



EJ Carbide Co., Ltd

Tel: 86 0731 22995411 Email: judy@ejcarbide.com

Web: www.ejcarbide.com

General Turning Tools

External turning tools

TURNING

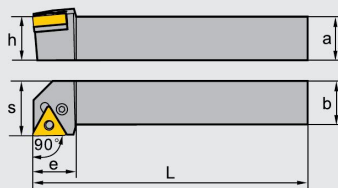
Corresponding tool holders of insert **TN** ☐ ☐ P-type clamping

PTG NR/L

Kr:90°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PTG NR/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					
	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					
	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	LEM8×25	T27AP	WH30L	L5	SP5
	3232P27	▲	▲	32	32	170	32	40	33					
	4040S27	▲	▲	40	40	250	40	50	33					

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing	For semi-finishing	For roughing	For cast iron machining	PCBN&PCD inserts
Inserts shape	DF  A66	PM  A67	DR Double-side  A68	Without chipbreaker  A71	Without chipbreaker  A113
	WG Wiper  A66	DM  A67	DR Single-side  A69		
	SF  A66	EM  A68	ER Double-side  A69		
	EF  A66				
Tool holder type	PTG NR/L□□E/F/H/K/M11	TN□□1103□□	TN□□1103□□	TN□□1103□□	
	PTG NR/L□□H/K/M/P16	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□
	PTG NR/L□□M/P22	TN□□2204□□	TN□□2204□□	TN□□2204□□	
	PTG NR/L□□P/S27		TN□□2706□□	TN□□2706□□	

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TURNING

General Turning Tools

External turning tools

Corresponding tool holders of insert **WN** ☐ ☐

P-type clamping

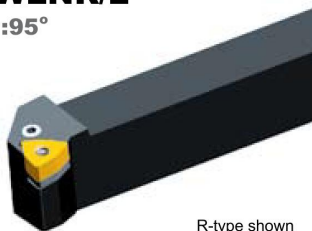
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General turning

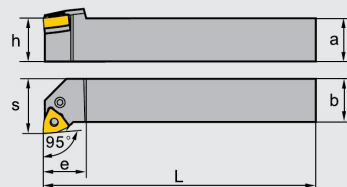
External turning tools

PWLNRL/L

Kr:95°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PWLNRL/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					

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing		For semi-finishing		For roughing		For cast iron machining	
Inserts shape	DF	 A74	PM	 A76	DR Double side	 A77	Without chipbreaker	 A77
	WG Wiper	 A74	DM	 A76				
	SF	 A75	EM	 A76				
	EF	 A75	NM	 A77				
	NF	 A75						
Tool holder type	PWLNRL/□□H/K/M06		WN□□0604□□		WN□□0604□□		WN□□0604□□	
	PWLNRL/□□K/M08		WN□□0804□□		WN□□0804□□		WN□□0804□□	



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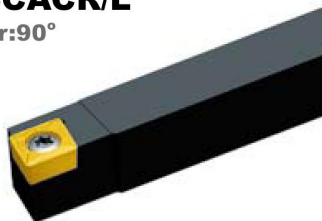
TURNING

Corresponding tool holders of insert CC□□

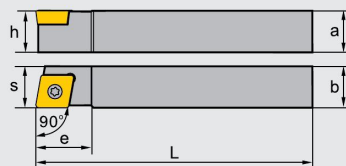
S-type clamping

SCACR/L

Kr:90°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Wrench		
		R	L	a	b	L	h	s	e				
SCACR/L	1010E06	▲	△	10	10	70	10	10	10	I60M2.5×6.5	WT07IP		
	1212F09	▲	▲	12	12	80	12	12	16	I60M3.5×8	WT15IP		

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For semi-finishing	For roughing	For AI machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	SF  A80	HF  A80	HM  A81	HR  A82	LH  A82	Without chipbreaker  A83	Without chipbreaker  A115
		EF  A81	EM  A81		LC  A82		
Tool holder type	SCACR/L□□E06	CC□□0602□□	CC□□0602□□	CC□□0602□□	CC□□0602□□	CCGX 0602□□	CC□□ 0602□□
	SCACR/L□□F09	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CCGX 09T3□□	CC□□ 09T3□□

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Corresponding tool holders of insert **CC** ☐ ☐ S-type clamping

A

General turning

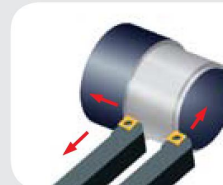
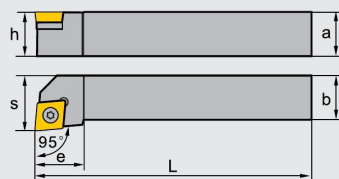
External turning tools

SCLCR/L

Kr:95°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		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	I60M3.5×8	—	—	WT15IP
	1616H09	▲	▲	16	16	100	16	20	16				
	2020K12	▲	▲	20	20	125	20	25	25	I60M4×11X	C12BS	SM6×10XA	WT15IP WH40L
	2525M12	▲	▲	25	25	150	25	32	26				
	3225P12	▲	▲	32	25	170	32	32	26				

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For semi-finishing	For roughing	For AI machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	SF  A80	HF  A80	HM  A81	HR  A82	LH  A82	 A83	 A115
		EF  A81	EM  A81		LC  A82		
Tool holder type	SCLCR/L□□D/E06	CC□□ 0602□□	CC□□ 0602□□	CC□□ 0602□□	CC□□ 0602□□	CCGX 0602□□	CC□□ 0602□□
	SCLCR/L□□F/H09	CC□□ 09T3□□	CC□□ 09T3□□	CC□□ 09T3□□	CC□□ 09T3□□	CCGX 09T3□□	CC□□ 09T3□□
	SCLCR/L□□K/M/P12		CC□□ 1204□□	CC□□ 1204□□	CC□□ 1204□□	CCGX 1204□□	CC□□ 1204□□



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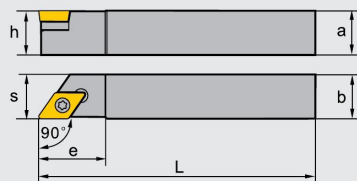
Corresponding tool holders of insert **DC** ☐ ☐ S-type clamping

SDACR/L

Kr:90°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SDACR/L	1010E07	△	△	10	10	70	10	10	15	I60M2.5×6.5	—	—	WT07IP
	1212F11	△	△	12	12	80	12	12	15	I60M3.5×8	—	—	WT15IP
	1616H11	△	△	16	16	100	16	16	24	I60M3.5×12	D11BS	SM5×8.65XA	WT15IP WH35L

▲ Stock available

△ Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For semi-finishing	For roughing	For AI machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	SF  A84	HF  A84	HM  A85	HR  A86	LH  A86	Without chipbreaker  A86	Without chipbreaker  A116
		EF  A85	EM  A85		LC  A86		
Tool holder type	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□□	DCGX 11T3□□	DC□□ 11T3□□	DC□□ 11T3□□

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TURNING

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Corresponding tool holders of insert **DC** □ □

S-type clamping

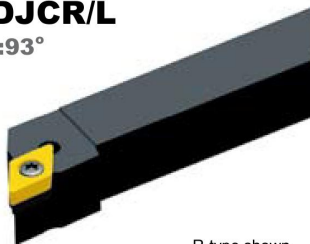
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General turning

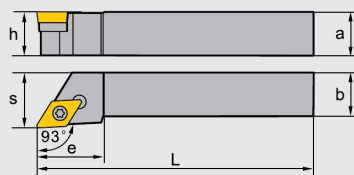
External turning tools

SDJCR/L

Kr:93°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SDJCR/L	1010E07	▲	△	10	10	70	10	12	15	I60M2.5×6.5	—	—	WT071P
	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	WT151P WH35L
	2020K11	▲	▲	20	20	125	20	25	24				
	2525M11	▲	▲	25	25	150	25	32	29				
	3225P11	▲	▲	32	25	170	32	32	29				

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For semi-finishing	For roughing	For AI machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	SF  A84	HF  A84	HM  A85	HR  A86	LH  A86	Without chipbreaker  A86	Without chipbreaker  A116
		EF  A85	EM  A85		LC  A86		
Tool holder type	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□□	DCGX 11T3□□	DC□□11T3□□	DC□□11T3□□



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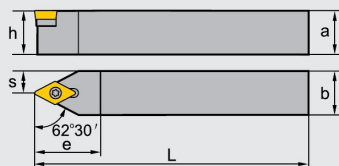
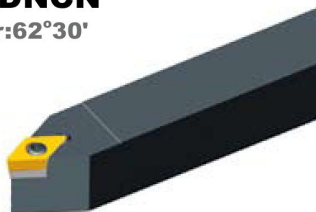
External turning tools

TURNING

Corresponding tool holders of insert **DC** ☐ ☐ S-type clamping

SDNCN

Kr:62°30'



Type		Stock	Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
			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	I60M3.5×8	—	—	WT15IP
	1616H11	▲	16	16	100	16	8	30	—	—	—	—
	2020K11	▲	20	20	125	20	10	30	I60M3.5×12	D11BS	SM5×8.65XA	WT15IP WH35L
	2525M11	▲	25	25	150	25	12.5	30	—	—	—	—

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For semi-finishing	For roughing	For AI machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	SF  A84	HF  A84	HM  A85	HR  A86	LH  A86	Without chipbreaker  A86	Without chipbreaker  A116
		EF  A85	EM  A85		LC  A86		
Tool holder type	SDNCN□□E/F07	DC□□0702□□	DC□□0702□□	DC□□0702□□	DCGX0702□□	DC□□0702□□	DC□□0702□□
	SDNCN□□H/K/M11	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DCGX11T3□□	DC□□11T3□□	DC□□11T3□□

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TURNING

General Turning Tools

External turning tools

Corresponding tool holders of insert **VB** □ □

S-type clamping

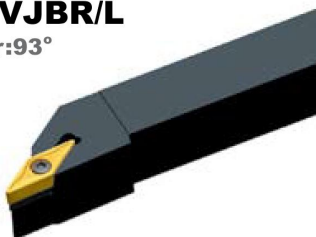
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General turning

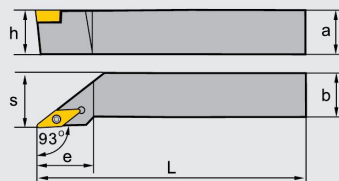
External turning tools

SVJBR/L

Kr:93°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		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				

▲Stock available

△Make-to-order

Applicable inserts

Application		For finishing	For semi-finishing	For roughing	PCBN&PCD inserts			
Inserts shape	HF	 A95	HM	 A99	HR	 A99	Without chipbreaker	 A118
	NF	 A95						
Tool holder type	SVJBR/L□□F/H/K/M11	VB□□1102□□						
	SVJBR/L□□H/K/M/P16	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□



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TURNING

Corresponding tool holders of insert **VB** □ □

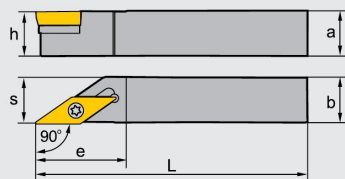
S-type clamping

SVABR/L

Kr:90°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SVABR/L	1010F11	△	△	10	10	80	10	10	25	I60M2.5×6.5	—	—	WT07IP
	1616H16	△	△	16	16	100	16	16	28	I60M3.5×12	V16BS	SM5×8.65XA	WT15IP WH35L
	2020K16	△	△	20	20	125	20	20	28				
	2525M16	△	△	25	25	150	25	25	28				

▲ Stock available

△ Make-to-order

Applicable inserts

Application	For finishing		For semi-finishing		For roughing		PCBN&PCD inserts
Inserts shape	HF	 A95	HM	 A99	HR	 A99	Without chipbreaker  A118
	NF	 A95					
Tool holder type	SVABR/L□□F11	VB□□1102□□					
	SVABR/L□□H/K/M16	VB□□1604□□		VB□□1604□□		VB□□1604□□	VB□□1604□□

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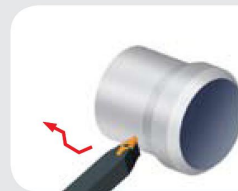
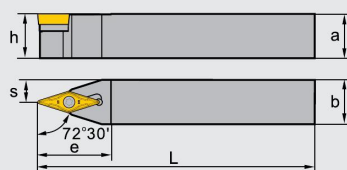
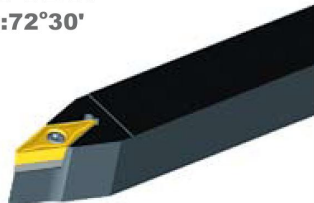
General Turning Tools

External turning tools

Corresponding tool holders of insert **VB** ☐ ☐ S-type clamping

SVVBN

Kr:72°30'



Type		Stock	Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
			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				

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing		For semi-finishing		For roughing		PCBN&PCD inserts
Inserts shape	HF	 A95	HM	 A99	HR	 A99	Without chipbreaker  A118
	NF	 A95					
Tool holder type	SVVBN□□F/H/K11	VB□□1102□□					
	SVVBN□□H/K/M16	VB□□1604□□		VB□□1604□□		VB□□1604□□	VB□□1604□□



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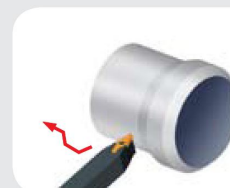
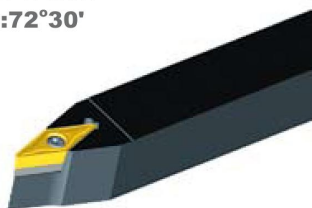
External turning tools

TURNING

Corresponding tool holders of insert **VC** ☐ ☐ S-type clamping

SVVCN

Kr:72°30'



Type		Stock	Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
			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	I60M3.5×12	V16BSC	SM5×8.65XA	WT15IP WH35L
	1616H16	▲	16	16	100	16	8	33				
	2020K16	▲	20	20	125	20	10	33				
	2525M16	▲	25	25	150	25	12.5	38				

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For AI machining	PCBN&PCD inserts
Inserts shape	SF  A95	HF  A95	LH  A96	Without chipbreaker  A118
		NF  A95	LC  A96	
Tool holder type	SVVCN□□F/H/K/M11	VC□□1103□□	VC□□1103□□	VCGX1103□□
	SVVCN□□H/K/M16	VC□□1604□□	VC□□1604□□	VCGX1604□□

A

General turning

External turning tools



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TURNING

General Turning Tools

External turning tools

Corresponding tool holders of insert **VC** □ □

S-type clamping

A

General turning

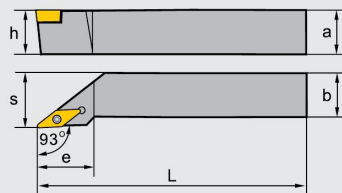
External turning tools

SVJCR/L

Kr:93°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		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				
	2525M16	▲	▲	25	25	150	25	32	41				
	3225P16	△	△	32	25	170	32	32	41				

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For AI machining	PCBN&PCD inserts
Inserts shape	SF  A95	HF  A95	LH  A96	Without chipbreaker  A118
		NF  A95	LC  A96	
Tool holder type	SVJCR/L□□E/F/H/K/M11	VC□□1103□□	VC□□1103□□	VCGX1103□□
	SVJCR/L□□H/K/M/P16	VC□□1604□□	VCGX1604□□	VC□□1604□□



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TURNING

General Turning Tools

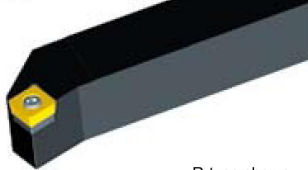
External turning tools

Corresponding tool holders of insert **SC** □ □

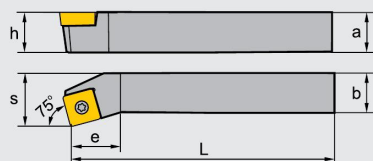
S-type clamping

SSKCR/L

Kr:75°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SSKCR/L	1616H09	▲	△	16	16	100	16	20	13	I60M3.5×12	S09BS	SM5×8.65XA	WT151P WH35L

▲Stock available

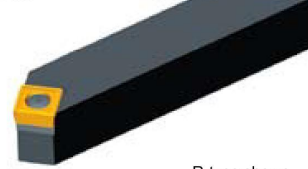
△Make-to-order

Corresponding tool holders of insert **SC** □ □

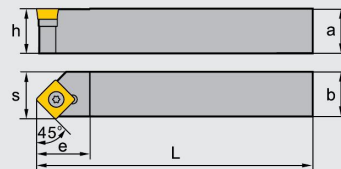
S-type clamping

SSSCR/L

Kr:45°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SSSCR/L	1616H09	▲	▲	16	16	100	16	17	16	I60M3.5×12	—	—	WT151P
	2020K12	▲	▲	20	20	125	20	21	24	I60M4×11X	S12BS	SM6×10XA	WT151P WH40L

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing		For semi-finishing		For roughing		For Al machining		For cast iron machining
Inserts shape	HF		HM		HR		LH		Without chipbreaker 
	EF		EM				LC		
Tool holder type	SSKCR/L□□H09		SC□□09T3□□		SC□□09T3□□		SCGX09T3□□		SC□□09T3□□
	SSSCR/L□□H09		SC□□09T3□□		SC□□09T3□□		SCGX09T3□□		SC□□09T3□□
	SSSCR/L□□K12		SC□□1204□□		SC□□1204□□		SCGX1204□□		SC□□1204□□



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General Turning Tools

External turning tools

TURNING

Corresponding tool holders of insert TC□□

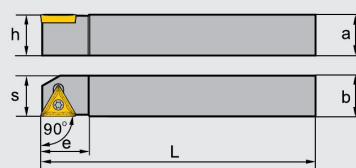
S-type clamping

STACR/L

Kr:90°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Wrench		
		R	L	a	b	L	h	s	e				
STACR/L	1212F11	△	△	12	12	80	12	12	14	I60M2.5×6.5	WT07IP		

▲Stock available

△Make-to-order

Corresponding tool holders of insert TC□□

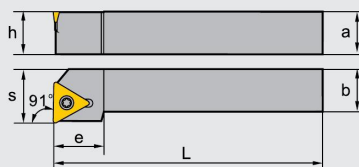
S-type clamping

STFCR/L

Kr:91°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
STFCR/L	1212F11	▲	▲	12	12	80	12	16	14	I60M2.5×6.5			WT07IP
	1616H11	▲	▲	16	16	100	16	20	14		—	—	
	1616H16	▲	▲	16	16	100	16	20	19	I60M3.5×12	T16BS	SM5×8.65XA	WT15IP WH35L
	2020K16	▲	▲	20	20	125	20	25	19				

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing	For semi-finishing	For roughing	For Al machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	HF  A91	HM  A93	HR  A93	LH  A94	Without chipbreaker  A94	Without chipbreaker  A117
	EF  A92	EM  A92		LC  A93		
Tool holder type	STACR/L□□F11	TC□□1102□□	TC□□1102□□	TC□□1102□□	TCGX1102□□	TC□□1102□□
	STFCR/L□□F/H11	TC□□1102□□	TC□□1102□□	TC□□1102□□	TCGX1102□□	TC□□1102□□
	STFCR/L□□H/K16	TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TCGX16T3□□	TC□□16T3□□

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TURNING

General Turning Tools

External turning tools

Corresponding tool holders of insert **TC** ☐ ☐

S-type clamping

A

General turning

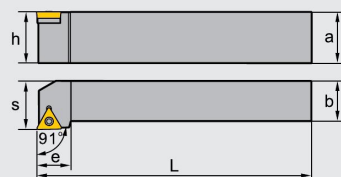
External turning tools

STGCR/L

Kr:91°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
STGCR/L	0808D09	▲	△	08	08	60	8	10	11	I60M2.2×5.5	—	—	WT061P
	1010E09	▲	▲	10	10	70	10	12	11				
	1212F11	▲	▲	12	12	80	12	16	14	I60M2.5×6.5	—	—	WT071P
	1616H11	▲	▲	16	16	100	16	20	16				
	2020K16	▲	▲	20	20	125	20	25	21	I60M3.5×12	T16BS	SM5×8.65XA	WT151P WH35L
	2525M16	▲	▲	25	25	150	25	32	21				

▲Stock available

△Make-to-order

Applicable inserts

Application	For extra finishing	For finishing	For semi-finishing	For roughing	For Al machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	SF  A91	HF  A91	HM  A93	HR  A93	LH  A94	Without chipbreaker  A94	Without chipbreaker  A117
		EF  A92	EM  A92		LC  A93		
Tool holder type	STGCR/L□□D/E09	TC□□0902□□	TC□□0902□□	TC□□0902□□	TC□□0902□□	TC□□0902□□	TC□□0902□□
	STGCR/L□□F/H11		TC□□1102□□	TC□□1102□□	TC□□1102□□	TC□□1102□□	TC□□1102□□
	STGCR/L□□K/M16		TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TC□□16T3□□



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General Turning Tools

External turning tools

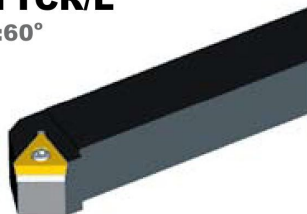
TURNING

Corresponding tool holders of insert **TC** ☐ ☐

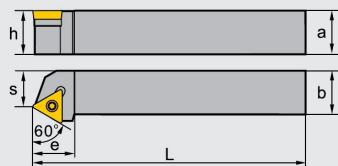
S-type clamping

STTCR/L

Kr:60°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		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 WH35L
	2020K16	△	△	20	20	125	20	17	19				

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing	For semi-finishing	For roughing	For Al machining	For cast iron machining	PCBN&PCD inserts
Inserts shape	HF  A91	HM  A93	HR  A93	LH  A94	Without chipbreaker  A94	Without chipbreaker  A117
	EF  A92	EM  A92		LC  A93		
Tool holder type	STTCR/L□□H11	TC□□1102□□	TC□□1102□□	TC□□1102□□	TCGX1102□□	TC□□1102□□
	STTCR/L□□H/K16	TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TCGX16T3□□	TC□□16T3□□

A

General turning

External turning tools



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TURNING

General Turning Tools

External turning tools

Corresponding tool holders of insert **WC** ☐ ☐ S-type clamping

A

General turning

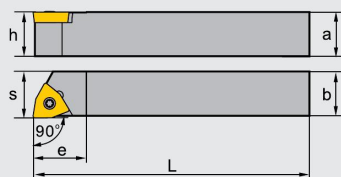
External turning tools

SWACR/L

Kr:90°



R-type shown



Type		Stock		Basic dimensions(mm)						Screw	Wrench		
		R	L	a	b	L	h	s	e				
SWACR/L	1010E04	△	△	10	10	70	10	10	10	I60M2.5×6.5	WT07IP		
	1212F04	▲	△	12	12	80	12	12	14				
	1616H06	▲	△	16	16	100	16	16	20	I60M3×7	WT10IP		
	2020K08	▲	▲	20	20	125	20	20	24	I60M3.5×12	WT15IP		

▲Stock available

△Make-to-order

Applicable inserts

Application	For finishing
Inserts shape	53 
	A97
Tool holder type	SWACR/L □□E/F04 WC□X0402□□
	SWACR/L □□H06 WC□X06T3□□
	SWACR/L □□K08 WC□X0804□□



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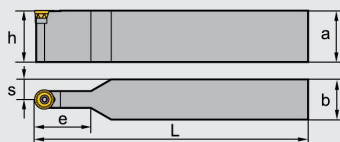
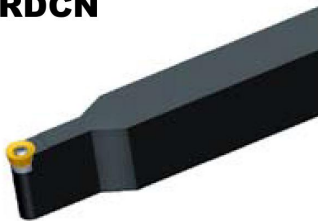
General Turning Tools

External turning tools

TURNING

Corresponding tool holders of insert **RC** ☐ ☐ S-type clamping

SRDCN



Type		Stock	Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
			a	b	L	h	s	e				
SRDCN	1616H08	△	16	16	100	16	8	16	I60M3×7	—	—	WT10IP
	1616H10	△	16	16	100	16	8	25	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				

▲Stock available

△Make-to-order

Applicable inserts

Application	For semi-finishing	For roughing	For AI machining	
Inserts shape				
	A87	A87	A87	A87
Tool holder type	SRDCN□□H08	RCMT0803MO	RCMT0803MO	RCGX0803MO-LH
	SRDCN□□H/K/M10	RCMT10T3MO	RCMT10T3MO	RCMT10T3MO
	SRDCN□□K/M/P12	RCMT1204MO	RCMT1204MO	RCMT1204MO
	SRDCN□□P/S16	RCMT1606MO	RCMT1606MO	RCMT1606MO

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TURNING

General Turning Tools

External turning tools

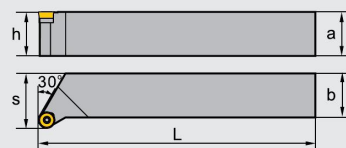
Corresponding tool holders of insert RC□□

S-type clamping

SRGCR/L



R-type shown



Type		Stock		Basic dimensions(mm)					Screw	Shim	Shim screw	Wrench
		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				
	2525M10	▲	▲	25	25	150	25	32	I60M3.5×12	R12BS	SM5×8.65XA	WT15IP WH35L
	2020K12	▲	△	20	20	125	20	27				
	2525M12	▲	▲	25	25	150	25	32				

▲Stock available

△Make-to-order

Applicable inserts

Application	For semi-finishing	For roughing	For Al machining	
Inserts shape				
	A87	A87	A87	A87
Tool holder type	SRGCR/L□□H08	RCMT0803MO	RCMT0803MO	RCGX0803MO-LH
	SRGCR/L□□H/K/M10	RCMT10T3MO	RCMT10T3MO	RCMT10T3MO
	SRGCR/L□□K/M12	RCMT1204MO	RCMT1204MO	RCMT1204MO



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General Turning Tools

External turning tools

TURNING

Corresponding tool holders of insert **KNUX** □ □

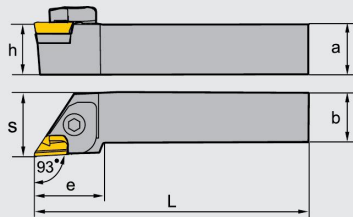
C-type clamping

CKJNR/L

Kr:93°



R-type shown



Type		Stock	Basic dimensions(mm)						Applicable inserts	Clamp	Clamp screw	Spring	Clamping stud	Shim	Shim screw	Wrench
			a	b	L	h	s	e								
CKJNR	2525M16	△	25	25	150	25	32	32	KNUX1604□□R A78	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 A78	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								

▲Stock available

△Make-to-order

Corresponding tool holders of insert **KNUX** □ □

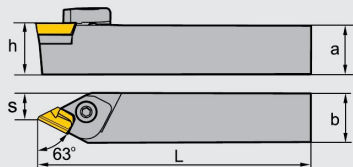
C-type clamping

CKNNR/L

Kr:63°



R-type shown



Type	Stock	Basic dimensions(mm)						Applicable inserts	Clamp	Clamp screw	Spring	Clamping stud	Shim	Shim screw	Wrench
		a	b	L	h	s									
CKNNR	2525M16	△	25	25	150	25	14.3	KNUX1604□□R A78	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 A78	C6L1T	CM6×25A	SPR1 SPR2	P0515	K16CCL	SM3×10B	WH20L WH40L
	3232P16	△	32	32	170	32	16.8								

▲Stock available

△Make-to-order

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TURNING

General Turning Tools

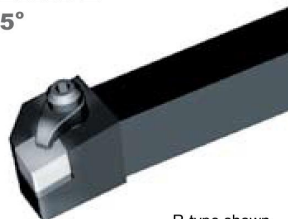
External turning tools for ceramic inserts

Corresponding tool holders of insert **CN**

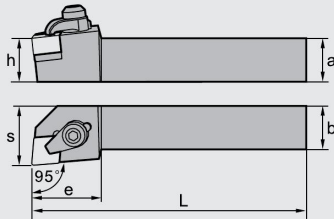
C-type clamping

CCLNR/L

Kr:95°



R-type shown



Type	Stock		Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
	R	L	a	b	L	h	s	e								
CCLNR/L	2020K12	△	△	20	20	125	20	27	32	CNGN1207□□ (1204□□) A123	C1RC	CM6×30B	WH20L WH40L	C12CC-07 (C12CC-04)	SM3×10B	SPR1
	2525M12	△	△	25	25	150	25	27	36							
	2525M16	△	△	25	25	150	25	32	36	CNGN1606□□ (1604□□) A123	C2RC	CM8×30B	WH30L WH50L	C16CC-06 (C16CC-04)	SM4×12B	SPR3
	3225P16	△	△	32	25	170	32	32	36							

▲Stock available

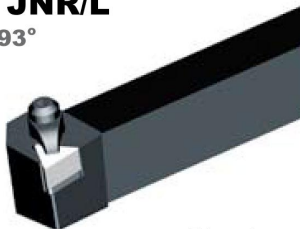
△Make-to-order

Corresponding tool holders of insert **TN**

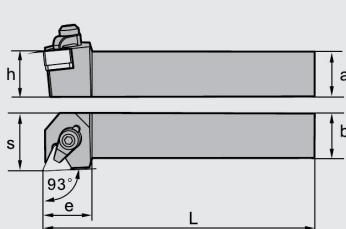
C-type clamping

CTJNR/L

Kr:93°



R-type shown



Type	Stock		Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
	R	L	a	b	L	h	s	e								
CTJNR/L	2020K16	△	△	20	20	125	20	25	30	TNGN1607□□ (1604□□) A129	C1RC	CM6×30B	WH20L WH40L	T16CC-07 (T16CC-04)	SM3×10B	SPR1
	2525M16	△	△	25	25	150	25	32	30							

▲Stock available

△Make-to-order



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General Turning Tools

External turning tools for ceramic inserts

TURNING

Corresponding tool holders of insert **TN**

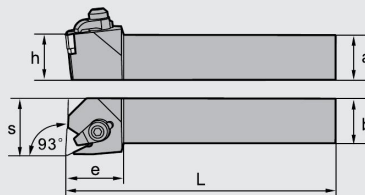
C-type clamping

CTUNR/L

Kr:93°



R-type shown



Type	Stock		Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
	R	L	a	b	L	h	s	e								
CTUNR/L	2020K16	△	△	20	20	125	20	25	27	TNGN1607□□ (1604□□) A129	C1RC	CM6×30B	WH20L WH40L	T16CC-07 (T16CC-04)	SM3×10B	SPR1
	2525M16	△	△	25	25	150	25	32	27							

▲Stock available

△Make-to-order

Corresponding tool holders of insert **DN**

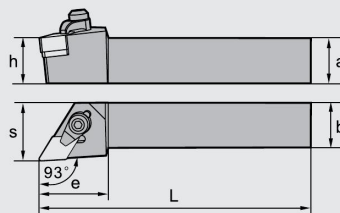
C-type clamping

CDJNR/L

Kr:93°



R-type shown



Type	Stock		Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
	R	L	a	b	L	h	s	e								
CDJNR/L	2525M15	△	△	25	25	150	25	32	32	DNGN1507□□ (1504□□) A125	C1RC	CM6×30B	WH20L WH40L	D15CC-07 (D15CC-04)	SM3×10B	SPR1
	3225P15	△	△	32	25	170	32	32	32							

▲Stock available

△Make-to-order

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General turning

External turning tools for ceramic inserts



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TURNING

General Turning Tools

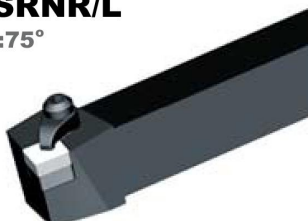
External turning tools for ceramic inserts

Corresponding tool holders of insert **SN**

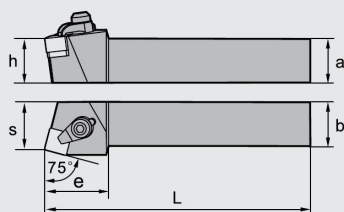
C-type clamping

CSNR/L

Kr:75°



R-type shown



Type	Stock	Basic dimensions(mm)								Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
		R	L	a	b	L	h	s	e							
CSNR/L	2020K12	△	△	20	20	125	20	22	32	SNGN1207□□ (1204□□) A127	C1RC	CM6×30B	WH20L WH40L	S12CC-07 (S12CC-04)	SM3×10B	SPR1
	2525M12	△	△	25	25	150	25	27	32							
	3225P12	△	△	32	25	170	32	27	32							
	3225P15	△	△	32	25	170	32	32	40	SNGN1507□□ A127	C2RC	CM8×30B	WH30L WH50L	S15CC-07	SM4×12B	SPR3
	4040R15	△	△	40	40	200	40	43	40							

▲Stock available

△Make-to-order

Corresponding tool holders of insert **SN**

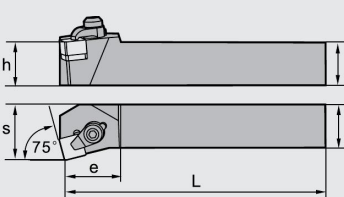
C-type clamping

CSKNR/L

Kr:75°



R-type shown



Type	Stock	Basic dimensions(mm)								Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
		R	L	a	b	L	h	s	e							
CSKNR/L	2020K12	△	△	20	20	125	20	25	25	SNGN1207□□ (1204□□) A127	C1RC	CM6×30B	WH20L WH40L	S12CC-07 (S12CC-04)	SM3×10B	SPR1
	2525M12	△	△	25	25	150	25	32	25							
	3225P12	△	△	32	25	170	32	32	25							
	3225P15	△	△	32	25	170	32	32	30	SNGN1507□□ A127	C2RC	CM8×30B	WH30L WH50L	S15CC-07	SM4×12B	SPR3

▲Stock available

△Make-to-order



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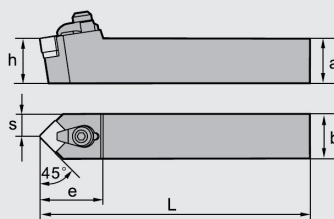
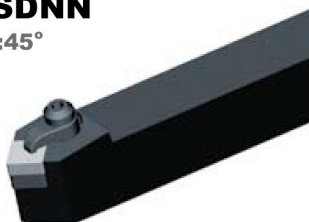
External turning tools for ceramic inserts

TURNING

Corresponding tool holders of insert **SN** ☐ ☐ C-type clamping

CSDNN

Kr:45°



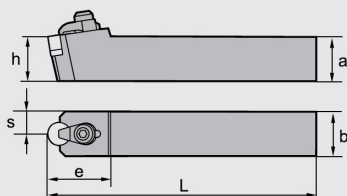
Type	Stock	Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
		a	b	L	h	s	e								
CSDNN	2020K12	△	20	20	125	20	10	35	SNGN1207□□ (1204□□) A127	C1RC	CM6×30B	WH20L WH40L	S12CC-07 (S12CC-04)	SM3×10B	SPR1
	2525M12	△	25	25	150	25	12.5	35							
	3225P12	△	32	25	170	32	12.5	35							

▲Stock available

△Make-to-order

Corresponding tool holders of insert **RN** ☐ ☐ C-type clamping

CRDNN



Type	Stock	Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
		a	b	L	h	s	e								
CRDNN	2020K12	△	20	20	125	20	10	32	RNGN1207□□ (1204□□) A130	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□□ A130	C2RC	CM8×30B	WH20L WH50L	R15CC-07	SM3×10B	SPR3
	4040R15	△	40	40	200	40	20	40							

▲Stock available

△Make-to-order

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TURNING

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External turning tools for ceramic inserts

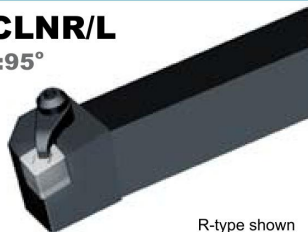
Corresponding tool holders of insert **CN** ☐ ☐ J-type clamping

A

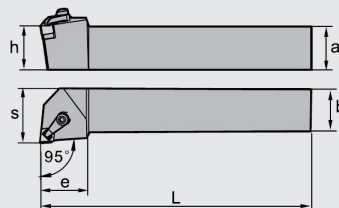
General turning

External turning tools for ceramic inserts

JCLNR/L Kr:95°



R-type shown



Type	Stock		Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
	R	L	a	b	L	h	s	e								
JCLNR/L	2020K12	△	△	20	20	125	20	29	32	CNGX1207□□ A124	C1RJ	CM6×30B	WH20L WH40L	C12CC-07	SM3×10B	SPR1
	2525M12	△	△	25	25	150	25	32	32							

▲Stock available

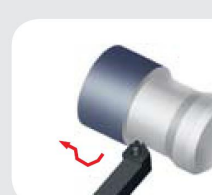
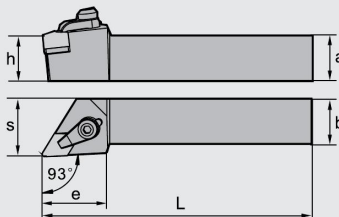
△Make-to-order

Corresponding tool holders of insert **DN** ☐ ☐ J-type clamping

JDJNR/L Kr:93°



R-type shown



Type	Stock		Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
	R	L	a	b	L	h	s	e								
JDJNR/L	2525M15	△	△	25	25	150	25	32	38	DNGX1507□□ A125	C1RJ	CM6×30B	WH20L WH40L	D15CC-07	SM3×10B	SPR1
	3225P15	△	△	32	25	170	32	32	38							

▲Stock available

△Make-to-order



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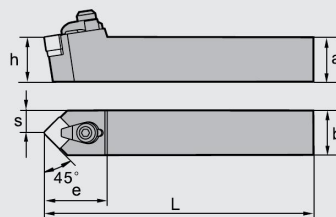
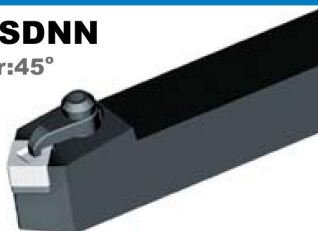
General Turning Tools

External turning tools for ceramic inserts

TURNING

Corresponding tool holders of insert **SN** ☐ ☐ J-type clamping

JSDNN
Kr:45°



Type	Stock	Basic dimensions(mm)							Applicable inserts	Clamp	Clamping screw	Wrench	Shim	Screw for clamping shim	Spring
		a	b	L	h	s	e								
JSDNN															
2020K12	△	20	20	125	20	10	40		SNGX1207□□ A126	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								

▲Stock available

△Make-to-order

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