

COMAND

4



Fasturn

Programma generale di tornitura

Turning tools

Outils de tournage

Drehwerkzeuge für Innen - und Aussenbearbeitung





Fasturn

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Chiave dei codici degli utensili

Tool code key
Code d'identification des outils
Kennzeichnungscode Werkzeuge

Esterna

P	C	L	N	R	25	25	M	12
1	2	3	4	5	6	7	8	9

Interna

A	25	R	S	C	L	C	R	09
A	B	8	1	2	3	4	5	9

1. Sistema di bloccaggio

C A staffa	D A staffa con perno (RC)	M A staffa - cuneo	P A leva	S A vite
----------------------	-------------------------------------	------------------------------	--------------------	--------------------

2. Forma dell'inserto

80° C	55° D	R	S	T	35° V	80° W
-----------------	-----------------	----------	----------	----------	-----------------	-----------------

4. Angolo di spoglia inferiore dell'inserto

5° B	7° C	0° N	11° P
----------------	----------------	----------------	-----------------

3. Tipo di attacco

75° B	45° D	60° E	90° F	90° G	107°30' H
93° J	75° K	95° L	63° N	117°30' O	75° R
45° S	60° T	93° U	72°30'85° V	85° Y(X)	Y(Z)

5. Esecuzione Utensile

R Destra	L Sinistra	N Neutra
--------------------	----------------------	--------------------

6. Altezza Stelo

A

7. Larghezza Stelo

B

8. Lunghezza dell'utensile

Lunghezza utensile = /1 in mm

H = 100 K = 125 M = 150 P = 170 Q = 180 R = 200	S = 250 T = 300 U = 350 V = 400 W = 450 Y = 500

9. Lunghezza del tagliente, l mm

R	S	T
W	C.D	K

A. Tipo di stelo

A Stelo di acciaio con adduzione interna di liquido refrigerante
E Stelo di metallo duro
F Stelo antivibrante
S Stelo in acciaio integrale

B. Diametro stelo

--



Chiave dei codici degli inserti

Insert code key
Codes d'identification des inserts
Kennzeichnungs-codes für Inserts

C	N	M	G	12	04	08
1	2	3	4	5	6	7

1. Forma dell'inserto						
80° C	55° D	R	S	T	35° V	80° W

2. Angolo di spoglia inferiore dell'inserto			
5° B	7° C	0° N	11° P

3. Tolleranze $\pm$ su s e iC/iW			
Classe s		iC/iW	
G		$\pm 0,025$	
M	$\pm 0,13$	$\pm 0,05 - \pm 0,15^{1)}$	
U		$\pm 0,08 - \pm 0,25^{1)}$	

1) Varia in funzione della dimensione del iC .
Vedere la tabella sotto riportata

Cerchio inscritto iC mm	Classe di tolleranza		
	M	U	
3,97			
5,0			
5,56			
6,0			
6,35	$\pm 0,05$	$\pm 0,08$	
8,0			
9,525			
10,0			
12,0			
12,7	$\pm 0,08$	$\pm 0,13$	
15,875			
16,0			
19,05	$\pm 0,10$	$\pm 0,18$	
20,0			
25,0			
25,4	$\pm 0,13$	$\pm 0,25$	
31,75			
32,0	$\pm 0,15$	$\pm 0,25$	

4. Tipo di inserto	
A	G
M	T

5. Dimensione dell'inserto			
l mm:			
06-19	07-15	06-12	09-19
06-22	11-16	06-08	

6. Spessore dell'inserto, s mm	
01	$s = 1,59$
T1	$s = 1,98$
02	$s = 2,38$
03	$s = 3,18$
T3	$s = 3,97$
04	$s = 4,76$
05	$s = 5,56$
06	$s = 6,35$
07	$s = 7,94$
09	$s = 9,52$
10	$s = 10,00$
12	$s = 12,00$

7. Raggio di punta		
	04 $r_\epsilon = 0,4$ 08 $r_\epsilon = 0,8$ 12 $r_\epsilon = 1,2$ 16 $r_\epsilon = 1,6$ 24 $r_\epsilon = 2,4$	Raggio di punta consigliato come scelta prioritaria: Finitura 04 Lavorazione media 08 Sgrossatura 08/12





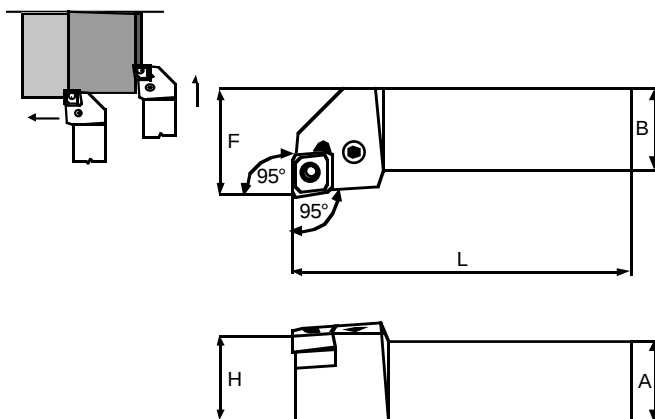
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External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

PCLNR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	F	H	B	A	L						
PCLNR/L 2020 K 12	25	20	20	20	125	CNMG12	LV02	V0802	S635	S8012N	CBR30
PCLNR/L 2525 M 12	32	25	25	25	150	CNMG12	LV02	V0802	S635	S8012N	CBR30
PCLNR/L 3225 P 12	32	32	25	32	170	CNMG12	LV02	V0802	S635	S8012N	CBR30
PCLNR/L 3232 P 16	40	32	32	32	170	CNMG16	LV06	V1006	S840	S8016N	CBR30
PCLNR/L 3232 P 19	40	32	32	32	170	CNMG19	LV09	V1209	S990	S8019N	CBR40
PCLNR/L 4040 S 19	50	40	40	40	250	CNMG19	LV09	V1209	S990	S8019N	CBR40
Inserto	a		b		s	r					
CNMG1204	12.7		12.9		4.76	0.8					
CNMG1606	15.88		16.1		6.35	0.8					
CNMG1906	19.05		19.3		6.35	1.2					

PCLNR/L

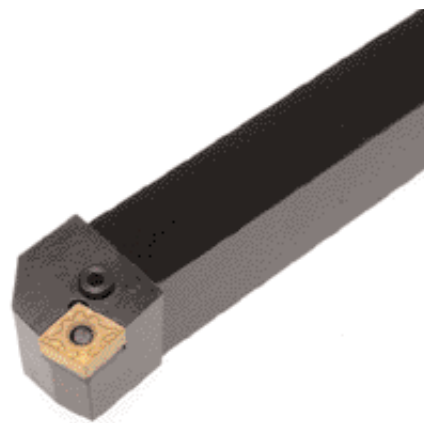
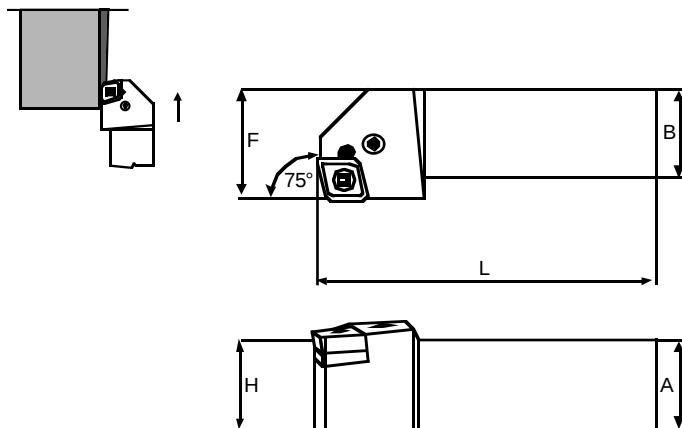


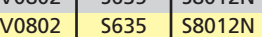


PCKNR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	F	H	B	A	L						
PCKNR/L 2020 K 12	25	20	20	20	125	CNMG12	LV02	V0802	S635	S8012N	CBR30
PCKNR/L 2525 M 12	32	25	25	25	150	CNMG12	LV02	V0802	S635	S8012N	CBR30
PCKNR/L 3225 P 12	32	32	25	32	170	CNMG12	LV02	V0802	S635	S8012N	CBR30
Inserto	a		b		s	r					
CNMG1204	12.7		12.9		4.76	0.8					

PCKNR/L





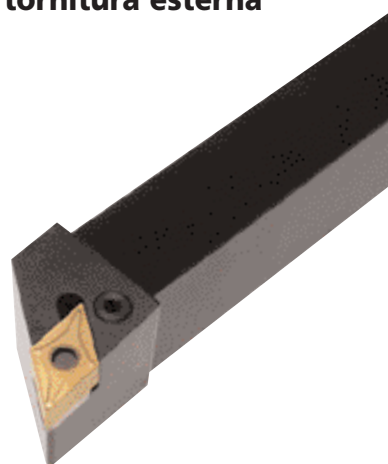
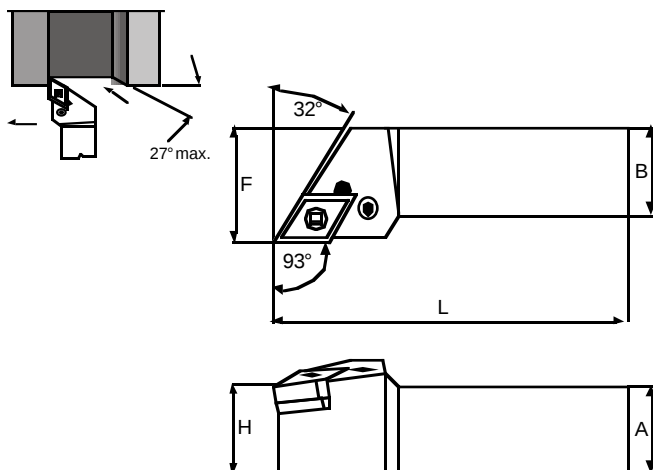
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External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

PDJNR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	F	H	B	A	L						
PDJNR/L 2020 K 15	25	20	20	20	125	DNMG15	LV05	V0805	S635	S5515N	CBR30
PDJNR/L 2525 M 15	32	25	25	25	150	DNMG15	LV05	V0805	S635	S5515N	CBR30
PDJNR/L 3225 P 15	32	32	25	32	170	DNMG15	LV05	V0805	S635	S5515N	CBR30
Inserto	a		b		s	r					
DNMG1506	12.7		15.5		6.35	0.8					

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PDJNR/L

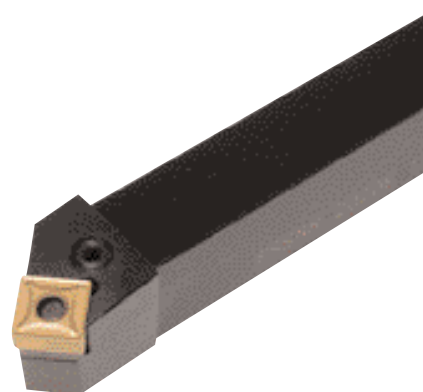
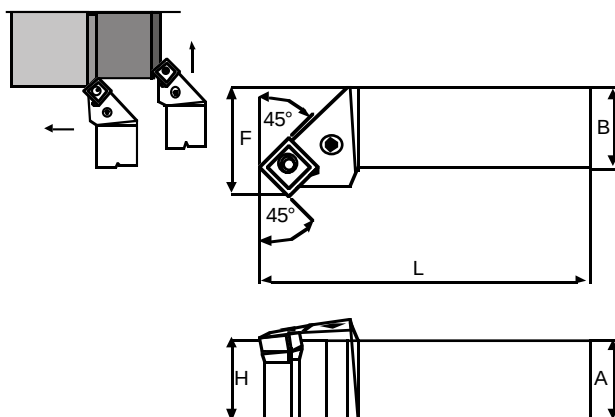


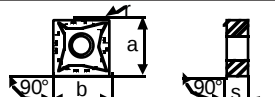


PSSNR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	F	H	B	A	L						
PSSNR/L 2020 K 12	25	20	20	20	125	SNMG12	LV02	V0802	S9012N	S635	CBR30
PSSNR/L 2525 M 12	32	25	25	25	150	SNMG12	LV02	V0802	S9012N	S635	CBR30
PSSNR/L 3225 P 12	32	32	25	32	170	SNMG12	LV02	V0802	S9012N	S635	CBR30
Inserto	a		b		s	r					
SNMG1204	12.7		12.7		4.76	0.8					

PSSNR/L



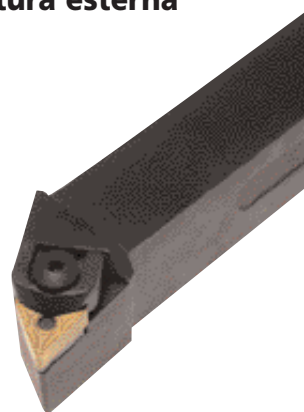
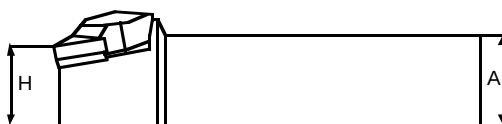
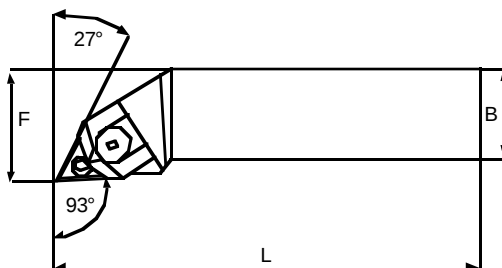
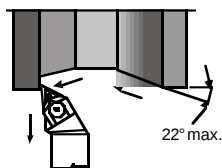


COMAND

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

MTJNR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio					
	F	H	B	A	L							
MTJNR/L 2020 K 16	25	20	20	20	125	TNMG16	C6016N	V6016	S6016P	P0502	VB312	CBR25
MTJNR/L 2525 M 16	32	25	25	25	150	TNMG16	C6016N	V6016	S6016P	P0502	VB312	CBR25
MTJNR/L 3225 P 16	32	32	25	32	170	TNMG16	C6016N	V6016	S6016P	P0502	VB312	CBR25
Inserto	a		b		s	r						
TNMG1604	9.52		16.5		4.76	0.8						

COMAND

MTJNR/L

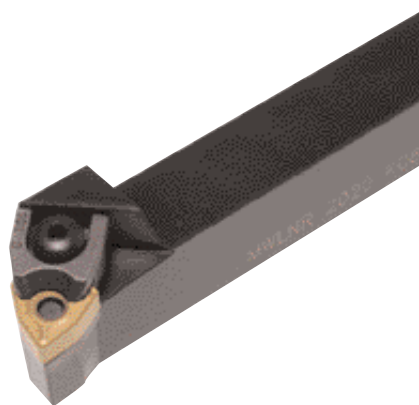
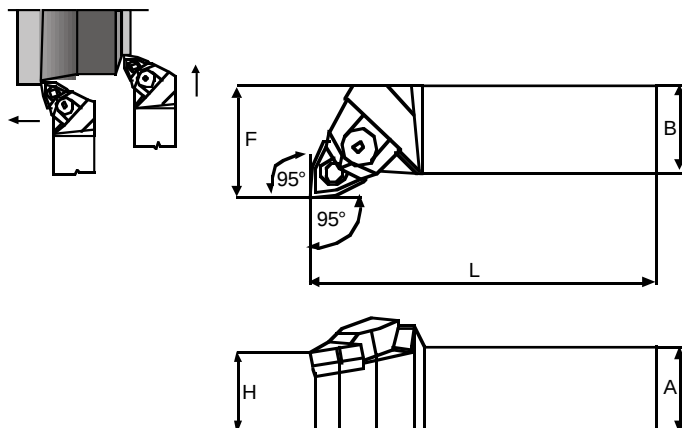




MWLNR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	F	H	B	A	L						
MWLNR/L 2020 K 08	25	20	20	20	125	WNMG08	C8008N	V8008	S8008P	P0602	CBR30
MWLNR/L 2525 M 08	32	25	25	25	150	WNMG08	C8008N	V8008	S8008P	P0602	CBR30
MWLNR/L 3225 P 08	32	32	25	32	170	WNMG08	C8008N	V8008	S8008P	P0602	CBR30
Inserto	a		b		s	r					
WNMG0804	12.7		8.7		4.76	0.8					

MWLNR/L





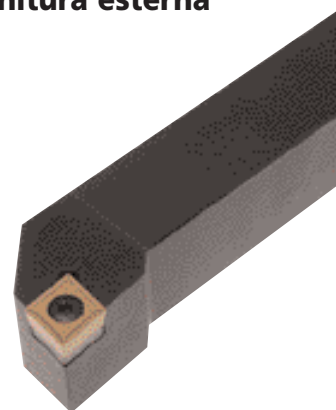
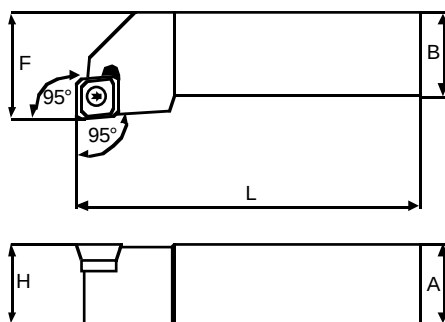
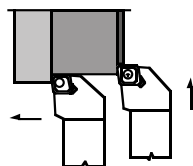
COMAND



External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

SCLCR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SCLCR/L 0808 D 06	10	8	8	8	60	CCMT06			TX2506	BTX08
SCLCR/L 1010 E 06	12	10	10	10	70	CCMT06			TX2506	BTX08
SCLCR/L 1212 F 09	16	12	12	12	80	CCMT09			TX3509	BTX15
SCLCR/L 1616 H 09	20	16	16	16	100	CCMT09			TX3509	BTX15
SCLCR/L 2020 K 09	25	20	20	20	125	CCMT09			TX3509	BTX15
SCLCR/L 2020 K 12	25	20	20	20	125	CCMT12	S8012P	BO609	TX4014	BTX15
SCLCR/L 2525 M 12	32	25	25	25	150	CCMT12	S8012P	BO609	TX4014	BTX15
Inserto	a		b		s	r				
CCMT0602	6.35		6.45		2.38	0.4				
CCMT09T3	9.52		9.65		3.97	0.4				
CCMT1204	12.7		12.9		4.76	0.8				

SCLCR/L

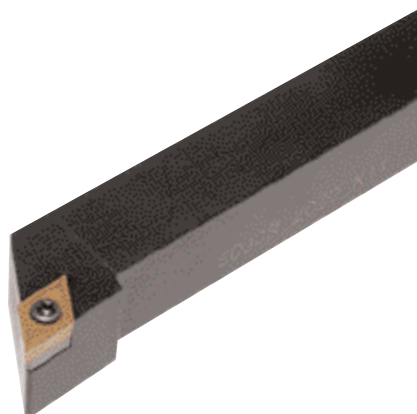
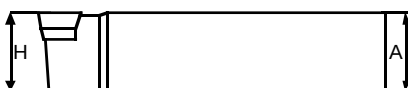
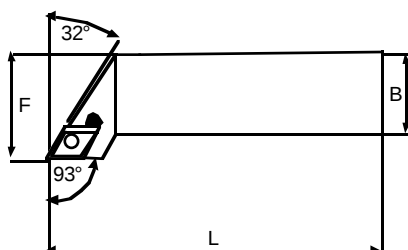
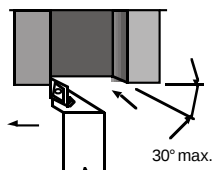


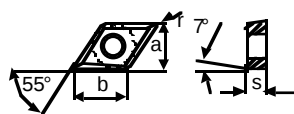


SDJCR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SDJCR/L 0808 D 07	10	8	8	8	60	DCMT07			TX3007	BTX08
SDJCR/L 1010 E 07	12	10	10	10	70	DCMT07			TX3007	BTX08
SDJCR/L 1212 F 07	16	12	12	12	80	DCMT07			TX3007	BTX08
SDJCR/L 1212 F 11	16	12	12	12	80	DCMT11			TX3509	BTX15
SDJCR/L 1616 H 11	20	16	16	16	100	DCMT11	S5515P	BO509	TX3511	BTX15
SDJCR/L 2020 K 11	25	20	20	20	125	DCMT11	S5515P	BO509	TX3511	BTX15
SDJCR/L 2525 M 11	32	25	25	25	150	DCMT11	S5515P	BO509	TX3511	BTX15
Inserto	a	b	s	r						
DCMT0702	6.35	7.75	2.38	0.4						
DCMT11T3	9.52	11.6	3.97	0.4						

SDJCR/L





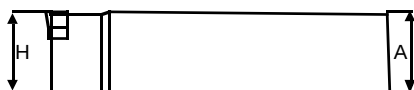
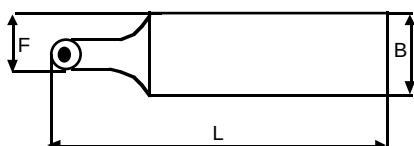
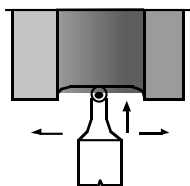
COMAND

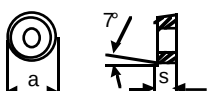


External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

SRDCN

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio	
	F	H	B	A	L			
SRDCN 1212 F 06	9	12	12	12	80	RCMT06	TX2506	BTX08
SRDCN 1616 H 06	11	16	16	16	100	RCMT06	TX2506	BTX08
SRDCN 2020 K 06	13	20	20	20	125	RCMT06	TX2506	BTX08
SRDCN 2525 M 06	15.5	25	25	25	150	RCMT06	TX2506	BTX08
SRDCN 1616 H 08	12	16	16	16	100	RCMT08	TX3007	BTX08
SRDCN 2020 K 08	14	20	20	20	125	RCMT08	TX3007	BTX08
SRDCN 2525 M 08	16.5	25	25	25	150	RCMT08	TX3007	BTX08
Inserto	a			s				
RCMT0602	6			2.38				
RCMT0803	8			3.18				

COMAND

SRDCN

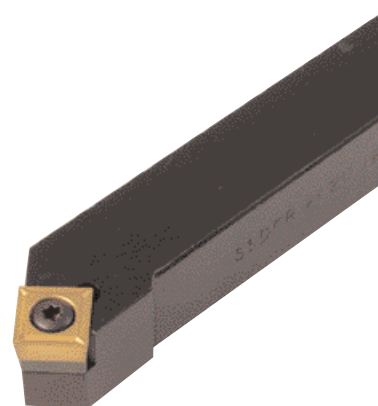
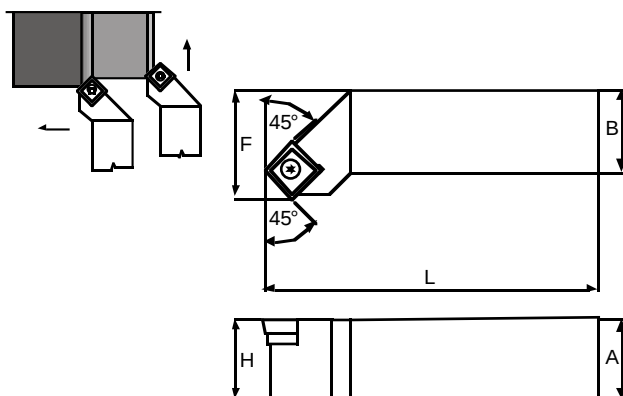


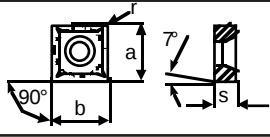


SSSCR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SSSCR/L 1212 F 09	16	12	12	12	80	SCMT09			TX3509	BTX15
SSSCR/L 1616 H 09	20	16	16	16	100	SCMT09			TX3509	BTX15
SSSCR/L 2020 H 09	25	20	20	20	100	SCMT09			TX3509	BTX15
SSSCR/L 1616 H 12	20	16	16	16	100	SCMT12	S9012P	BO609	TX4014	BTX15
SSSCR/L 2020 K 12	25	20	20	20	125	SCMT12	S9012P	BO609	TX4014	BTX15
SSSCR/L 2525 M 12	32	25	25	25	150	SCMT12	S9012P	BO609	TX4014	BTX15
Inserto	a		b		s	r				
SCMT09T3	9.52		9.52		3.97	0.4				
SCMT1204	12.7		12.7		4.76	0.8				

SSSCR/L





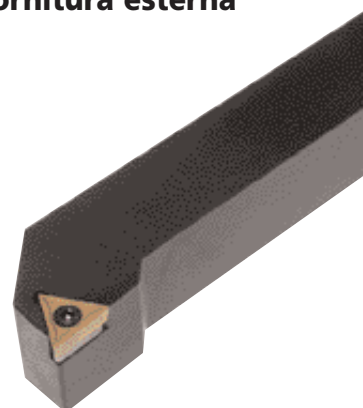
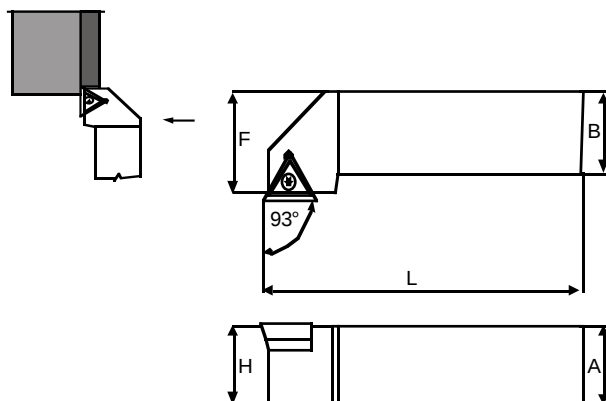
COMAND

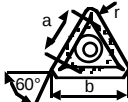
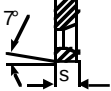


External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

STJCR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
STJCR/L 1212 F 11	16	12	12	12	80	TCMT11			TX2506	BTX08
STJCR/L 1616 H 11	20	16	16	16	100	TCMT11			TX2506	BTX08
STJCR/L 1616 H 16	20	16	16	16	100	TCMT16	S60168	BO509	TX3511	BTX15
STJCR/L 2020 K 16	25	20	20	20	125	TCMT16	S6016P	BO509	TX3511	BTX15
STJCR/L 2525 M 16	32	25	25	25	150	TCMT16	S6016P	BO509	TX3511	BTX15
Inserto	a	b	s	r	 					
TCMT1102	6.35	11	2.38	0.4						
TCMT16T3	9.52	16.5	3.97	0.4						

COMAND

STJCR/L

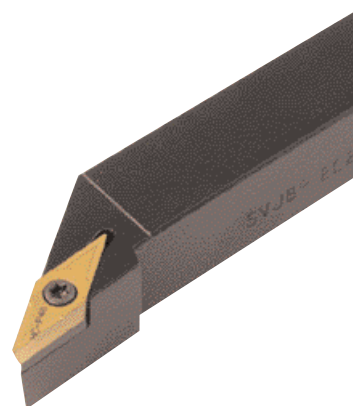
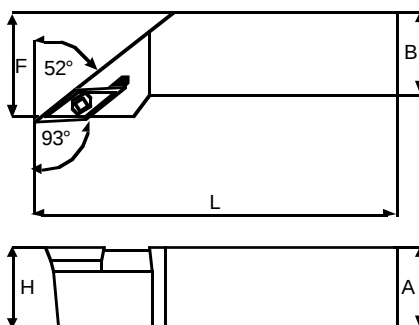
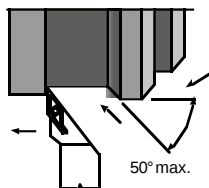




SVJCR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SVJCR/L 1212 F 11	16	12	12	12	80	VCMT11			TX2506	BTX08
SVJCR/L 1616 H 11	20	16	16	16	100	VCMT11			TX2506	BTX08
SVJCR/L 2020 K 11	25	20	20	20	125	VCMT11			TX2506	BTX08
SVJCR/L 2525 M 11	32	25	25	25	150	VCMT11			TX2506	BTX08
SVJCR/L 2020 K 16	25	20	20	20	125	VCMT16	S3516P	BO509	TX3511	BTX15
SVJCR/L 2525 M 16	32	25	25	25	150	VCMT16	S3516P	BO509	TX3511	BTX15
Inserto	a	b	s	r						
VCMT1103	6.35	11.5	3.18	0.4						
VCMT1604	9.52	16.6	4.76	0.4						

SVJCR/L



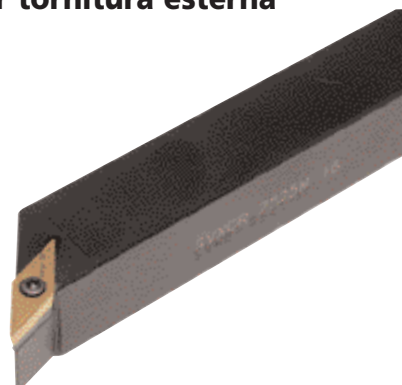
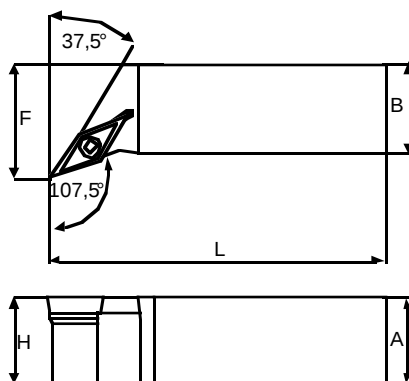
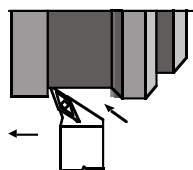


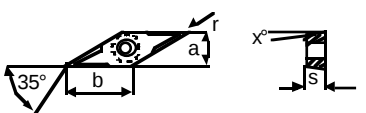
COMAND

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

SVHCR/L SVHBR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SVHCR/L 2020 K 16	25	20	20	20	125	VCMT16	S3516P	BO509	TX3513	BTX15
SVHCR/L 2525 M 16	32	25	25	25	150	VCMT16	S3516P	BO509	TX3513	BTX15
SVHBR/L 2020 K 16	25	20	20	20	125	VBMT16	S3516P	BO509	TX3513	BTX15
SVHBR/L 2525 M 16	32	25	25	25	150	VBMT16	S3516P	BO509	TX3513	BTX15
Inserto	a	b	s	r	x°					
VCMT16	9.52	16.6	4.76	0.4	7°					
VBMT16	9.52	16.6	4.76	0.4	5°					

SVHCR/L - SVHBR/L

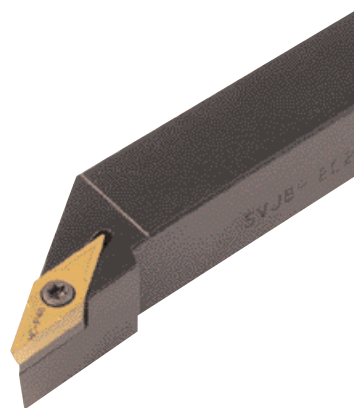
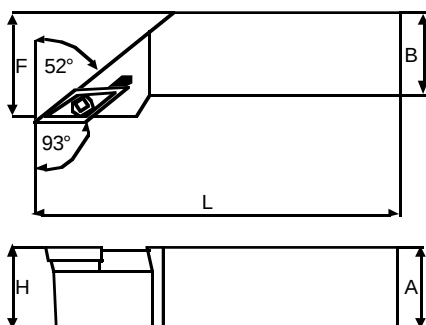
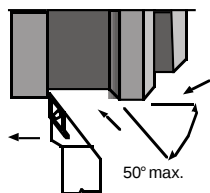


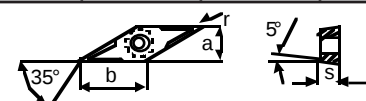


SVJBR/L

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SVJBR/L 1616 H 16	20	16	16	16	100	VBMT16	53516P	BO509	TX3511	BTX15
SVJBR/L 2020 K 16	25	20	20	20	125	VBMT16	53516P	BO509	TX3511	BTX15
SVJBR/L 2525 M 16	32	25	25	25	150	VBMT16	53516P	BO509	TX3511	BTX15
Inserto	a	b	s	r						
VBMT16	9.52	16.6	4.76	0.4						

SVJBR/L



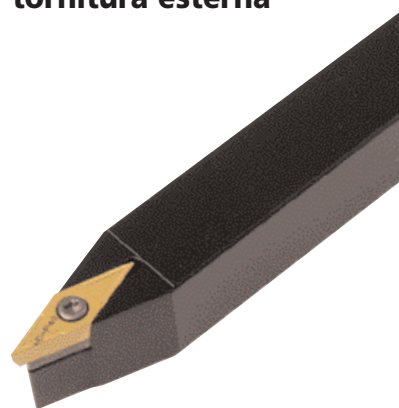
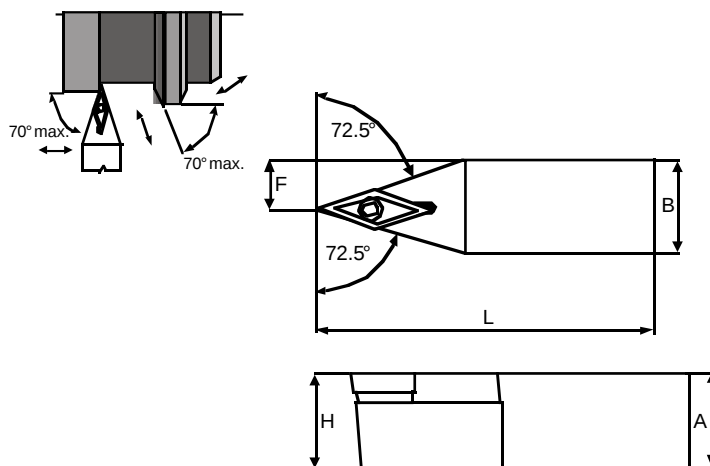


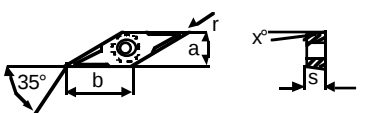
COMAND

External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

SVVCN.. SVVBN..

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SVVCN 2020 K 16	10	20	20	20	125	VCMT16	S3516P	BO509	TX3513	BTX15
SVVCN 2525 M 16	12,5	25	25	25	150	VCMT16	S3516P	BO509	TX3513	BTX15
SVVBN 2020 K 16	10	20	20	20	125	VBMT16	S3516P	BO509	TX3513	BTX15
SVVBN 2585 M 16	12,5	25	25	25	150	VBMT16	S3516P	BO509	TX3513	BTX15
Inserto	a	b	s	r	x°					
VCMT16	9.52	16.6	4.76	0.4	7°					
VBMT16	9.52	16.6	4.76	0.4	5°					

SVVCN.. / SVVBN..

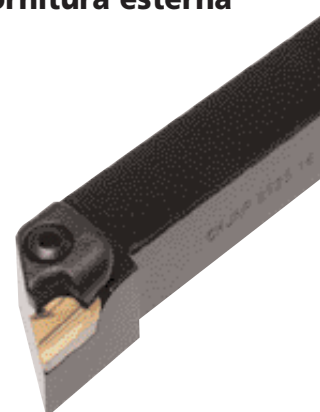
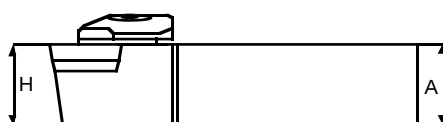
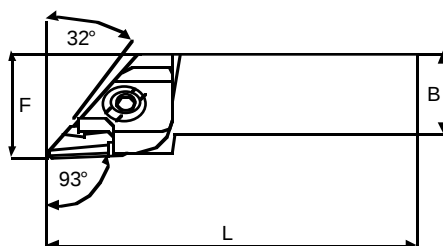
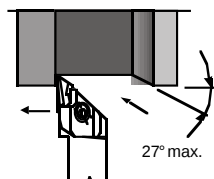




External turning tools
Outils de tournage extérieur
Werkzeuge für Aussenbearbeitung

CKJNR/L

Utensili per tornitura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio						
	F	H	B	A	L								
CKJNR/L 2020 K 16	30	20	20	20	125	KNUX16	CKN16R/L	SKN16R/L	S311	VO616	M428	SC510	CBR40
CKJNR/L 2525 M 16	32	25	25	25	150	KNUX16	CKN16R/L	SKN16R/L	S311	VO616	M428	SC510	CBR40
CKJNR/L 3225 P 16	32	32	25	32	170	KNUX16	CKN16R/L	SKN16R/L	S311	VO616	M428	SC510	CBR40
Inserto	a		b		s	r							
KNUX1604	9.52		16		4.76	0.5							

CKJNR/L



COMAND

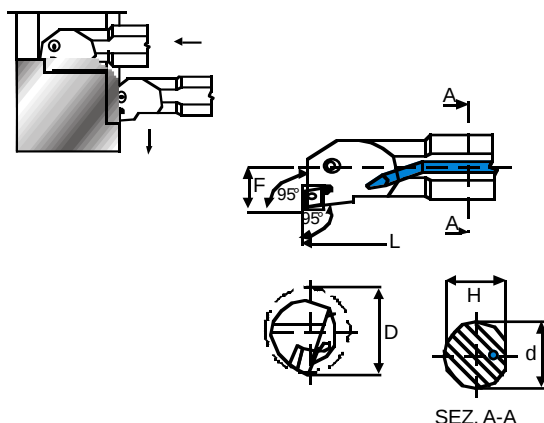
Utensili per tornitura interna
Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung



A..PCLNR/L

Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	D	d	F	H	L						
A20Q PCLNR/L 09	25	20	13	19	180	CNMG09	LV01	V0601	S535	S8009N	CBR25
A25R PCLNR/L 09	32	25	17	24	200	CNMG09	LV01	V0601	S535	S8009N	CBR25
A25R PCLNR/L 12	32	25	17	24	200	CNMG12	LV02	V0802	S635	S8012N	CBR30
A32S PCLNR/L 12	40	32	22	31	250	CNMG12	LV02	V0802	S635	S8012N	CBR30
A40T PCLNR/L 12	50	40	27	38.5	300	CNMG12	LV02	V0802	S635	S8012N	CBR30
A50U PCLNR/L 12	63	50	35	48	350	CNMG12	LV02	V0802	S635	S8012N	CBR30
Inserto	a		b		s	r					
CNMG0903	9.52		9.65		3.18	0.8					
CNMG1204	12.7		12.9		4.76	0.8					

A..PCLNR/L



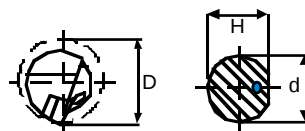
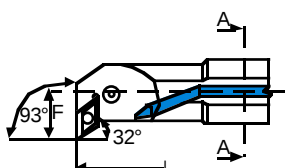
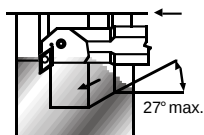
COMAND



Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

A..PDUNR/L

Utensili per tornitura interna



SEZ. A-A



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	D	d	F	H	L						
A32S PDUNR/L 15	40	32	22	31	250	DNMG15	LV05	V0805	S635	S5515N	CBR30
A40T PDUNR/L 15	50	40	27	38.5	300	DNMG15	LV05	V0805	S635	S5515N	CBR30
A50U PDUNR/L 15	63	50	35	48	350	DNMG15	LV05	V0805	S635	S5515N	CBR30
Inserto	a		b		s	r					
DNMG1506	12.7		15.5		6.35	0.8					

COMAND

A..PDUNR/L

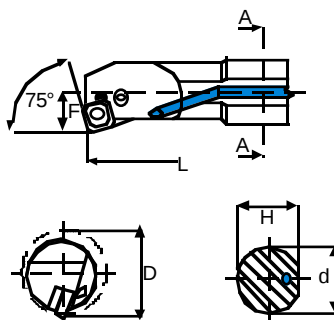
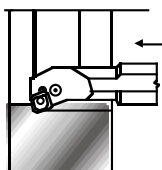




A..PSKNR/L

Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

Utensili per tornitura interna



SEZ. A-A



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	D	d	F	H	L						
A25R PSKNR/L 12	32	25	17	24	200	SNMG12	LV02	V0802	S635	S9012N	CBR30
A32S PSKNR/L 12	40	32	22	31	250	SNMG12	LV02	V0802	S635	S9012N	CBR30
A40T PSKNR/L 12	50	40	27	38.5	300	SNMG12	LV02	V0802	S635	S9012N	CBR30
Inserto	a		b		s	r					
SNMG1204	12.7		12.7		4.76	0.8					

A..PSKNR/L





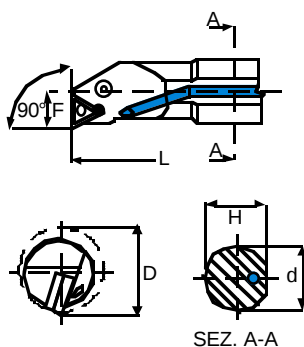
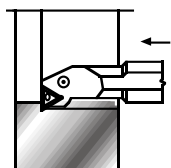
COMAND



Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

A..PTFNR/L

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	D	d	F	H	L						
A25R PTFNR/L 16	32	25	17	24	200	TNMG16	LV01	V0601	S635	S6016N	CBR25
A32S PTFNR/L 16	40	32	22	31	250	TNMG16	LV01	V0601	S635	S6016N	CBR25
Inserto	a		b		s	r					
TNMG1604	9.52		16.5		4.76	0.8					

COMAND

A..PTFNR/L

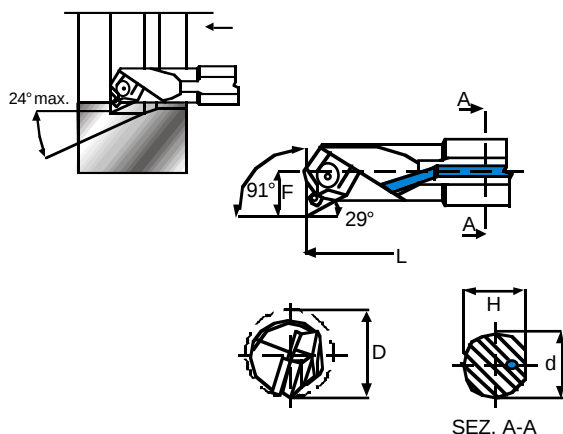


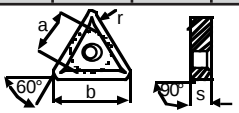


Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

A..MTFNR/L

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio					
	D	d	F	H	L							
A25R MTFNR/L 16	32	25	17	24	200	TNMG16	C6016N	V6016	S6016P	P0502	VB312	CBR25
A32S MTFNR/L 16	40	32	22	31	250	TNMG16	C6016N	V6016	S6016P	P0502	VB312	CBR25
A40T MTFNR/L 16	50	40	27	38.5	300	TNMG16	C6016N	V6016	S6016P	P0502	VB312	CBR25
Inserto	a		b		s	r						
TNMG1604	9.52		16.5		4.76	0.8						

A..MTFNR/L





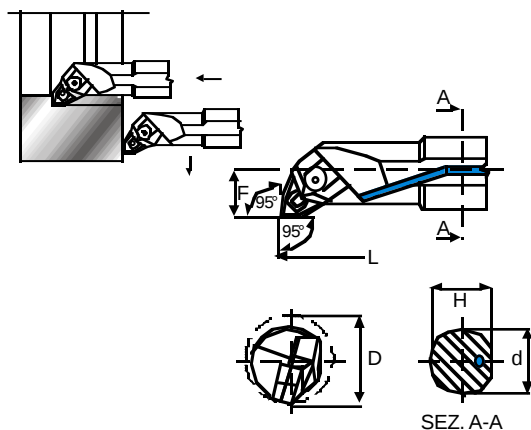
COMAND



A..MWLNR/L

Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio				
	D	d	F	H	L						
A25R MWLNR/L 08	32	25	17	24	200	WNMG08	C8008N	V8008	S8008P	P0602	CBR30
A32S MWLNR/L 08	40	32	22	31	250	WNMG08	C8008N	V8008	S8008P	P0602	CBR30
A40T MWLNR/L 08	50	40	27	38	300	WNMG08	C8008N	V8008	S8008P	P0602	CBR30
Inserto	a		b		s	r					
WNMG0804	12.7		8.7		4.76	0.8					

A . . M W L N R / L

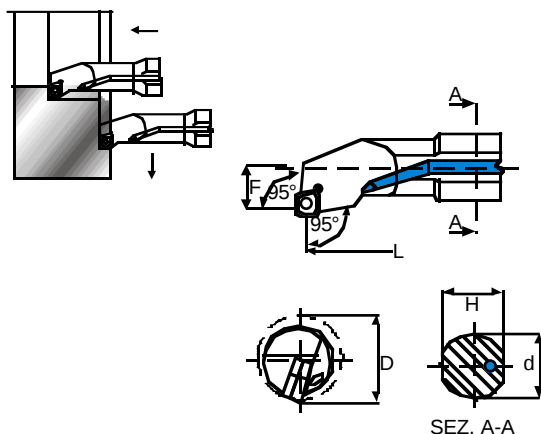


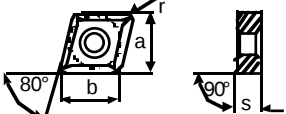


Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

A..SCLCR/L

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	D	d	F	H	L					
A08H SCLCR/L 06	10	8	5	7.50	100	CCMT06			TX2506	BTX08
A10J SCLCR/L 06	12	10	7	9.50	110	CCMT06			TX2506	BTX08
A12K SCLCR/L 06	16	12	9	11.50	125	CCMT06			TX2506	BTX08
A16M SCLCR/L 09	20	16	11	15	150	CCMT09			TX3509	BTX15
A20Q SCLCR/L 09	25	20	13	19	180	CCMT09			TX3509	BTX15
A25R SCLCR/L 09	32	25	17	24	200	CCMT09			TX3509	BTX15
A25R SCLCR/L 12	32	25	17	24	200	CCMT12			TX4010	BTX15
A32S SCLCR/L 12	40	32	22	31	250	CCMT12	S8012P	BO609	TX4010	BTX15
Inserto	a		b		s	r				
CCMT0602	6.35		6.45		2.38	0.4				
CCMT09T3	9.52		9.65		3.97	0.4				
CCMT1204	12.7		12.9		4.76	0.8				

A..SCLCR/L





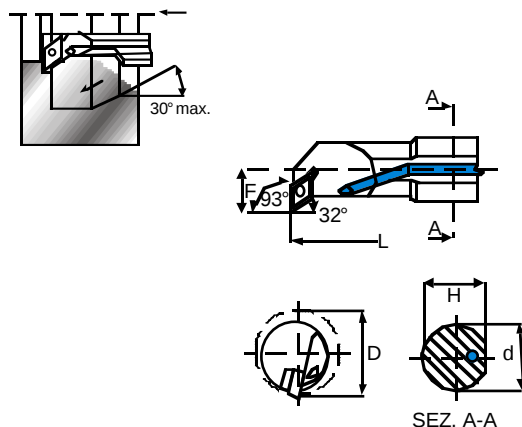
COMAND

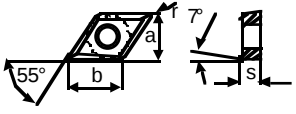


A..SDUCR/L

Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	D	d	F	H	L					
A10J SDUCR/L 07	13	10	8	9.50	110	DCMT07			TX2506	BTX08
A12K SDUCR/L 07	16	12	9	11.50	125	DCMT07			TX2506	BTX08
A16M SDUCR/L 07	20	16	11	15	150	DCMT07			TX2506	BTX08
A20Q SDUCR/L 07	25	20	13	19	180	DCMT07			TX2506	BTX08
A20Q SDUCR/L 11	25	20	13	19	180	DCMT11			TX3509	BTX15
A25R SDUCR/L 11	32	25	17	24	200	DCMT11			TX3509	BTX15
A32S SDUCR/L 11	40	32	22	31	250	DCMT11	S5515P	BO509	TX3511	BTX15
Inserto	a	b	s	r						
DCMT0702	6.35	7.75	2.38	0.4						
DCMT11T3	9.52	11.6	3.97	0.4						

A..SDUCR/L

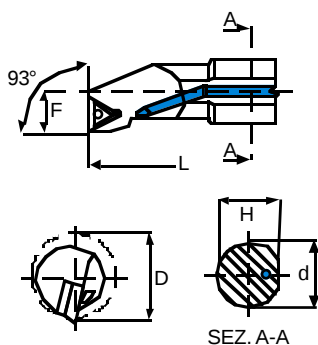
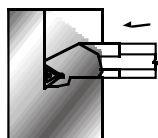


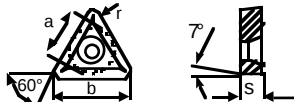


Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

A..STUCR/L

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	D	d	F	H	L					
A12K STUCR/L 11	16	12	9	11.50	125	TCMT11			TX2506	BTX08
A16M STUCR/L 16	20	16	11	15	150	TCMT16			TX3509	BTX15
A20Q STUCR/L 16	25	20	13	19	180	TCMT16			TX3509	BTX15
A25R STUCR/L 16	32	25	17	24	200	TCMT16			TX3509	BTX15
A32S STUCR/L 16	40	32	22	31	250	TCMT16	S6016P	BO509	TX3511	BTX15
Inserto	a	b	s	r						
TCMT1102	6.35	11	2.38	0.4						
TCMT16T3	9.52	11.5	3.97	0.4						

A..STUCR/L





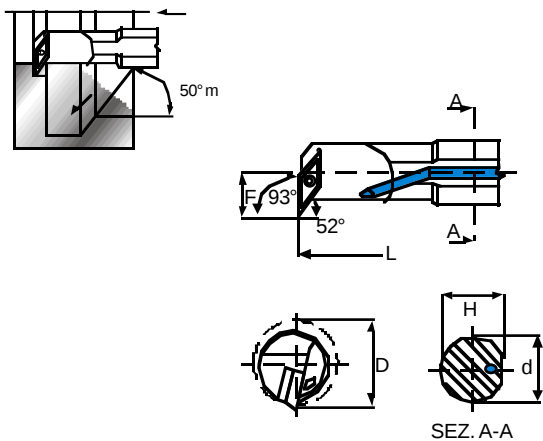
COMAND

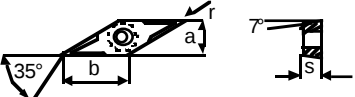


A..SVUCR/L

Internal turning tools
Outils de tournage intérieur
Werkzeuge für Innenbearbeitung

Utensili per tornitura interna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	D	d	F	H	L					
A16M SVUCR/L 11	21	16	12	15	150	VCMT11			TX2506	BTX08
A20Q SVUCR/L 11	25	20	13	19	180	VCMT11			TX2506	BTX08
A25R SVUCR/L 16	32	25	17	24	200	VCMT16			TX3509	BTX15
A32S SVUCR/L 16	40	32	22	31	250	VCMT16	S3516P	BO509	TX3511	BTX15
Inserto	a		b		s	r				
VCMT1103	6.35		11.5		3.78	0.4				
VCMT1604	9.52		16.6		4.76	0.4				

A..SVUCR/L

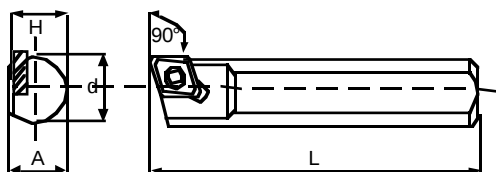


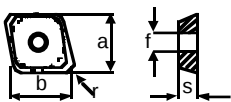


Boring tools components
Outils pour barres d'alésage
Bohrstangeneinsätze

S..SEACL..90°

Utensili per boreni



Codice	Dimensioni mm				Inserto	Parti di Ricambio	
	d	H	A	L			
S08X SEACL06	08	6.5	7.4	35	ECMT06	TX2506	BTX08
S10C SEACL06	10	8	9	50	ECMT06	TX2506	BTX08
S12D SEACL08	12	10	11	60	ECMT08	TX3007	BTX08
S16G SEACL08	16	13	15	90	ECMT08	TX3007	BTX08
Inserto	a	b	s	f	r		
ECMT060204	6.35	6.55	2.5	2.8	0.4		
ECMT080304	7.93	8.2	3.5	3.2	0.4		

S..SEACL..90°





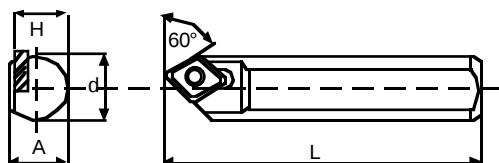
COMAND

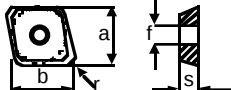


S..SEECL..60°

Boring tools components
Outils pour barres d'alésage
Bohrstangeneinsätze

Utensili per boreni



Codice	Dimensioni mm				Inserto	Parti di Ricambio	
	d	H	A	L			
S08X SEECL06	08	6.5	7.4	35	ECMT06	TX2506	BTX08
S10C SEECL06	10	8	9	50	ECMT06	TX2506	BTX08
S12D SEECL08	12	10	11	60	ECMT08	TX3007	BTX08
S16G SEECL08	16	13	15	90	ECMT08	TX3007	BTX08
Inserto	a	b	s	f	r		
ECMT060204	6.35	6.5	2.5	2.8	0.4		
ECMT080304	7.9	8.2	3.5	3.2	0.4		

S..SEECL..60°

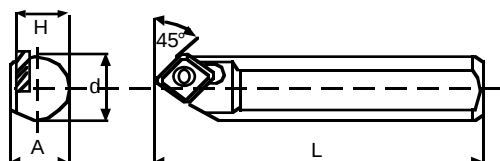


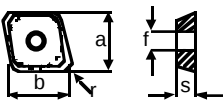


Boring tools components
Outils pour barres d'alésage
Bohrstangeneinsätze

S..SEDCL..45°

Utensili per boreni



Codice	Dimensioni mm				Inserto	Parti di Ricambio	
	d	H	A	L			
S08X SEDCL06	08	6.5	7.4	35	ECMT06	TX2506	BTX08
S10C SEDCL06	10	8	9	50	ECMT06	TX2506	BTX08
S12D SEDCL08	12	10	11	60	ECMT08	TX3007	BTX08
S16G SEDCL08	16	13	15	90	ECMT08	TX3007	BTX08
Inserto	a	b	s	f	r		
ECMT060204	6.35	6.5	2.5	2.8	0.4		
ECMT080304	7.93	8.2	3.5	3.2	0.4		

S..SEDCL..45°





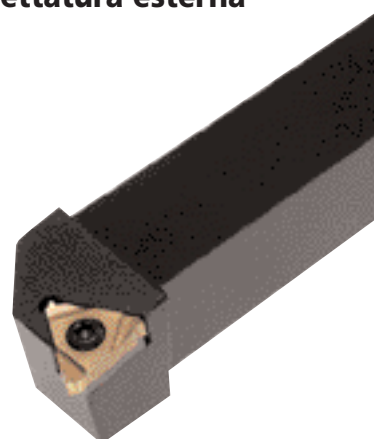
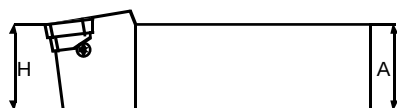
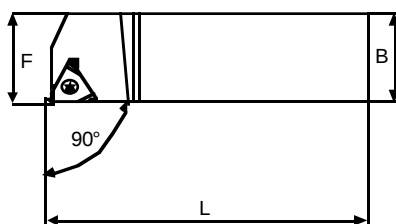
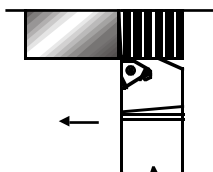
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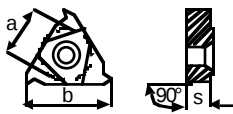


Tools for external threading
Outils pour filetage extérieur
Werkzeuge zum Aussenbearbeiten-Gewindeschneiden

SER/L

Utensili per filettatura esterna



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	F	H	B	A	L					
SER/L 1616 H 16	16	16	16	16	100	16ER/L	S6016R/L	B0502	TX3511	BTX15
SER/L 2020 K 16	20	20	20	20	125	16ER/L	S6016R/L	B0502	TX3511	BTX15
SER/L 2525 M 16	25	25	25	25	150	16ER/L	S6016R/L	B0502	TX3511	BTX15
SER/L 3225 P 16	25	32	25	32	170	16ER/L	S6016R/L	B0502	TX3511	BTX15
SER/L 2525 M 22	25	25	25	25	150	22ER/L	S6022R/L	B0602	TX4010	BTX15
SER/L 3232 P 22	32	32	32	32	170	22ER/L	S6022R/L	B0602	TX4010	BTX15
Inserto	a		b		s					
16ER/L	9.52		16		3.5					
22ER/L	12.7		22		5.5					

COMAND

SER/L



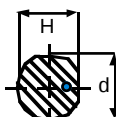
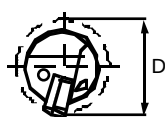
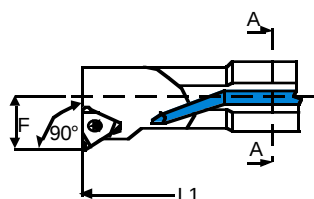
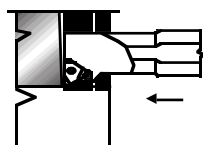
COMAND



A..SIR/L

Tools for internal threading
Outils pour filetage intérieur
Werkzeuge zum Innenbearbeiten-Gewindeschneiden

Utensili per filettatura interna



SEZ. A-A



Codice	Dimensioni mm					Inserto	Parti di Ricambio			
	D	d	F	H	L					
A16M SIR/L16	19	16	10.6	15	150	16IR/L			TX3509	BTX15
A20Q SIR/L16	24	20	13.4	18	180	16IR/L	S6016R/L	B0502	TX3511	BTX15
A25R SIR/L16	29	25	16.3	23	200	16IR/L	S6016R/L	B0502	TX3511	BTX15
A32S SIR/L16	36	32	19.6	30	250	16IR/L	S6016R/L	B0502	TX3511	BTX15
Inserto	a		b		s					
16IR/L	9.52		16		3.5					

A..SIR/L

COMAND





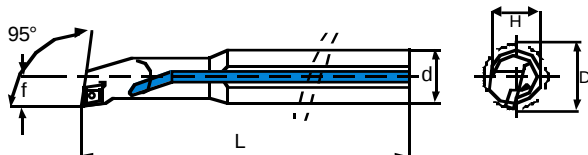
COMAND



Internal turning tools set
Jeu d'outils de tournage intérieur
Werkzeugset für Innenbearbeitung

SETACL0816R/L

Set utensili per tornitura interna



Composizione set di barenatura

N.1 Utensile A08H SCLCR/L 06

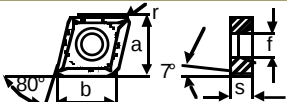
N.1 Utensile A10J SCLCR/L 06

N.1 Utensile A12K SCLCR/L 06

N.1 Utensile A16M SCLCR/L 06

N.1 Chiave BTX08



Codice	Dimensioni mm					Inserto	Parti di Ricambio	
	D	d	f	H	L			
A08H SCLCR/L06	8.5	8	4	7	100	CCMT06..	TX2505	BTX08
A10J SCLCR/L06	12	10	6	9	110	CCMT06..	TX2505	BTX08
A12K SCLCR/L06	14	12	7	11	125	CCMT06..	TX2505	BTX08
A16M SCLCR/L06	18	16	9	15	150	CCMT06..	TX2505	BTX08
Inserto	a	b	s	r				
CCMT060204	6.35	6.45	2.38	0.4				

SETACL0816R/L

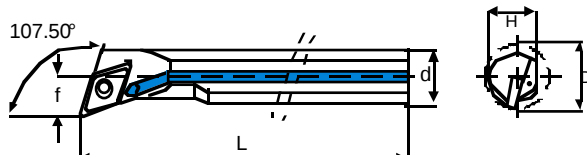




SETADQ1016R/L

Internal turning tools set
Jeu d'outils de tournage intérieur
Werkzeugset für Innenbearbeitung

Set utensili per tornitura interna



Composizione set di barenatura

- N.1 Utensile A10J SDQCR/L 07
- N.1 Utensile A12K SDQCR/L 07
- N.1 Utensile A16M SDQCR/L 07
- N.1 Chiave BTX08



Codice	Dimensioni mm					Inserto	Parti di Ricambio	
	D	d	f	H	L			
A10J SDQCR/L07	12.5	10	7	9	110	DCMT07	TX2506	BTX08
A12H SDQCR/L07	15.5	12	9	11	125	DCMT07	TX2506	BTX08
A16M SDQCR/L07	19.5	16	11	15	150	DCMT07	TX2506	BTX08
Inserto	a	b	s	r				
DCMT0702	6.35	7.75	2.38	0.4				

SETADQ1016R/L



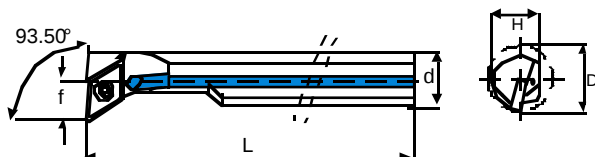


COMAND

Internal turning tools set
Jeu d'outils de tournage intérieur
Werkzeugset für Innenbearbeitung

SETADU1016R/L

Set utensili per tornitura interna



Composizione set di barenatura

N.1 Utensile A10J SDUCR/L 07

N.1 Utensile A12H SDUCR/L 07

N.1 Utensile A16M SDUCR/L 07

N.1 Chiave BTX08



Codice	Dimensioni mm					Inserto	Parti di Ricambio	
	D	d	f	H	L			
A10J SDUCR/L07	12.5	10	7	9	110	DCMT07	TX2506	BTX08
A12H SDUCR/L07	15.5	12	9	11	125	DCMT07	TX2506	BTX08
A16M SDUCR/L07	19.5	16	11	15	150	DCMT07	TX2506	BTX08
Inserto	a	b	s	r				
DCMT070204	6.35	7.75	2.38	0.4				

SETADU1016R/L

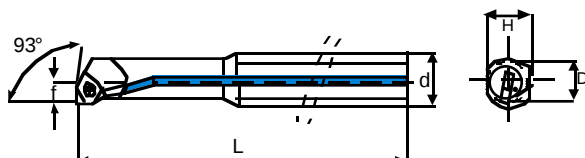




SETAWU0610R/L

Internal turning tools set
Jeu d'outils de tournage intérieur
Werkzeugset für Innenbearbeitung

Set utensili per tornitura interna



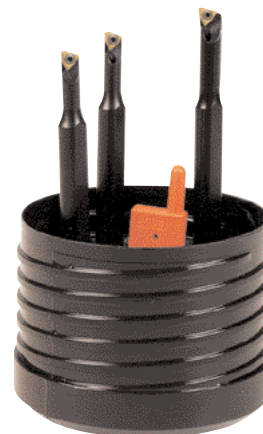
Composizione set di barenatura

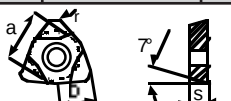
N.1 Utensile A0508H SWUCR/L 02

N.1 Utensile A0608H SWUCR/L 02

N.1 Utensile A0810J SWUCR/L 02

N.1 Chiave BTX06



Codice	Dimensioni mm					Inserto	Parti di Ricambio	
	D	d	f	H	L			
A0508H SWUCR/L02	5.8	8	2.9	7	100	WCGT02	TX2005	BTX06
A0608H SWUCR/L02	7.8	8	3.9	7	100	WCGT02	TX2005	BTX06
A0810J SWUCR/L02	9.8	10	4.9	9	110	WCGT02	TX2005	BTX06
Inserto	a	b	s	r				
WCGT0201	3.97	2.1	1.7	0.2				

SETAWU0610R/L



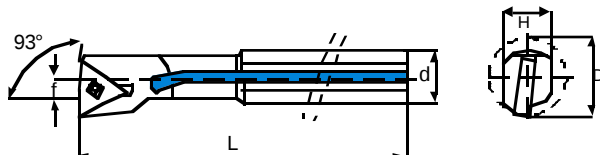


COMAND

Internal turning tools set
Jeu d'outils de tournage intérieur
Werkzeugset für Innenbearbeitung

SETATU0812R/L

Set utensili per tornitura interna



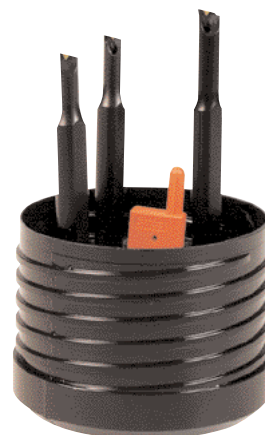
Composizione set di barenatura

N.1 Utensile A08H STUCR/L 06

N.1 Utensile A10J STUCR/L 06

N.1 Utensile A12K STUCR/L 06

N.1 Chiave BTX06



Codice	Dimensioni mm					Inserto	Parti di Ricambio	
	D	d	f	H	L			
A08H STUCR/L06	8.5	8	4.5	7	100	TCMT06	TX2005	BTX06
A10J STUCR/L06	10	10	7.5	9	110	TCMT06	TX2005	BTX06
A12K STUCR/L06	12	10	8.5	11	125	TCMT06	TX2005	BTX06
Inserto	a	b	s	r				
TCMT060102	3.97	6.75	1.98	0.2				

SETATU0812R/L





Note

