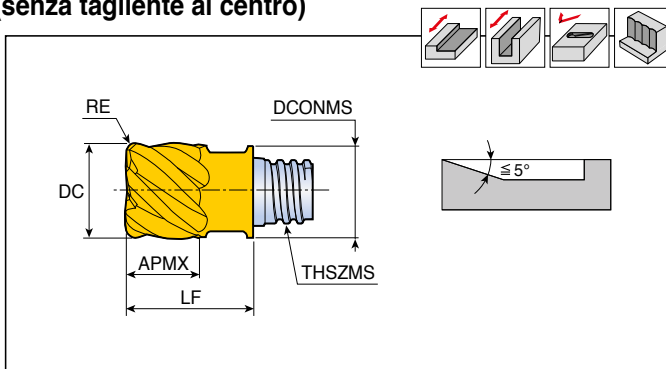
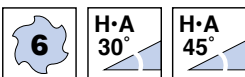
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado UF10
		DC	RE	APMX	THSZMS	DCONMS	LF	
<b>MXEE 080L05R05A03S05</b>	0.030-0.080	8	0.5	5	S05	7.7	10	●
<b>100L06R05A03S06</b>	0.035-0.090	10	0.5	6	S06	9.7	13	●
<b>100L06R10A03S06</b>	0.035-0.090	10	1.0	6	S06	9.7	13	●
<b>120L08R05A03S08</b>	0.035-0.110	12	0.5	8	S08	11.7	16.5	●
<b>120L08R10A03S08</b>	0.035-0.110	12	1.0	8	S08	11.7	16.5	●
<b>160L10R00A03S10</b>	0.040-0.130	16	-	10	S10	15.3	20.5	●
<b>160L10R10A03S10</b>	0.040-0.130	16	1.0	10	S10	15.3	20.5	●
<b>160L10R20A03S10</b>	0.040-0.130	16	2.0	10	S10	15.3	20.5	●
<b>200L12R05A03S12</b>	0.050-0.150	20	0.5	12	S12	18.3	25.5	●
<b>200L12R10A03S12</b>	0.050-0.150	20	1.0	12	S12	18.3	25.5	●
<b>200L12R20A03S12</b>	0.050-0.150	20	2.0	12	S12	18.3	25.5	●

●: Standard

# MXEE(D)-06



6 eliche per materiali difficili da lavorare (senza tagliente al centro)



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5523
		DC	RE	FHA	APMX	THSZMS	DCONMS	LF	
<b>MXEE 080L05R05-06S05</b>	0.030-0.080	8	0.5	45	5	S05	7.7	10	●
<b>MXEE 080L05R10-06S05</b>	0.030-0.080	8	1.0	45	5	S05	7.7	10	●
<b>MXED 100L07R05-06S06</b>	0.035-0.090	10	0.5	30	7	S06	9.7	13	●
<b>MXED 100L07R10-06S06</b>	0.035-0.090	10	1.0	30	7	S06	9.7	13	●
<b>MXEE 100L07R05-06S06</b>	0.035-0.090	10	0.5	45	7	S06	9.7	13	●
<b>MXEE 100L07R10-06S06</b>	0.035-0.090	10	1.0	45	7	S06	9.7	13	●
<b>MXEE 100L07R15-06S06</b>	0.035-0.090	10	1.5	45	7	S06	9.7	13	●
<b>MXED 120L09R05-06S08</b>	0.035-0.110	12	0.5	30	9	S08	11.7	16.5	●
<b>MXEE 120L09R00-06S08</b>	0.035-0.110	12	-	45	9	S08	11.7	16.5	●
<b>MXEE 120L09R10-06S08</b>	0.035-0.110	12	1.0	45	9	S08	11.7	16.5	●
<b>MXEE 120L09R15-06S08</b>	0.035-0.110	12	1.5	45	9	S08	11.7	16.5	●

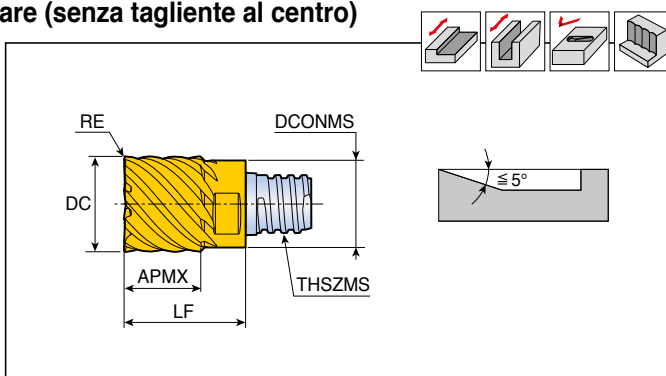
● FHA : Angolo d'elica

● : Standard

# MXED-08/10



8 - 10 eliche per materiali difficili da lavorare (senza tagliente al centro)



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5523
		DC	NOF	RE	APMX	THSZMS	DCONMS	LF	
<b>MXED 160L12R05-08S10</b>	0.040-0.130	16	8	0.5	12	S10	15.3	20.5	●
<b>160L12R10-08S10</b>	0.040-0.130	16	8	1.0	12	S10	15.3	20.5	●
<b>160L12R20-08S10</b>	0.040-0.130	16	8	2.0	12	S10	15.3	20.5	●
<b>200L15R10-10S12</b>	0.050-0.150	20	10	1.0	15	S12	18.3	25.5	●
<b>200L15R20-10S12</b>	0.050-0.150	20	10	2.0	15	S12	18.3	25.5	●
<b>250L22R10-10S15</b>	0.060-0.170	25	10	1.0	22	S15	23.9	37	●
<b>250L22R20-10S15</b>	0.060-0.170	25	10	2.0	22	S15	23.9	37	●

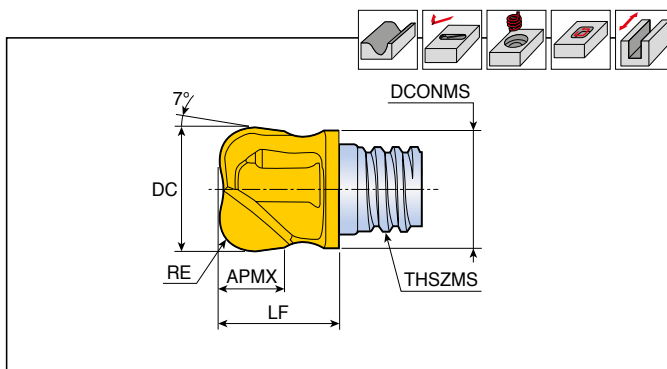
● NOF : Numero di eliche

● : Standard

# MXRB-02



2 eliche stampate, con 7° di spoglia



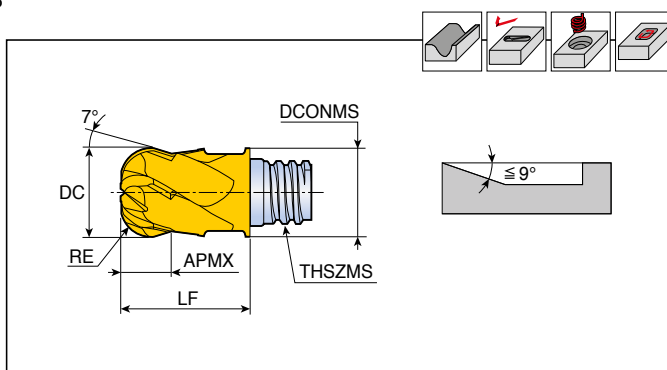
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado
		DC	RE	APMX	THSZMS	DCONMS	LF	TT5523
<b>MXRB 200L11R50-02S12</b>	0.05-0.150	20	5	11.3	S12	18.3	17.3	●

●: Standard

# MXRD-06



6 eliche rettificate con rastremazione a 7°



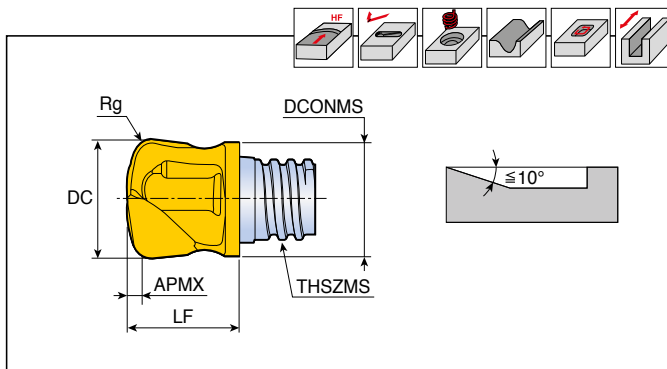
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado
		DC	RE	APMX	THSZMS	DCONMS	LF	TT5523
<b>MXRD 080L04R20-06S05</b>	0.030-0.080	8	2	4	S05	7.7	10	●
<b>100L05R30-06S06</b>	0.035-0.090	10	3	5	S06	9.7	13	●
<b>120L07R40-06S08</b>	0.035-0.110	12	4	7	S08	11.7	16.5	●
<b>160L09R50-06S10</b>	0.040-0.130	16	5	9	S10	15.3	20.5	●

●: Standard

# MXFX-02



2 eliche per alti avanzamenti



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado
		DC	Rg	APMX	THSZMS	DCONMS	LF	TT5523
<b>MXFX 100L0.6R20-02S06</b>	0.035-0.090	10	2.0	0.6	S06	9.6	12.5	●
<b>120L01R25-02S08</b>	0.035-0.110	12	2.5	1.0	S08	11.5	11.1	●
<b>160L1.1R30-02S10</b>	0.040-0.130	16	3.0	1.1	S10	15.2	20	●

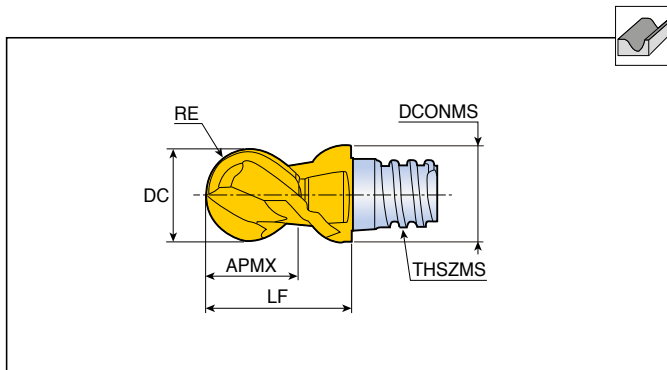
● Rg : Raggio di programmazione

●: Standard

# MXBD-BG-02



2 eliche per lavorazione di precisione



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado
		DC	RE	APMX	THSZMS	DCONMS	LF	TT5523
<b>MXBD 080L05-BG-02S05</b>	0.030-0.080	8	3.982 <sup>(1)</sup>	5	S05	7.7	10	●
<b>100L07-BG-02S06</b>	0.035-0.090	10	4.982 <sup>(1)</sup>	7	S06	9.7	13	●
<b>120L09-BG-02S08</b>	0.035-0.110	12	5.978 <sup>(2)</sup>	9	S08	11.7	16.5	●
<b>160L09-BG-02S10</b>	0.040-0.130	16	7.978 <sup>(2)</sup>	9	S10	15.3	20.5	●

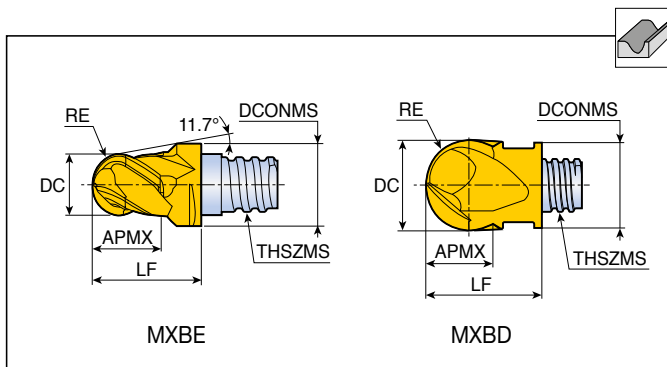
● RE Tolleranza : <sup>(1)</sup> ± 0.01, <sup>(2)</sup> ± 0.012

●: Standard

# MXBD(E)-BG-04



4 eliche per lavorazione di precisione



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5523
		DC	RE	FHA	APMX	THSZMS	DCONMS	LF	
<b>MXBE 060L05-BG-04S05</b>	0.025-0.060	6	2.987 <sup>(1)</sup>	38	5.5	S05	8.0	10	●
<b>MXBD 080L05-BG-04S05</b>	0.030-0.080	8	3.982 <sup>(1)</sup>	30	5	S05	7.7	10	●
<b>100L07-BG-04S06</b>	0.035-0.090	10	4.982 <sup>(1)</sup>	30	7	S06	9.7	13	●
<b>120L09-BG-04S08</b>	0.035-0.110	12	5.978 <sup>(2)</sup>	30	9	S08	11.7	16.5	●
<b>160L12-BG-04S10</b>	0.040-0.130	16	7.978 <sup>(2)</sup>	30	12	S10	15.3	20.5	●
<b>200L15-BG-04S12</b>	0.050-0.150	20	9.972 <sup>(2)</sup>	30	15	S12	18.3	25.5	●
<b>250L22-BG-04S15</b>	0.060-0.170	25	12.470 <sup>(3)</sup>	30	22	S15	23.9	37	●

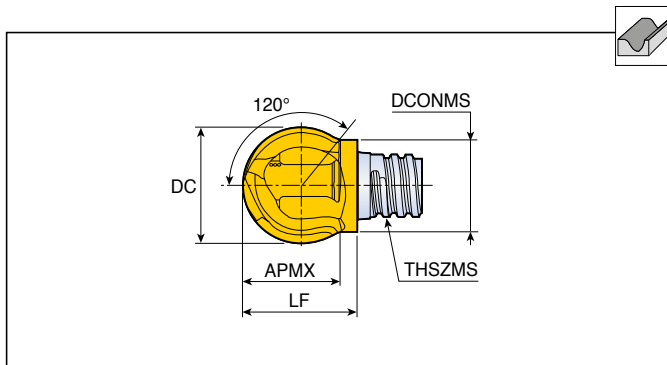
- RE Tolleranza : <sup>(1)</sup> ± 0.01, <sup>(2)</sup> ± 0.012, <sup>(3)</sup> ± 0.02
- FHA : Angolo d'elica

● Standard

# MXBB-SG-02



2 eliche, sferica



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)					Grado TT5523
		DC	APMX	THSZMS	DCONMS	LF	
<b>MXBB 120L09-SG-02S06</b>	0.035-0.110	12	9.0	S06	9.5	11.6	●

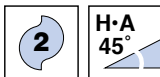
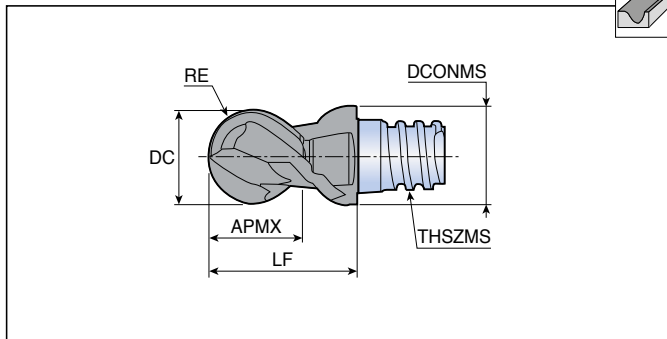
● Standard



# MXBE-BGA02



2 eliche, per lavorazione di alluminio



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)						Grado UF10
		DC	RE	APMX	THSZMS	DCONMS	LF	
<b>MXBE 080L05-BGA02S05</b>	0.030-0.080	8	3.982 <sup>(1)</sup>	5	S05	7.7	10	●
<b>100L07-BGA02S06</b>	0.035-0.090	10	4.982 <sup>(1)</sup>	7	S06	9.7	13	●
<b>120L09-BGA02S08</b>	0.035-0.110	12	5.987 <sup>(2)</sup>	9	S08	11.7	16.5	●
<b>160L12-BGA02S10</b>	0.040-0.130	16	7.978 <sup>(2)</sup>	12	S10	15.3	20.5	●
<b>200L15-BGA02S12</b>	0.050-0.150	20	9.972 <sup>(2)</sup>	15	S12	18.3	25.5	●

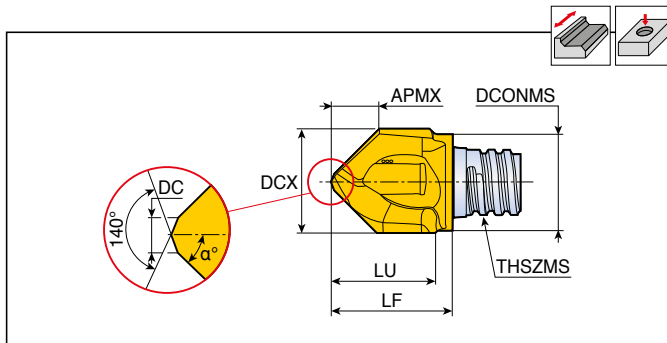
• RE Tolleranza: <sup>(1)</sup> ± 0.01, <sup>(2)</sup> ± 0.012

●: Standard

# MXCP-02



2 eliche per centrini, smussi e svasature

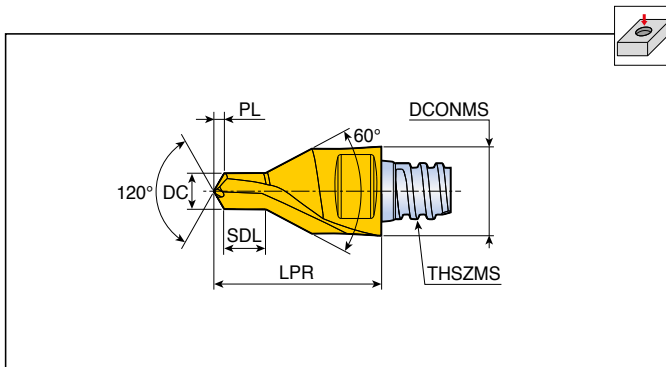


Descrizione	Avanz. (mm/dente)	Dimensioni (mm)								Grado TT5523
		DCX	DC	APMX	THSZMS	DCONMS	LU	LF	α°	
<b>MXCP 100L09A30-02S06</b>	0.035-0.090	10	1.5	7.5	S06	9.5	8.5	11.75	30	●
<b>120L12A30-02S08</b>	0.035-0.110	12	1.5	9.2	S08	11.5	11	15.4	30	●
<b>160L15A30-02S10</b>	0.040-0.130	16	2.5	12	S10	15.2	16	20.2	30	●
<b>080L07A45-02S05</b>	0.030-0.080	8	1.0	3.7	S05	7.6	7.5	9.75	45	●
<b>083L07A45-02S05</b>	0.030-0.080	8.3	1.0	3.8	S05	7.6	7.5	10	45	●
<b>100L09A45-02S06</b>	0.035-0.090	10	1.5	4.4	S06	9.5	9.5	11.75	45	●
<b>104L09A45-02S06</b>	0.035-0.090	10.4	1.5	4.6	S06	9.5	9.5	11.75	45	●
<b>120L12A45-02S08</b>	0.035-0.110	12	1.5	5.4	S08	11.5	11.5	15.4	45	●
<b>124L12A45-02S08</b>	0.035-0.110	12.4	1.5	5.6	S08	11.5	11.5	15.4	45	●
<b>160L15A45-02S10</b>	0.040-0.130	16	1.5	7.1	S10	15.2	15	18.8	45	●
<b>165L15A45-02S10</b>	0.040-0.130	16.5	1.5	7.1	S10	15.2	15	18.8	45	●
<b>100L09A60-02S06</b>	0.035-0.090	10	1.5	2.7	S06	9.5	9.5	12.7	60	●
<b>120L12A60-02S08</b>	0.035-0.110	12	1.5	3.3	S08	11.5	11.5	15.2	60	●
<b>160L15A60-02S10</b>	0.040-0.130	16	1.5	4.4	S10	15.2	16	19.9	60	●

●: Standard

# MXDP-02

2 eliche per centrini



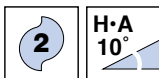
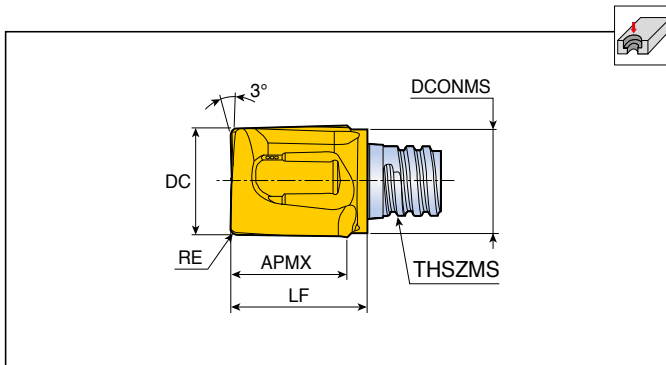
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5523
		DC	PL	SDL	THSZMS	DCONMS	LPR		
<b>MXDP 328L04A30-02S05</b>	0.04-0.08	3.28	0.85	3.75	S05	8	15	●	
<b>412L05A30-02S06</b>	0.05-0.10	4.12	1.07	4.83	S06	10	19	●	
<b>513L07A30-02S08</b>	0.05-0.12	5.13	1.32	5.88	S08	12	23	●	
<b>646L08A30-02S10</b>	0.06-0.15	6.46	1.65	7.25	S10	16	28	●	

● SDL : Profondità centrino

●: Standard

# MXGC-02

2 eliche per svasatura



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5523
		DC	RE	APMX	THSZMS	DCONMS	LF		
<b>MXGC 080L08R04-02S05</b>	0.030-0.080	8	0.4	7.7	S05	7.6	10	●	
<b>080L08R10-02S05</b>	0.030-0.080	8	1.0	7.7	S05	7.6	10	●	
<b>100L09R04-02S06</b>	0.035-0.090	10	0.4	9.0	S06	9.5	12.4	●	
<b>100L09R20-02S06</b>	0.035-0.090	10	2.0	9.0	S06	9.5	12.4	●	
<b>120L10R04-02S08</b>	0.035-0.110	12	0.4	10	S08	11.5	14.2	●	
<b>120L10R10-02S08</b>	0.035-0.110	12	1.0	10	S08	11.5	14.2	●	
<b>120L10R20-02S08</b>	0.035-0.110	12	2.0	10	S08	11.5	14.2	●	
<b>160L15R04-02S10</b>	0.040-0.130	16	0.4	14.9	S10	15.2	19	●	

●: Standard

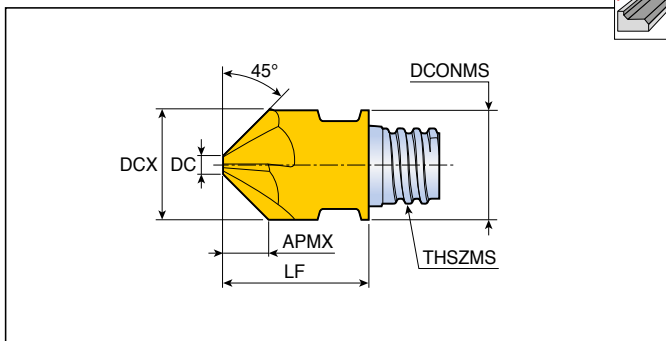
# MXCA-04/06



4 - 6 eliche, smussi e svasatura (senza tagliante al centro)



4,6



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)								Grado TT5523
		DCX	DC	NOF	APMX	THSZMS	DCONMS	LF		
<b>MXCA 100L04A45-04S06</b>	0.035-0.090	10	1.95	4	4.0	S06	10	13	●	
<b>120L05A45-04S08</b>	0.035-0.110	12	1.95	4	5.0	S08	12	16.5	●	
<b>127L05A45-04S08</b>	0.035-0.110	12.7	1.98	4	5.3	S08	12.7	16.5	●	
<b>160L06A45-06S10</b>	0.040-0.130	16	3.0	6	6.5	S10	16	20.3	●	
<b>200L07A45-06S12</b>	0.050-0.150	20	5.0	6	7.5	S12	20	25.5	●	

● NOF : Numero di eliche

●: Standard

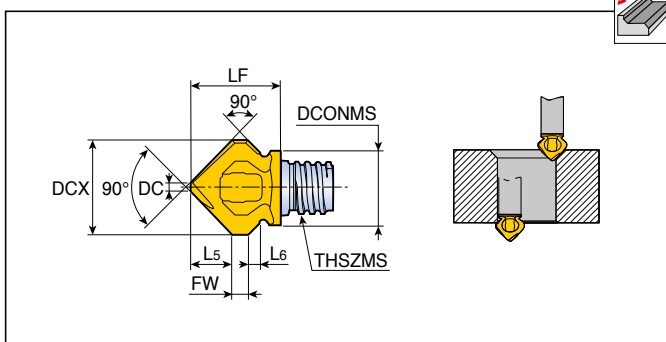
# MXCW-02



2 eliche, per doppio smusso



2

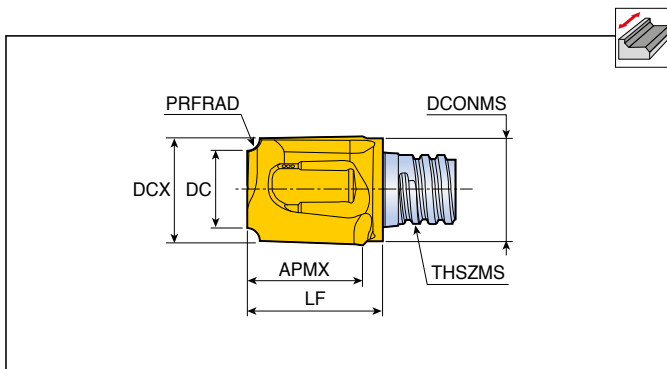


Descrizione	Avanz. (mm/dente)	Dimensioni (mm)								Grado TT5523
		DCX	DC	L5	L6	FW	THSZMS	DCONMS	LF	
<b>MXCW 118L05A45-02S06</b>	0.035-0.110	11.8	1.2	5	1.2	2	S06	9.3	11.2	●

●: Standard

# MXCR-02

2 eliche per raggi concavi



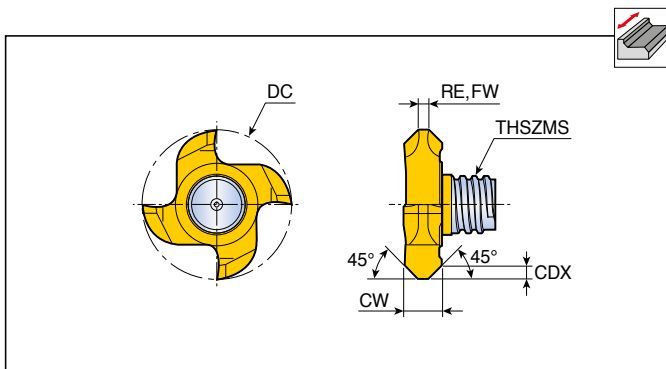
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)								Grado TT5523
		DCX	DC	PRFRAD	APMX	THSZMS	DCONMS	LF		
<b>MXCR 080L07R10-02S05</b>	0.030-0.080	8	5.8	1.0	7.5	S05	7.6	10.5	●	
<b>100L09R16-02S06</b>	0.035-0.090	10	6.8	1.6	9.5	S06	9.5	12.5	●	
<b>100L09R25-02S06</b>	0.035-0.090	10	5.1	2.5	9.5	S06	9.5	12.5	●	
<b>127L12R30-02S08</b>	0.035-0.110	12.7	6.5	3.0	12	S08	12.2	15.6	●	
<b>127L12R40-02S08</b>	0.035-0.110	12.7	4.7	4.0	12	S08	12.2	15.6	●	
<b>160L15R50-02S10</b>	0.040-0.130	16	6.2	5.0	15	S10	15.2	19.1	●	
<b>200L07R60-02S12</b>	0.050-0.150	20	8	6.0	7	S12	18.3	17.4	●	

● PRFRAD : Raggio

●: Standard

# TST-A45

3 - 4 eliche per smussi



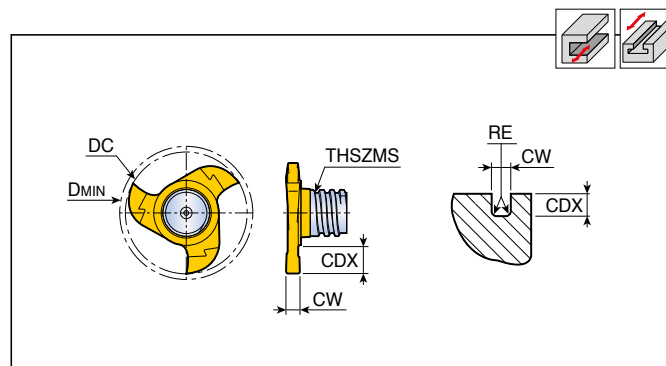
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5543
		DC	NOF	CW	CDX	RE	FW	THSZMS	
<b>TST 177L01.40A45-3S06</b>	0.025-0.150	17.7	3	3.4	1.4	0.1	-	S06	●
<b>217L01.70A45-4S08</b>	0.025-0.170	21.7	4	5.5	1.7	-	1.5	S08	●

- NOF : Numero di eliche
- FW : Larghezza pianetto

●: Standard

# TST-3

3 eliche per scanalature



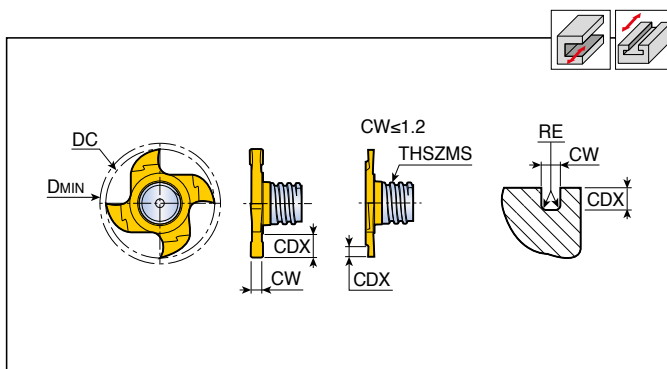
Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Grado TT5543
		DC	CW	CDX	RE	THSZMS	DMIN		
<b>TST 157W1.50R010-3S06</b>	0.025-0.120	15.7	1.5	2.8	0.1	S06	16.0	●	
<b>157W1.57R020-3S06</b>	0.025-0.120	15.7	1.57	2.8	0.2	S06	16.0	●	
<b>157W2.0R020-3S06</b>	0.025-0.120	15.7	2.0	2.8	0.2	S06	16.0	●	
<b>157W2.50R020-3S06</b>	0.025-0.120	15.7	2.5	2.8	0.2	S06	16.0	●	
<b>157W3.0R020-3S06</b>	0.025-0.130	15.7	3.0	2.8	0.2	S06	16.0	●	
<b>157W3.17R020-3S06</b>	0.025-0.150	15.7	3.17	2.8	0.2	S06	16.0	●	
<b>177W1.20R005-3S06</b>	0.025-0.120	17.7	1.2 <sup>(1)</sup>	3.8	0.05	S06	18.0	●	
<b>177W1.40R005-3S06</b>	0.025-0.120	17.7	1.4 <sup>(1)</sup>	3.8	0.05	S06	18.0	●	
<b>177W1.50R010-3S06</b>	0.025-0.120	17.7	1.5	3.8	0.1	S06	18.0	●	
<b>177W1.57R020-3S06</b>	0.025-0.120	17.7	1.57	3.8	0.2	S06	18.0	●	
<b>177W1.70R005-3S06</b>	0.025-0.120	17.7	1.7 <sup>(1)</sup>	3.8	0.05	S06	18.0	●	
<b>177W2.0R020-3S06</b>	0.025-0.120	17.7	2.0	3.8	0.2	S06	18.0	●	
<b>177W2.20R110-3S06</b>	0.025-0.120	17.7	2.2	3.8	1.1	S06	18.0	●	
<b>177W2.50R020-3S06</b>	0.025-0.120	17.7	2.5	3.8	0.2	S06	18.0	●	
<b>177W3.0R020-3S06</b>	0.025-0.130	17.7	3.0	3.8	0.2	S06	18.0	●	
<b>177W3.17R020-3S06</b>	0.025-0.150	17.7	3.17	3.8	0.2	S06	18.0	●	

<sup>(1)</sup> CW per anelli seeger DIN 471/472

●: Standard

# TST-4/6

## 4 - 6 eliche per scanalature



Descrizione	Avanz. (mm/dente)	Dimensioni (mm)							Torx	Grado TT5543
		DC	NOF	CW	CDX	RE	THSZMS	DMIN		
<b>TST 217W0.76R000-4S08</b>	0.025-0.100	21.7	4	0.76 <sup>(1)</sup>	1.5	-	S08	22.0	-	●
<b>217W0.96R000-4S08</b>	0.025-0.100	21.7	4	0.96 <sup>(1)</sup>	1.9	-	S08	22.0	-	●
<b>217W1.0R005-4S08</b>	0.025-0.100	21.7	4	1.0	2	0.05	S08	22.0	-	●
<b>217W1.20R005-4S08</b>	0.025-0.120	21.7	4	1.2 <sup>(1)</sup>	4.5	0.05	S08	22.0	-	●
<b>217W1.40R005-4S08</b>	0.025-0.120	21.7	4	1.4 <sup>(1)</sup>	4.5	0.05	S08	22.0	-	●
<b>217W1.57R000-4S08</b>	0.025-0.120	21.7	4	1.57	4.5	-	S08	22.0	-	●
<b>217W1.70R010-4S08</b>	0.025-0.120	21.7	4	1.7 <sup>(1)</sup>	4.5	0.1	S08	22.0	-	●
<b>217W1.95R020-4S08</b>	0.025-0.120	21.7	4	1.95 <sup>(1)</sup>	4.5	0.2	S08	22.0	-	●
<b>217W2.0R020-4S08</b>	0.025-0.120	21.7	4	2.0	4.5	0.2	S08	22.0	-	●
<b>217W2.25R020-4S08</b>	0.025-0.120	21.7	4	2.25 <sup>(1)</sup>	4.5	0.2	S08	22.0	-	●
<b>217W2.39R020-4S08</b>	0.025-0.120	21.7	4	2.39	4.5	0.2	S08	22.0	-	●
<b>217W2.50R020-4S08</b>	0.025-0.120	21.7	4	2.5	4.5	0.2	S08	22.0	-	●
<b>217W2.75R020-4S08</b>	0.025-0.130	21.7	4	2.75 <sup>(1)</sup>	4.5	0.2	S08	22.0	-	●
<b>217W3.0R020-4S08</b>	0.025-0.130	21.7	4	3.0	4.5	0.2	S08	22.0	-	●
<b>217W3.17R020-4S08</b>	0.025-0.150	21.7	4	3.17	4.5	0.2	S08	22.0	-	●
<b>217W3.25R020-4S08</b>	0.025-0.150	21.7	4	3.25 <sup>(1)</sup>	4.5	0.2	S08	22.0	-	●
<b>217W4.0R020-4S08</b>	0.025-0.150	21.7	4	4.0	4.5	0.2	S08	22.0	-	●
<b>217W4.25R020-4S08</b>	0.025-0.150	21.7	4	4.25 <sup>(1)</sup>	4.5	0.2	S08	22.0	-	●
<b>217W4.75R020-4S08</b>	0.025-0.150	21.7	4	4.75	4.5	0.2	S08	22.0	-	●
<b>217W5.25R020-4S08</b>	0.025-0.170	21.7	4	5.25 <sup>(1)</sup>	4.5	0.2	S08	22.0	-	●
<b>277W2.50R020-6S10</b>	0.025-0.120	27.7	6	2.5	6	0.2	S10	28.0	T40	●
<b>277W5.25R020-6S10</b>	0.025-0.170	27.7	6	5.25	6	0.2	S10	28.0	T40	●
<b>277W10R020-6S10</b>	0.025-0.170	27.7	6	10.0	6	0.2	S10	28.0	T40	●

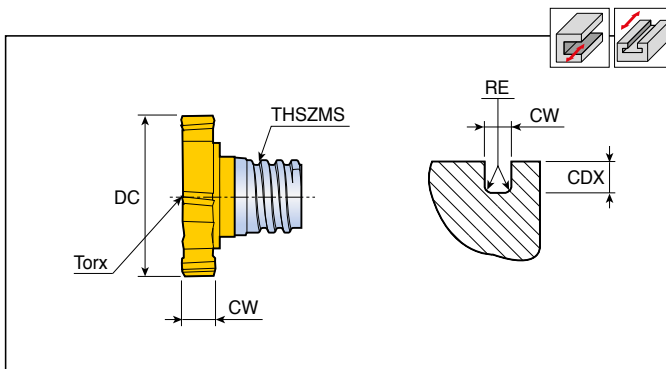
● NOF : Numero di eliche

● <sup>(1)</sup> CW per anelli seeger DIN 471/472

●: Standard

# TTB-06

6 eliche, per scanalature

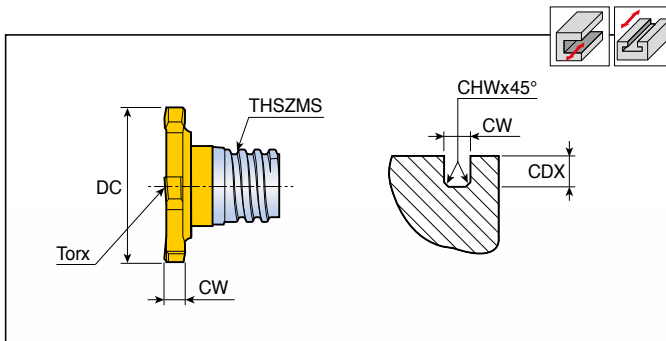


Descrizione	Avanz. (mm/dente)	Dimensioni (mm)					Torx	Grado TT5543
		DC	CW	CDX	RE	THSZMS		
<b>TTB 135W3.0R04-06S05</b>	0.025-0.130	13.5	3	2.65	0.4	S05	T20	●
<b>135W4.0R04-06S05</b>	0.025-0.150	13.5	4	2.65	0.4	S05	T20	●
<b>160W2.0R04-06S06</b>	0.025-0.120	16	2	2.9	0.4	S06	T20	●
<b>160W3.0R04-06S06</b>	0.025-0.130	16	3	2.9	0.4	S06	T25	●
<b>160W4.0R04-06S06</b>	0.025-0.150	16	4	2.9	0.4	S06	T25	●
<b>165W2.0R04-06S06</b>	0.025-0.120	16.5	2	3.15	0.4	S06	T20	●
<b>165W3.0R04-06S06</b>	0.025-0.130	16.5	3	3.15	0.4	S06	T25	●
<b>165W4.0R04-06S06</b>	0.025-0.150	16.5	4	3.15	0.4	S06	T25	●
<b>195W4.0R04-06S08</b>	0.025-0.150	19.5	4	3.45	0.4	S08	T30	●
<b>195W5.0R04-06S08</b>	0.025-0.150	19.5	5	3.45	0.4	S08	T30	●
<b>195W6.0R04-06S08</b>	0.025-0.170	19.5	6	3.45	0.4	S08	T30	●
<b>225W5.0R04-06S08</b>	0.025-0.150	22.5	5	4.95	0.4	S08	T40	●
<b>225W6.0R04-06S08</b>	0.025-0.170	22.5	6	4.95	0.4	S08	T40	●
<b>225W8.0R04-06S08</b>	0.025-0.170	22.5	8	4.95	0.4	S08	T40	●
<b>250W6.0R04-06S08</b>	0.025-0.170	25	6	5.9	0.4	S08	T50	●
<b>250W8.0R04-06S08</b>	0.025-0.170	25	8	5.9	0.4	S08	T50	●
<b>250W5.0R04-06S10</b>	0.025-0.150	25	5	4.3	0.4	S10	T50	●
<b>250W6.0R04-06S10</b>	0.025-0.170	25	6	4.3	0.4	S10	T50	●
<b>250W8.0R04-06S10</b>	0.025-0.170	25	8	4.3	0.4	S10	T50	●

●: Standard

# TTB-C15

6 eliche, per scanalature con smusso

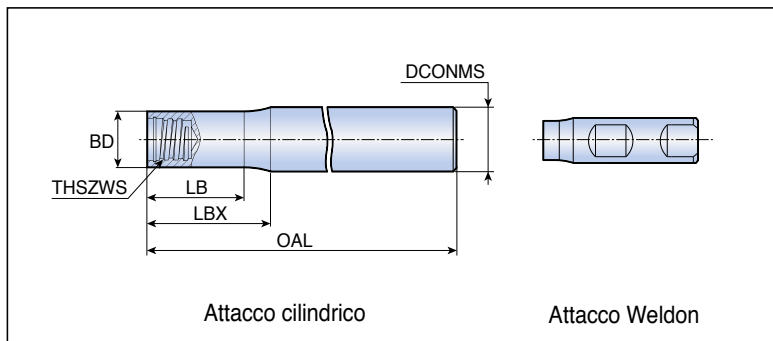


Descrizione	Avanz. (mm/dente)	Dimensioni (mm)					Torx	Grado TT5543
		DC	CW	CDX	CHW	THSZMS		
<b>TTB 135W2.0C15-06S05</b>	0.025-0.120	13.5	2	2.65	0.15	S05	T20	●

● CHW : Smusso della gola

●: Standard

## Stelo cilindrico scaricato



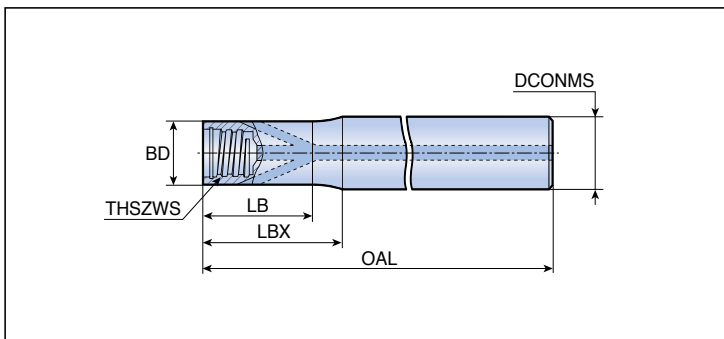
Descrizione	Dimensioni (mm)						Tipo attacco	Materiale Stelo
	THSZWS	DCONMS	BD	OAL	LB	LBX		
<b>MXSSD 08L060S05-S</b>	S05	8	7.6	60	12.8	15	Cilindrico	Acciaio
<b>08L070S05-C</b>	S05	8	7.6	70	19	20	Cilindrico	Carburo
<b>08L090S05-C</b>	S05	8	7.6	90	39	40	Cilindrico	Carburo
<b>08L110S05-C</b>	S05	8	7.6	110	59	60	Cilindrico	Carburo
<b>10L070S06-C</b>	S06	10	9.6	70	18.5	20	Cilindrico	Carburo
<b>10L075S06-S</b>	S06	10	9.6	75	17.7	20	Cilindrico	Acciaio
<b>10L090S06-C</b>	S06	10	9.6	90	38.5	40	Cilindrico	Carburo
<b>10L110S06-C</b>	S06	10	9.6	110	58.5	60	Cilindrico	Carburo
<b>10L150S06-C</b>	S06	10	9.6	150	98.5	100	Cilindrico	Carburo
<b>12L055W05-S</b>	S05	12	7.6	55	-	3.8	Weldon	Acciaio
<b>12L070S08-C</b>	S08	12	11.5	70	17	20	Cilindrico	Carburo
<b>12L090S08-C</b>	S08	12	11.5	90	37	40	Cilindrico	Carburo
<b>12L090S08-S</b>	S08	12	11.5	90	13.6	16	Cilindrico	Acciaio
<b>12L110S08-C</b>	S08	12	11.5	110	57	60	Cilindrico	Carburo
<b>12L130S08-C</b>	S08	12	11.5	130	77	80	Cilindrico	Carburo
<b>16L065W06-S</b>	S06	16	9.6	65	-	6	Weldon	Acciaio
<b>16L065W08-S</b>	S08	16	11.5	65	-	4	Weldon	Acciaio
<b>16L090S10-C</b>	S10	16	15.2	90	38	40	Cilindrico	Carburo
<b>16L100S10-S</b>	S10	16	15.2	100	18	20	Cilindrico	Acciaio
<b>16L110S10-C</b>	S10	16	15.2	110	58	60	Cilindrico	Carburo
<b>16L130S10-C</b>	S10	16	15.2	130	78	80	Cilindrico	Carburo
<b>16L150S10-C</b>	S10	16	15.2	150	98	100	Cilindrico	Carburo
<b>20L070W10-S</b>	S10	20	15.2	70	-	4	Weldon	Acciaio
<b>20L090S12-C</b>	S12	20	18.3	90	37	40	Cilindrico	Carburo
<b>20L120S12-S</b>	S12	20	18.3	120	20.5	25	Cilindrico	Acciaio
<b>20L130S12-C</b>	S12	20	18.3	130	77	80	Cilindrico	Carburo
<b>20L200S12-C</b>	S12	20	18.3	200	117	120	Cilindrico	Carburo
<b>25L075W12-S</b>	S12	25	18.3	75	-	6	Weldon	Acciaio
<b>25L120S15-C</b>	S15	25	23.9	120	58	60	Cilindrico	Carburo
<b>25L135S15-S</b>	S15	25	23.9	135	33	35	Cilindrico	Acciaio
<b>25L170S15-C</b>	S15	25	23.9	170	98	100	Cilindrico	Carburo
<b>25L250S15-C</b>	S15	25	23.9	250	148	150	Cilindrico	Carburo

• THSZWS : Misura filetto di attacco



# MXSSD-W-A

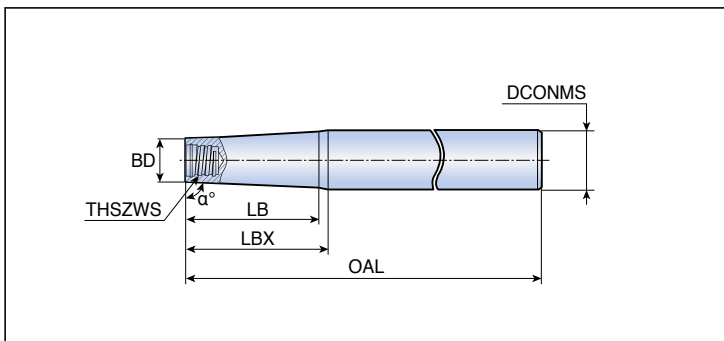
## Stelo cilindrico scaricato con fori di lubrificazione



Descrizione	Dimensioni (mm)						Materiale Stelo
	THSZWS	DCONMS	BD	OAL	LB	LBX	
<b>MXSSD 10L070S06-W-A</b>	S06	10	9.6	70	19	20	Tungsteno
<b>10L090S06-W-A</b>	S06	10	9.6	90	39	40	Tungsteno
<b>10L110S06-W-A</b>	S06	10	9.6	110	59	60	Tungsteno
<b>12L070S08-W-A</b>	S08	12	11.5	70	19	20	Tungsteno
<b>12L090S08-W-A</b>	S08	12	11.5	90	39	40	Tungsteno
<b>12L110S08-W-A</b>	S08	12	11.5	110	59	60	Tungsteno
<b>12L130S08-W-A</b>	S08	12	11.5	130	79	80	Tungsteno
<b>16L070S10-W-A</b>	S10	16	15.2	70	18.5	20	Tungsteno
<b>16L090S10-W-A</b>	S10	16	15.2	90	36.5	40	Tungsteno
<b>16L110S10-W-A</b>	S10	16	15.2	110	58.5	60	Tungsteno
<b>16L130S10-W-A</b>	S10	16	15.2	130	78.5	80	Tungsteno
<b>20L090S12-W-A</b>	S12	20	18.3	90	37	40	Tungsteno
<b>20L130S12-W-A</b>	S12	20	18.3	130	77	80	Tungsteno

- THSZWS : Misura filetto di attacco

## Stelo conico con attacco cilindrico

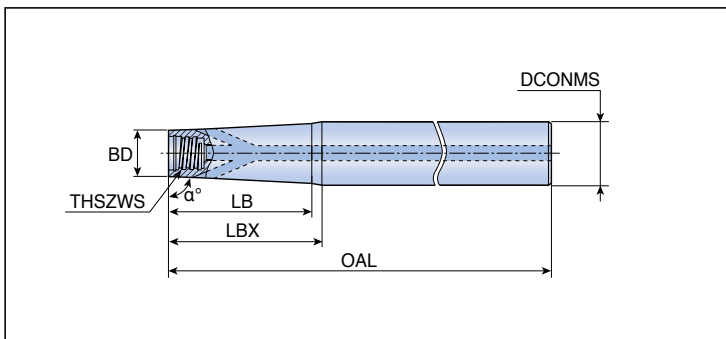


Descrizione	Dimensioni (mm)							Materiale Stelo
	$\alpha^\circ$	THSZWS	DCONMS	BD	OAL	LB	LBX	
<b>MXTSD 12L080S05-S</b>	85	S05	12	7.6	80	-	25	Acciaio
<b>12L100S05-S</b>	89	S05	12	7.6	100	31.0	35	Acciaio
<b>12L110S05-C</b>	89	S05	12	7.6	110	58.0	60	Carburo
<b>12L130S05-C</b>	89	S05	12	7.6	130	79.0	80	Carburo
<b>16L125S06-S</b>	85	S06	16	9.6	125	31.6	34	Acciaio
<b>16L130S08-C</b>	89	S08	16	11.5	130	78.8	80	Carburo
<b>16L140S08-S</b>	85	S08	16	11.5	140	19.3	22	Acciaio
<b>16L150S05-C</b>	89	S05	16	7.6	150	96.0	100	Carburo
<b>16L150S06-C</b>	89	S06	16	9.6	150	98.0	100	Carburo
<b>16L150S08-C</b>	89	S08	16	11.5	150	-	100	Carburo
<b>16L160S06-S</b>	89	S06	16	9.6	160	45.9	55	Acciaio
<b>16L170S06-C</b>	89	S06	16	9.6	170	119.0	120	Carburo
<b>20L140S10-S</b>	85	S10	20	15.2	140	-	27.5	Acciaio
<b>20L170S08-C</b>	89	S08	20	11.5	170	117.0	120	Carburo
<b>20L170S08-S</b>	89	S08	20	11.5	170	68.6	80	Acciaio
<b>20L170S10-C</b>	89	S10	20	15.2	170	-	120	Carburo
<b>20L190S10-C</b>	89	S10	20	15.2	190	-	140	Carburo
<b>20L190S10-S</b>	89	S10	20	15.2	190	73.0	80	Acciaio
<b>20L210S10-C</b>	89	S10	20	15.2	210	-	160	Carburo
<b>25L160S12-S</b>	85	S12	25	18.3	160	-	40	Acciaio
<b>25L170S10-S</b>	85	S10	25	15.2	170	-	56	Acciaio
<b>25L180S12-C</b>	89	S12	25	18.3	180	-	120	Carburo
<b>25L210S12-S</b>	89	S12	25	18.3	210	91.0	100	Acciaio
<b>25L250S12-C</b>	89	S12	25	18.3	250	-	140	Carburo
<b>32L155S15-S</b>	85	S15	32	23.9	155	40.0	45	Acciaio
<b>32L190S12-S</b>	85	S12	32	18.3	190	-	80	Acciaio
<b>32L220S15-S</b>	85	S15	32	23.9	220	-	100	Acciaio
<b>32L250S15-C</b>	89	S15	32	23.9	250	-	150	Carburo
<b>32L300S15-C</b>	89	S15	32	23.9	300	-	200	Carburo

• THSZWS : Misura filetto di attacco

# MXTSD-W-A

Stelo conico con attacco cilindrico con fori di lubrificazione

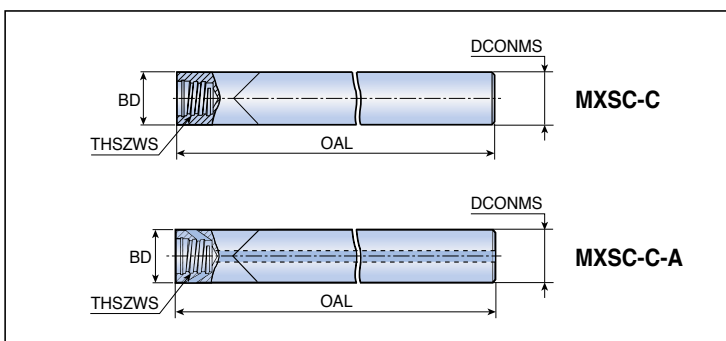


Descrizione	Dimensioni (mm)							Materiale Stelo
	$\alpha^\circ$	THSZWS	DCONMS	BD	OAL	LB	LBX	
<b>MXTSD 12L110S06-W-A</b>	89	S06	12	9.6	110	59	60	Tungsteno
<b>16L170S06-W-A</b>	89	S06	16	9.6	170	116	120	Tungsteno

- THSZWS : Misura filetto di attacco

# MXSC

Stelo cilindrico in carburo per testine di scanalatura TST



Descrizione	Dimensioni (mm)				Refriger.	Materiale Stelo
	THSZWS	DCONMS	BD	OAL		
<b>MXSC 100L100S06-C</b>	S06	10	10	100	x	Carburo
<b>120L100S08-C-A</b>	S08	12	12	100	•	Carburo

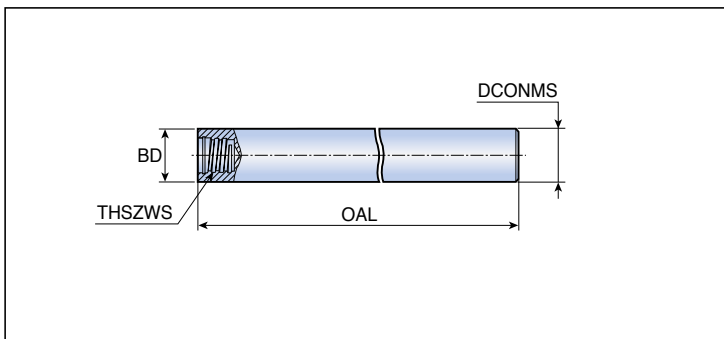
- THSZWS : Misura filetto di attacco

Nota:

- Per lo stelo tipo MXSC, si consiglia di utilizzare solo le testine per scanalatura TST. Se vengono utilizzate altre teste sullo stelo MXSC la profondità di taglio deve essere inferiore alla max. ap in ogni testa. Il gambo tipo MXSC non è scaricato, quindi può interferire con il pezzo da lavorare.

# MXSTD

## Steli cilindrici per testine di scanalatura TTB



Descrizione	Dimensioni (mm)				Materiale Stelo
	THSZWS	DCONMS	BD	OAL	
<b>MXSTD 08L070S05-S</b>	S05	8	8	70	Acciaio
<b>10L080S06-S</b>	S06	10	10	80	Acciaio
<b>12L090S08-S</b>	S08	12	12	90	Acciaio
<b>16L100S10-S</b>	S10	16	16	100	Acciaio

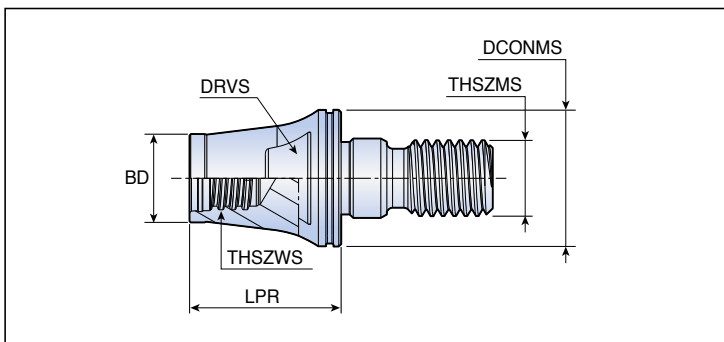
- THSZWS : Misura filetto di attacco

Nota:

- Per lo stelo tipo MXSTD, si consiglia di utilizzare solo le testine per scanalatura TTB. Se vengono utilizzate altre teste sul gambo MXSTD la profondità di taglio deve essere inferiore alla max. ap in ogni testa. Il gambo del tipo MXSTD non è scaricato, quindi può interferire con il pezzo da lavorare.

# MXAD-M

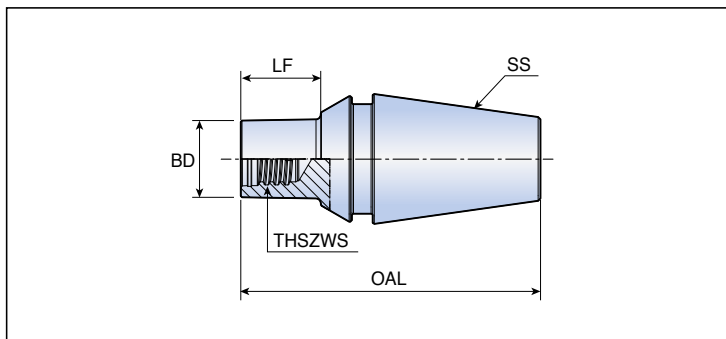
## Adattatori per T-FLEXTEC



Descrizione	Dimensioni (mm)						Materiale Stelo
	THSZWS	THSZMS	DCONMS	BD	LPR	DRVS	
<b>MXAD 130L016S08-S-M8</b>	S08	M8	13	11.7	16	11	Acciaio
<b>130L025S08-S-M8</b>	S08	M8	13	11.7	25	11	Acciaio
<b>180L020S08-S-M10</b>	S08	M10	18	11.7	20	13	Acciaio
<b>180L025S08-S-M10</b>	S08	M10	18	11.7	25	11	Acciaio
<b>210L020S08-S-M12</b>	S08	M12	21	11.7	20	12.75	Acciaio
<b>210L025S08-S-M12</b>	S08	M12	21	11.7	25	12.75	Acciaio

- THSZWS : Misura filetto di attacco
- DRVS : Misura chiave di serraggio

## Adattatore pinza ER per testine MAXI-RUSH

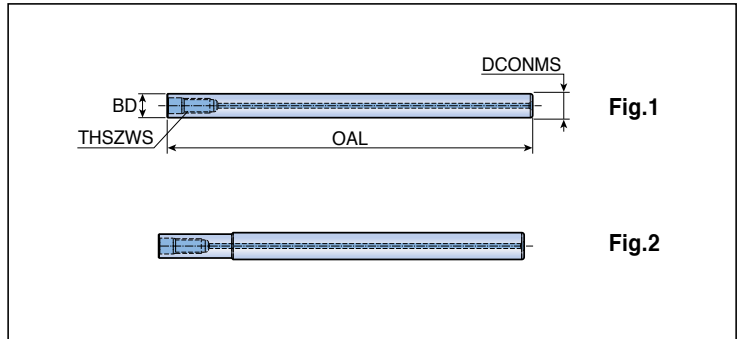


Descrizione	Dimensioni (mm)					Materiale Stelo
	SS	THSZWS	BD	LF	OAL	
<b>MXER 11CL006S05-S</b>	ER11	S05	7.92	6	24.0	Acciaio
<b>11CL020S05-S</b>	ER11	S05	7.92	20	38.0	Acciaio
<b>16CL012S05-S</b>	ER16	S05	7.92	12	39.5	Acciaio
<b>16CL020S05-S</b>	ER16	S05	7.92	20	47.5	Acciaio
<b>16CL010S06-S</b>	ER16	S06	9.92	10	37.5	Acciaio
<b>16CL020S06-S</b>	ER16	S06	9.92	20	47.5	Acciaio
<b>16CL006S08-S</b>	ER16	S08	11.6	6	33.5	Acciaio
<b>16CL020S08-S</b>	ER16	S08	11.6	20	47.5	Acciaio

- THSZWS : Misura filetto di attacco

# S M06-CT

## Steli cilindrici e ribassati con lubrificazione interna



Descrizione	Dimensioni (mm)				Refriger.	Fig.	Materiale Stelo
	THSZWS	DCONMS	BD	OAL			
<b>S M06-CT10-L100</b>	M06	10	10	100	●	1	Carburo
<b>CT10-L150</b>	M06	10	10	150	●	1	Carburo
<b>CT12-L100</b>	M06	12	12	100	●	1	Carburo
<b>CT12-L150</b>	M06	12	12	150	●	1	Carburo

- Fig. 2 possono essere forniti come speciali



# TAEGUTEC **SPEEDTEC** HIGH SPEED & FEED LINES



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