

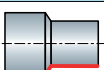
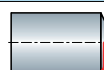
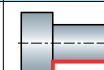
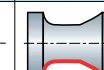
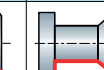
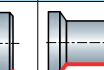
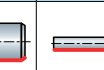


**UTENSILI
DI TORNITURA
ESTERNA**

**TOOLS
TURNING
OUTDOOR**

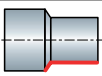
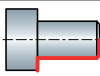
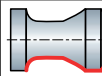
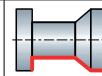
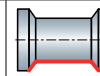
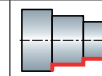


External turning tools Overview · Utensili per tornitura esterna Panoramica

Clamping system Sistema di bloccaggio	Tool Type Tipo utensile	Approach angle Angolo di inclinazione	Turning Application · Applicazione						Workpiece · Pezzo	
			External turning Lavorazione est.	Facing Spianatura	Ext., turning & facing Lavorazione est. e spianatura	Profiling Contornatura	Profiling Contornatura	Profiling Contornatura	Stable Stabile	Unstable Instabile
										
D	DCLNR/L 	95			✓				✓	
	DDJNR/L 	93					✓		✓	
	DSBNR/L 	75	✓						✓	
	DTGNR/L 	91	✓						✓	
	DVVNN 	72.5						✓	✓	
	DVJNR/L 	93					✓		✓	
	DWLNR/L 	95			✓				✓	
P	PCBNR/L 	75	✓						✓	
	PCLNR/L 	95			✓				✓	
	PDJNR/L 	93					✓		✓	✓
	PDNNR/L 	63						✓	✓	
	PSBNR/L 	75	✓						✓	
	PSDNN 	45						✓	✓	
	PSKNR/L 	75		✓					✓	
	PSSNR/L 	45	✓						✓	

✓ Recommended · Raccomandato

External turning tools Overview · Utensili per tornitura esterna - Panoramica

Clamping system Sistema di bloccaggio	Tool Type Tipo utensile	Approach angle Angolo di inclinazione	Turning Application · Applicazione						Workpiece · Pezzo		
			External turning Lavorazione est.	Facing Spianatura	Ext., turning & facing Lavorazione est. e spianatura	Profiling Contornatura	Profiling Contornatura	Profiling Contornatura	Stable Stabile	Unstable Instabile	
											
P	PTFNR/ L 	90		✓					✓	✓	
	PTTNR/ L 	60	✓						✓		
	PTGNR/ L 	90	✓						✓	✓	
	PWLN/ L 	95			✓				✓		
M	MCBNR/ L 	75	✓						✓		
	MCLNR/ L 	95			✓				✓		
	MDJNR/ L 	93					✓		✓	✓	
	MDPNN 	62.5						✓	✓		
	MSBNR/ L 	75	✓						✓		
	MSRNR/ L 	75	✓						✓		
	MSKNR/ L 	75		✓					✓		
	MSDNN 	45						✓	✓		
	MTGNR/ L 	90	✓						✓	✓	
	MTJNR/ L 	93	✓						✓		
	MTJNR/ L-Z 	93		✓			✓		✓		

✓ Recommended · Raccomandato

Turning · Tornitura

External turning tools Overview · Utensili per tornitura esterna - Panoramica

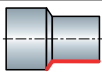
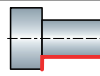
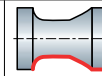
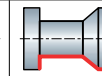
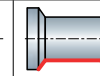
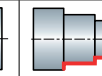
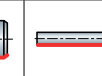
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General Turning
Tornitura generale

Clamping system Sistema di bloccaggio	Tool Type Tipo utensile	Approach angle Angolo di inclinazione	Turning Application · Applicazione						Workpiece · Pezzo		
			External turning Lavorazione est.	Facing Spianatura	Ext., turning & facing Lavorazione est. e spianatura	Profiling Contornatura	Profiling Contornatura	Profiling Contornatura	Stable Stabile	Unstable Instabile	
											
M	MTFNR/ L 	90		✓					✓		
	MVVNN 	72.5						✓	✓		
	MVJNR/ L 	93					✓		✓	✓	
	MWLNR/ L 	95			✓				✓		
	MRGNR/ L 	-				✓			✓		
	MRDNN 	-						✓	✓		
S	SCACR/ L 	90	✓						✓	✓	
	SCLCR/ L 	95			✓				✓	✓	
	SDACR/ L 	90					✓		✓	✓	
	SDJCR/ L 	93					✓		✓	✓	
	SDNCN 	62.5						✓	✓	✓	
	SVJBR/ L 	93					✓		✓	✓	
	SVABR/ L 	90					✓		✓	✓	
	SVVBN 	72.5						✓	✓	✓	
	SVVCN 	72.5						✓	✓	✓	

✓ Recommended · Raccomandato



Clamping system Sistema di bloccaggio	Tool Type Tipo utensile	Approach angle Angolo di inclinazione	Turning Application · Applicazione						Workpiece · Pezzo		
			External turning Lavorazione est.	Facing Spianatura	Ext., turning & facing Lavorazio- ne est. e spianatura	Profiling Contornatura	Profiling Contornatura	Profiling Contornatura	Stable Stabile	Unstable Instabile	
											
S	 SVJCR/ L	93					✓		✓	✓	
	 SSBCR/ L	75	✓						✓		
	 SSDCN	45						✓	✓		
	 SSKCR/ L	75		✓					✓		
	 SSSCR/ L	45	✓						✓		
	 STACR/ L	90	✓						✓	✓	
	 STFCR/ L	91		✓					✓		
	 STGCR/ L	91	✓						✓	✓	
	 STTCR/ L	60	✓						✓		
	 SWACR/ L	90	✓						✓	✓	
	 SRDCN	-						✓	✓		
	 SRGCR/ L	-				✓			✓		
C	 CKJNR/ L	93					✓		✓		
	 CKNNR/ L	63						✓	✓		

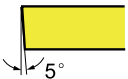
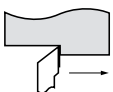
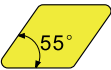
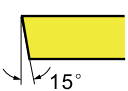
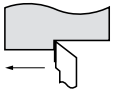
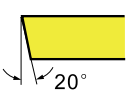
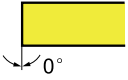
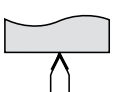
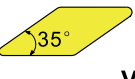
✓ Recommended · Raccomandato

Turning · Tornitura

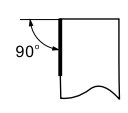
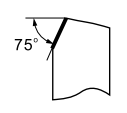
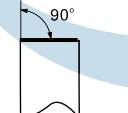
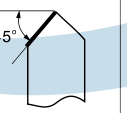
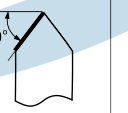
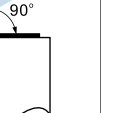
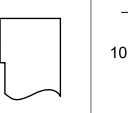
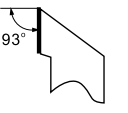
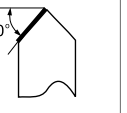
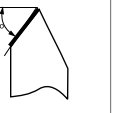
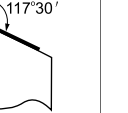
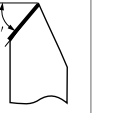
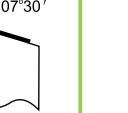
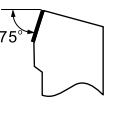
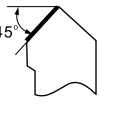
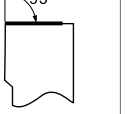
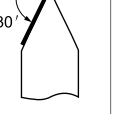
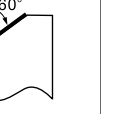
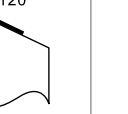
External turning tools Code Key · Utensili per tornitura esterna - Classificazione ISO

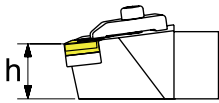
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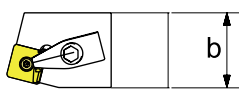
General Turning
Tornitura generale

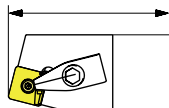
Clamping system Sistema di bloccaggio	Insert shape Forma dell'inserto	Clearance angle of major cutting edge Angolo di spoglia del fianco	Holder execution Versione portautensile
P  lever lock clamping <i>Bloccaggio a leva</i>	 C	 B	 L
M  Screw clamping <i>Bloccaggio a vite</i>	 D	 C	
S  Wedge lock clamping <i>Bloccaggio a cuneo</i>	 R	 D	 R
C  Overhead clamping <i>Bloccaggio a staffa</i>	 S	 E	
D  Double clamping <i>Doppio bloccaggio</i>	 T	 N	 N
	 V	 P	
	 W		

P C L N L

Holder style and lead angle Forma portautensile e angolo di attacco							
A	B	C	D	E	F	G	H
							
J	K	L	M	N	O	P	Q
							
R	S	T	U	V	W	X	
							

Height Altezza stelo	
	
Code	Height Altezza
12	12
16	16
20	20
25	25
32	32
40	40
50	50

Schank width Larghezza stelo	
	
Code	Width Larghezza
12	12
16	16
20	20
25	25
32	32
40	40
50	50

Tool length Lungh. portautensile	
	
Code	Length Lunghezza
H	100
K	125
M	150
P	170
Q	180
R	200
S	250
T	300

A

General Turning
Tornitura generale

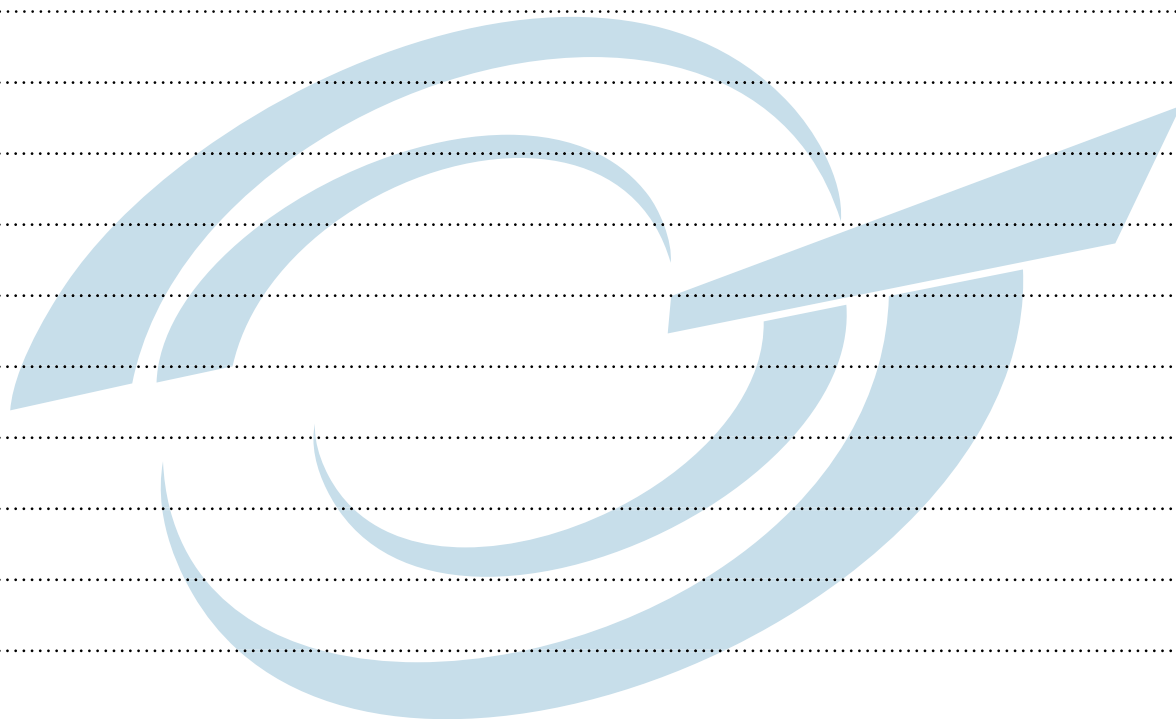
25 25 M 12

Cutting edge length Lunghezza tagliente							
Insert shape Forma dell'inserto	C	D	R	S	T	V	W
							
Diameter of incircle Diametro (mm) CI	Cutting edge length / Lunghezza tagliente						
5.556	---	---	---	---	09	---	---
6.350	06	07	---	---	11	---	---
9.525	09	11	09	09	16	16	06
12.700	12	15	12	12	22	22	08
15.875	16	19	15	15	27	---	---
19.050	19	---	19	19	33	---	---
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32.000	---	---	32	---	---	---	---

NOTES / NOTE :

A

General Turning
Tornitura generale

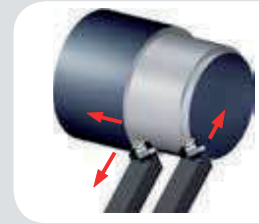
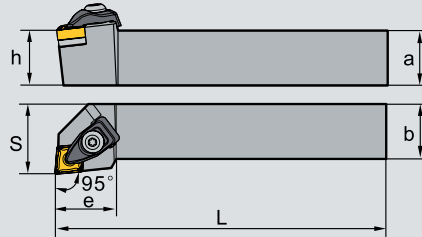


CN** Toolholder · Portautensile

D-Clamping · Portautensile tipo D

DCLNR/ L

Kr:95°



Type Tipo	Stock Magazzino	Dimension (mm) Dimensioni							Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s						
DCLNR/ L	1616H09	●	○	16	16	100	16	20	24					
	2020K09	●	●	20	20	125	20	25	24	CM5x22C	C09BM	WH30L	C1RA	SM5 x8.65XA1 SPR6
	2525M09	●	●	25	25	150	25	32	24					
	2020K12	●	●	20	20	125	20	25	28					
	2525M12	●	●	25	25	150	25	32	28	CM6x25C	C12BM	WH40L	C2RA	SM6 x10XA1 SPR4
	3225P12	●	●	32	25	170	32	32	28					

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore piana 	Flat Parte superiore piana
	SF 	DM 	DR Single side monolaterale 	HPR 	TC 	
	EF 	EM 	ER Double side bilaterale 			
	NF 	NM 	ER Single side monolaterale 			
			LR Single side monolaterale 			
Type · Tipo	DCLNR/L**H/K/M09	CN**0903**	CN**0903**			
	DCLNR/L**K/M/P12	CN**1204**	CN**1204**	CN**1204**	CN**1204**	CN**1204**

Turning · Tornitura

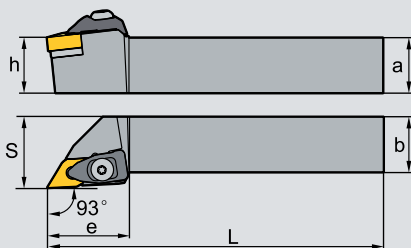
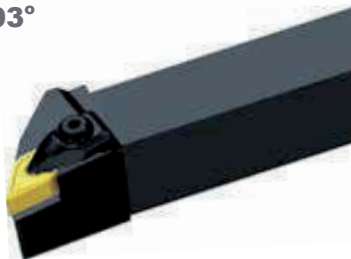
External turning tools · Utensili per tornitura esterna

DN** Toolholder · Portautensile

D-Clamping · Portautensile tipo D

DDJNR/ L

Kr:93°



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e						
DDJNR/L	1616H11	○	○	16	16	100	16	20	30	CM5x22C	D11BM	WH30L	C1RA	SM5 × 8.65XA1	SPR6
	2020K11	●	●	20	20	125	20	25	30						
	2525M11	●	●	25	25	150	25	32	30						
	3225P11	○	○	32	25	170	32	32	30						
	2020K15	●	●	20	20	125	20	25	35	CM6x25C	D15BM	WH40L	C2RA	SM6 × 10XA1	SPR4
	2525M15	●	●	25	25	150	25	32	35						
	3232P15	●	●	32	32	170	32	40	35						

Applicable insert
Inserti

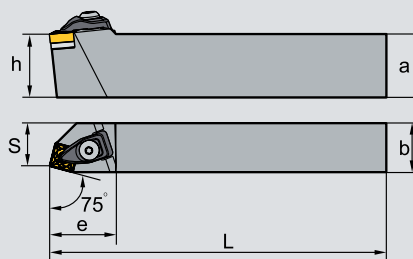
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore piana 	Flat Parte superiore piana
	SF 	DM 	DR Single side monolaterale 			
	EF 	EM 	ER Double side bilaterale 			
	NF 	NM 	ER Single side monolaterale 			
			LR Single side monolaterale 			
Type · Tipo	DDJNR/L **H/K/M/P11	DN**1104**	DN**1104**		DN**1104**	
	DDJNR/L **K/M/P15	DN**1506**	DN**1506**	DN**1506**	DN**1506**	DN**1506**

SN** Toolholder · Portautensile

D-Clamping · Portautensile tipo D

DSBNR/ L

Kr:75°



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e						
DSBNR/L	1616H09	●	○	16	16	100	16	13	26	CM5x22C	S09BM	WH30L	C1RA	SM5 × 8.65XA1	SPR6
	2020K12	●	●	20	20	125	20	17	34						
	2525M12	●	●	25	25	150	25	22	34	CM6x25C	S12BM	WH40L	C2RA	SM6 × 10XA1	SPR4
	3225P12	●	●	32	25	170	32	22	34						
	3232P15	●	●	32	32	170	32	27	41	CM6x25C	S15BM	WH40L	C3RA	SM6 × 10XA2	SPR4

Applicable insert Inserti		Finishing Finitura		Semi-Finishing Asportazione media		Roughing Sgrossatura		Heavy Duty Asportazione pesante		Cast iron machining Lavor. ghisa grigia		PCBN · PCD PCBN · PCD	
Insert shape Forma inserto	DF		PM		DR		HDR		TC			Flat	
	EF		DM		DR		HPR					Flat	
	SF		EM		ER								
			NM		ER								
					LR								
Type · Tipo	DSBNR/L**H09	SN**0903**		SN**0903**		SN**0903**		SN**0903**		SN**0903**		SN**0903**	
	DSBNR/L**K/M/P12	SN**1204**		SN**1204**		SN**1204**		SN**1204**		SN**1204**		SN**1204**	
	DSBNR/L**P15	SN**1506**		SN**1506**		SN**1506**		SN**1506**		SN**1506**		SN**1506**	

Turning · Tornitura

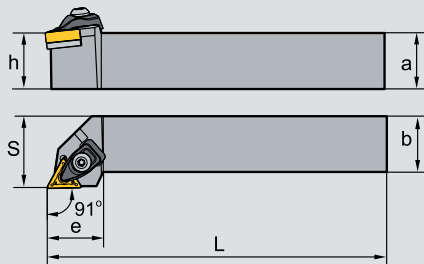
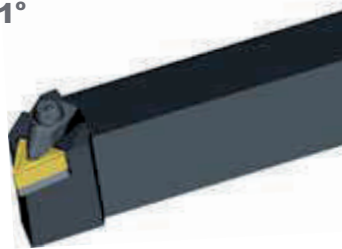
External turning tools · Utensili per tornitura esterna

TN** Toolholder · Portautensile

D-Clamping · Portautensile tipo D

DTGNR/ L

Kr:91°



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e						
DTGNR/L	1616H16	●	●	16	16	100	16	20	25						
	2020K16	●	●	20	20	125	20	25	25	CM5x22C	T16BM	WH30L	C1RA	SM5 × 8.65XA1	SPR6
	2525M16	●	●	25	25	150	25	32	25						

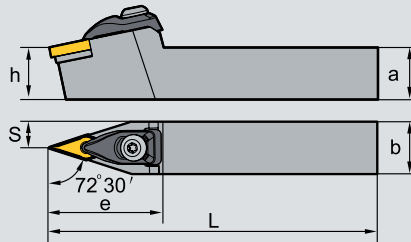
Applicable insert Inserti							
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF		PM	DR Double side bilate- rale	HDR	Flat Parte super- iore piana	Flat Parte super- iore piana
	SF		DM	DR Single side monola- terale		TC	
	EF		EM	ER Double side bilate- rale			
				LR Single side monola- terale			
Type · Tipo	DTGNR/L**H/K/M16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**

VN** Toolholder · Portautensile

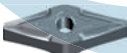
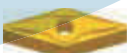
D-Clamping · Portautensile tipo D

DVVNN

Kr:72°30'



Type Tipo		Stock Magazzino	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		N	a	b	L	h	s	e						
DVVNN	2020K16	●	20	20	125	20	10	44	CM5×22C	V16BM	WH30L	C6RA	SM5 × 8.65XA1	SPR6
	2525M16	●	25	25	150	25	12.5	44						

Applicable insert Inserti		Finishing Finitura		Semi-Finishing Asportazione media		PCBN · PCD PCBN · PCD	
Application Applicazione		DF		PM		Flat Parte superiore piana	
Insert shape Forma inserto	EF			DM			
	SF			EM			
	NF			NM			
Type · Tipo	DVVNN**K/M16	VN**1604**		VN**1604**		VN**1604**	

A

General Turning
Tornitura generale

Turning · Tornitura

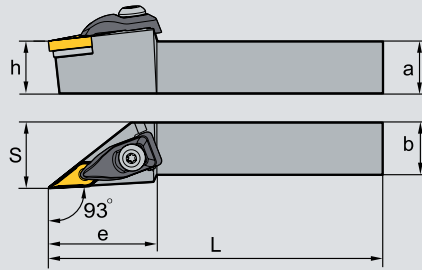
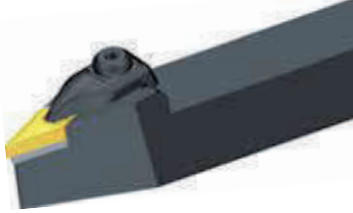
External turning tools · Utensili per tornitura esterna

VN** Toolholder · Portautensile

D-Clamping · Portautensile tipo D

DVJNR/L

Kr:93°



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e						
DVJNR/L	2020K16	●	●	20	20	125	20	25	41	CM5×22C	V16BM	WH30L	C6RA	SM5 × 8.65XA1	SPR6
	2525M16	●	●	25	25	150	25	32	41						

Applicable insert
Inserti

Application
Applicazione

Finishing
Finitura

Semi-Finishing
Asportazione media

PCBN · PCD
PCBN · PCD

DF



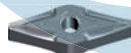
PM



Flat
Parte
superiore
piana



EF



DM



Insert shape
Forma inserto

SF



EM



NF



NM



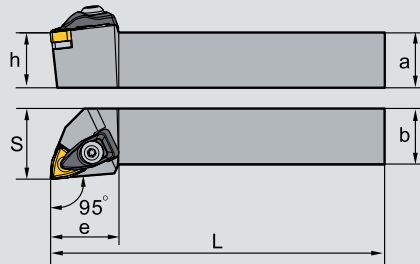
Type · Tipo	DVNN**K/M16	VN**1604**	VN**1604**	VN**1604**

WN** Toolholder · Portautensile

D-Clamping · Portautensile tipo D

DWLNR/ L

Kr:95°



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e						
DWLNR/L	1616H06	●	●	16	16	100	16	20	24						
	2020K06	●	●	20	20	125	20	25	24	CM5×22C	W06BM	WH30L	C1RA	SM5 × 8 65XA1	SPR6
	2525M06	●	●	25	25	150	25	32	24						
	2020K08	●	●	20	20	125	20	25	31						
	2525M08	●	●	25	25	150	25	32	31	CM6×25C	W08BM	WH40L	C2RA	SM6 × 10XA1	SPR4
	3225P08	●	●	32	25	170	32	32	31						

Applicable insert Inserti		Finishing Finitura		Semi-Finishing Asportazione media		Roughing Sgrossatura		Cast iron machining Lavor. Ghisa grigia	
Insert shape Forma inserto	Application Applicazione	DF		PM		DR		TC	
	SF								
	EF								
	NF								
Type · Tipo	DWLNR/L **H/K/M06	WN**0604**		WN**0604**		WN**0604**		WN**0604**	
	DWLNR/L **K/M/P08	WN**0804**		WN**0804**		WN**0804**		WN**0804**	

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

CN** Toolholder · Portautensile

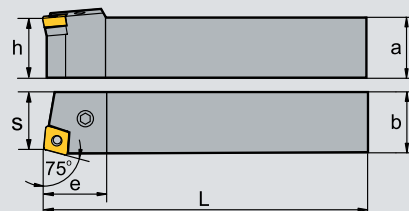
P-Clamping · Portautensile tipo P

PCBNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PCBNR/ L	2020K12	●	●	20	20	125	20	17	27	LEM8×21	C12AP	WH30L	L4	SP4
	2525M12	●	●	25	25	150	25	22	27					
	3232P12	●	●	32	32	170	32	27	27					
	2525M16	●	●	25	25	150	25	22	33	LEM8×25	C16AP	WH30L	L5	SP5
	3232P16	●	●	32	32	170	32	27	33					
	3232P19	●	●	32	32	170	32	27	38	LEM10×27	C19AP	WH40L	L6	SP6
	4040S19	●	●	40	40	250	40	35	38					
	4040S2507	●	●	40	40	250	40	35	50	LEM12×36A	C25AP-07 C25AP	WH50L	L8	SP8
	4040S2509	●	●	40	40	250	40	35	50					

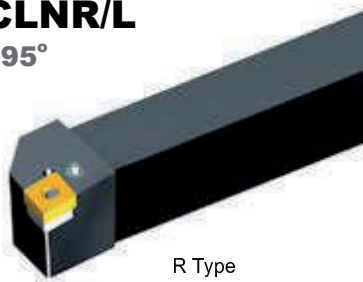
Applicable inserts Inserti						
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Rough machining Sgrossatura	Heavy Duty Asportazione pesante	Cast iron Lavor. ghisa grigia
Inserts Inserti	DF		PM		DR	
	SF		DM		DR	
	EF		EM		ER	
	NF		NM		ER	
				LR		
Type · Tipo	PCBNR/L**K / M / P12	CN**1204**	CN**1204**	CN**1204**	CN**1204**	CN**1204**
	PCBNR/L**M / P16	CN**1606**	CN**1606**	CN**1606**	CN**1606**	CN**1606**
	PCBNR/L**P / S19		CN**1906**	CN**1906**	CN**1906**	CN**1906**
	PCBNR/L**S2507			CN**2507**		
	PCBNR/L**S2509			CN**2509**	CN**2509**	

CN** Toolholder · Portautensile

P-Clamping · Portautensile tipo P

PCLNR/L

Kr:95°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PCLNR/ L	1616H09	●	●	16	16	100	16	20	20	LEM6×13.4A	C09AP	WH25L	L3	SP10
	2020K09	●	●	20	20	125	20	25	22					
	2525M09	○	●	25	25	150	25	32	22					
	2020K12	●	●	20	20	125	20	25	28	LEM8×21	C12AP	WH30L	L4	SP4
	2525M12	●	●	25	25	150	25	32	28					
	3232P12	●	●	32	32	170	32	40	28					
	2525M16	●	●	25	25	150	25	32	33	LEM8×25	C16AP	WH30L	L5	SP5
	3232P16	●	●	32	32	170	32	40	33					
	3232P19	●	●	32	32	170	32	40	38					
	4040S19	●	●	40	40	250	40	50	38	LEM10×27	C19AP	WH40L	L6	SP6
	4040S2507	●	●	40	40	250	40	50	49					
	4040S2509	●	●	40	40	250	40	50	49					
										LEM12×36A	C25AP-07	WH50L	L8	SP8
										C25AP				

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore piana 	Flat Parte superiore piana
	SF 	DM 	DR Single side monolaterale 	HPR 	TC 	
	EF 	EM 	ER Double side bilaterale 			
	NF 	NM 	ER Single side monolaterale 			
			LR Single side monolaterale 			
Type · Tipo	PCLNR/L**H / K / M09	CN**0903**	CN**0903**			
	PCLNR/L**K / M / P12	CN**1204**	CN**1204**	CN**1204**	CN**1204**	CN**1204**
	PCLNR/L**M / P16	CN**1606**	CN**1606**	CN**1606**	CN**1606**	
	PCLNR/L**P / S19		CN**1906**	CN**1906**	CN**1906**	
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	PCLNR/L**S2509			CN**2509**	CN**2509**	

Turning · Tornitura

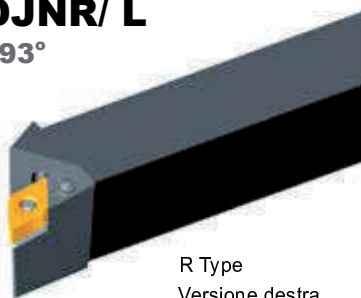
External turning tools · Utensili per tornitura esterna

DN** Toolholder · Portautensile

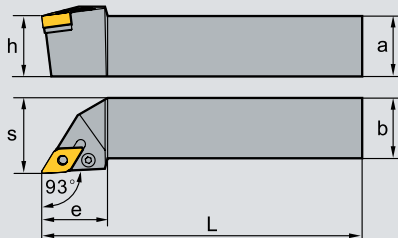
P-Clamping · Portautensile tipo P

PDJNR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PDJNR/ L	1616H11	●	●	16	16	100	16	20	25	LEM6×13.4A	D11AP	WH25L	L3	SP3
	2020K11	●	●	20	20	125	20	25	25					
	2525M11	●	●	25	25	150	25	32	30					
	2020K15	●	●	20	20	125	20	25	35					
	2525M15	●	●	25	25	150	25	32	35	LEM8×21	D15AP	WH30L	L4B	SP4
	3232P15	●	●	32	32	170	32	40	35					
	2020K15-3	●	●	20	20	125	20	25	35	LEM8×21	D15AP	WH30L	L4	SP4
	2525M15-3	●	●	25	25	150	25	32	35					
	*3232P15-3	●	●	32	32	170	32	40	35					

* For DNMG1504 / Per DNMG1504

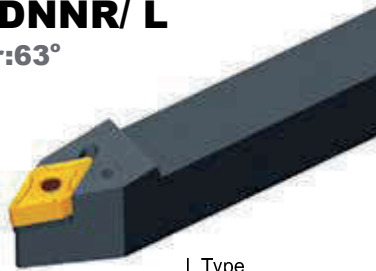
Applicable insert Inserti							
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD	
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore piana 	Flat Parte superiore piana 	
	SF 	DM 	DR Single side monolaterale 				
	EF 	EM 	ER Double side bilaterale 				
	NF 	NM 	ER Single side monolaterale 				
			LR Single side monolaterale 				
Type · Tipo	PDJNR/L**H / K / M11	DN**1104**	DN**1104**		DN**1104**		
	PDJNR/L**K / M / P15	DN**1506**	DN**1506**	DN**1506**	DN**1506**	DN**1506**	DN**1506**
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DN** Toolholder · Portautensile

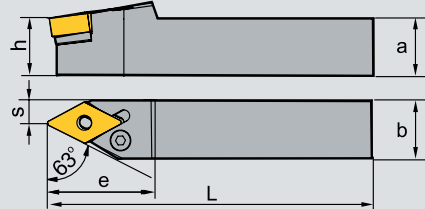
P-Clamping · Portautensile tipo P

PDNNR/ L

Kr:63°



L Type
Versione sinistra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PDNNR/ L	2020K15	●	●	20	20	125	20	8	37	LEM8×21	D15AP	WH30L	L4B	SP4
	2525M15	●	●	25	25	150	25	12.5	37					
	3232P15	●	●	32	32	170	32	16	37					
	2020K15-3	●	●	20	20	125	20	8	37	LEM8×21	D15AP	WH30L	L4	SP4
	2525M15-3	●	●	25	25	150	25	12.5	37					
	*3232P15-3	●	●	32	32	170	32	16	37					

* For DNMG1504 / Per DNMG1504

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore plana 	Flat Parte superiore plana 
	SF 	DM 	DR Single side mono-laterale 			
	EF 	EM 	ER Double side bilaterale 			
	NF 	NM 	ER Single side mono-laterale 			
			LR Single side mono-laterale 			
Type · Tipo	PDNNR/L**K / M/ P15	DN**1506**	DN**1506**	DN**1506**	DN**1506**	DN**1506**
	PDNNR/L**K / M/ P15-3	DN**1504**	DN**1504**		DN**1504**	DN**1504**

Turning · Tornitura

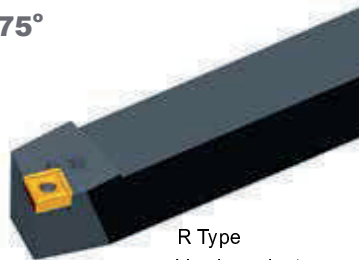
External turning tools · Utensili per tornitura esterna

SN** Toolholder · Portautensile

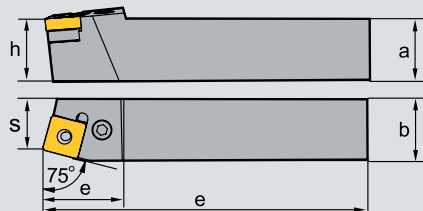
P-Clamping · Portautensile tipo P

PSBNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni					Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s					
PSBNR/ L	1616H09	●	●	16	16	100	16	13	LEM6×13.4A	S09AP	WH25L	L3	SP10
	2020K09	●	●	20	20	125	20	17					
	2020K12	●	●	20	20	125	20	17					
	2525M12	●	●	25	25	125	25	22	LEM8×21	S12AP	WH30L	L4	SP4
	3225P12	●	○	32	25	170	32	22					
	3232P12	●	●	32	32	170	32	27					
	2525M15	●	○	25	25	150	25	22	LEM8×25	S15AP	WH30L	L5	SP5
	3232P15	●	●	32	32	170	32	27					
	3232P19	●	●	32	32	170	32	27	LEM10×27	S19AP	WH40L	L6	SP6
	4040S19	●	●	40	40	250	40	35					
	4040S2507	○	○	40	40	250	40	35	LEM12×36A	S25AP	WH50L	L8	SP8
	4040S2509	○	○	40	40	250	40	35		S25AP-09			

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	EF	DM	DR Single side monolaterale	HPR	TC	
	SF	EM	ER Double side bilaterale			
		NM	ER Single side monolaterale			
			LR Single side monolaterale			

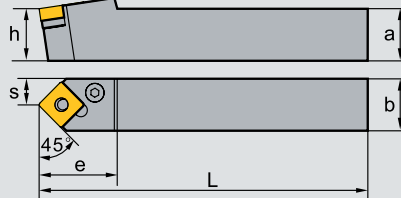
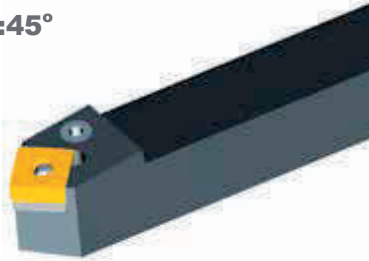
Type · Tipo	PSBNR/L**H / K09	SN**0903**	SN**0903**		SN**0903**	
	PSBNR/L**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	PSBNR/L**M / P15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	
	PSBNR/L**P / S19		SN**1906**	SN**1906**	SN**1906**	
	PSBNR/L**S2507			SN**2507**	SN**2507**	
	PSBNR/L**S2509			SN**2509**	SN**2509**	

SN** Toolholder · Portautensile

P-Clamping · Portautensile tipo P

PSDNN

Kr:45°



Type Tipo		Stock Magazzino	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
			a	b	L	h	s	e					
PSDNN	1212F09	○	12	12	80	12	6	21	LEM5×12B	—	WH20L	L3B	—
	1616H09	●	16	16	100	16	8	23	LEM6×13.4A	S09AP	WH25L	L3	SP10
	2020K12	●	20	20	125	20	10	30	LEM8×21	S12AP	WH30L	L4	SP4
	2525M12	●	20	20	150	20	12.5	30					
	3232P12	●	32	32	170	32	16	40					
	2525M15	●	25	25	150	25	12.5	40	LEM8×25	S15AP	WH30L	L5	SP5
	3232P15	●	32	32	170	32	16	40					
	3232P19	●	32	32	170	32	16	40	LEM10×27	S19AP	WH40L	L6	SP6
	4040S19	●	40	40	250	40	20	40					

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore piana 	Flat Parte superiore piana
	EF 	DM 	DR Single side monolaterale 	HPR 	TC 	
	SF 	EM 	ER Double side bilaterale 			
		NM 	ER Single side monolaterale 			
			LR Single side monolaterale 			
Type · Tipo	PSDNN**F / H09	SN**0903**	SN**0903**		SN**0903**	
	PSDNN**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	PSDNN**M / P15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	
	PSDNN**P / S19		SN**1906**	SN**1906**	SN**1906**	

Turning · Tornitura

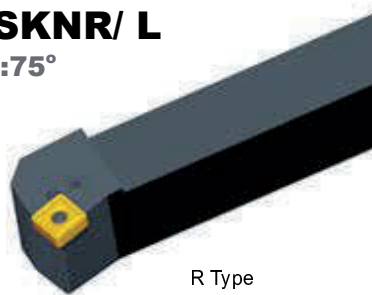
External turning tools · Utensili per tornitura esterna

SN** Toolholder · Portautensile

P-Clamping · Portautensile tipo P

PSKNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PSKNR/ L	1616H09	○	●	16	16	100	16	20	17	LEM6×13.4A	S09AP	WH25L	L3	SP10
	2020K09	●	●	20	20	125	20	25	20					
	2020K12	●	●	20	20	125	20	25	26					
	2525M12	●	●	25	25	150	25	32	26	LEM8×21	S12AP	WH30L	L4	SP4
	3232P12	●	●	32	32	170	32	40	26					
	2525M15	●	○	25	25	150	25	32	32	LEM8×25	S15AP	WH30L	L5	SP5
	3232P15	●	●	32	32	170	32	40	32					
	3232P19	●	●	32	32	170	32	40	36	LEM10×27	S19AP	WH40L	L6	SP6
	4040S19	○	○	40	40	250	40	50	40					

Applicable insert
Inserti

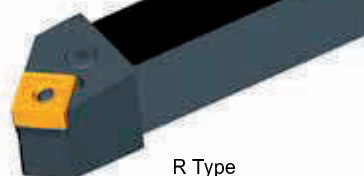
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	EF	DM	DR Single side monolaterale	HPR	TC	
	SF	EM	ER Double side bilaterale			
		NM	ER Single side monolaterale			
			LR Single side monolaterale			
Type · Tipo	PSKNR/ L**H / K09	SN**0903**	SN**0903**		SN**0903**	
	PSKNR/ L**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	PSKNR/ L**M / P15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	
	PSKNR/ L**P / S19		SN**1906**	SN**1906**	SN**1906**	

SN** Toolholder · Portautensile

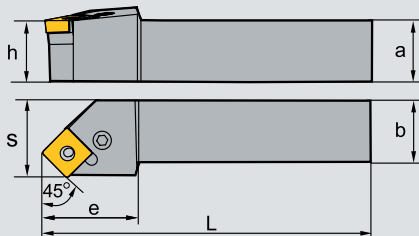
P-Clamping · Portautensile tipo P

PSSNR/ L

Kr:45°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziale
		R	L	a	b	L	h	s	e					
PSSNR/ L	1616H09	●	●	16	16	100	16	20	25	LEM6×13.4A	S09AP	WH25L	L3	SP10
	2020K12	●	●	20	20	125	20	25	30					
	2525M12	●	●	25	25	150	25	32	30	LEM8×21	S12AP	WH30L	L4	SP4
	3232P12	●	●	32	32	170	32	40	40					
	2525M15	●	●	25	25	150	25	32	30	LEM8×25	S15AP	WH30L	L5	SP5
	3232P15	●	●	32	32	170	32	40	40					
	3232P19	●	●	32	32	170	32	40	40	LEM10×27	S19AP	WH40L	L6	SP6
	4040S19	●	●	40	40	250	40	50	50					
	4040S2507	●	●	40	40	250	40	50	50	LEM12×36A	S25AP	WH50L	L8	SP8
	4040S2509	●	●	40	40	250	40	50	50		S25AP-09			

Applicable insert Inserti												
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia		PCBN · PCD PCBN · PCD				
Insert shape Forma inserto	DF		PM		DR Double side bilaterale		HDR		Flat Parte superiore piana		Flat Parte superiore piana	
	EF		DM		DR Single side monolaterale		HPR		TC			
	SF		EM		ER Double side bilaterale							
			NM		ER Single side monolaterale							
					LR Single side monolaterale							
Type · Tipo	PSSNR/ L**H09	SN**0903**	SN**0903**	SN**0903**				SN**0903**				
	PSSNR/ L**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**			SN**1204**	
	PSSNR/ L**M / P15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**				
	PSSNR/ L**P / S19		SN**1906**	SN**1906**	SN**1906**	SN**1906**	SN**1906**	SN**1906**				
	PSSNR/ L**S2507			SN**2507**	SN**2507**	SN**2507**	SN**2507**					
	PSSNR/ L**S2509			SN**2509**	SN**2509**	SN**2509**						

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

TN** Toolholder · Portautensile

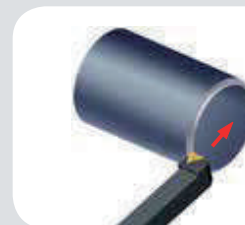
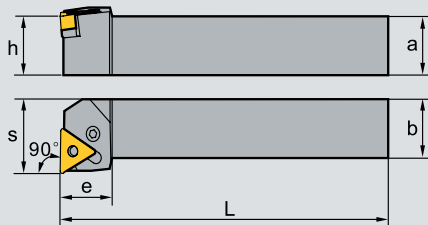
P-Clamping · Portautensile tipo P

PTFNR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PTFNR/ L	1616H16	●	●	16	16	100	16	20	20	LEM6×13.4A	T16AP	WH25L	L3	SP3
	2020K16	●	●	20	20	125	20	25	20					
	2525M16	●	●	25	25	150	25	32	20					
	2525M22	●	●	25	25	150	25	32	25	LEM8×21	T22AP	WH30L	L4	SP4
	3232P22	●	●	32	32	170	32	40	25					
	3232P27	●	○	32	32	170	32	40	34	LEM8×25	T27AP	WH30L	L5	SP5
	4040S27	○	○	40	40	250	40	50	34					

Applicable insert
Inserti

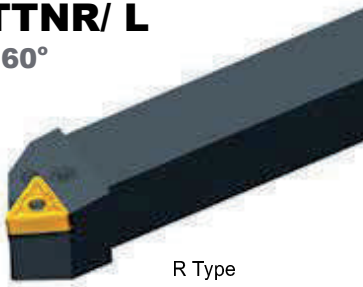
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bi-late- rale 	HDR 	Flat Parte super- iore piana 	Flat Parte super- iore piana 	
	SF 	DM 	DR Single side monola- terale 		TC 		
	EF 	EM 	ER Double side bi-late- rale 				
				LR Single side monola- terale 			
Type · Tipo	PTFNR/ L**H / K / M16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**
	PTFNR/ L**M / P22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	TN**2204**	
	PTFNR/ L**P / S27			TN**2706**	TN**2706**	TN**2706**	

TN** Toolholder · Portautensile

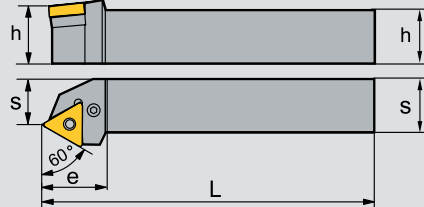
P-Clamping · Portautensile tipo P

PTTNR/ L

Kr:60°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziale
		R	L	a	b	L	h	s	e					
PTTNR/ L	1616H16	●	●	16	16	100	16	13	25	LEM6×13.4A	T16AP	WH25L	L3	SP3
	2020K16	●	●	20	20	125	20	17	25					
	2525M22	●	●	25	25	150	20	22	32	LEM8×21	T22AP	WH30L	L4	SP4

Applicable insert
Inserti

Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF		PM	DR	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	SF		DM	DR		TC	
	EF		EM	ER			
				LR			
Type · Tipo	PTTNR / L**H / K16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**
	PTTNR / L**M22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	TN**2204**	

Turning · Tornitura

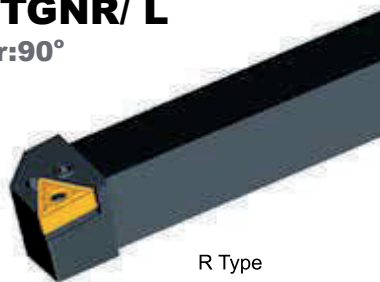
External turning tools · Utensili per tornitura esterna

TN** Toolholder · Portautensile

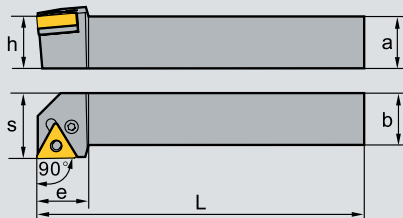
P-Clamping · Portautensile tipo P

PTGNR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PTGNR/ L	1010E11	○	○	10	10	70	10	14	16	LEM5×9B	—	WH20L	L2	—
	1212F11	○	○	12	12	80	12	16	14					
	1616H11	●	●	16	16	100	16	20	18					
	2020K11	●	●	20	20	125	20	25	19					
	2525M11	○	●	25	25	150	25	32	20	LEM6×13.4A	T16AP	WH25L	L3	SP3
	1616H16	●	●	16	16	100	16	20	20					
	2020K16	●	●	20	20	125	20	25	20					
	2525M16	●	●	25	25	150	25	32	20					
	3232P16	●	●	32	32	170	32	40	20	LEM8×21	T22AP	WH30L	L4	SP4
	2525M22	●	●	25	25	150	25	32	28					
	3232P22	●	●	32	32	170	32	40	28					
	3232P27	●	●	32	32	170	32	40	33					
	4040S27	○	●	40	40	250	40	50	33	LEM8×25	T27AP	WH30L	L5	SP5

Applicable insert
Inserti

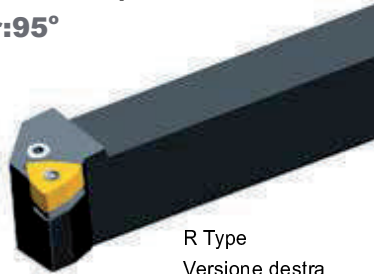
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	SF	DM	DR Single side monolaterale		TC	
	EF	EM	ER Double side bilaterale			
			LR Single side monolaterale			
Type · Tipo	PTGNR/L**E / F / H / K / M11	TN**1103**	TN**1103**		TN**1103**	
	PTGNR/L**H / K / M16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**
	PTGNR / L**M / P22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	
	PTGNR/L**P / S27		TN**2706**	TN**2706**	TN**2706**	

WN** Toolholder · Portautensile

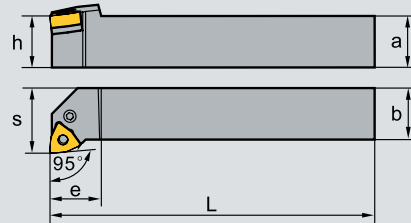
P-Clamping · Portautensile tipo P

PWLNR/ L

Kr:95°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Wrench Chiave	Lever Leva di fissaggio	Shim pin Perno distanziatore
		R	L	a	b	L	h	s	e					
PWLNR/ L	1616H06	●	●	16	16	100	16	20	20	LEM6×13.4A	W06AP	WH25L	L3	SP3
	2020K06	●	●	20	20	125	20	25	20					
	2525M06	●	●	25	25	150	25	32	20					
	2020K08	●	●	20	20	125	20	25	26	LEM8×21	W08AP	WH30L	L4	SP4
	2525M08	●	●	25	25	150	25	32	26					

Applicable insert
Inserto utilizzabile

Application
Applicazione

Finishing
Finitura

Semi-Finishing
Asportazione media

Roughing
Sgrossatura

Cast iron machining
Lavor. ghisa grigia

Insert shape
Forma inserto

DF



PM



DR
Double
side
bilateral



TC
Flat
Parte
superiore
piana



SF



DM



EF



EM



NF



NM



Type · Tipo **PWLNR/ L**H / K / M06**

WN**0604**

WN**0604**

WN**0604**

WN**0604**

PWLNR/ LK / M08**

WN**0804**

WN**0804**

WN**0804**

WN**0804**

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

CN** Toolholder · Portautensile

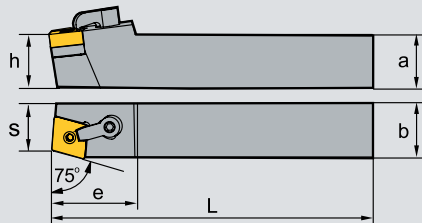
M-Clamping · Portautensile tipo M

MCBNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MCBNR/ L	2020K12	●	○	20	20	125	20	17	32	DM6×25				
	2525M12	●	●	25	25	150	20	22	32	DM6×30	C12BM	WH30L	C1RD	TM6×17
	3225P12	●	●	32	25	170	32	22	32					
	2525M16	○	○	25	25	150	25	22	40	DM6×30	C16BM	WH30L	C2RD	TM8×21
	3232P16	●	●	32	32	170	32	27	40					
	3232P19	○	○	32	32	170	32	27	45					
	4040R19	○	○	40	40	200	40	35	45	DM8×30X	C19BM	WH40L	C5RD	TM10×21

Applicable insert
Inserti

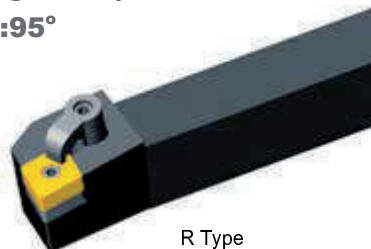
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana
	SF	DM	DR Single side monolaterale	HPR	TC
	EF	EM	ER Double side bilaterale		
	NF	NM	ER Single side monolaterale		
			LR Single side monolaterale		
Type · Tipo	MCBNR/ L**K / M / P12	CN**1204**	CN**1204**	CN**1204**	CN**1204**
	MCBNR/ L**M / P16	CN**1606**	CN**1606**	CN**1606**	CN**1606**
	MCBNR/ L**P / R19		CN**1906**	CN**1906**	CN**1906**

CN** Toolholder · Portautensile

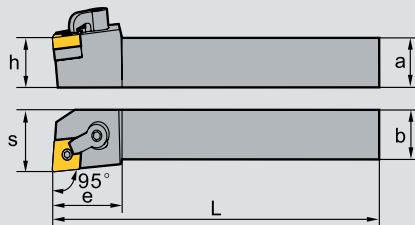
M-Clamping · Portautensile tipo M

MCLNR/ L

Kr:95°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MCLNR/ L	2020K12	●	●	20	20	125	20	25	32	DM6×25				
	2525M12	●	●	25	25	150	25	32	32	DM6×30	C12BM	WH30L	C1RD	TM6×17
	3225P12	●	●	32	25	170	32	32	32					
	2525M16	●	●	25	25	150	25	32	38	DM6×30	C16BM	WH30L	C2RD	TM8×21
	3232P16	●	●	32	32	170	32	40	38					
	3232P19	●	●	32	32	170	32	40	45					
	4040R19	●	○	40	40	200	40	50	45	DM8×30X	C19BM	WH40L	C5RD	TM10×21

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore plana 	Flat Parte superiore plana
	SF 	DM 	DR Single side mono-laterale 	HPR 	TC 	
	EF 	EM 	ER Double side bilaterale 			
	NF 	NM 	ER Single side mono-laterale 			
			LR Single side mono-laterale 			
Type · Tipo	MCLNR/ L**K / M / P12	CN**1204**	CN**1204**	CN**1204**	CN**1204**	CN**1204**
	MCLNR/ L**M / P16	CN**1606**	CN**1606**	CN**1606**	CN**1606**	CN**1606**
	MCLNR/ L**P / R19		CN**1906**	CN**1906**	CN**1906**	CN**1906**

Turning · Tornitura

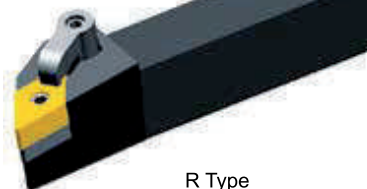
External turning tools · Utensili per tornitura esterna

DN** Toolholder · Portautensile

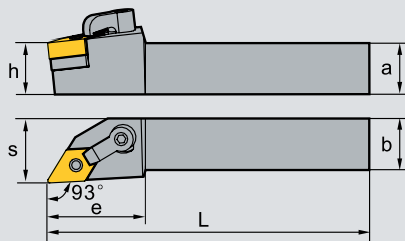
M-Clamping · Portautensile tipo M

MDJNR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MDJNR/ L	2020K11	●	●	20	20	125	20	25	32	DM6×25	D11BM	WH20L WH30L	C1RD	TM5×13
	2525M11	●	●	25	25	150	25	32	32	DM6×30				
	3225P11	●	○	32	25	170	32	32	32	DM6×30				
	2020K15	●	●	20	20	125	20	25	38	DM6×25	D15BM	WH30L	C2RD	TM6×19
	2525M15	●	●	25	25	150	25	32	38	DM6×30				
	3225P15	●	●	32	25	170	32	32	38	DM6×30				

Applicable insert
Inserti

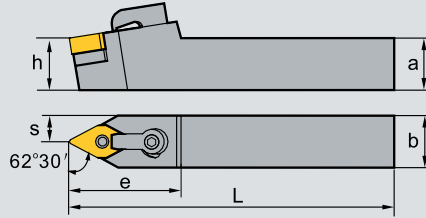
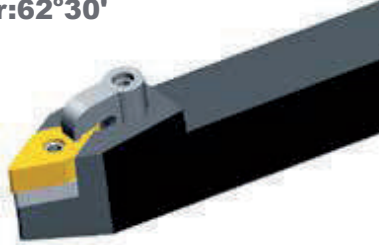
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	SF	DM	DR Single side monolaterale			
	EF	EM	ER Double side bilaterale			
	NF	NM	ER Single side monolaterale			
			LR Single side monolaterale			
Type · Tipo	MDJNR/ L**K / M / P11	DN**1104**	DN**1104**		DN**1104**	
	MDJNR/ L**K / M / P15	DN**1506**	DN**1506**	DN**1506**	DN**1506**	DN**1506**

DN** Toolholder · Portautensile

M-Clamping · Portautensile tipo M

MDPNN

Kr:62°30'



Type Tipo	Stock Magazzino	Dimension (mm) Dimensioni							Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		a	b	L	h	s	e						
MDPNN	2020K11	●	20	20	125	20	10	35	DM6×25				
	2525M11	●	25	25	150	25	12.5	35	DM6×30	D11BM	WH20L WH30L	C1RD	TM5×13
	3225P11	●	32	25	170	32	12.5	35					
	2020K15	●	20	20	125	20	10	40	DM6×25				
	2525M15	●	25	25	150	25	12.5	40	DM6×30	D15BM	WH30L	C2RD	TM6×19
	3225P15	●	32	25	170	32	12.5	40					

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore plana 	Flat Parte superiore plana
	SF 	DM 	DR Single side monolaterale 			
	EF 	EM 	ER Double side bilaterale 			
	NF 	NM 	ER Single side monolaterale 			
			LR Single side monolaterale 			

Type · Tipo	MDPNN**K / M / P11	DN**1104**	DN**1104**		DN**1104**	
	MDPNN**K / M / P15	DN**1506**	DN**1506**	DN**1506**	DN**1506**	DN**1506**

Turning · Tornitura

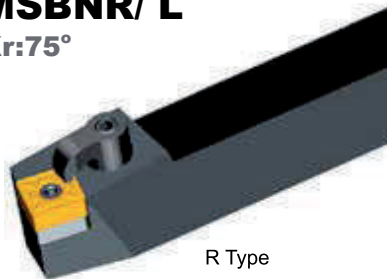
External turning tools · Utensili per tornitura esterna

SN** Toolholder · Portautensile

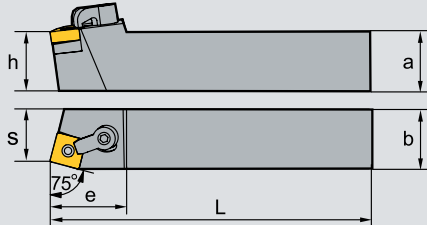
M-Clamping · Portautensile tipo M

MSBNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MSBNR/ L	2020K12	●	●	20	20	125	20	17	32	DM6×25				
	2525M12	●	○	25	25	150	25	22	32	DM6×30	S12BM	WH30L	C1RD	TM6×17
	3225P12	●	○	32	25	170	32	22	32					
	2525M15	●	○	25	25	150	25	22	38					
	3232P15	●	○	32	32	170	32	29	38	DM6×30	S15BM	WH30L	C2RD	TM8×21
	4032R15	○	○	40	32	200	40	27	38					
	3232P19	○	○	32	32	170	32	27	45					
	4040R19	○	●	40	40	200	40	35	45	DM8×30X	S19BM	WH40L	C5RD	TM10×21
	4040R25	●	○	40	40	200	40	35	50			WH40L		
	4040S2509	○	○	40	40	250	40	35	50	DM10×35X	S25BM	WH40L WH50L	C6RD	TM12×29

Applicable insert
Inserti

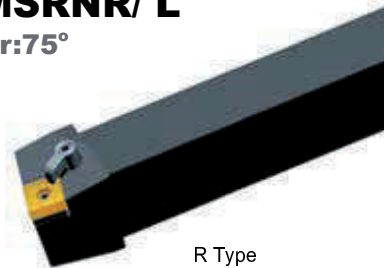
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF		PM	DR	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	EF		DM	DR	HPR	TC	
	SF		EM	ER			
			NM	ER			
				LR			
Type · Tipo	MSBNR / L**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	MSBNR / L**M / P / R15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**	
	MSBNR / L**P / R19		SN**1906**	SN**1906**	SN**1906**	SN**1906**	
	MSBNR / L**R / S2509			SN**2509**	SN**2509**		

SN** Toolholder · Portautensile

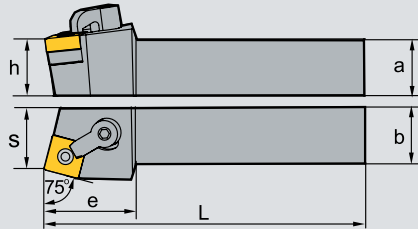
M-Clamping · Portautensile tipo M

MSRNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MSRNR/ L	2020K12	●	●	20	20	125	20	22	36	DM6×25				
	2525M12	●	●	25	25	150	25	27	36	DM6×30	S12BM	WH30L	C1RD	TM6×17
	3225P12	●	○	32	25	170	32	27	36					
	2525M15	●	○	25	25	150	25	27	40					
	3232P15	●	○	32	32	170	32	35	40	DM6×30	S15BM	WH30L	C2RD	TM8×21
	4032R15	○	○	40	32	200	40	35	40					
	3232P19	○	○	32	32	170	32	35	45					
	4040R19	○	○	40	40	200	40	43	45	DM8×30X	S19BM	WH40L	C5RD	TM10×21
	4040R2509	○	○	40	40	200	40	43	50					
	4040S2509	○	○	40	40	250	40	43	50	DM10×35X	S25BM	WH40L WH50L	C6RD	TM12×29

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	EF	DM	DR Single side monolaterale	HPR	TC	
	SF	EM	ER Double side bilaterale			
		NM	ER Single side monolaterale			
			LR Single side monolaterale			
Type · Tipo	MSRNR / L**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	MSRNR / L**M / P / R15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**
	MSRNR / L**P / R19		SN**1906**	SN**1906**	SN**1906**	
	MSRNR / L**R / S2509			SN**2509**	SN**2509**	

Turning · Tornitura

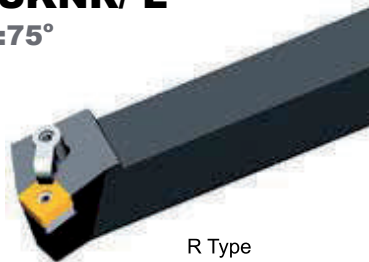
External turning tools · Utensili per tornitura esterna

SN** Toolholder · Portautensile

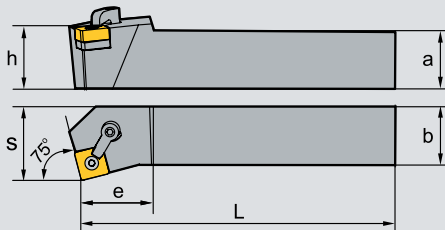
M-Clamping · Portautensile tipo M

MSKNR/ L

Kr:75°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MSKNR/ L	2020K12	●	●	20	20	125	20	25	32	DM6×25				
	2525M12	●	●	25	25	150	25	32	32	DM6×30	S12BM	WH30L	C1RD	TM6×17
	3225P12	●	○	32	25	170	32	32	32					
	2525M15	●	○	25	25	150	25	32	28					
	3232P15	●	○	32	32	170	32	40	38	DM6×30	S15BM	WH30L	C2RD	TM8×21
	4032R15	○	○	40	32	200	40	40	38					
	3232P19	●	○	32	32	170	32	40	45	DM8×30X	S19BM	WH40L	C5RD	TM10×21
	4040R19	○	○	40	40	200	40	50	45					
	4040S2509	○	●	40	40	250	40	50	50	DM10×35X	S25BM	WH40L WH50L	C6RD	TM12×29

Applicable insert
Inserti

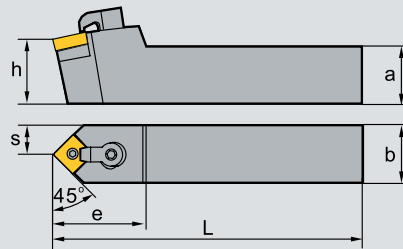
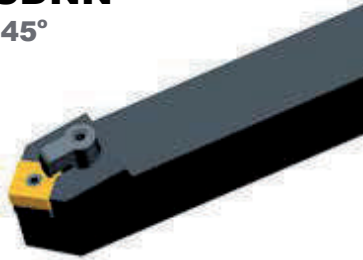
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	EF	DM	DR Single side monolaterale	HPR	TC	
	SF	EM	ER Double side bilaterale			
		NM	ER Single side monolaterale			
			LR Single side monolaterale			
Type · Tipo	MSKNR / L**K / M / P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	MSKNR / L**M / P / R15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	
	MSKNR / L**P / R19		SN**1906**	SN**1906**	SN**1906**	
	MSKNR / L**S2509			SN**2509**	SN**2509**	

SN** Toolholder · Portautensile

M-Clamping · Portautensile tipo M

MSDNN

Kr:45°



Type Tipo		Stock Magaz- zino	Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
			a	b	L	h	s	e					
MSDNN	2020K12	●	20	20	125	20	10	35	DM6×25				
	2525M12	●	25	25	150	25	12.5	35	DM6×30	S12BM	WH30L	C1RD	TM6×17
	3225P12	●	32	25	170	32	12.5	35					
	2525M15	●	25	25	150	25	12.5	42					
	3232P15	○	32	32	170	32	16	42	DM6×30	S15BM	WH30L	C2RD	TM8×21
	4032R15	○	40	32	200	40	16	42					

Applicable insert
Inserti

Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF		PM	DR	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	EF		DM	DR	HPR	TC	A131
	SF		EM	ER			
			NM	ER			
				LR			
Type · Tipo	MSDNN**K · M · P12	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**	SN**1204**
	MSDNN**M · P · R15	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**	SN**1506**

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

TN** Toolholder · Portautensile

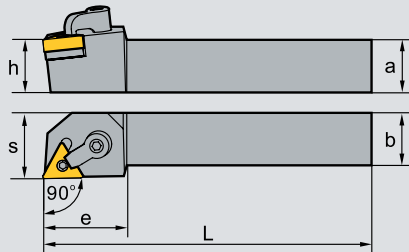
M-Clamping · Portautensile tipo M

MTGNR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MTGNR/ L	2020K16	●	○	20	20	125	20	25	33	DM6×25				
	2525M16	●	●	25	25	150	25	32	33	DM6×30	T16BM	WH20L WH30L	C1RD	TM5×13
	3225P16	●	○	32	25	170	32	32	33					
	2525M22	●	○	25	25	150	25	32	35	DM6×30	T22BM	WH30L	C2RD	TM6×17
	3225P22	○	○	32	25	170	32	32	35					

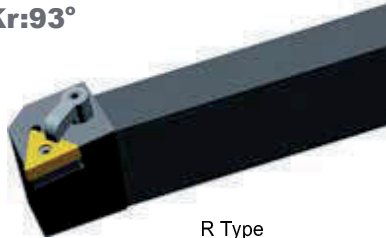
Applicable insert Inserti							
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF		PM	DR Double side bi-late- rale	HDR	Flat Parte super- iore piana	Flat Parte super- iore piana
	SF		DM	DR Single side monolaterale		TC	
	EF		EM	ER Double side bi-late- rale			
				LR Single side monolaterale			
Type · Tipo	MTGNR / L** K / M / P16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**
	MTGNR / L** M / P22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	TN**2204**	

TN** Toolholder · Portautensile

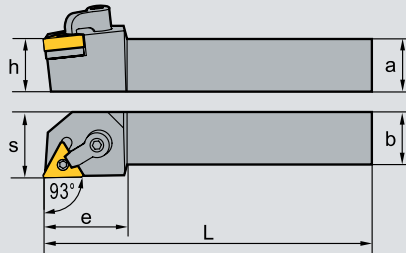
M-Clamping · Portautensile tipo M

MTJNR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MTJNR/ L	2020K16	●	○	20	20	125	20	25	32	DM6×25				
	2525M16	●	●	25	25	150	25	32	32	DM6×30	T16BM	WH20L WH30L	C1RD	TM5×13
	3225P16	●	●	32	25	170	32	32	32					
	2525M22	●	●	25	25	150	25	32	36					
	3225P22	○	●	32	25	170	32	32	36	DM6×30	T22BM	WH30L	C2RD	TM6×17

Applicable insert Inserti								
Application Applicazione		Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD	
Insert shape Forma inserto	DF 	PM 	DR Double side bilate- rale 	HDR 	Flat Parte supe- riore piana 	Flat Parte supe- riore piana 		
	SF 	DM 	DR Single side no bilaterale 		TC 			
	EF 	EM 	ER Double side bilate- rale 					
			LR Double side bilate- rale 					
Type · Tipo	MTJNR / L** K / M / P16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**	
	MTJNR / L**M / P22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	TN**2204**		

Turning · Tornitura

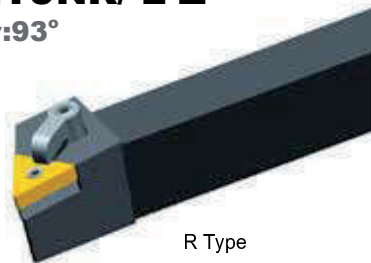
External turning tools · Utensili per tornitura esterna

TN** Toolholder · Portautensile

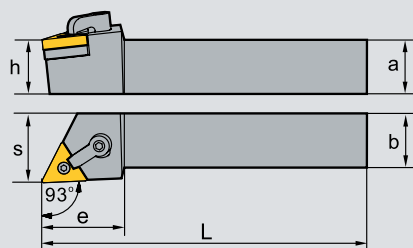
M-Clamping · Portautensile tipo M

MTJNR/ L-Z

Kr:93°



R Type
Rechtsausführung



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MTJNR/ L	2020K16-Z	●	●	20	20	125	20	25	32	DM6×25				
	2525M16-Z	●	●	25	25	150	25	32	32	DM6×30	T16BM	WH20L WH30L	C1RD	TM5×13
	3225P16-Z	●	●	32	25	170	32	32	32					
	2525M22-Z	●	●	25	25	150	25	32	36	DM6×30	T22BM	WH30L	C2RD	TM6×17
	3225P22-Z	○	○	32	25	170	32	32	36					

Applicable insert
Inserti

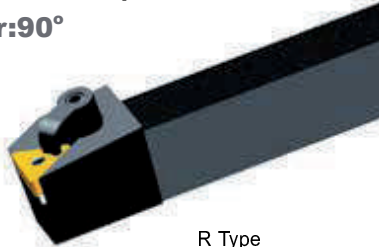
Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	HDR 	Flat Parte superiore piana 	Flat Parte superiore piana
	SF 	DM 	DR Single side monolaterale 		TC 	
	EF 	EM 	ER Double side bilaterale 			
			LR Single side monolaterale 			
Type · Tipo	MTJNR / L** K / M / P16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**
	MTJNR / L** M / P22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	TN**2204**

TN** Toolholder · Portautensile

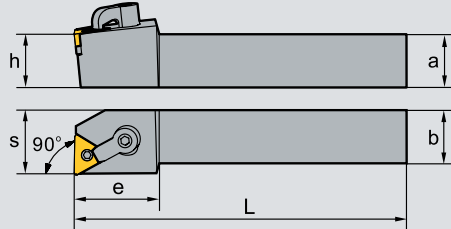
M-Clamping · Portautensile tipo M

MTFNR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MTFNR/ L	2020K16	●	○	20	20	125	20	25	32	DM6×25				
	2525M16	●	○	25	25	150	25	32	32	DM6×30	T16BM	WH20L WH30L	C1RD	TM5×13
	3225P16	●	○	32	25	170	32	32	32					
	2525M22	●	○	25	25	150	25	32	36	DM6×30	T22BM	WH30L	C2RD	TM6×17
	3225P22	●	○	32	25	170	32	32	36					

Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Heavy Duty Asportazione pesante	Cast iron machining Lavor. ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	DF	PM	DR Double side bilaterale	HDR	Flat Parte superiore piana	Flat Parte superiore piana
	SF	DM	DR Single side monolaterale		TC	
	EF	EM	ER Double side bilaterale			
			LR Double side bilaterale			
Type · Tipo	MTFNR / L** K / M / P16	TN**1604**	TN**1604**	TN**1604**	TN**1604**	TN**1604**
	MTFNR / L**M / P22	TN**2204**	TN**2204**	TN**2204**	TN**2204**	TN**2204**

Turning · Tornitura

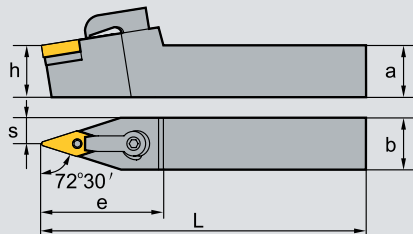
External turning tools · Utensili per tornitura esterna

VN** Toolholder · Portautensile

M-Clamping · Portautensile tipo M

MVVNN

Kr:72°30'



Type Tipo		Stock Magaz- zino	Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
			a	b	L	h	s	e					
MVVNN	2020K16	●	20	20	125	20	10	45	DM6×25	V16BM	WH20L WH30L	C3RD	TM5×13
	2525M16	●	25	25	150	25	12.5	45	DM6×30				
	3225P16	○	32	25	170	32	12.5	45					
	3232P16	●	32	32	170	32	16	45					

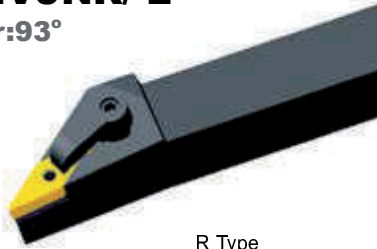
Applicable insert Inserti		Finishing Finitura		Semi-Finishing Asportazione media		PCBN · PCD PCBN · PCD	
Application Applicazione		DF		PM		Flat Perte superiore piana	
Insert shape Forma inserto							
Type · Tipo	MVVNN** K / M / P16	VN**1604**		VN**1604**		VN**1604**	

VN** Toolholder · Portautensile

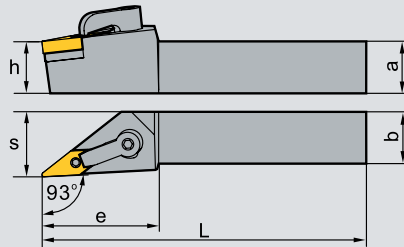
M-Clamping · Portautensile tipo M

MVJNR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MVJNR/ L	2020K16	●	●	20	20	125	20	25	45	DM6×25	V16BM	WH20L WH30L	C3RD	TM5×13
	2525M16	●	●	25	25	150	25	32	45	DM6×30				
	3225P16	●	●	32	25	170	32	32	45					
	3232P16	●	●	32	32	170	32	40	45					

Applicable insert
Inserti

Application
Applicazione

Finishing
Finitura

Semi-Finishing
Asportazione media

PCBN · PCD
PCBN · PCD

Insert shape
Forma inserto

DF



PM



Flat
Parte
superiore
piana



EF



DM



SF



EM



NF



NM



Type · Tipo	MVJNR / L** K / M / P16	VN**1604**	VN**1604**	VN**1604**

Turning · Tornitura

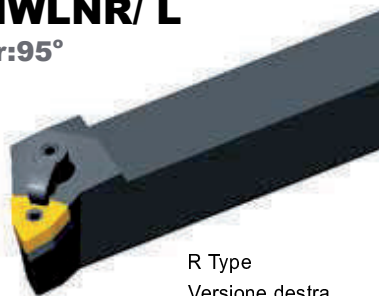
External turning tools · Utensili per tornitura esterna

WN** Toolholder · Portautensile

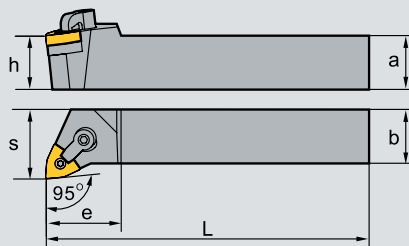
M-Clamping · Portautensile tipo M

MWLNR/ L

Kr:95°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e					
MWLNR/ L	2020K06	●	●	20	20	125	20	25	30	DM6×25	W06BM	WH20L WH30L	C1RD	TM5×13
	2525M06	●	●	25	25	150	25	32	30	DM6×30				
	2020K08	●	●	20	20	125	20	25	30	DM6×25				
	2525M08	●	●	25	25	150	25	32	35	DM6×30	W08BM	WH30L	C1RD	TM6×17
	3525P08	○	○	32	25	170	32	32	35					
	3232P08	●	●	32	32	170	32	40	35					

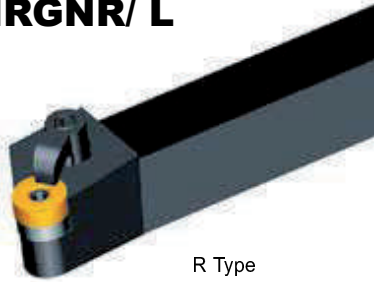
Applicable insert
Inserti

Application Applicazione	Finishing Finitura	Semi-Finishing Asportazione media	Roughing Sgrossatura	Cast iron machining Lavor. ghisa grigia
Insert shape Forma inserto	DF 	PM 	DR Double side bilaterale 	Flat Parte superiore plana
	SF 	DM 		TC
	EF 	EM 		
	NF 	NM 		
Type · Tipo	MWLNR / L**K / M06	WN**0604**	WN**0604**	WN**0604**
	MWLNR / L**K / M / P08	WN**0804**	WN**0804**	WN**0804**

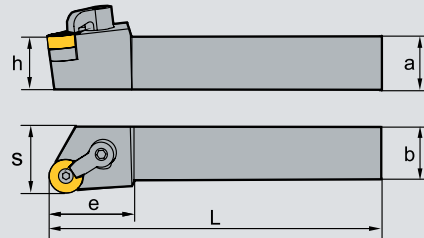
RN** Toolholder · Portautensile

M-Clamping · Portautensile tipo M

MRGNR/ L



R Type
Versione destra

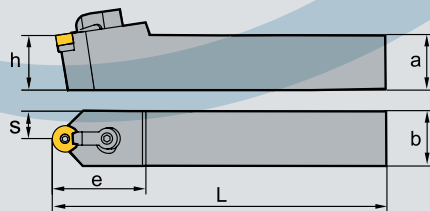


Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Application Inserts Inserti	Clamping Screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
		R	L	a	b	L	h	s	e						
MRGNR/ L	2020K12	○	○	20	20	125	20	25	32	RN**1204**	DM6×25	R12BM	WH30L	C1RD	TM6×17
	2525M12	○	●	25	25	150	25	32	32						
	3225P12	○	○	32	25	170	32	32	32		DM6×30				
	3232P12	○	○	32	32	170	32	40	32						

RN** Toolholder · Portautensile

M-Clamping · Portautensile tipo M

MRDNN



Type Tipo		Stock Magazzino	Dimension (mm) Dimensioni						Application Inserts Inserti	Clamping screw Vite	Shim Spessore	Wrench Chiave	Clamp Staffa	Dowel pin Perno passante
			a	b	L	h	s	e						
MRDNN	2020K12	○	20	20	125	20	10	35	RN**1204**	DM6×25	R12BM	WH30L	C1RD	TM6×17
	2525M 12	○	25	25	150	25	12.5	35						
	3225P12	○	32	25	170	32	12.5	35		DM6×30				
	3232P12	○	32	32	170	32	16	35						

Turning · Tornitura

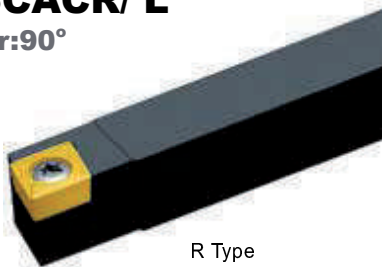
External turning tools · Utensili per tornitura esterna

CC** Toolholder · Portautensile

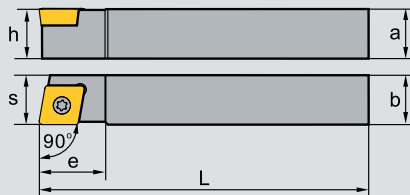
S-Clamping · Portautensile tipo S

SCACR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Wrench Chiave		
		R	L	a	b	L	h	s	e				
SCACR/ L	1010E06	●	●	10	10	70	10	10.5	10	I60M2.5×6.5	WT07IP		
	1212F09	●	●	12	12	80	12	12.7	16	I60M3.5×8	WT15IP		

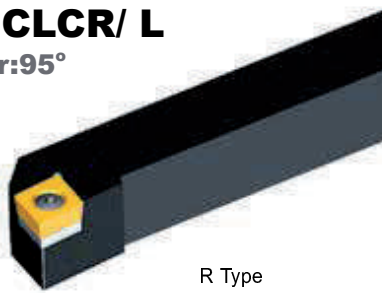
Applicable insert Inserti								
Application Applicazione		Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron machining Lavor. ghisa grigia	PCBN/PCD inserti
Insert shape Forma inserto	SF		HF	HM	HR	LH		
			EF	EM		LC		
Type · Tipo	SCACR/ L**E06	CC**0602**	CC**0602**	CC**0602**	CC**0602**	CCGX 0602**	CC** 0602**	CC** 0602**
	SCACR/ L**F09	CC**09T3**	CC**09T3**	CC**09T3**	CC**09T3**	CCGX 09T3**	CC** 09T3**	CC** 09T3**

CC** Toolholder · Portautensile

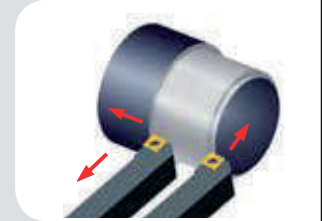
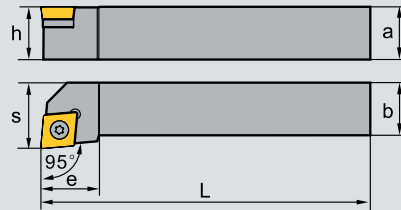
S-Clamping · Portautensile tipo S

SCLCR/ L

Kr:95°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SCLCR/ L	0808D06	●	●	08	08	60	08	10	10	I60M2.5×6.5	—	—	WT07IP
	1010E06	●	●	10	10	70	10	12	10				
	1212F09	●	●	12	12	80	12	16	16				
	1616H09	●	●	16	16	100	16	20	16				
	1616H12	●	○	16	16	100	16	20	18	I60M3.5×8	—	—	WT15IP
	2020K09	●	●	20	20	125	20	25	25				
	2020K12	●	●	20	20	125	20	25	25				
	2525M12	●	●	25	25	150	25	32	26				
	3225P12	●	●	32	25	170	32	32	26				
	3232P12	●	○	32	32	170	32	40	28				
										I60M4×11X	C12BS	SM6×10XA	WT15IP WH40L

Applicable insert
Inserti

Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron mach. Lavorazione - Ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	SF	HF	HM	HR	LH	Flat Parte superiore plana	Flat Parte superiore plana
		EF	EM		LC		
Type · Tipo							
SCLCR/ L**D / E06	CC** 0602**	CC** 0602**	CC** 0602**	CC** 0602**	CCGX 0602**	CC** 0602**	CC** 0602**
SCLCR/ L**F / H09	CC** 09T3**	CC** 09T3**	CC** 09T3**	CC** 09T3**	CCGX 09T3**	CC** 09T3**	CC** 09T3**
SCLCR/ L**K / M / P12		CC** 1204**	CC** 1204**	CC** 1204**	CCGX 1204**	CC** 1204**	CC** 1204**

Turning · Tornitura

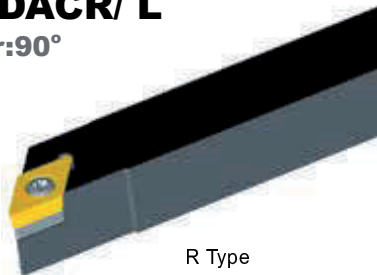
External turning tools · Utensili per tornitura esterna

DC** Toolholder · Portautensile

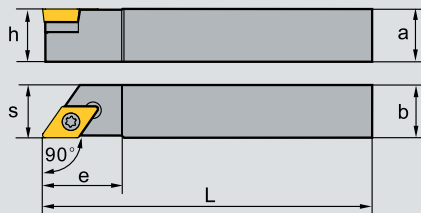
S-Clamping · Portautensile tipo S

SDACR/ L

Kr:90°

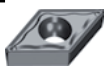
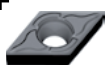
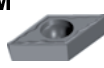


R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SDACR/ L	1010E07	●	●	10	10	70	10	10.5	15	I60M2.5×6.5	—	—	WT07IP
	1212F11	●	●	12	12	80	12	12.5	15	I60M3.5×8	—	—	WT15IP
	1616H11	●	●	16	16	100	16	16.7	24	I60M3.5×12	D11BS	SM5×8.65XA	WT15IP WH35L

Applicable insert
Inserti

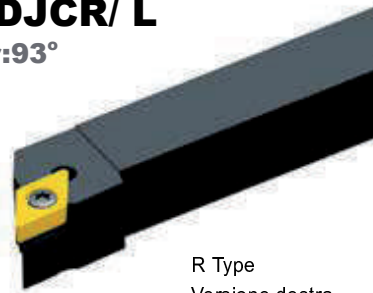
Application Applicazione		Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron mach. Lavorazione - Ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto		SF 	HF 	HM 	HR 	LH 	Flat Parte superiore piana 	Flat Parte superiore piana 
			EF 	EM 		LC 		
Type · Tipo	SDACR / L**E07	DC** 0702**	DC** 0702**	DC** 0702**		DCGX 0702**	DC**0702**	DC**0702**
	SDACR / L**F / H11	DC** 11T3**	DC** 11T3**	DC** 11T3**	DC** 11T3**	DCGX 11T3**	DC** 11T3**	DC** 11T3**

DC** Toolholder · Portautensile

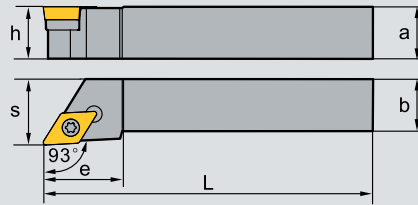
S-Clamping · Portautensile tipo S

SDJCR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SDJCR/ L	1010E07	●	●	10	10	70	10	12	15	I60M2.5×6.5	—	—	WT07IP
	1212F07	●	●	12	12	80	12	16	15				
	1616H07	●	●	16	16	100	16	20	18				
	1616H11	●	●	16	16	100	16	20	24	I60M3.5×12	D11BS	SM5×8.65XA	WT15IP WH35L
	2020K11	●	●	20	20	125	20	25	24				
	2525M11	●	●	25	25	150	25	32	29				
	3225P11	●	●	32	25	170	32	32	29				

Applicable insert
Inserti

Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron mach. Lavorazione - Ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	SF 	HF 	HM 	HR 	LH 	Flat Parte superiore piana 	Flat Parte superiore piana
		EF 	EM 		LC 		
Type · Tipo	SDJCR / L**E / F / H07	DC**0702**	DC**0702**	DC**0702**	DCGX 0702**	DC** 0702**	DC** 0702**
	SDJCR / L**H / K / M / P11	DC** 11T3**	DC** 11T3**	DC**11T3**	DC**11T3**	DCGX 11T3**	DC** 11T3**

Turning · Tornitura

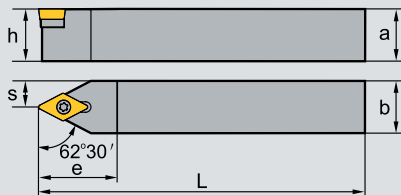
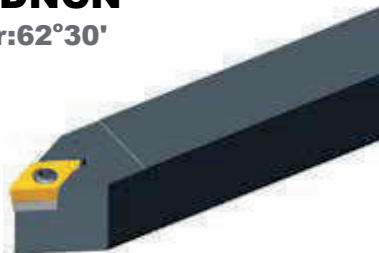
External turning tools · Utensili per tornitura esterna

DC** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SDNCN

Kr:62°30'



Type Tipo		Stock Magaz- zino	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
			a	b	L	h	s	e				
SDNCN	1010E07	●	10	10	70	10	5	20	I60M2.5×6.5	—	—	WT07IP
	1212F07	●	12	12	80	12	6	20		—	—	—
	1212H11	●	12	12	100	12	6	30		—	—	WT15IP
	1616H11	●	16	16	100	16	8	30	I60M3.5×12	D11BS	SM5×8.65XA	WT15IP WH35L
	2020K11	●	20	20	125	20	10	30				
	2525M11	●	25	25	150	25	12.5	30				

Applicable insert
Inserti

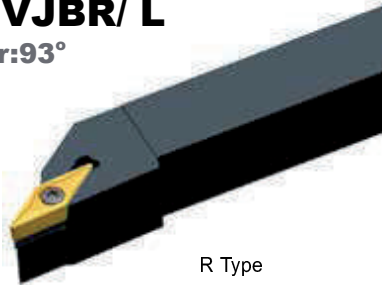
Application Applicazione		Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron mach. Lavorazione - Ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto		SF 	HF 	HM 	HR 	LH 	Flat Parte superiore piana 	Flat Parte superiore piana
			EF 	EM 		LC 		
Type · Tipo	SDNCN**E / F07	DC**0702**	DC** 0702**	DC**0702**		DCGX 0702**	DC** 0702**	DC** 0702**
	SDNCN**H / K / M11	DC** 11T3**	DC** 11T3**	DC**11T3**	DC**11T3**	DCGX 11T3**	DC** 11T3**	DC** 11T3**

VB** Toolholder · Portautensile

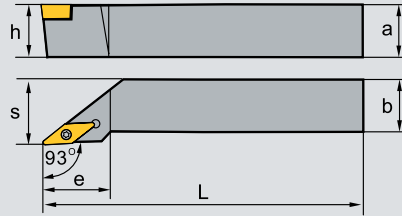
S-Clamping · Portautensile tipo S

SVJBR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SVJBR/ L	1212F11	●	●	12	12	80	12	16	27	I60M2.5×6.5	—	—	WT07IP
	1616H11	●	●	16	16	100	16	20	27				
	2020K11	●	●	20	20	125	20	25	27				
	2525M11	●	●	25	25	150	25	32	27				
	1616H16	●	●	16	16	100	16	20	36	I60M3.5×12	V16BS	SM5×8.65XA	WT15IP WH35L
	2020K16	●	●	20	20	125	20	25	41				
	2525M16	●	●	25	25	150	25	32	41				
	3225P16	●	●	32	25	170	32	32	41				

Applicable insert
Inserti

Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Cast iron mach. Lavor. - ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	SF	EF	HM	HR	Flat Parte superiore piana	Flat Parte superiore piana
		HF	EM			
		NF				
Type · Tipo	SVJBR/ L**F/ H/ K/ M11	VB**1102**	VB**1102**	VB**1102**		
	SVJBR/ L**H/ K/ M/ P16		VB**1604**	VB**1604**	VB**1604**	VB**1604**

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

VB** Toolholder · Portautensile

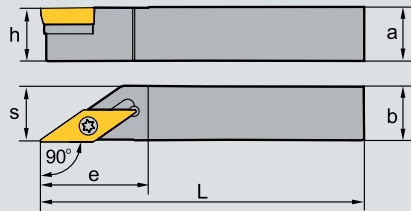
S-Clamping · Portautensile tipo S

SVABR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SVABR/ L	1010F11	●	●	10	10	80	10	-	-	I60M2.5×6.5	—	—	WT07IP
	1616H16	●	●	16	16	100	16	16.5	28				
	2020K16	●	○	20	20	125	20	20.5	28	I60M3.5×12	V16BS	SM5×8.65XA	WT15IP WH35L
	2525M16	●	●	25	25	150	25	25.5	28				

Applicable insert
Inserti

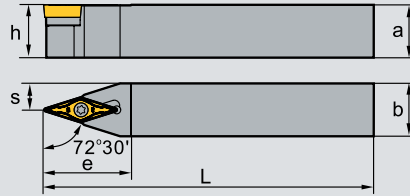
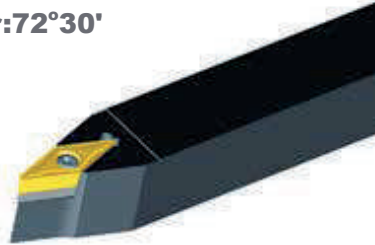
Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Cast iron mach. Lavor. - ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	SF 	EF 	HM 	HR 	Flat Parte superiore piana 	Flat Parte superiore piana
		HF 	EM 			
		NF 				
Type · Tipo	SVABR / L**F11	VB**1102**	VB**1102**	VB**1102**		
	SVABR / L**H / K / M16		VB**1604**	VB**1604**	VB**1604**	VB**1604**

VB** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SVVBN

Kr:72°30'



Type Tipo		Stock Magazzi- no	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
			a	b	L	h	s	e				
SVVBN	1212F11	●	12	12	80	12	6	27	I60M2.5×6.5		—	WT07IP
	1616H11	●	16	16	100	16	8	27				
	2020K11	●	20	20	125	20	10	30				
	1616H16	●	16	16	100	16	8	33	I60M3.5×12	V16BS	SM5×8.65XA	WT15IP WH35L
	2020K16	●	20	20	125	20	10	33				
	2525M16	●	25	25	150	25	12.5	38				

Applicable insert
Inserti

Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Cast iron mach. Lavor. - ghisa grigia	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	SF 	EF 	HM 	HR 	Flat Parte superiore plana 	Flat Parte superiore plana
		HF 	EM 			
		NF 				
Type · Tipo	SVVBN**F / H / K11	VB**1102**	VB**1102**	VB**1102**		
	SVVBN**H / K / M16		VB**1604**	VB**1604**	VB**1604**	VB**1604**

Turning · Tornitura

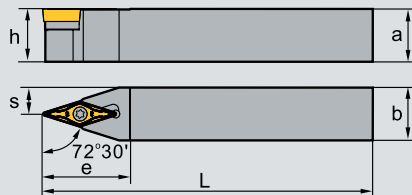
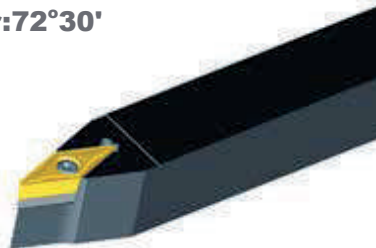
External turning tools · Utensili per tornitura esterna

VC** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SVVCN

Kr:72°30'



Type Tipo		Stock Magazzino	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
			a	b	L	h	s	e				
SVVCN	1212F11	●	12	12	80	12	6	27	I60M2.5×6.5	—	—	WT07IP
	1212M11	●	12	12	150	12	6	27				
	1616H11	●	16	16	100	16	8	27				
	2020K11	●	20	20	125	20	10	30				
	2525M11	●	25	25	150	25	12.5	38				
	1616H16	●	16	16	100	16	8	33	I60M3.5×12	V16BSC	SM5×8.65XA	WT15IP WH35L
	2020K16	●	20	20	125	20	10	33				
	2525M16	●	25	25	150	25	12.5	38				

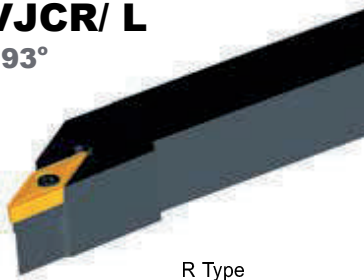
Applicable insert Inserti		Extra Finishing Finitura		Finishing Finitura		Al machining Lavorazione alluminio		PCBN · PCD PCBN · PCD	
Application Applicazione		SF		HF		LH		Flat Parte superiore piana	
Insert shape Forma inserto									
				NF		LC			
									
Type · Tipo	SVVCN**F / H / K / M11	VC**1103**		VC**1103**		VCGX1103**			
	SVVCN**H / K / M16			VC**1604**		VCGX1604**		VC**1604**	

VC** Toolholder · Portautensile

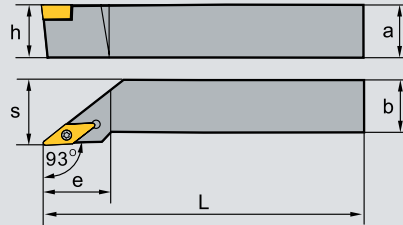
S-Clamping · Portautensile tipo S

SVJCR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SVJCR/ L	1010E11	●	○	10	10	70	10	12	22	I60M2.5×6.5	—	—	WT07IP
	1212F11	●	●	12	12	80	12	16	27				
	1616H11	●	●	16	16	100	16	20	27				
	2020K11	●	●	20	20	125	20	25	27				
	2525M11	●	●	25	25	150	25	32	27				
	1616H16	●	●	16	16	100	16	20	36	I60M3.5×12	V16BSC	SM5×8.65XA	WT15IP WH35L
	2020K16	●	●	20	20	125	20	25	41				
	2020M16	●	●	20	20	150	20	25	41				
	2525M16	●	●	25	25	150	20	32	41				
	3225P16	○	○	32	25	170	32	32	41				

Applicable insert
Inserti

Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Al machining Lavorazione alluminio	PCBN · PCD PCBN · PCD
Insert shape Forma inserto	SF 	HF 	LH 	Flat Parte superiore piana 
		NF 	LC 	
Type · Tipo	SVJCR / L**E / F / H / K / M11	VC**1103**	VC**1103**	VCGX1103**
	SVJCR / L**H / K / M / P16	VC**1604**	VCGX1604**	VC**1604**

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

SC** Toolholder · Portautensile

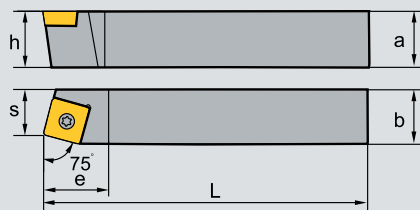
S-Clamping · Portautensile tipo S

SSBCR/ L

Kr:75°



R Type
Versione destra



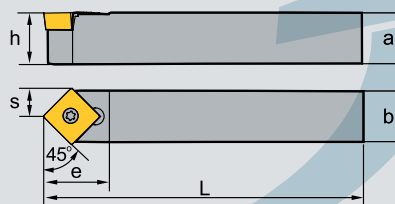
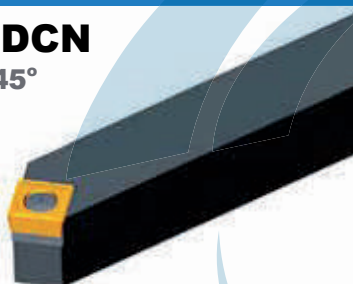
Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SSBCR/ L	1212F09	●	●	12	12	80	12	11	16	I60M3.5×8	—	—	WT15IP
	1616H09	●	●	16	16	100	16	13	16	I60M3.5×8	S09BS	SM5×8.65XA	WT15IP WH35L
	2020K12	●	●	20	20	125	20	17	25	I60M4×11X	S12BS	SM6×10XA	WT15IP WH40L

SC** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SSDCN

Kr:45°



Type Tipo		Stock Magazzino	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
			a	b	L	h	s	e				
SSDCN	1212F09	●	12	12	80	12	6	15.5	I60M3.5×8	—	—	WT15IP
	1616H09	●	16	16	100	16	8	15.5	I60M3.5×12	S09BS	SM5×8.65XA	WT15IP WH35L

Applicable insert
Inseri

Application Applicazione		Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Al machining Lavorazione alluminio	Cast iron machining Lavor. ghisa grigia				
Insert shape Forma inserto	HF		HM		HR		LH		Flat Parte superiore piana	
	EF		EM				LC			
Type · Tipo	SSBCR / L**F / H09	SC**09T3**	SC**09T3**	SC**09T3**	SCGX09T3**	SC**09T3**				
	SSBCR / L**K12		SC**1204**	SC**1204**	SCGX1204**	SC**1204**				
	SSDCN**F / H09	SC**09T3**	SC**09T3**	SC**09T3**	SCGX09T3**	SC**09T3**				

SC** Toolholder · Portautensile

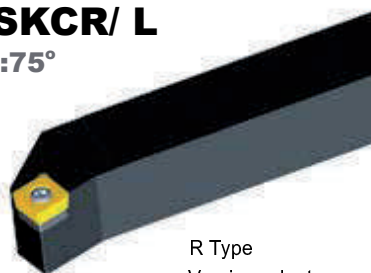
S-Clamping · Portautensile tipo S

A

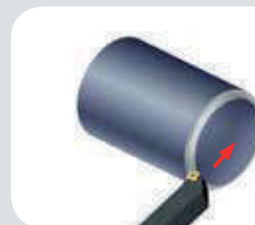
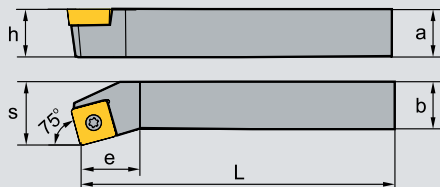
General Turning
Tornitura generale

SSKCR/ L

Kr:75°



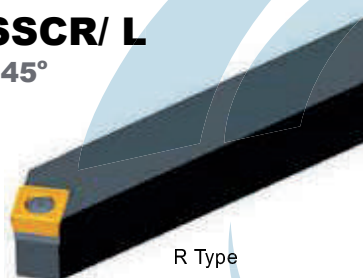
R Type
Versione destra



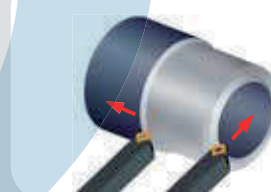
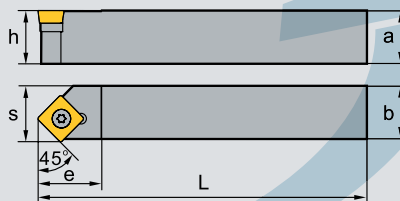
Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SSKCR/ L	1616H09	●	●	16	16	100	16	20	13	I60M3.5×12	S09BS	SM5×8.65XA	WT15IP WH35L

SSSCR/ L

Kr:45°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
SSSCR/ L	1616H09	●	●	16	16	100	16	17	16	I60M3.5×12	—	—	WT15IP
	2020K12	●	●	20	20	125	20	21	24	I60M4×11X	S12BS	SM6×10XA	WT15IP WH40L

Applicable insert
Inserti

Application Applicazione		Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Al machining Lavorazione alluminio	Cast iron machining Lavor. ghisa grigia
Insert shape Forma inserto	HF 	HM 	HR 	LH 	Flat Parte superiore piana 	
	EF 	EM 		LC 		
Type · Tipo	SSKCR / L**H09	SC**09T3**	SC**09T3**	SC**09T3**	SCGX09T3**	SC**09T3**
	SSSCR / L**H09	SC**09T3**	SC**09T3**	SC**09T3**	SCGX09T3**	SC**09T3**
	SSSCR / L**K12		SC**1204**	SC**1204**	SCGX1204**	SC**1204**

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

TC** Toolholder · Portautensile

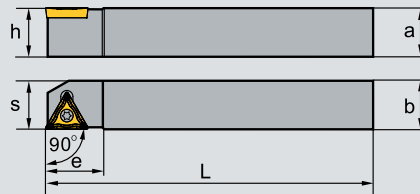
S-Clamping · Portautensile tipo S

STACR/ L

Kr:90°



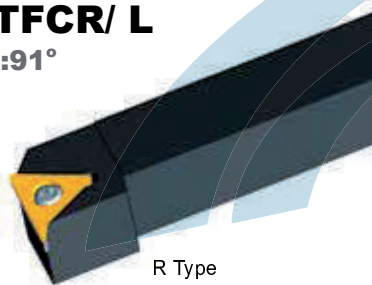
R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Wrench Chiave		
		R	L	a	b	L	h	s	e				
STACR/ L	1212F11	●	●	12	12	80	12	12.5	14	I60M2.5×6.5	WT071P		

STFCR/ L

Kr:91°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
STFCR/ L	1212F11	●	○	12	12	80	12	16	14	I60M2.5×6.5	—	—	WT071P
	1616H11	●	○	16	16	100	16	20	14		—	—	
	1616H16	●	○	16	16	100	16	20	19	I60M3.5×12	T16BS	SM5×8.65XA	WT151P WH35L
	2020K16	●	●	20	20	125	20	25	19				

Applicable insert
Inseri

Application Applicazione		Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron machining Lavor. Ghisa grigia	PCBN/PCD inserti
Insert shape Forma inserto	SF		HF	HM	HR	LH	Flat Parte superiore piana	Flat Parte superiore piana
			EF	EM		LC		
Type · Tipo	STACR / L**F11	TC**1102**	TC**1102**	TC**1102**	TC**1102**	TCGX1102**	TC**1102**	TC**1102**
	STFCR / L**F / H11	TC**1102**	TC**1102**	TC**1102**	TC**1102**	TCGX1102**	TC**1102**	TC**1102**
	STFCR / L**H / K16		TC**16T3**	TC**16T3**	TC**16T3**	TCGX16T3**	TC**16T3**	TC**16T3**

TC** Toolholder · Portautensile

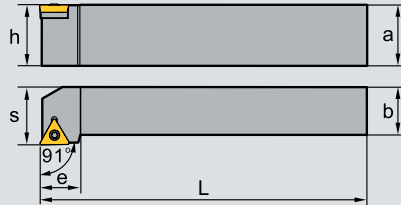
S-Clamping · Portautensile tipo S

STGCR/ L

Kr:91°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
STGCR/ L	0808D09	●	●	08	08	60	8	10	11	I60M2.2×5.5	—	—	WT06IP
	1010E09	●	●	10	10	70	10	12	11		—	—	WT07IP
	1212F11	●	●	12	12	80	12	16	14		—	—	WT07IP
	1616H11	●	●	16	16	100	16	20	16	I60M3.5×12	T16BS	SM5×8.65XA	WT15IP WH35L
	2020K16	●	●	20	20	125	20	25	21		—	—	—
	2525M16	●	●	25	25	150	25	25	21		—	—	—

Applicable insert Inserti								
Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron machining Lavor. Ghisa grigia	PCBN/PCD inserti	
Insert shape Forma inserto	SF 	HF 	HM 	HR 	LH 	Flat Parte superiore piana 	Flat Parte superiore piana 	
		EF 	EM 		LC 			
Type · Tipo	STGCR / L**D / E09	TC**0902**	TC**0902**	TC**0902**	TC**0902**	TCGX0902**	TC**0902**	TC**0902**
	STGCR / L**F / H11	TC**1102**	TC**1102**	TC**1102**	TC**1102**	TCGX1102**	TC**1102**	TC**1102**
	STGCR / L**K / M16		TC**16T3**	TC**16T3**	TC**16T3**	TCGX16T3**	TC**16T3**	TC**16T3**

Turning · Tornitura

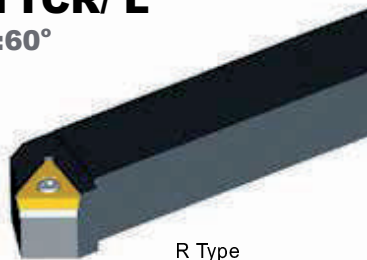
External turning tools · Utensili per tornitura esterna

TC** Toolholder · Portautensile

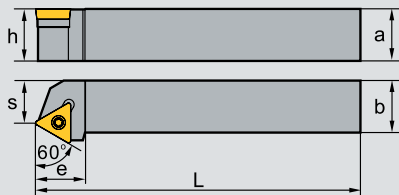
S-Clamping · Portautensile tipo S

STTCR/ L

Kr:60°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s	e				
STTCR/ L	1616H11	●	○	16	16	100	16	13	14	I60M2.5×6.5	—	—	WT07IP
	1616H16	●	●	16	16	100	16	13	19	I60M3.5×12	T16BS	SM5×8.65XA	WT15IP
	2020K16	●	●	20	20	125	20	17	19				WH35L

Applicable insert
Inserti

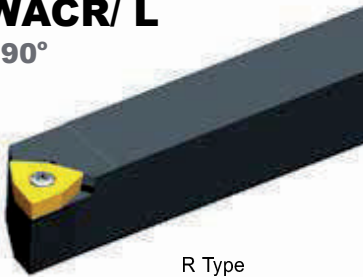
Application Applicazione	Extra Finishing Finitura	Finishing Finitura	Semi-finishing Asportazione media	Roughing Sgrossatura	Al machining Lavorazione alluminio	Cast iron machining Lavor. Ghisa grigia	PCBN/PCD inserti
Insert shape Forma inserto	SF 	HF 	HM 	HR 	LH 	Flat Parte superiore piana 	Flat Parte superiore piana
		EF 	EM 		LC 		
Type · Tipo	STTCR / L**H11	TC**1102**	TC**1102**	TC**1102**	TC**1102**	TCGX1102**	TC**1102**
	STTCR / L**H / K16		TC**16T3**	TC**16T3**	TC**16T3**	TCGX16T3**	TC**16T3**

WC** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SWACR/ L

Kr:90°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Screw Vite	Wrench Chiave		
		R	L	a	b	L	h	s	e				
SWACR/ L	1010E04	●	●	10	10	70	10	10.5	10	I60M2.5×6.5	WT07IP		
	1212F04	●	●	12	12	80	12	12.0	14				
	1616H06	●	●	16	16	100	16	16.5	20				
	2020K08	●	●	20	20	125	20	20.5	24				

Applicable insert
Inserti

Application
Applicazione

Finishing
Finitura

Insert shape
Forma inserto

53



Type · Tipo		
SWACR / L**E / F04		WC*X0402**
SWACR / L**H06		WC*X06T3**
SWACR / L**K08		WC*X0804**

A

General Turning
Tornitura generale

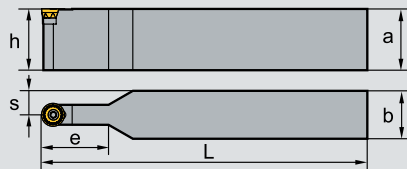
Turning · Tornitura

External turning tools · Utensili per tornitura esterna

RC** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SRDCN



Type Tipo		Stock Magazzi- no	Dimension (mm) Dimensioni						Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
			a	b	L	h	s	e				
SRDCN	1616H08	○	16	16	100	16	8	16	I60M3×7	—	—	WT10IP
	2020K08	●	20	20	125	20	10	16	I60M3.5×10	—	—	WT15IP
	2020K10	●	20	20	125	20	10	25				
	2525M10	●	25	25	150	25	12.5	25				
	2020K12	●	20	20	125	20	10	35	I60M3.5×12	R12BS	SM5×8.65XA	WT15IP WH35L
	2525M12	●	25	25	150	25	12.5	35				
	3225P12	●	32	25	170	32	12.5	35				
	3225P16	●	32	25	170	32	12.5	35	I60M4×15X	R16BS	SM6×10XA	WT15IP WH40L
	3232P16	●	32	32	170	32	16	40				
	4040S16	●	40	40	250	40	20	50				
4040S20	●	40	40	250	40	20	50	I43M6×16	—	—	WT25IT	

Applicable insert
Inserti

Application Applicazione	Semi-Finishing Asportazione media		Al machining Lavorazione alluminio	
	Insert shape Forma inserto		LH	
Type · Tipo	SRDCN**H08	RCMT0803MO	RCGX0803MO-LH	
	SRDCN**H / K / M10	RCMT10T3 MO		
	SRDCN**K / M / P12	RCMT1204 MO		
	SRDCN**P / S16	RCMT1606 MO		
	SRDCN**P / S20	RCMT2006 MO		

Holder not suitable for RCMX inserts
Portautensile non adatto per inserti RCMX

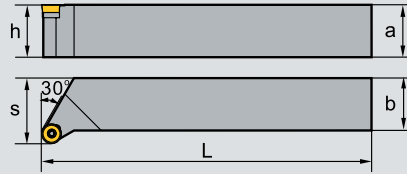
RC** Toolholder · Portautensile

S-Clamping · Portautensile tipo S

SRGCR/ L



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni					Screw Vite	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		R	L	a	b	L	h	s				
SRGCR/ L	1616H08	●	●	16	16	100	16	20	I60M3×7	—	—	WT10IP
	1616H10	○	○	16	16	100	16	20	I60M3.5×10	—	—	WT15IP
	2020K10	●	●	20	20	125	20	25	I60M3.5×10	—	—	WT15IP
	2525M10	●	○	25	25	100	25	32	I60M3.5×12	R12BS	SM5×8.65XA	WT15IP WH35L
	2020K12	●	●	20	20	125	20	27	I60M3.5×12	R12BS	SM5×8.65XA	WT15IP WH35L
	2525M12	●	○	25	25	150	25	32	I60M3.5×12	R12BS	SM5×8.65XA	WT15IP WH35L

Applicable insert
Inserti

Application
Applicazione

Semi-Finishing
Asportazione media

Al machining
Lavorazione alluminio

Insert shape
Forma inserto



LH



SRGCR / L**H08

RCGX0803MO-LH

SRGCR / L**H / K / M10

RCMT10T3 MO

SRGCR / L**K / M12

RCMT1204 MO

Holder not suitable for RCMX inserts
Portautensile non adatto per inserti RCMX

Turning · Tornitura

External turning tools · Utensili per tornitura esterna

KNUX** Toolholder · Portautensile

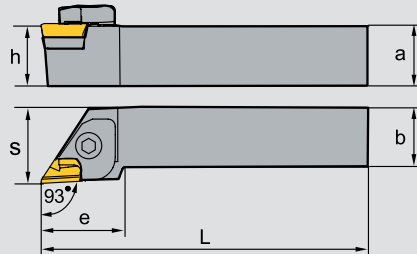
C-Clamping · Portautensile tipo C

CKJNR/ L

Kr:93°



R Type
Versione destra



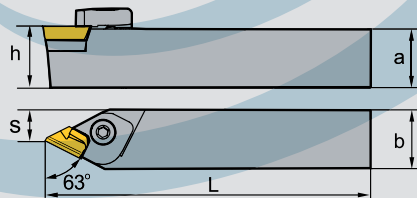
Type Tipo	Stock Magazzino	Dimension (mm) Dimensioni							Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Spring Molla	Dowel pin Perno passante	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		a	b	L	h	s	e									
CKJNR	2525M16	●	25	25	150	25	32	32	KNUX1604**R A95	C6R1T	CM6×25A	SPR1 SPR2	P0515	K16CC	SM3×10B	WH20L WH40L
	3232P16	●	32	32	170	32	40	32								
	4040R16	●	40	40	200	40	50	32								
CKJNL	2525M16	●	25	25	150	25	32	32	KNUX1604**L A95	C6L1T	CM6×25A	SPR1 SPR2	P0515	K16CCL	SM3×10B	WH20L WH40L
	3232P16	●	32	32	170	32	40	32								
	4040R16	●	40	40	200	40	50	32								

CKNNR/ L

Kr:63°



R Type
Versione destra



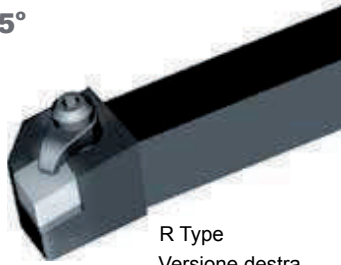
Type Tipo	Stock Magazzino	Dimension (mm) Dimensioni						Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Spring Molla	Dowel pin Perno passante	Shim Spessore	Shim screw Vite per spessore	Wrench Chiave
		a	b	L	h	s									
CKNNR	2525M16	●	25	25	150	25	14.3	KNUX1604**R A95	C6R1T	CM6×25A	SPR1 SPR2	P0515	K16CC	SM3×10B	WH20L WH40L
	3232P16	○	32	32	170	32	16.8								
CKNNL	2525M16	●	25	25	150	25	14.3	KNUX1604**L A95	C6L1T	CM6×25A	SPR1 SPR2	P0515	K16CCL	SM3×10B	WH20L WH40L
	3232P16	○	32	32	170	32	16.8								

CN** Toolholder · Portautensile

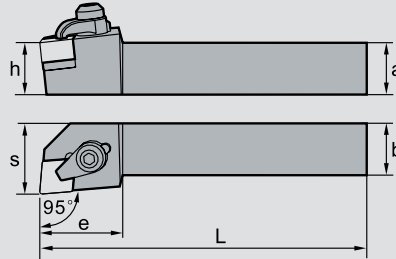
C-Clamping · Portautensile tipo C

CCLNR/ L

Kr:95°



R Type
Versione destra



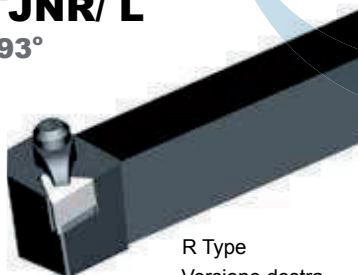
Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e							
CCLNR/ L	2020K12	○	○	20	20	125	20	27	32	CNGN1207** (1204**) A153	C1RC	CM6×30B	WH20L WH40L	C12CC-07 (C12CC-04)	SM3×10B	SPR1
	2525M12	○	●	25	20	100	25	27	36							
	2525M16	○	○	25	25	150	25	32	36	CNGN1606** (1604**) A153	C2RC	CM8×30B	WH30L WH50L	C16CC-06 (16CC-04)	SM4×12B	SPR3
	3225P16	○	○	32	25	170	32	32	36							

TN** Toolholder · Portautensile

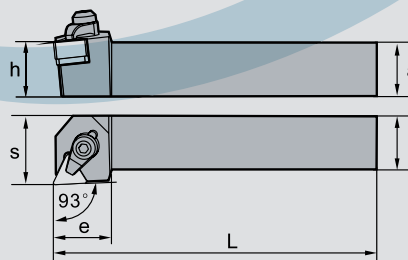
C-Clamping · Portautensile tipo C

CTJNR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e							
CTJNR/ L	2020K16	○	○	20	20	125	20	25	30	TNGN1607** (1604**) A159	C1RC	CM6×30B	WH20L WH40L	T16CC-07 (T16CC-04)	SM3×10B	SPR1
	2525M16	○	○	25	25	150	25	32	30							

Turning · Tornitura

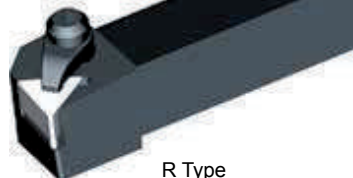
External turning tools · Utensili per tornitura esterna

TN** Toolholder · Portautensile

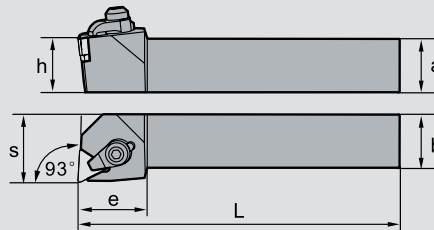
C-Clamping · Portautensile tipo C

CTUNR/ L

Kr:93°



R Type
Versione destra



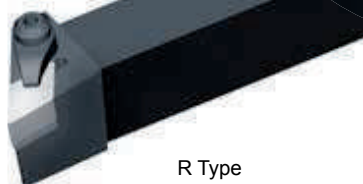
Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni					Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla	
		R	L	a	b	L	h	s	e							
CTUNR/ L	2020K12	○	○	20	20	125	20	25	27	TNGN1607** (1604**) A159	C1RC	CM6×30B	WH20L WH40L	T16CC-07 (T16CC-04)	SM3×10B	SPR1
	2525M16	○	○	25	25	150	25	32	27							

DN** Toolholder · Portautensile

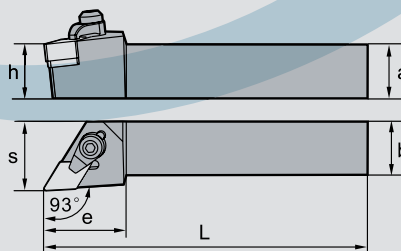
C-Clamping · Portautensile tipo C

CDJNR/ L

Kr:93°



R Type
Versione destra



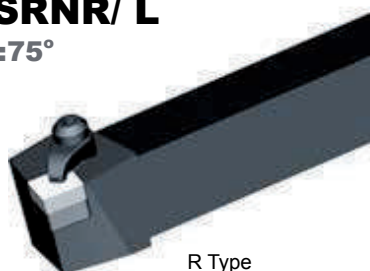
Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e							
CDJNR/ L	2525M15	●	●	25	25	150	25	32	32	DNGN1507** (1504**) A155	C1RC	CM6×30B	WH20L WH40L	D15CC-07 (D15CC-04)	SM3×10B	SPR1
	3225P15	○	○	32	25	170	32	32	32							

SN** Toolholder · Portautensile

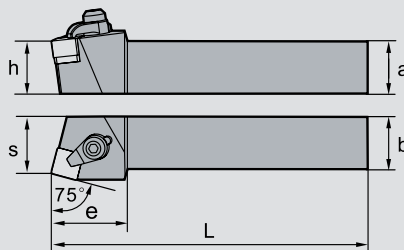
C-Clamping · Portautensile tipo C

CSNR/ L

Kr:75°



R Type
Versione destra



Type Tipo	Stock Magazzino	Dimension (mm) Dimensioni								Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e							
CSNR/ L	2020K12	○	○	20	20	125	20	22	32	SNGN1207** (1204**) A157	C1RC	CM6×30B	WH20L WH40L	S12CC-07 (S12CC-04)	SM3×10B	SPR1
	2525M12	○	○	25	20	100	25	27	32							
	3225P12	○	○	32	25	170	32	27	32							
	3225P15	○	○	32	25	170	32	32	40	SNGN1507** A157	C2RC	CM8×30B	W30L WH50L	S15CC-07	SM4×12B	SPR3
	4040R15	○	○	40	40	200	40	43	40							

SN** Toolholder · Portautensile

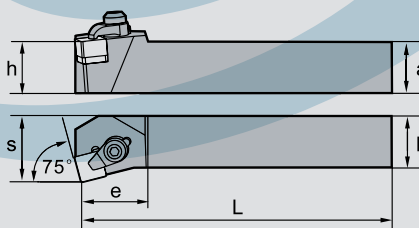
C-Clamping · Portautensile tipo C

CSKNR/ L

Kr:75°



R Type
Versione destra



Type Tipo	Stock Magazzino	Dimension (mm) Dimensioni								Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e							
CSKNR/ L	2020K12	○	○	20	20	125	20	25	25	SNGN1207** (1204**) A157	C1RC	CM6×30B	WH20L WH40L	S12CC-07 (S12CC-04)	SM3×10B	SPR1
	2525M12	○	○	25	25	170	25	32	25							
	3225P12	○	○	32	25	170	32	32	25							
	3225P15	○	○	32	25	170	32	32	30	SNGN1507** A157	C2RC	CM8×30B	WH30L WH50L	S15CC-07	SM4×12B	SPR3

Turning · Tornitura

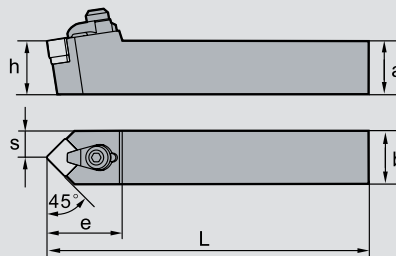
External turning tools · Utensili per tornitura esterna

SN** Toolholder · Portautensile

C-Clamping · Portautensile tipo C

CSDNN

Kr:45°

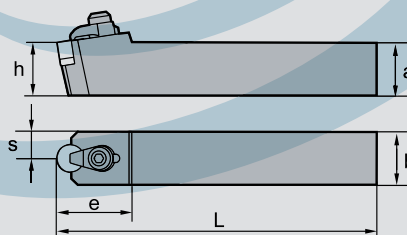


Type Tipo	Stock Magaz- zino	Dimension (mm) Dimensioni							Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		a	b	L	h	s	e								
CSDNN	2020K12	○	20	20	125	20	10	35	SNGN1207** (1204**) A157	C1RC	CM6×30B	WH20L WH40L	S12CC-07 (S12CC-04)	SM3×10B	SPR1
	2525M12	●	25	25	150	25	12.5	30							
	3225P12	○	32	25	170	32	12.5	35							

RN** Toolholder · Portautensile

C-Clamping · Portautensile tipo C

CRDNN



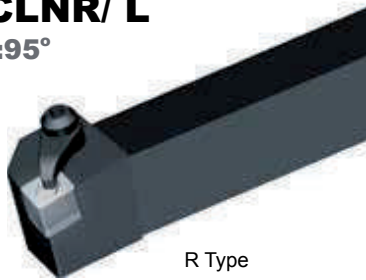
Type Tipo	Stock Magaz- zino	Dimension (mm) Dimensioni							Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		a	b	L	h	s	e								
CRDNN	2020K12	○	20	20	125	20	10	32	RNGN1207** (1204**) A160	C1RC	CM6×30B	WH20L WH40L	R12CC-07 (R12CC-04)	SM3×10B	SPR1
	2525M12	○	25	25	150	25	12.5	32							
	3225P12	○	32	25	170	32	12.5	32							
	3232P15	○	32	32	170	32	17.5	40	RNGN1507** A160	C2RC	CM8×30B	WH20L WH50L	R15CC-07	SM3×10B	SPR3
	4040R15	○	40	40	200	40	20	40							

CN** Toolholder · Portautensile

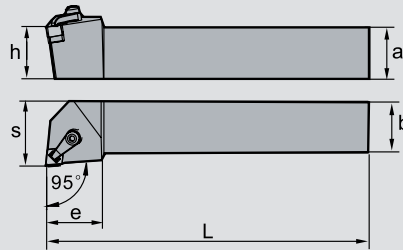
J-Clamping · Portautensile tipo J

JCLNR/ L

Kr:95°



R Type
Versione destra



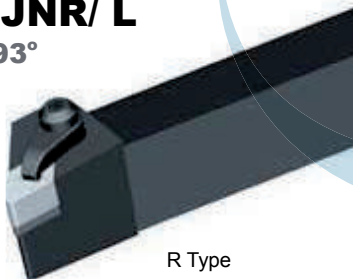
Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni					Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla	
		R	L	a	b	L	h	s	e							
JCLNR/ L	2020K12	○	○	20	20	125	20	29	32	CNGX1207** A154	C1RJ	CM6×30B	WH20L WH40L	C12CC-07	SM3×10B	SPR1
	2525M12	○	○	25	25	150	25	32	32							

DN** Toolholder · Portautensile

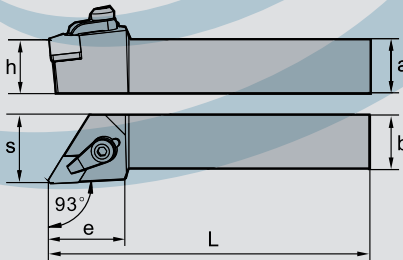
J-Clamping · Portautensile tipo J

JDJNR/ L

Kr:93°



R Type
Versione destra



Type Tipo		Stock Magazzino		Dimension (mm) Dimensioni						Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
		R	L	a	b	L	h	s	e							
JDJNR/ L	2525M15	●	○	25	25	150	25	32	38	DNGX1507** A155	C1RJ	CM6×30B	WH20L WH40L	D15CC-07	SM3×10B	SPR1
	3225P15	○	○	32	25	170	32	32	38							

Turning · Tornitura

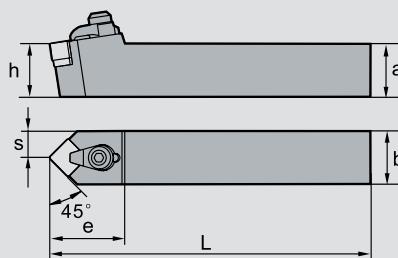
External turning tools · Utensili per tornitura esterna

SN** Toolholder · Portautensile

J-Clamping · Portautensile tipo J

JSDNN

Kr:45°



Type Tipo		Stock Magazzino	Dimension (mm) Dimensioni						Application inserts Inserti	Clamp Staffa	Clamp screw Vite di fissaggio	Wrench Chiave	Shim Spessore	Shim screw Vite per spessore	Spring Molla
			a	b	L	h	s	e							
JSDNN	2020K12	○	20	20	125	20	10	40	SNGX1207** A156	C1RJ	CM6×30B	WH20L WH40L	S12CC-07	SM3×10B	SPR1
	2525M12	○	25	25	150	25	12.5	40							
	3225P12	○	32	25	170	32	12.5	40							

A

General Turning
Tornitura generale