Xin Rui

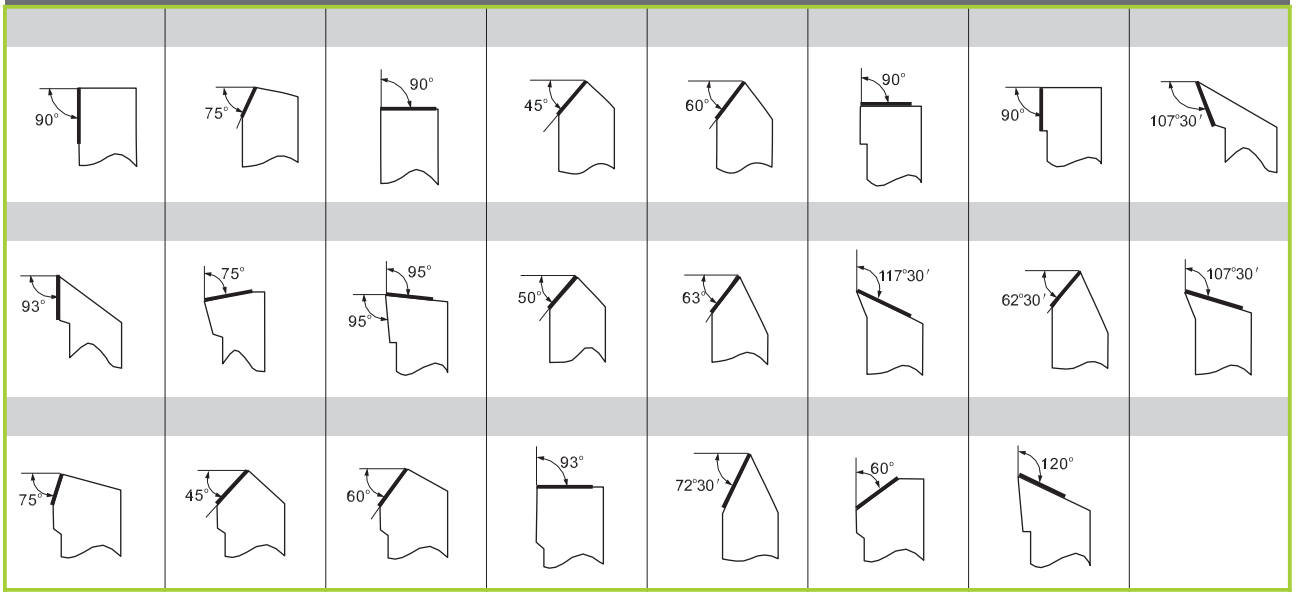
General Turning Tools

External turning tools code key

Clamping system	Inserts shape	Inserts clearance angle	Cutting direction
P – Hole clamping	C (80°)	B (5°)	L - Left hand
M – Top and hole clamping	D (55°)	C (7°)	R - Right hand
S – Screw on	R	D (15°)	N - Neutral
C – Top clamping	S (90°)	E (20°)	
	T (60°)	N (0°)	
	V (35°)	P (11°)	
	W (80°)		

P C L N L

Tool holder style and approach angle



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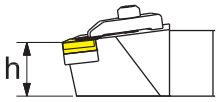
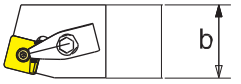
Nose height (mm)



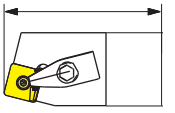
Code	Height
12	12
16	16
20	20
25	25
32	32
40	40
50	50

Width of toolholder (mm)



Code	Width
12	12
16	16
20	20
25	25
32	32
40	40
50	50

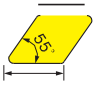
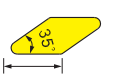
Length of toolholder (mm)



Code	Length
H	100
K	125
M	150
P	170
Q	180
R	200
S	250
T	300

25 25 M 12

Length of cutting edge

Inserts shape	C	D	R	S	T	V	W
							
Inscribed circle (mm)	Length of cutting edge(mm)						
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	---	---
25.400	25	---	25	25	44	---	---
32.000	---	---	32	---	---	---	---

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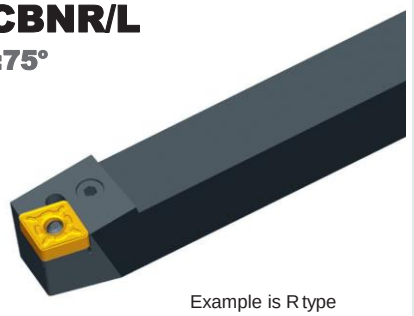
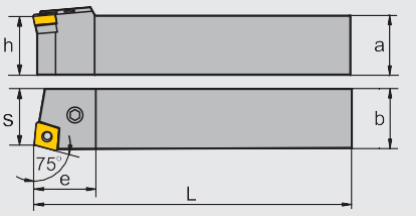
CN□□

PCBNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PCBNR/L	2020K12	▲	▲	20	20	125	20	17	27					
	2525M12	▲	▲	25	25	150	25	22	27					
	3232P12	▲	▲	32	32	170	32	27	27					
	2525M16	▲	▲	25	25	150	25	22	33					
	3232P16	▲	▲	32	32	170	32	27	33					
	3232P19	▲	▲	32	32	170	32	27	38					
	4040S19	▲	▲	40	40	250	40	35	38					
	4040S2507	▲	▲	40	40	250	40	35	50					
	4040S2509	▲	▲	40	40	250	40	35	50					

Toolholders type						
	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□□		

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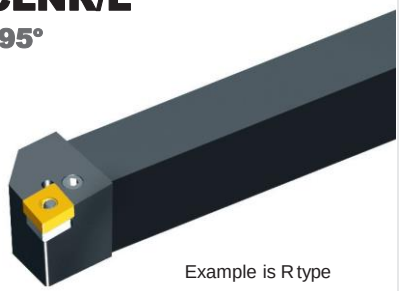
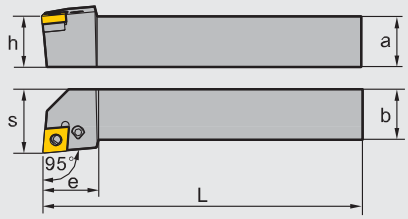
CN□□

PCLNR/L

Kr:95°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PCLNR/L	1616H09	▲	▲	16	16	100	16	20	20					
	2020K09	▲	▲	20	20	125	20	25	22					
	2525M09	▲	▲	25	25	150	25	32	22					
	2020K12	▲	▲	20	20	125	20	25	28					
	2525M12	▲	▲	25	25	150	25	32	28					
	3232P12	▲	▲	32	32	170	32	40	28					
	2525M16	▲	▲	25	25	150	25	32	33					
	3232P16	▲	▲	32	32	170	32	40	33					
	3232P19	▲	▲	32	32	170	32	40	38					
	4040S19	▲	▲	40	40	250	40	50	38					
	4040S2507	▲	▲	40	40	250	40	50	49					
	4040S2509	▲	▲	40	40	250	40	50	49					

Toolholders type							
	PCLNR/L□□H/K/M09	CN□□0903□□	CN□□0903□□				
	PCLNR/L□□K/M/P12	CN□□1204□□	CN□□1204□□	CN□□1204□□	CN□□1204□□	CN□□1204□□	CN□□1204□□
	PCLNR/L□□M/P16	CN□□1606□□	CN□□1606□□	CN□□1606□□	CN□□1606□□	CN□□1606□□	
	PCLNR/L□□P/S19		CN□□1906□□	CN□□1906□□	CN□□1906□□	CN□□1906□□	
	PCLNR/L□□S2507			CN□□2507□□			
	PCLNR/L□□S2509			CN□□2509□□			

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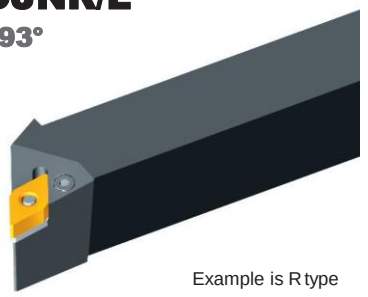
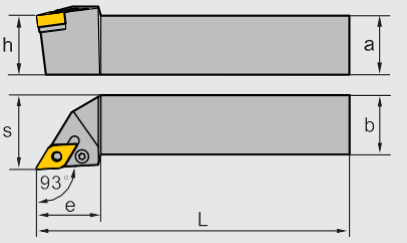
DN□□

PDJNR/L

Kr:93°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PDJNR/L	1616H11	▲	▲	16	16	100	16	20	25					
	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					
	3232P15	▲	▲	32	32	170	32	40	35					
	2020K15-3	▲	△	20	20	125	20	25	35					
	2525M15-3	▲	▲	25	25	150	25	32	35					
	3232P15-3	▲	△	32	32	170	32	40	35					

Toolholders type							
	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□□
	PDJNR/L□□K/M/P15-3	DN□□1504□□	DN□□1504□□			DN□□1504□□	DN□□1504□□

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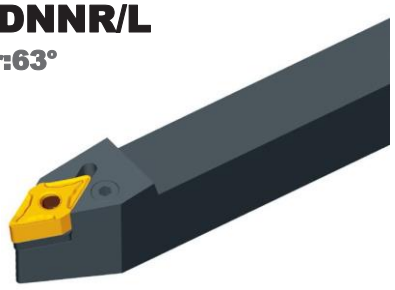
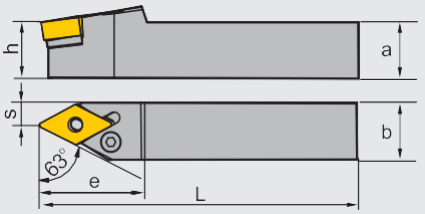
PDNNR/L

Kr:63°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PDNNR/L	2020K15	▲	▲	20	20	125	20	8	37					
	2525M15	▲	▲	25	25	150	25	12.5	37					
	3232P15	▲	▲	32	32	170	32	16	37					
	2020K15-3	▲	▲	20	20	125	20	8	37					
	2525M15-3	▲	▲	25	25	150	25	12.5	37					
	3232P15-3	▲	▲	32	32	170	32	16	37					

Toolholders type							
	PDNNR/L□□K/M/P15	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□
	PDNNR/L□□K/M/P15-3	DN□□1504□□	DN□□1504□□			DN□□1504□□	DN□□1504□□

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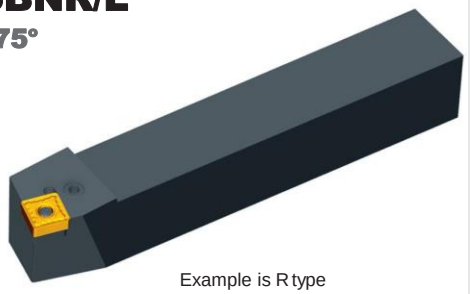
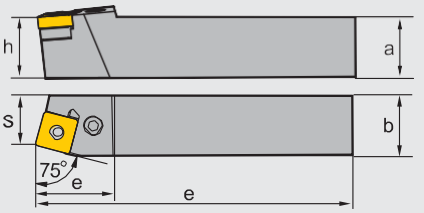
PSBNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PSBNR/L	1616H09	▲	▲	16	16	100	16	13	21					
	2020K09	▲	▲	20	20	125	20	17	23					
	2020K12	▲	▲	20	20	125	20	17	28					
	2525M12	▲	▲	25	25	125	25	22	28					
	3225P12	▲	△	32	25	170	32	22	28					
	3232P12	▲	▲	32	32	170	32	27	28					
	2525M15	▲	▲	25	25	150	25	22	35					
	3232P15	▲	▲	32	32	170	32	27	35					
	3232P19	▲	▲	32	32	170	32	27	40					
	4040S19	▲	▲	40	40	250	40	35	40					
	4040S2507	▲	▲	40	40	250	40	35	48					
	4040S2509	▲	▲	40	40	250	40	35	48					

Toolholders type							
	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□□	SN□□1204□□
	PSBNR/L□□M/P15	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	
	PSBNR/L□□P/S19		SN□□1906□□	SN□□1906□□	SN□□1906□□	SN□□1906□□	
	PSBNR/L□□S2507			SN□□2507□□	SN□□2507□□		
	PSBNR/L□□S2509			SN□□2509□□	SN□□2509□□		

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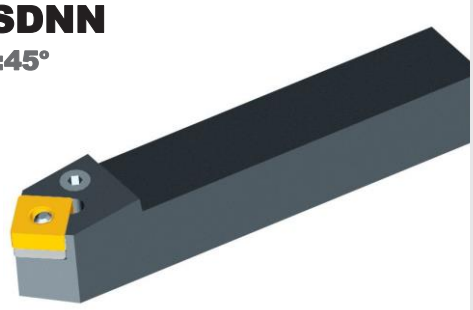
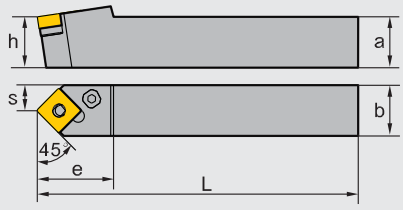
SN□□

PSDNN

Kr:45°





Type		Stock	Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
			a	b	L	h	s	e					
PSDNN	**1212F09**	△	12	12	80	12	6	21					
	1616H09	△	16	16	100	16	8	23					
	2020K12	▲	20	20	125	20	10	30					
	2525M12	▲	20	20	150	20	12.5	30					
	3232P12	▲	32	32	170	32	16	40					
	2525M15	▲	25	25	150	25	12.5	40					
	3232P15	▲	32	32	170	32	16	40					
	3232P19	▲	32	32	170	32	16	40					
	4040S19	▲	40	40	250	40	20	40					

Toolholders type							
	PSDNN□□F/H09	SN□□0903□□	SN□□0903□□			SN□□0903□□	
	PSDNN□□K/M/P12	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□
	PSDNN□□M/P15	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	
	PSDNN□□P/S19		SN□□1906□□	SN□□1906□□	SN□□1906□□	SN□□1906□□	

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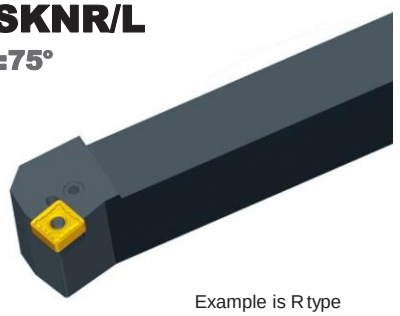
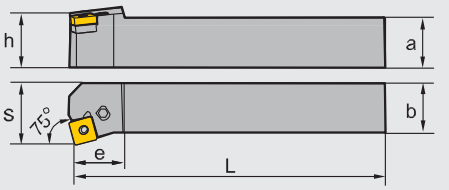
SN□□

PSKNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PSKNR/L	1616H09	▲	▲	16	16	100	16	20	17					
	2020K09	▲	△	20	20	125	20	25	20					
	2020K12	▲	▲	20	20	125	20	25	26					
	2525M12	▲	▲	25	25	150	25	32	26					
	3232P12	▲	▲	32	32	170	32	40	26					
	2525M15	▲	▲	25	25	150	25	32	32					
	3232P15	▲	▲	32	32	170	32	40	32					
	3232P19	▲	▲	32	32	170	32	40	36					
	4040S19	▲	▲	40	40	250	40	50	40					

Toolholders type							
	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□□	SN□□1204□□
	PSKNR/L□□M/P15	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	
	PSKNR/L□□P/S19		SN□□1906□□	SN□□1906□□	SN□□1906□□	SN□□1906□□	

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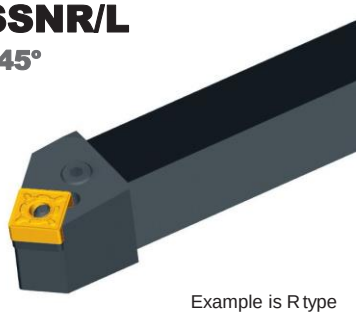
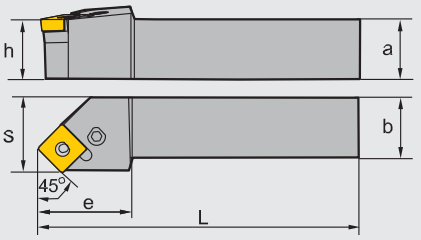
SN□□

PSSNR/L

Kr:45°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PSSNR/L	1616H09	▲	▲	16	16	100	16	20	25					
	2020K12	▲	▲	20	20	125	20	25	30					
	2525M12	▲	▲	25	25	150	25	32	30					
	3232P12	▲	▲	32	32	170	32	40	40					
	2525M15	▲	▲	25	25	150	25	32	30					
	3232P15	▲	▲	32	32	170	32	40	40					
	3232P19	▲	▲	32	32	170	32	40	40					
	4040S19	▲	▲	40	40	250	40	50	50					
	4040S2507	▲	▲	40	40	250	40	50	50					
	4040S2509	▲	▲	40	40	250	40	50	50					

Toolholders type							
	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□□
	PSSNR/L□□M/P15	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	
	PSSNR/L□□P/S19		SN□□1906□□	SN□□1906□□	SN□□1906□□	SN□□1906□□	
	PSSNR/L□□S2507			SN□□2507□□	SN□□2507□□		
	PSSNR/L□□S2509			SN□□2509□□	SN□□2509□□		

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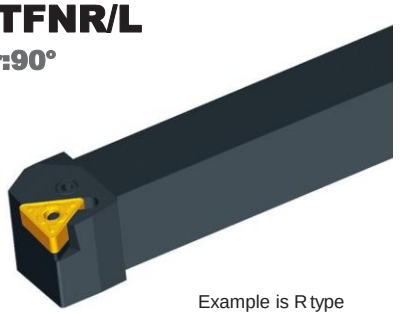
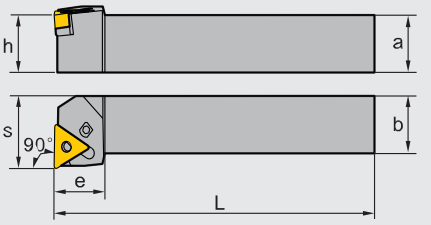
TN□□

PTFNR/L

Kr:90°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PTFNR/L	1616H16	△	▲	16	16	100	16	20	20					
	2020K16	▲	▲	20	20	125	20	25	20					
	2525M16	▲	▲	25	25	150	25	32	20					
	2525M22	▲	▲	25	25	150	25	32	25					
	3232P22	▲	▲	32	32	170	32	40	25					
	3232P27	▲	▲	32	32	170	32	40	34					
	4040S27	▲	▲	40	40	250	40	50	34					

Toolholders type							
	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□□	

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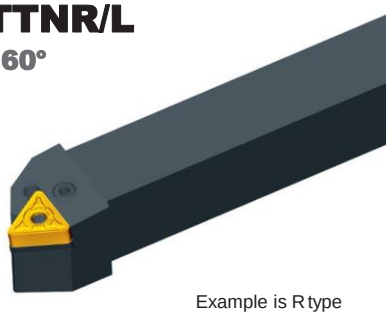
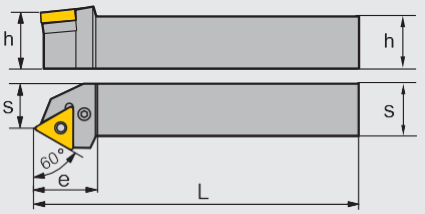
TN□□

PTTNR/L

Kr:60°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PTTNR/L	**1616H16**	▲	▲	16	16	100	16	13	25					
	2020K16	▲	▲	20	20	125	20	17	25					
	2525M22	▲	▲	25	25	150	20	22	32					

Toolholders type							
	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□□	

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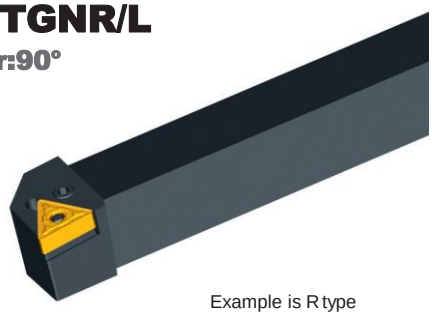
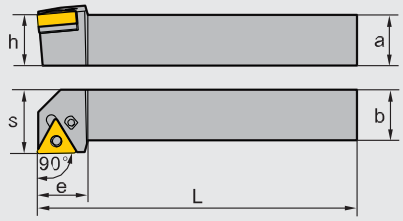
TN□□

PTGNR/L

Kr:90°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PTGNR/L	1010E11	△	△	10	10	70	10	14	16					
	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					
	2020K16	▲	▲	20	20	125	20	25	20					
	2525M16	▲	▲	25	25	150	25	32	20					
	3232P16	▲	▲	32	32	170	32	40	20					
	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					

Toolholders type							
	PTGNR/L□□E/F/H/K/M11	TN□□1103□□	TN□□1103□□			TN□□1103□□	
	PTGNR/L□□H/K/M/P16	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□
	PTGNR/L□□M/P22	TN□□2204□□	TN□□2204□□	TN□□2204□□	TN□□2204□□	TN□□2204□□	
	PTGNR/L□□P/S27			TN□□2706□□	TN□□2706□□	TN□□2706□□	

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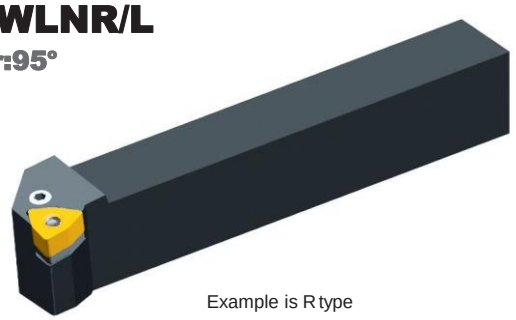
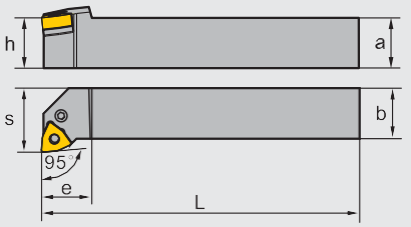
WN□□

PWLNR/L

Kr:95°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Shim	Wrench	Lever	Shim pin
		R	L	a	b	L	h	s	e					
PWLNR/L	1616H06	▲	▲	16	16	100	16	20	20					
	2020K06	▲	▲	20	20	125	20	25	20					
	2525M06	▲	▲	25	25	150	25	32	20					
	2020K08	▲	▲	20	20	125	20	25	26					
	2525M08	▲	▲	25	25	150	25	32	26					

Toolholders type					
	PWLNR/L□□H/K/M06	WN□□0604□□	WN□□0604□□	WN□□0604□□	WN□□0604□□
	PWLNR/L□□K/M08	WN□□0804□□	WN□□0804□□	WN□□0804□□	WN□□0804□□

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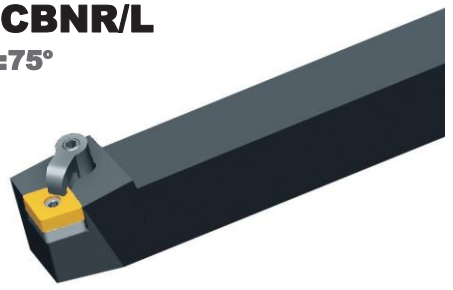
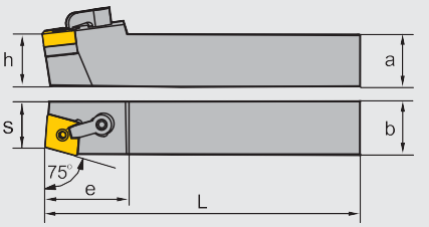
CN□□

MCBNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MCBNR/L	2020K12	▲	▲	20	20	125	20	17	32					
	2525M12	▲	▲	25	25	150	20	22	32					
	3225P12	▲	▲	32	25	170	32	22	32					
	2525M16	▲	▲	25	25	150	25	22	40					
	3232P16	▲	▲	32	32	170	32	27	40					
	3232P19	▲	▲	32	32	170	32	27	45					
	4040R19	▲	▲	40	40	200	40	35	45					

Toolholders type						
	MCBNR/L□□K/M/P12	CN□□1204□□	CN□□1204□□	CN□□1204□□	CN□□1204□□	CN□□1204□□
	MCBNR/L□□M/P16	CN□□1606□□	CN□□1606□□	CN□□1606□□	CN□□1606□□	CN□□1606□□
	MCBNR/L□□P/R19		CN□□1906□□	CN□□1906□□	CN□□1906□□	CN□□1906□□

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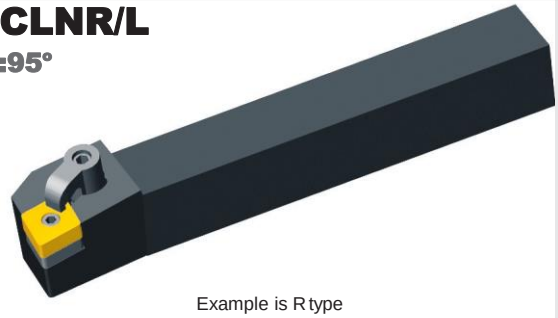
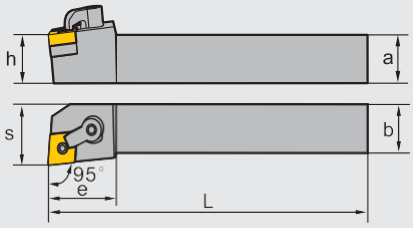
CN□□

MCLNR/L

Kr:95°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MCLNR/L	2020K12	▲	▲	20	20	125	20	25	32					
	2525M12	▲	▲	25	25	150	25	32	32					
	3225P12	▲	▲	32	25	170	32	32	32					
	2525M16	▲	▲	25	25	150	25	32	38					
	3232P16	▲	▲	32	32	170	32	40	38					
	3232P19	▲	▲	32	32	170	32	40	45					
	4040R19	▲	▲	40	40	200	40	50	45					

Toolholders type							
	MCLNR/L□□K/M/P12	CN□□1204□□	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□□	

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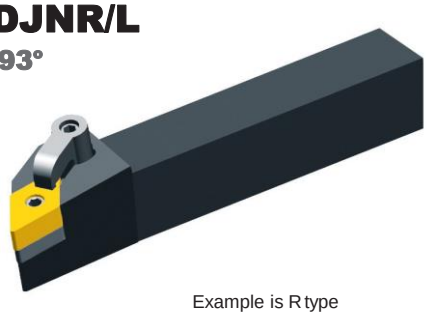
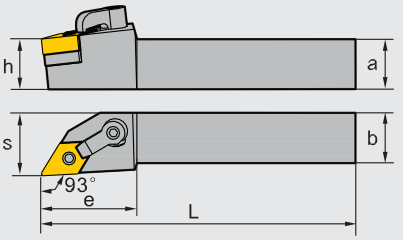
DN□□

MDJNR/L

Kr:93°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MDJNR/L	2020K11	▲	▲	20	20	125	20	25	32					
	2525M11	▲	▲	25	25	150	25	32	32					
	3225P11	▲	▲	32	25	170	32	32	32					
	2020K15	▲	▲	20	20	125	20	25	38					
	2525M15	▲	▲	25	25	150	25	32	38					
	3225P15	▲	▲	32	25	170	32	32	38					

Toolholders type							
	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□□1506□□

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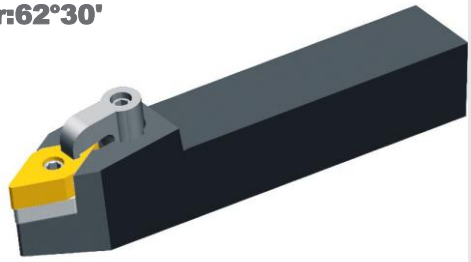
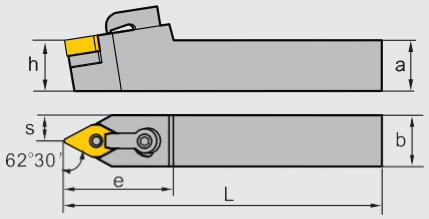
DN□□

MDPNN

Kr:62°30'





Type		Stock	Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
			a	b	L	h	s	e					
MDPNN	2020K11	▲	20	20	125	20	10	35					
	2525M11	▲	25	25	150	25	12.5	35					
	3225P11	▲	32	25	170	32	12.5	35					
	2020K15	▲	20	20	125	20	10	40					
	2525M15	▲	25	25	150	25	12.5	40					
	3225P15	▲	32	25	170	32	12.5	40					

Toolholders type							
	MDPNN□□K/M/P11	DN□□1104□□	DN□□1104□□			DN□□1104□□	
	MDPNN□□K/M/P15	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□

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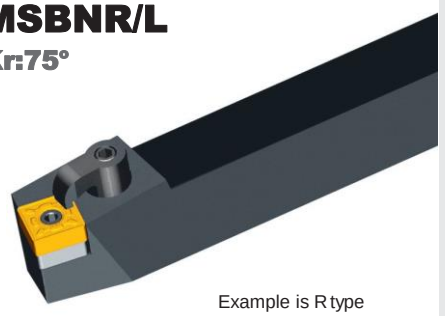
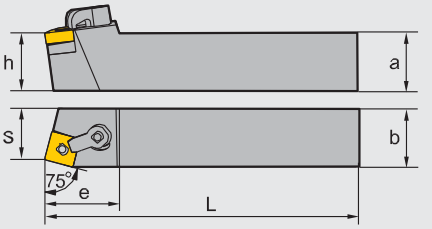
SN□□

MSBNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MSBNR/L	2020K12	▲	▲	20	20	125	20	17	32					
	2525M12	▲	▲	25	25	150	25	22	32					
	3225P12	▲	▲	32	25	170	32	22	32					
	2525M15	▲	▲	25	25	150	25	22	38					
	3232P15	▲	▲	32	32	170	32	29	38					
	4032R15	△	△	40	32	200	40	27	38					
	3232P19	▲	▲	32	32	170	32	27	45					
	4040R19	▲	▲	40	40	200	40	35	45					
	4040R25	▲	▲	40	40	200	40	35	50					
	4040S2509	▲	▲	40	40	250	40	35	50					

Toolholders type							
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□□		

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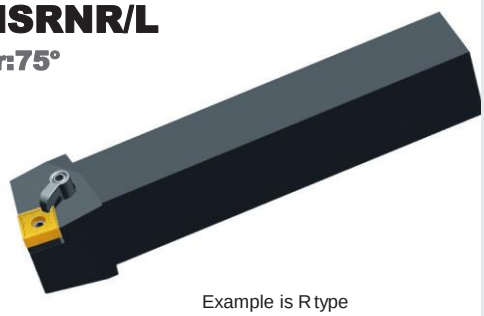
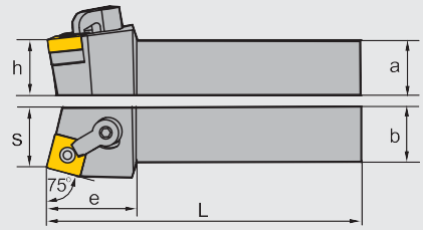
SN□□

MSRNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MSRNR/L	2020K12	▲	△	20	20	125	20	22	36					
	2525M12	▲	▲	25	25	150	25	27	36					
	3225P12	▲	▲	32	25	170	32	27	36					
	2525M15	▲	▲	25	25	150	25	27	40					
	3232P15	▲	▲	32	32	170	32	35	40					
	4032R15	▲	▲	40	32	200	40	35	40					
	3232P19	▲	▲	32	32	170	32	35	45					
	4040R19	△	△	40	40	200	40	43	45					
	4040R2509	▲	▲	40	40	200	40	43	50					
	4040S2509	▲	▲	40	40	250	40	43	50					

Toolholders type							
MSRNR/L□□K/M/P12	SN□□1204□□	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□□	SN□□1906□□	
MSRNR/L□□R/S2509			SN□□2509□□	SN□□2509□□		

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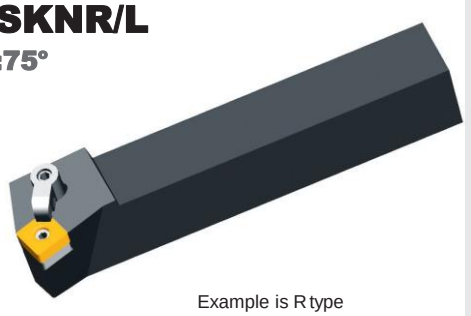
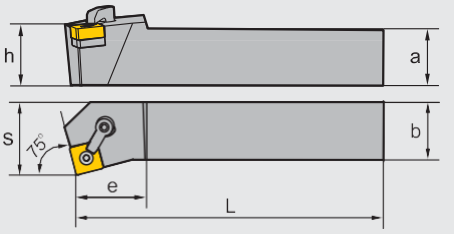
SN□□

MSKNR/L

Kr:75°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MSKNR/L	2020K12	▲	△	20	20	125	20	25	32					
	2525M12	▲	▲	25	25	150	25	32	32					
	3225P12	▲	▲	32	25	170	32	32	32					
	2525M15	▲	▲	25	25	150	25	32	28					
	3232P15	▲	▲	32	32	170	32	40	38					
	4032R15	△	△	40	32	200	40	40	38					
	3232P19	▲	▲	32	32	170	32	40	45					
	4040R19	△	△	40	40	200	40	50	45					
	4040S2509	△	△	40	40	250	40	50	50					

Toolholders type							
MSKNR/L□□K/M/P12	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□
MSKNR/L□□M/P/R15	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	SN□□1506□□	
MSKNR/L□□P/R19		SN□□1906□□	SN□□1906□□	SN□□1906□□	SN□□1906□□	
MSKNR/L□□S2509			SN□□2509□□	SN□□2509□□		

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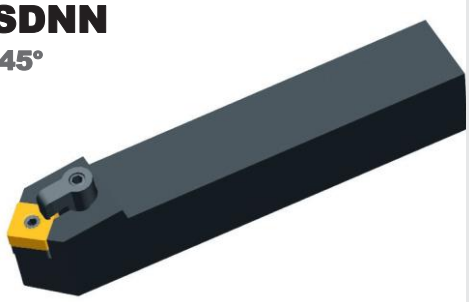
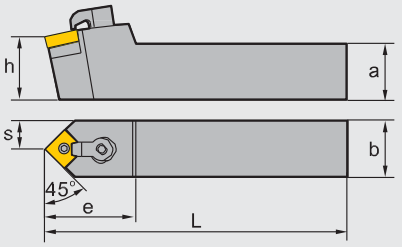
SN□□

MSDNN

Kr:45°





Type		Stock	Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
			a	b	L	h	s	e					
MSDNN	2020K12	▲	20	20	125	20	10	35					
	2525M12	▲	25	25	150	25	12.5	35					
	3225P12	▲	32	25	170	32	12.5	35					
	2525M15	▲	25	25	150	25	12.5	42					
	3232P15	▲	32	32	170	32	16	42					
	4032R15	△	40	32	200	40	16	42					

Toolholders type							
	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□□	

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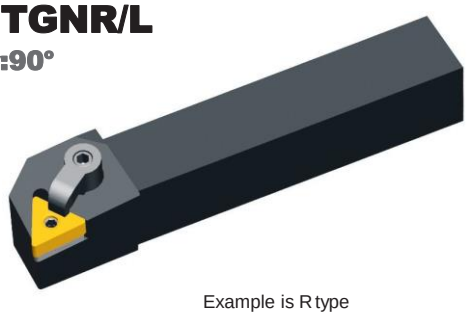
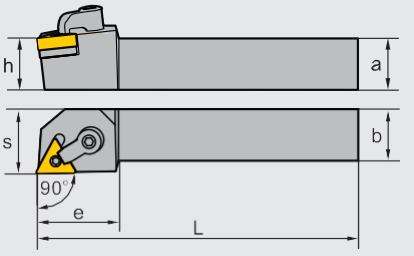
TN□□

MTGNR/L

Kr:90°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MTGNR/L	**2020K16**	▲	▲	20	20	125	20	25	33					
	2525M16	▲	▲	25	25	150	25	32	33					
	3225P16	▲	▲	32	25	170	32	32	33					
	2525M22	▲	▲	25	25	150	25	32	35					
	3225P22	▲	▲	32	25	170	32	32	35					

Toolholders type							
	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□□	

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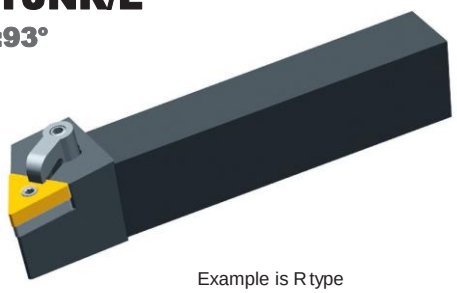
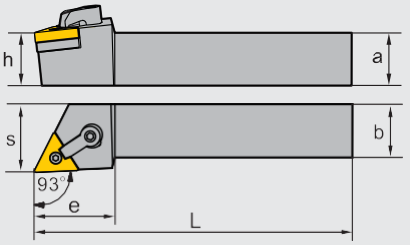
TN□□

MTJNR/L

Kr:93°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MTJNR/L	2020K16	▲	▲	20	20	125	20	25	32					
	2525M16	▲	▲	25	25	150	25	32	32					
	3225P16	▲	▲	32	25	170	32	32	32					
	2525M22	▲	▲	25	25	150	25	32	36					
	3225P22	▲	▲	32	25	170	32	32	36					

Toolholders type							
	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□□	

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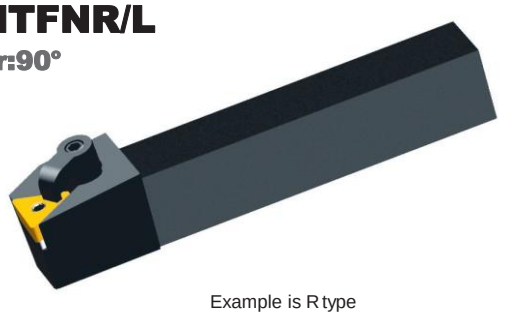
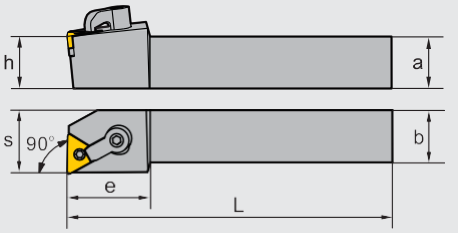
TN□□

MTFNR/L

Kr:90°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MTFNR/L	2020K16	▲	△	20	20	125	20	25	32					
	2525M16	▲	▲	25	25	150	25	32	32					
	3225P16	▲	△	32	25	170	32	32	32					
	2525M22	▲	▲	25	25	150	25	32	36					
	3225P22	▲	△	32	25	170	32	32	36					

Toolholders type							
	MTFNR/L□□K/M/P16	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□
	MTFNR/L□□M/P22	TN□□2204□□	TN□□2204□□	TN□□2204□□	TN□□2204□□	TN□□2204□□	

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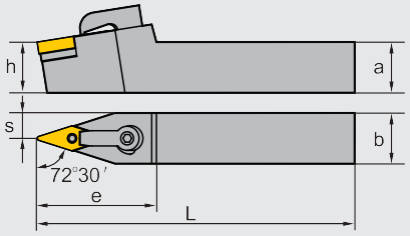
VN□□

MVVNN

Kr:72°30'



Type		Stock	Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
			a	b	L	h	s	e					
MVVNN	**2020K16**	▲	20	20	125	20	10	45					
	2525M16	▲	25	25	150	25	12.5	45					
	3225P16	▲	32	25	170	32	12.5	45					
	3232P16	▲	32	32	170	32	16	45					

Toolholders type			
MVVNN□□ K/M/P16	VN□□1604□□	VN□□1604□□	VN□□1604□□

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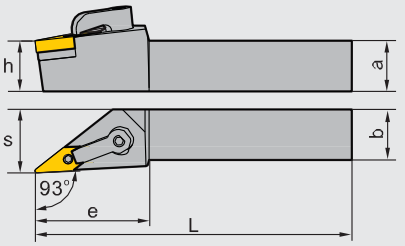
VN□□

MVJNR/L

Kr:93°

Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MVJNR/L	2020K16	▲	▲	20	20	125	20	25	45					
	2525M16	▲	▲	25	25	150	25	32	45					
	3225P16	▲	▲	32	25	170	32	32	45					
	3232P16	▲	▲	32	32	170	32	40	45					

Toolholders type			
MVJNR/L□□K/M/P16	VN□□1604□□	VN□□1604□□	VN□□1604□□

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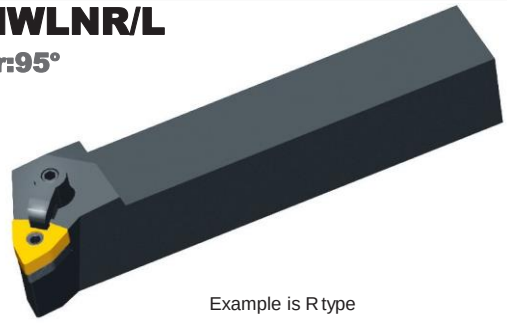
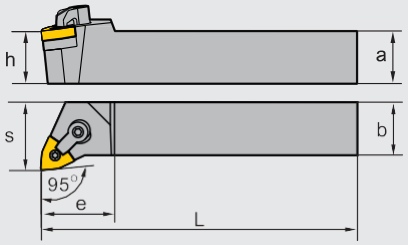
WN□□

MWLNR/L

Kr:95°



Example is R type



Type		Stock		Basic dimensions(mm)						Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e					
MWLNR/L	2020K06	▲	▲	20	20	125	20	25	30					
	2525M06	▲	▲	25	25	150	25	32	30					
	2020K08	▲	▲	20	20	125	20	25	30					
	2525M08	▲	▲	25	25	150	25	32	35					
	3525P08	▲	▲	32	25	170	32	32	35					
	3232P08	▲	▲	32	32	170	32	40	35					

Toolholders type					
	MWLNR/L□□K/M06	WN□□0604□□	WN□□0604□□	WN□□0604□□	WN□□0604□□
	MWLNR/L□□K/M/P08	WN□□0804□□	WN□□0804□□	WN□□0804□□	WN□□0804□□

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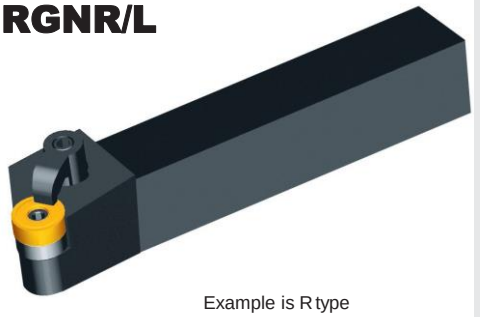
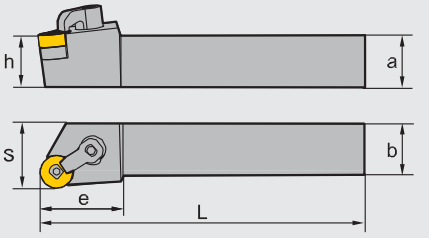
RN□□

MRGNR/L



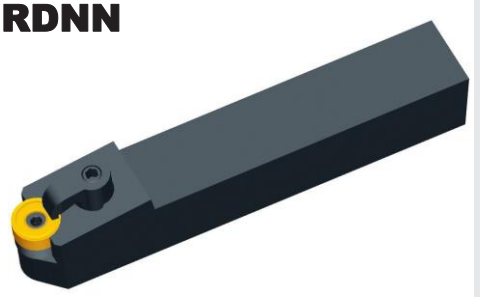
Example is R type

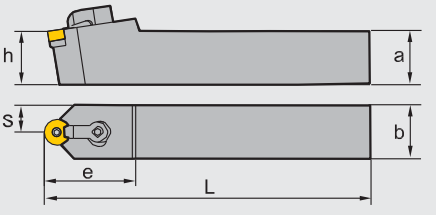


Type		Stock		Basic dimensions(mm)						Applicable insert	Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
		R	L	a	b	L	h	s	e						
MRGNR/L	2020K12	▲	▲	20	20	125	20	25	32	RN□□1204□□					
	2525M12	▲	▲	25	25	150	25	32	32						
	3225P12	▲	▲	32	25	170	32	32	32						
	3232P12	▲	▲	32	32	170	32	40	32						

RN□□

MRDNN





Type		Stock	Basic dimensions(mm)						Applicable insert	Double-ended Screw	Shim	Wrench	Clamp	Clamping stud
			a	b	L	h	s	e						
MRDNN	2020K12	▲	20	20	125	20	10	35	RN□□1204□□					
	2525M12	▲	25	25	150	25	12.5	35						
	3225P12	▲	32	25	170	32	12.5	35						
	3232P12	△	32	32	170	32	16	35						

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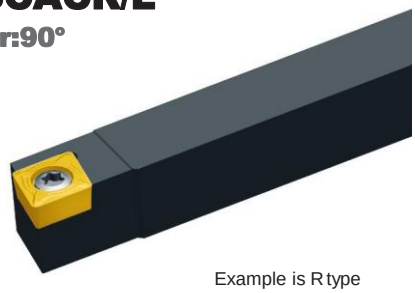
CC□□

SCACR/L

Kr:90°



Example is R type

Type		Stock		Basic dimensions(mm)						Screw	Wrench		
		R	L	a	b	L	h	s	e				
SCACR/L	1010E06	▲	△	10	10	70	10	10	10				
	1212F09	▲	▲	12	12	80	12	12	16				

Toolholders type								
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□□

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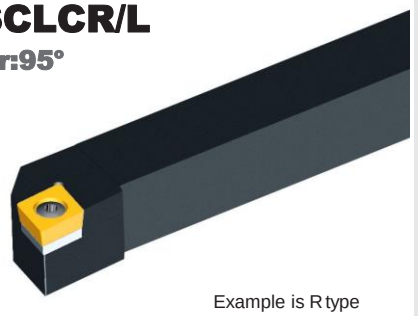
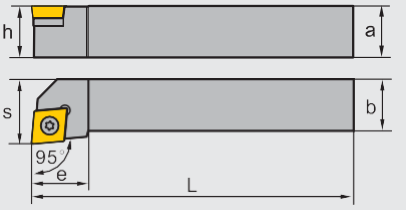
CC□□

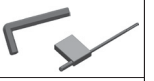
SCLCR/L

Kr:95°



Example is R type



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				
	1010E06	▲	▲	10	10	70	10	12	10				
	1212F09	▲	▲	12	12	80	12	16	16				
	1616H09	▲	▲	16	16	100	16	20	16				
	2020K12	▲	▲	20	20	125	20	25	25				
	2525M12	▲	▲	25	25	150	25	32	26				
	3225P12	▲	▲	32	25	170	32	32	26				

Toolholders type								
	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□□

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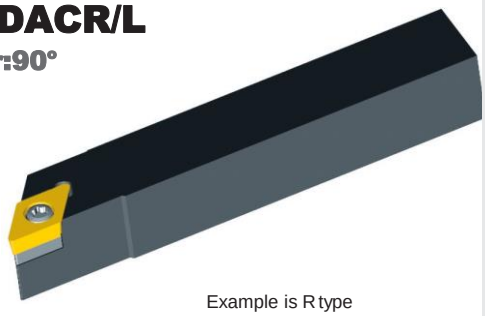
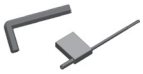
DC□□

SDACR/L

Kr:90°



Example is R type

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				
	1212F11	△	△	12	12	80	12	12	15				
	1616H11	△	△	16	16	100	16	16	24				

Toolholders 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□□	DC□□11T3□□	DCGX 11T3□□	DC□□11T3□□	DC□□11T3□□

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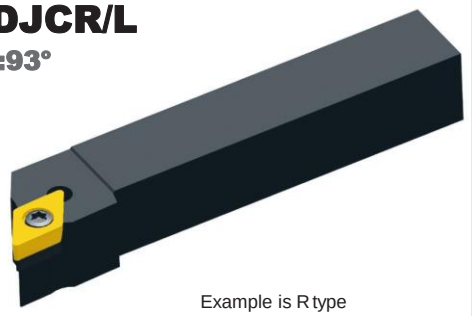
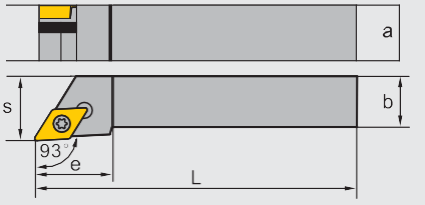
DC□□

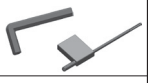
SDJCR/L

Kr:93°



Example is R type



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				
	1212F07	▲	▲	12	12	80	12	16	15				
	1616H07	▲	▲	16	16	100	16	20	18				
	1616H11	▲	▲	16	16	100	16	20	24				
	2020K11	▲	▲	20	20	125	20	25	24				
	2525M11	▲	▲	25	25	150	25	32	29				
	3225P11	▲	▲	32	25	170	32	32	29				

Toolholders 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□□	DC□□11T3□□	DCGX 11T3□□	DC□□11T3□□	DC□□11T3□□

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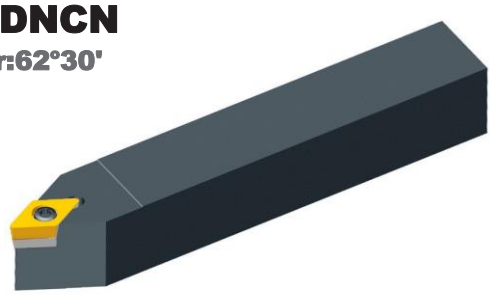
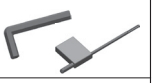
DC□□

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				
	1212F07	▲	12	12	80	12	6	20				
	1212H11	▲	12	12	100	12	6	30				
	1616H11	▲	16	16	100	16	8	30				
	2020K11	▲	20	20	125	20	10	30				
	2525M11	▲	25	25	150	25	12.5	30				

Toolholders type								
	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□□

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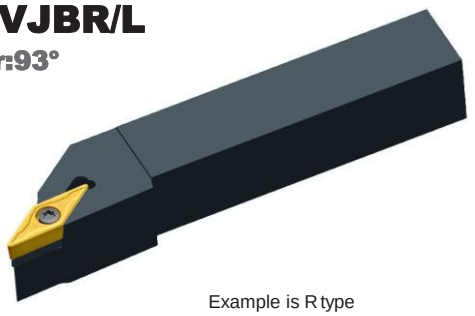
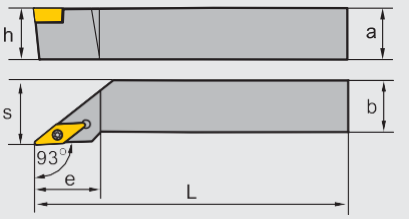
VB□□

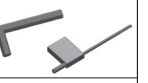
SVJBR/L

Kr:93°



Example is R type



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				
	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				
	2020K16	▲	▲	20	20	125	20	25	41				
	2525M16	▲	▲	25	25	150	25	32	41				
	3225P16	▲	▲	32	25	170	32	32	41				

Toolholders type							
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□□	VB□□1604□□	

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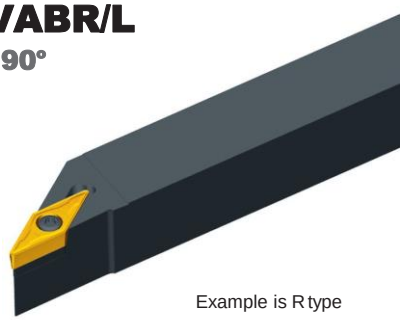
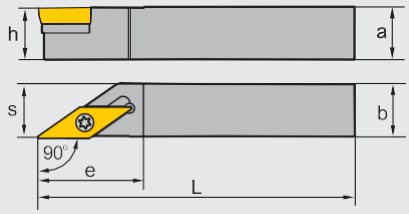
VB□□

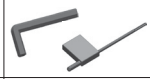
SVABR/L

Kr:90°



Example is R type



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				
	1616H16	△	△	16	16	100	16	16	28				
	2020K16	△	△	20	20	125	20	20	28				
	2525M16	△	△	25	25	150	25	25	28				

Toolholders type							
	SVABR/L□□F11	VB□□1102□□	VB□□1102□□	VB□□1102□□			
	SVABR/L□□H/K/M16		VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□

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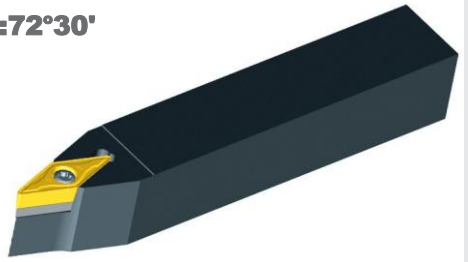
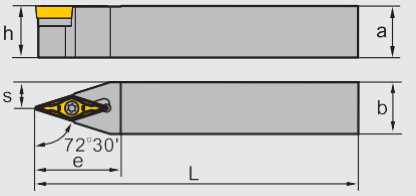
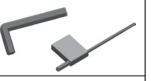
VB□□

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				
	1616H11	▲	16	16	100	16	8	27				
	2020K11	▲	20	20	125	20	10	30				
	1616H16	▲	16	16	100	16	8	33				
	2020K16	▲	20	20	125	20	10	33				
	2525M16	▲	25	25	150	25	12.5	38				

Toolholders type							
SVVBN□□F/H/K11	VB□□1102□□	VB□□1102□□	VB□□1102□□				
SVVBN□□H/K/M16		VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□	

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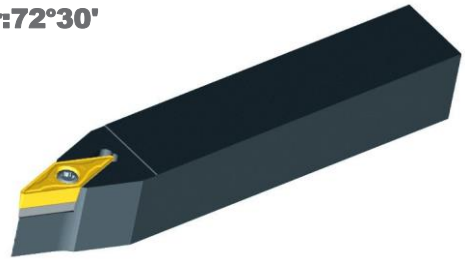
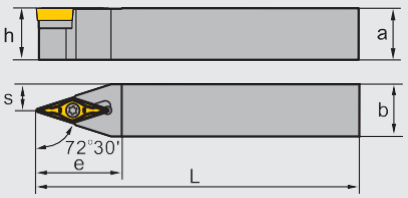
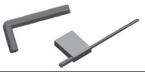
VC□□

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				
	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				
	2020K16	▲	20	20	125	20	10	33				
	2525M16	▲	25	25	150	25	12.5	38				

Toolholders type					
SVVCN□□F/H/K/M11	VC□□1103□□	VC□□1103□□	VCGX1103□□		
SVVCN□□H/K/M16		VC□□1604□□	VCGX1604□□	VC□□1604□□	

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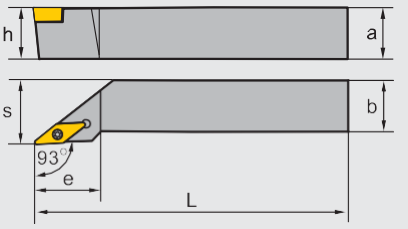
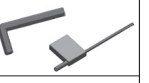
VC□□

SVJCR/L

Kr:93°

Example is R type



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				
	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				
	2020K16	▲	▲	20	20	125	20	25	41				
	2525M16	▲	▲	25	25	150	25	32	41				
	3225P16	△	△	32	25	170	32	32	41				

Toolholders 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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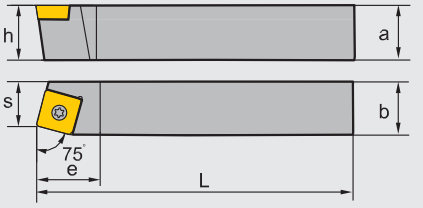
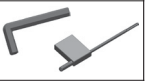
SC□□

SSBCR/L
Kr:75°

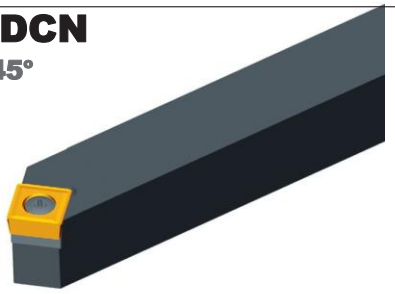
Example is R type

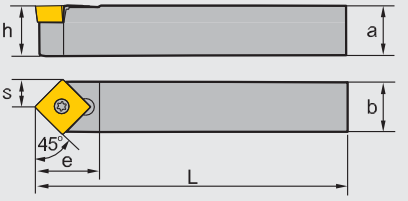


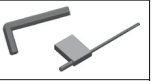
Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SSBCR/L	**1212F09**	▲	▲	12	12	80	12	11	16				
	1616H09	▲	▲	16	16	100	16	13	16				
	2020K12	▲	▲	20	20	125	20	17	25				

SC□□

SSDCN
Kr:45°





Type		Stock	Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
			a	b	L	h	s	e				
SSDCN	**1212F09**	▲	12	12	80	12	6	15.5				
	1616H09	▲	16	16	100	16	8	15.5				

Toolholders type						
	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□□

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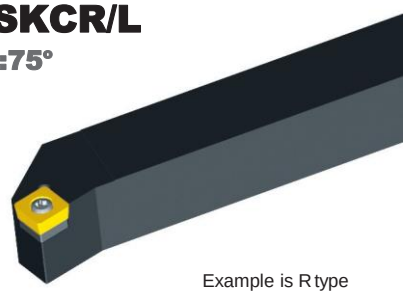
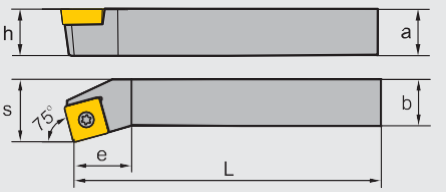
SC□□

SSKCR/L
Kr:75°



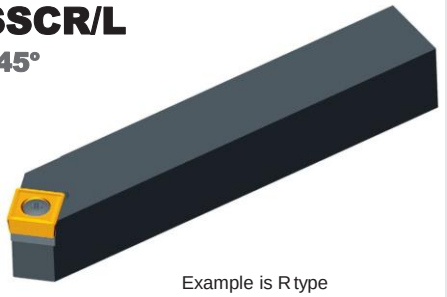
Example is R type



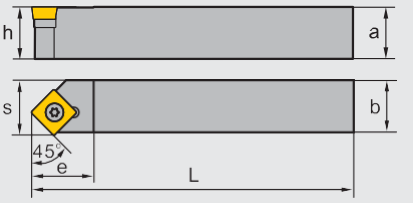
Type		Stock		Basic dimensions(mm)						Screw	Shim	Shim screw	Wrench
		R	L	a	b	L	h	s	e				
SSKCR/L	**1616H09**	▲	△	16	16	100	16	20	13				

SC□□

SSSCR/L
Kr:45°



Example is R type



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				
	2020K12	▲	▲	20	20	125	20	21	24				

Toolholders type						
	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□□

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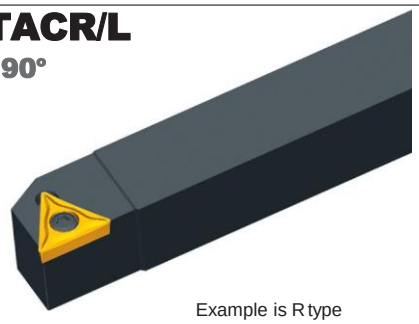
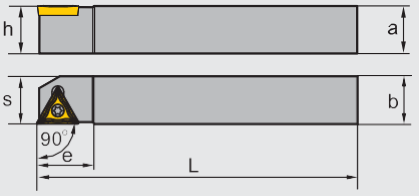
TC□□

STACR/L
Kr:90°



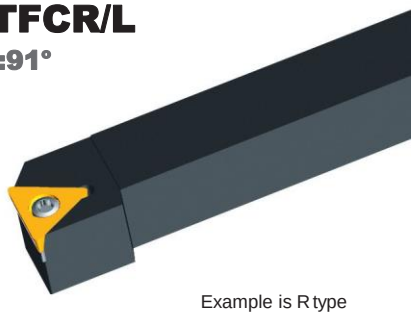
Example is R type



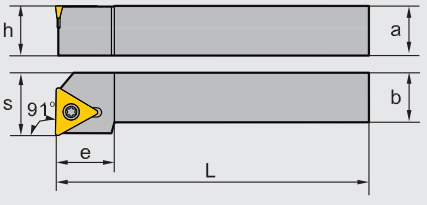
Type		Stock		Basic dimensions(mm)						Screw	Wrench		
		R	L	a	b	L	h	s	e				
STACR/L	**1212F11**	△	△	12	12	80	12	12	14	I60M2.5×6.5	WT07IP		

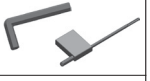
TC□□

STFCR/L
Kr:91°



Example is R type



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				
	1616H11	▲	▲	16	16	100	16	20	14				
	1616H16	▲	▲	16	16	100	16	20	19				
	2020K16	▲	▲	20	20	125	20	25	19				

Toolholders type								
	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□□

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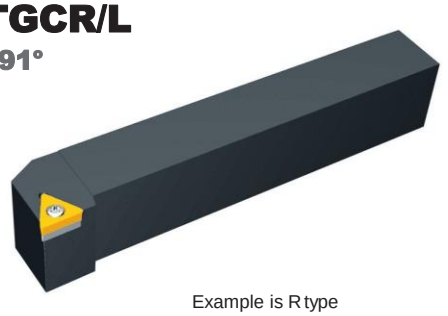
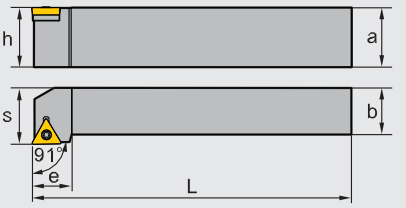
TC□□

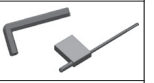
STGCR/L

Kr:91°



Example is R type



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				
	1010E09	▲	▲	10	10	70	10	12	11				
	1212F11	▲	▲	12	12	80	12	16	14				
	1616H11	▲	▲	16	16	100	16	20	16				
	2020K16	▲	▲	20	20	125	20	25	21				
	2525M16	▲	▲	25	25	150	25	32	21				

Toolholders type								
	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□□

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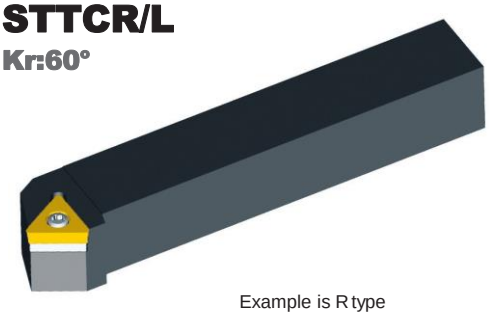
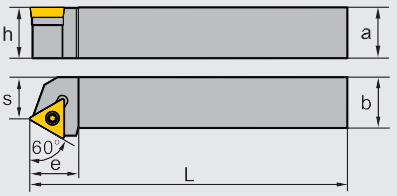
TC□□

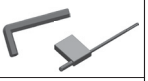
STTCR/L

Kr:60°



Example is R type



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				
	1616H16	△	△	16	16	100	16	13	19				
	2020K16	△	△	20	20	125	20	17	19				

Toolholders type								
	STTCR/L□□H11	TC□□1102□□	TC□□1102□□	TC□□1102□□	TC□□1102□□	TCGX1102□□	TC□□1102□□	TC□□1102□□
	STTCR/L□□H/K16		TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TCGX16T3□□	TC□□16T3□□	TC□□16T3□□

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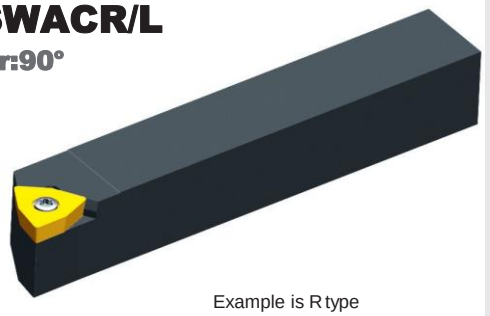
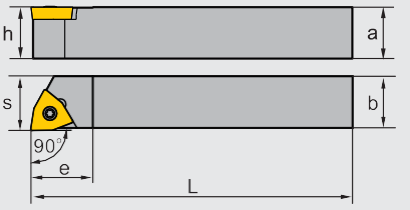
WC□□

SWACR/L

Kr:90°



Example is R type



Type		Stock		Basic dimensions(mm)						Screw	Wrench		
		R	L	a	b	L	h	s	e				
SWACR/L	1010E04	△	△	10	10	70	10	10	10				
	1212F04	▲	△	12	12	80	12	12	14				
	1616H06	▲	△	16	16	100	16	16	20				
	2020K08	▲	▲	20	20	125	20	20	24				

Toolholders type		
	SWACR/L□□E/F04	WC□X0402□□
	SWACR/L□□H06	WC□X06T3□□
	SWACR/L□□K08	WC□X0804□□

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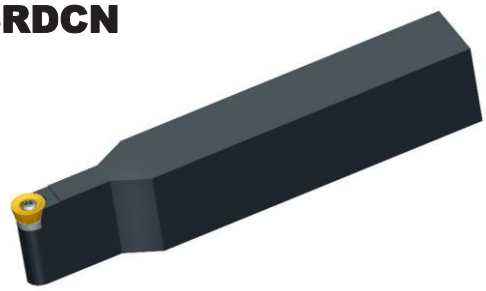
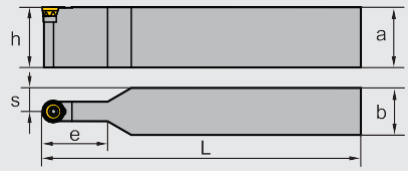
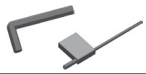
RC□□

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				
	1616H10	△	16	16	100	16	8	25				
	2020K10	△	20	20	125	20	10	25				
	2525M10	▲	25	25	150	25	12.5	25				
	2020K12	▲	20	20	125	20	10	35				
	2525M12	▲	25	25	150	25	12.5	35				
	3225P12	▲	32	25	170	32	12.5	35				
	3225P16	▲	32	25	170	32	12.5	35				
	3232P16	▲	32	32	170	32	16	40				
	4040S16	▲	40	40	250	40	20	50				

Toolholders type					
	SRDCN□□H08	RCMT0803MO	RCMT0803MO	RCGX0803MO-LH	RCMT0803MO
	SRDCN□□H/K/M10	RCMT10T3MO	RCMT10T3MO		RCMT10T3MO
	SRDCN□□K/M/P12	RCMT1204MO	RCMT1204MO		RCMT1204MO
	SRDCN□□P/S16	RCMT1606MO	RCMT1606MO		RCMT1606MO

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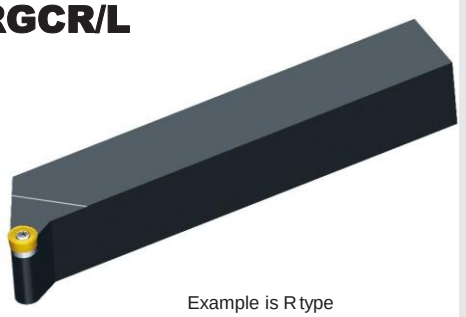
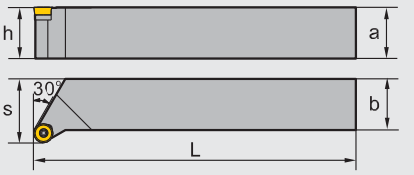
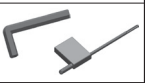
RC□□

SRGCR/L



Example is R type



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					
	1616H10	△	△	16	16	100	16	20					
	2020K10	▲	▲	20	20	125	20	25					
	2525M10	▲	▲	25	25	150	25	32					
	2020K12	▲	△	20	20	125	20	27					
	2525M12	▲	▲	25	25	150	25	32					

Toolholders type					
	SRGCR/L□□H08	RCMT0803MO	RCMT0803MO	RCGX0803MO-LH	RCMT0803MO
	SRGCR/L□□H/K/M10	RCMT10T3MO	RCMT10T3MO		RCMT10T3MO
	SRGCR/L□□K/M12	RCMT1204MO	RCMT1204MO		RCMT1204MO

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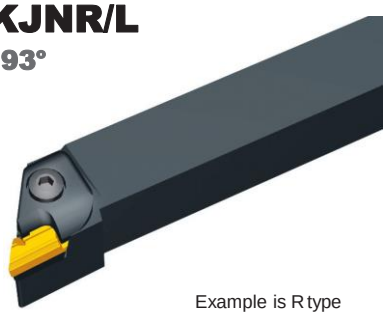
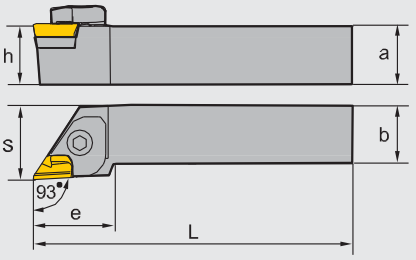
KNUX□□

CKJNR/L

Kr:93°



Example is R type



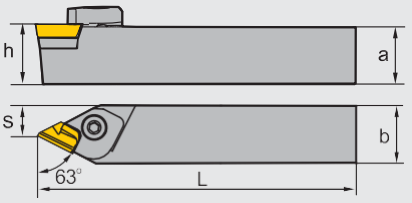
Type		Stock	Basic dimensions(mm)						Applicable insert	Clamp	Clampscrew	Spring	Clamping stud	Shim	Shim screw	Wrench
			a	b	L	h	s	e								
CKJNR	2525M16	△	25	25	150	25	32	32	KNUX1604□□R							
	3232P16	△	32	32	170	32	40	32								
	4040R16	△	40	40	200	40	50	32								
CKJNL	2525M16	△	25	25	150	25	32	32	KNUX1604□□L							
	3232P16	△	32	32	170	32	40	32								
	4040R16	△	40	40	200	40	50	32								

KNUX□□

CKNNR/L

Kr:63°

Example is R type



Type		Stock	Basic dimensions(mm)					Applicable insert	Clamp	Clampscrew	Spring	Clamping stud	Shim	Shim screw	Wrench
			a	b	L	h	s								
CKNNR	2525M16	△	25	25	150	25	14.3	KNUX1604□□R							
	3232P16	△	32	32	170	32	16.8								
CKNNL	2525M16	△	25	25	150	25	14.3	KNUX1604□□L							
	3232P16	△	32	32	170	32	16.8								

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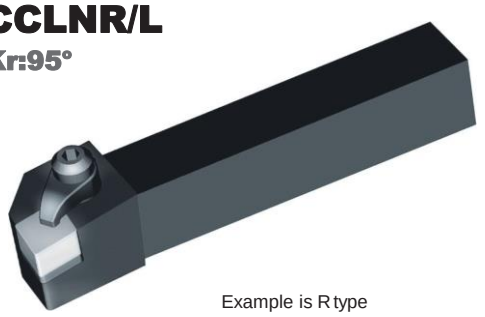
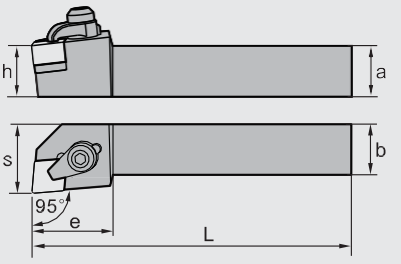
CN□□

CCLNR/L

Kr:95°



Example is R type

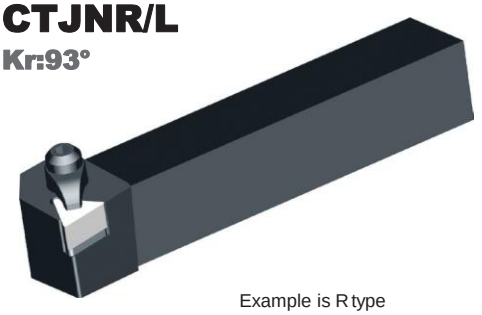


Type		Stock R	Stock L	a	b	L	h	s	e	Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clampshim	Spring
CCLNR/L	2020K12	△	△	20	20	125	20	27	32	CNGN1207□□ (1204□□)						
	2525M12	△	△	25	25	150	25	27	36							
	2525M16	△	△	25	25	150	25	32	36	CNGN1606□□ (1604□□)						
	3225P16	△	△	32	25	170	32	32	36							

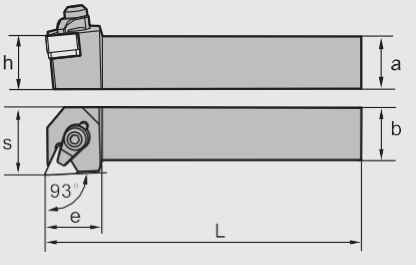
TN□□

CTJNR/L

Kr:93°



Example is R type



Type		Stock R	Stock L	a	b	L	h	s	e	Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clampshim	Spring
CTJNR/L	2020K16	△	△	20	20	125	20	25	30	TNGN1607□□ (1604□□)						
	2525M16	△	△	25	25	150	25	32	30							

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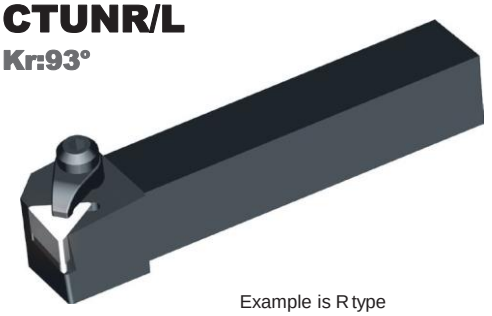
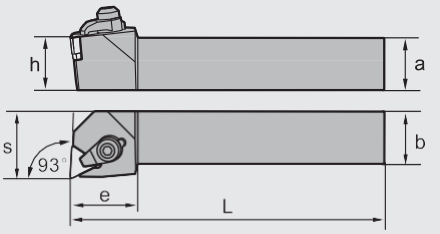
TN□□

CTUNR/L

Kr:93°



Example is R type

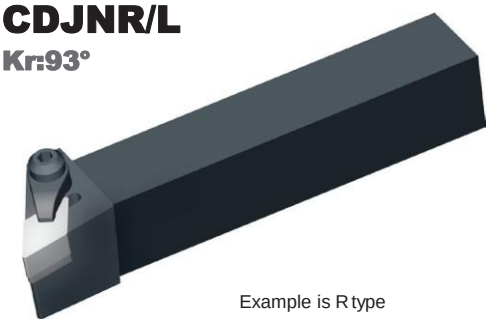


Type		Stock		Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
		R	L	a	b	L	h	s	e							
CTUNR/L	2020K16	△	△	20	20	125	20	25	27	TNGN1607□□ (1604□□)						
	2525M16	△	△	25	25	150	25	32	27							

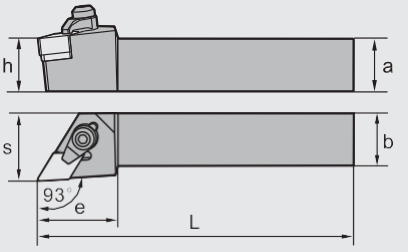
DN□□

CDJNR/L

Kr:93°



Example is R type



Type		Stock		Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
		R	L	a	b	L	h	s	e							
CDJNR/L	2525M15	△	△	25	25	150	25	32	32	DNGN1507□□ (1504□□)						
	3225P15	△	△	32	25	170	32	32	32							

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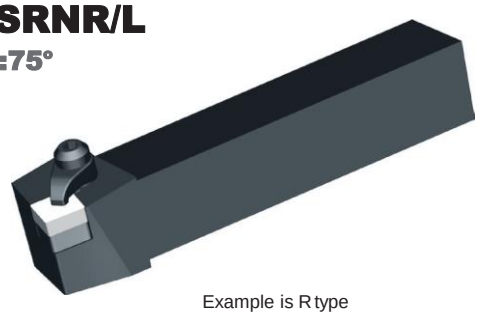
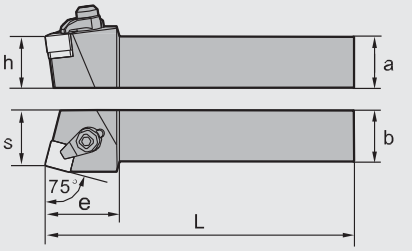
CSRNR/L
Kr:75°



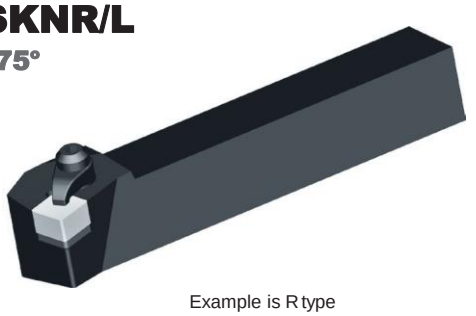
Example is R type



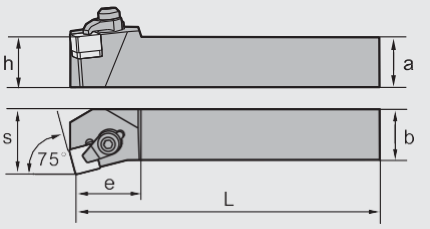
Type		Stock R	Stock L	a	b	L	h	s	e	Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
CSRNR/L	2020K12	△	△	20	20	125	20	22	32	SNGN1207□□ (1204□□)						
	2525M12	△	△	25	25	150	25	27	32							
	3225P12	△	△	32	25	170	32	27	32							
	3225P15	△	△	32	25	170	32	32	40	SNGN1507□□						
	4040R15	△	△	40	40	200	40	43	40							

SN□□

CSKNR/L
Kr:75°



Example is R type



Type		Stock R	Stock L	a	b	L	h	s	e	Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
CSKNR/L	2020K12	△	△	20	20	125	20	25	25	SNGN1207□□ (1204□□)						
	2525M12	△	△	25	25	150	25	32	25							
	3225P12	△	△	32	25	170	32	32	25							
	3225P15	△	△	32	25	170	32	32	30	SNGN1507□□						

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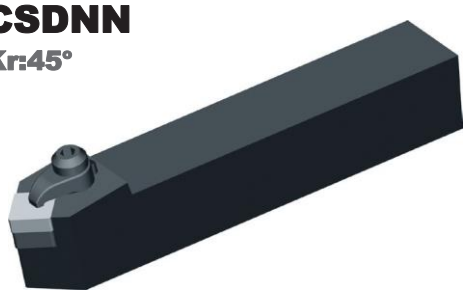
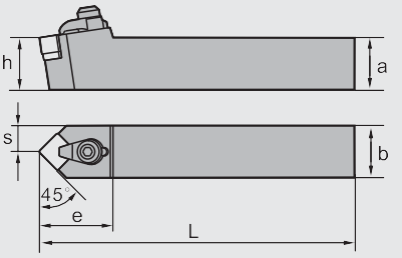
CSDNN
Kr:45°

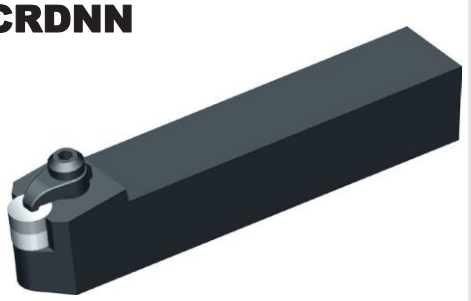


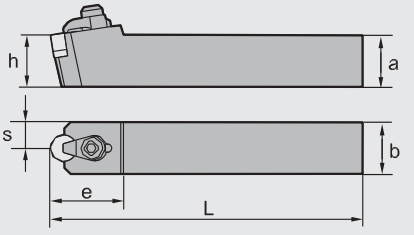


Type		Stock	Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clampshim	Spring
			a	b	L	h	s	e							
CSDNN	2020K12	△	20	20	125	20	10	35	SNGN1207□□ (1204□□)						
	2525M12	△	25	25	150	25	12.5	35							
	3225P12	△	32	25	170	32	12.5	35							

RN□□

CRDNN





Type		Stock	Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clampshim	Spring
			a	b	L	h	s	e							
CRDNN	2020K12	△	20	20	125	20	10	32	RNGN1207□□ (1204□□)						
	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□□						
	4040R15	△	40	40	200	40	20	40							

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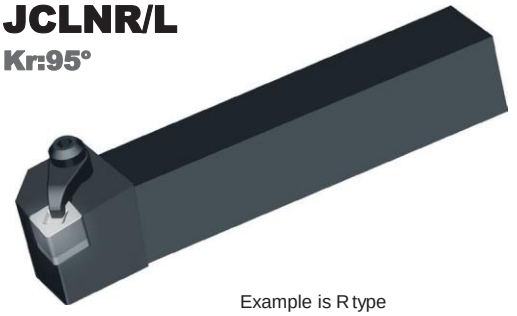
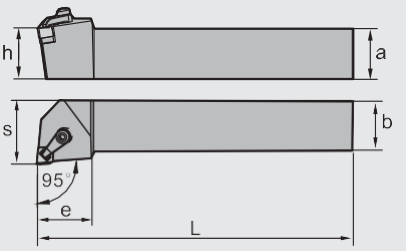
JCLNR/L
Kr:95°



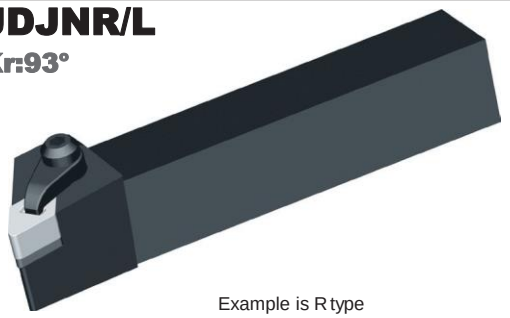
Example is R type



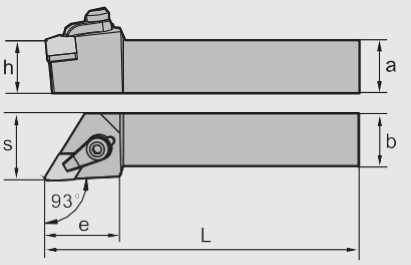
Type		Stock		Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
		R	L	a	b	L	h	s	e							
JCLNR/L	2020K12	△	△	20	20	125	20	29	32	CNGX1207□□						
	2525M12	△	△	25	25	150	25	32	32							

DN□□

JDJNR/L
Kr:93°



Example is R type



Type		Stock		Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
		R	L	a	b	L	h	s	e							
JDJNR/L	2525M15	△	△	25	25	150	25	32	38	DNGX1507□□						
	3225P15	△	△	32	25	170	32	32	38							

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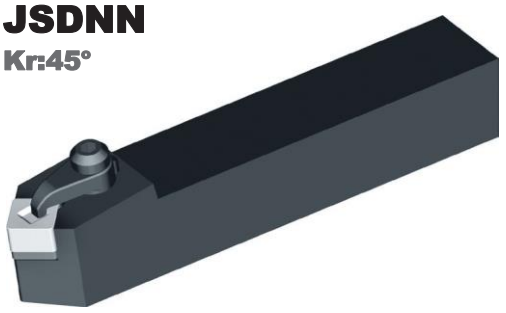
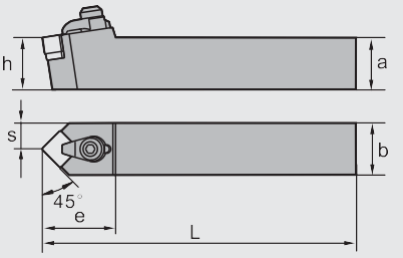
SN□□

JSDNN

Kr:45°





Type		Stock	Basic dimensions(mm)						Applicable insert	Clamp	Clamping screw	Wrench	Shim	Screw for clamp shim	Spring
			a	b	L	h	s	e							
JSDNN	**2020K12**	△	20	20	125	20	10	40	SNGX1207□□						
	2525M12	△	25	25	150	25	12.5	40							
	3225P12	△	32	25	170	32	12.5	40							

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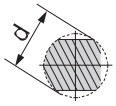
Xin Rui

General Turning Tools

Internal turning tools code key

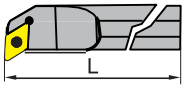
Toolholders type

Code	Type
A	Steel toolholder with oil-hole
C	Cemented carbide toolholder
E	Cemented carbide toolholder with oil-hole
S	Steel toolholder
X	Special inserts is applied



Code	Diameter
16	16
20	20
25	25
32	32
40	40
50	50

Length of toolholder



Code	Length
H	100
K	125
M	150
N	160
Q	180
R	200
S	250
T	300
U	350
V	400

Clamping system

P-Hole clamping

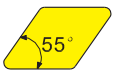
M-Top and hole clamping

S-Screw on

C-Top clamping

Inserts shape

C



D

R

S

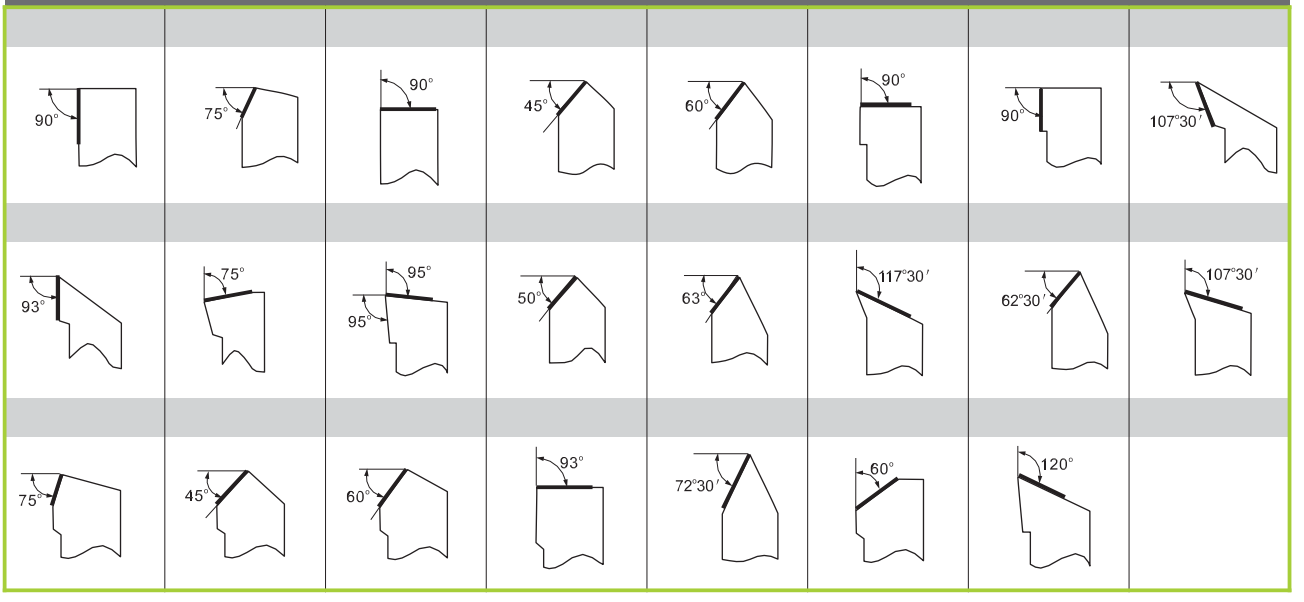
T

V

W

S 16 R - S D U

Tool holder style and approach angle



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Inserts clearance angle	
5°	B
7°	C
15°	D
20°	E
0°	N
11°	P

Cutting direction
L - Left hand
R - Right hand

Manufacture option	
D	Increase offset f size+1.0mm
E	Increase offset f size+2.0mm
R	Round shank
W	Wedge clamping
X	Back boring

C R 07 ■

Length of cutting edge

Inserts shape	80°	55°			60°	35°	90°
Inscribed circle	Length of cutting edge(mm)						
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	---	---
25.400	25	---	25	25	44	---	---

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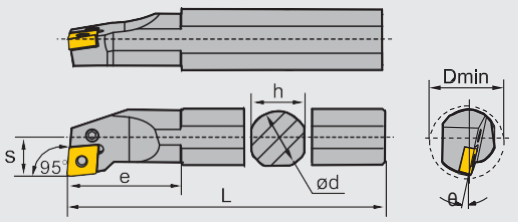
PCLNR/L

Kr:95°

Example is R type



Type	Stock		Basic dimensions(mm)							Screw	Wrench	Lever	Shim	Shim pin
	R	L	Dmin	ød	h	L	S	θ	e					
S16M-PCLNR/L09	△	△	20	16	15	150	11	-12°	28					
S16R-PCLNR/L09	▲	▲	20	16	15	200	11	-12°	28					
S20Q-PCLNR/L09	△	△	25	20	18	180	13	-11°	31					
S20S-PCLNR/L09	▲	▲	25	20	18	250	13	-11°	31					
S25Q-PCLNR/L09	△	△	32	25	23	180	17	-10°	35					
S25T-PCLNR/L09	▲	▲	32	25	23	300	17	-10°	35					
S25Q-PCLNR/L12	△	△	32	25	23	180	17	-12°	40					
S25T-PCLNR/L12	▲	▲	32	25	23	300	17	-12°	40					
S32R-PCLNR/L12	△	△	44	32	30	200	22	-10°	50					
S32U-PCLNR/L12	▲	▲	44	32	30	350	22	-10°	50					
S40S-PCLNR/L12	△	△	54	40	37	250	27	-10°	55					
S40V-PCLNR/L12	▲	▲	54	40	37	400	27	-10°	55					
S50S-PCLNR/L12	△	△	63	50	47	250	35	-10°	56					
S50W-PCLNR/L12	▲	▲	63	50	47	450	35	-10°	56					
S50S-PCLNR/L19	△	△	63	50	47	250	35	-10°	63					
S50W-PCLNR/L19	▲	▲	63	50	47	450	35	-10°	63					

Toolholders type					
	□□-PCLNR/L09	CN□□0903□□	CN□□0903□□		CN□□0903□□
	□□-PCLNR/L12	CN□□1204□□	CN□□1204□□	CN□□1204□□	CN□□1204□□
	□□-PCLNR/L19			CN□□1906□□	CN□□1906□□

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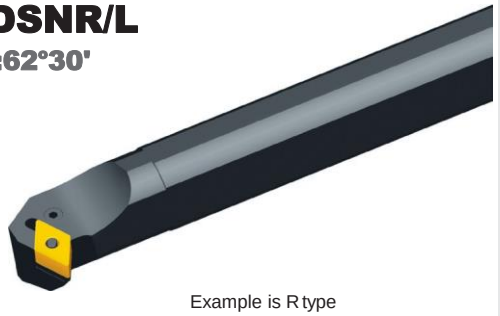
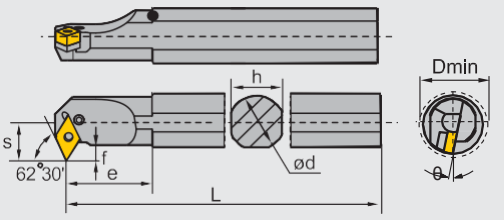
DN□□

PDSNR/L

Kr:62°30'



Example is R type



Type	Stock		Basic dimensions(mm)								Screw	Wrench	Lever	Shim	Shim pin
	R	L	Dmin	ød	h	L	S	θ	e	f					
S32R-PDSNR/L15	△	△	40	32	30	200	22	-11°	45	8.5					
S32U-PDSNR/L15	▲	▲	40	32	30	350	22	-11°	45	8.5					
S32R-PDSNR/L15-3	△	△	40	32	30	200	22	-11°	45	8.5					
S32U-PDSNR/L15-3	▲	△	40	32	30	350	22	-11°	45	8.5					
S40S-PDSNR/L15	△	△	50	40	37	250	27	-11°	43	9.4					
S40V-PDSNR/L15	▲	▲	50	40	37	400	27	-11°	43	9.4					
S40S-PDSNR/L15-3	△	△	50	40	37	250	27	-11°	43	9.4					
S40V-PDSNR/L15-3	▲	△	50	40	37	400	27	-11°	43	9.4					

Toolholders type					
□□-PDSNR/L15-3	DN□□1504□□	DN□□1504□□		DN□□1504□□
□□-PDSNR/L15	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□

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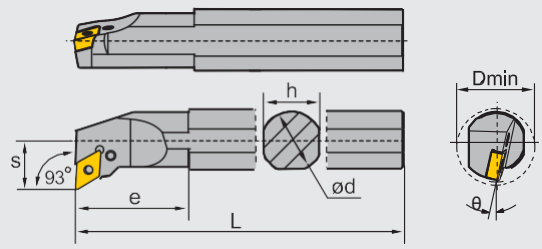
DN□□

PDUNR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Screw	Wrench	Lever	Shim	Shim pin
	R	L	Dmin	ød	h	L	S	θ	e					
S20Q-PDUNR/L11	△	△	25	20	18	180	13	-16°	30					
S20S-PDUNR/L11	▲	▲	25	20	18	250	13	-16°	30					
S25Q-PDUNR/L11	△	△	32	25	23	180	17	-13°	35					
S25T-PDUNR/L11	▲	▲	32	25	23	300	17	-13°	35					
S32R-PDUNR/L11	△	△	40	32	30	200	22	-16°	40					
S32U-PDUNR/L11	▲	▲	40	32	30	350	22	-16°	40					
S32R-PDUNR/L15	△	△	40	32	30	200	22	-16°	50					
S32U-PDUNR/L15	▲	▲	40	32	30	350	22	-16°	50					
S32R-PDUNR/L15-3	△	△	40	32	30	200	22	-16°	50					
S32U-PDUNR/L15-3	▲	▲	40	32	30	350	22	-16°	50					
S40S-PDUNR/L15	△	△	50	40	37	250	27	-11°	50					
S40V-PDUNR/L15	▲	▲	50	40	37	400	27	-11°	50					
S40S-PDUNR/L15-3	△	△	50	40	37	250	27	-11°	50					
S40V-PDUNR/L15-3	▲	▲	50	40	37	400	27	-11°	50					

Toolholders type					
	□□-PDUNR/L11	DN□□1104□□	DN□□1104□□		
	□□-PDUNR/L15-3	DN□□1504□□	DN□□1504□□		DN□□1504□□
	□□-PDUNR/L15	DN□□1506□□	DN□□1506□□	DN□□1506□□	DN□□1506□□

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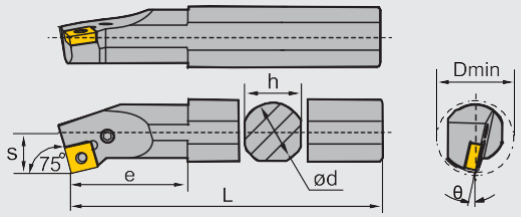
SN□□

PSKNR/L

Kr:75°

Example is R type



Type	Stock		Basic dimensions(mm)							Screw	Wrench	Lever	Shim	Shim pin
	R	L	Dmin	ød	h	L	S	θ	e					
S25Q-PSKNR/L12	△	△	32	25	23	180	17	-12°	42					
S25T-PSKNR/L12	▲	▲	32	25	23	300	17	-12°	42					
S32R-PSKNR/L12	△	△	44	32	30	200	22	-10°	45					
S32U-PSKNR/L12	▲	▲	44	32	30	350	22	-10°	45					
S40S-PSKNR/L12	△	△	54	40	37	250	27	-10°	50					
S40V-PSKNR/L12	▲	△	54	40	37	400	27	-10°	50					

Toolholders type					
□□-PSKNR/L12	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□	SN□□1204□□

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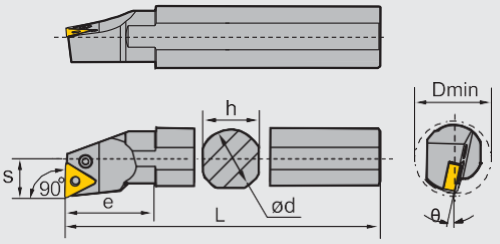
TN□□

PTFNR/L

Kr:90°

Example is R type



Type	Stock		Basic dimensions(mm)							Screw	Wrench	Lever	Shim	Shim pin
	R	L	Dmin	ød	h	L	S	θ	e					
S16M-PTFNR/L11	△	△	20	16	15	150	11	-14°	28					
S16R-PTFNR/L11	▲	▲	20	16	15	200	11	-14°	28					
S20Q-PTFNR/L11	△	△	25	20	18	180	13	-12°	31					
S20S-PTFNR/L11	▲	▲	25	20	18	250	13	-12°	31					
S25Q-PTFNR/L11	△	△	32	25	23	180	17	-10°	35					
S25T-PTFNR/L11	▲	▲	32	25	23	300	17	-10°	35					
S25Q-PTFNR/L16	△	△	32	25	23	180	17	-12°	42					
S25T-PTFNR/L16	▲	▲	32	25	23	300	17	-12°	42					
S32R-PTFNR/L16	△	△	44	32	30	200	22	-10°	50					
S32U-PTFNR/L16	▲	▲	44	32	30	350	22	-10°	50					
S40S-PTFNR/L16	△	△	54	40	37	250	27	-10°	55					
S40V-PTFNR/L16	▲	▲	54	40	37	400	27	-10°	55					

Toolholders type					
	□□PTFNR/L11	TN□□1103□□	TN□□1103□□		TN□□1103□□
	□□PTFNR/L16	TN□□1604□□	TN□□1604□□	TN□□1604□□	TN□□1604□□

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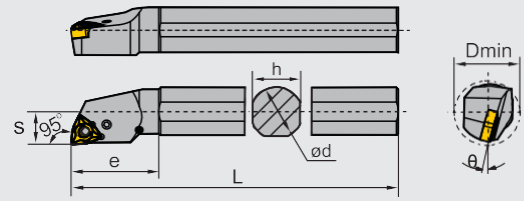
WN□□

PWLNR/L

Kr:95°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench	Lever	Shim	Shim pin
	R	L	Dmin	ød	h	L	S	θ	e					
S16M-PWLNR/L06	△	△	20	16	15	150	11	-13°	25					
S16R-PWLNR/L06	△	△	20	16	15	200	11	-13°	25					
S20Q-PWLNR/L06	△	△	25	20	18	180	13	-13°	35					
S20S-PWLNR/L06	△	△	25	20	18	250	13	-13°	35					
S25Q-PWLNR/L06	△	△	32	25	23	180	17	-13°	35					
S25T-PWLNR/L06	△	△	32	25	23	300	17	-13°	35					
S20Q-PWLNR/L08	△	△	25	20	18	180	13	-13°	32					
S20S-PWLNR/L08	△	△	25	20	18	250	13	-13°	32					
S25Q-PWLNR/L08	△	△	32	25	23	180	17	-13°	45					
S25T-PWLNR/L08	△	△	32	25	23	300	17	-13°	45					
S32R-PWLNR/L08	△	△	40	32	30	200	22	-15°	50					
S32U-PWLNR/L08	△	△	40	32	30	350	22	-15°	50					

Toolholders type				
□□-PWLNR/L06	WN□□0604□□	WN□□0604□□	WN□□0604□□	WN□□0604□□
□□-PWLNR/L08	WN□□0804□□	WN□□0804□□	WN□□0804□□	WN□□0804□□

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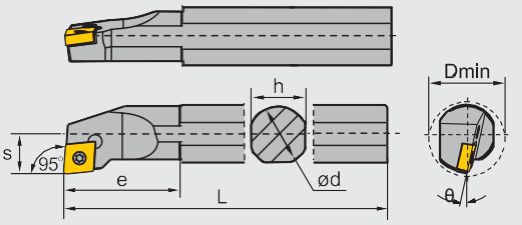
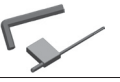
CC□□

SCLCR/L

Kr:95°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench	Shim	Shim screw
	R	L	Dmin	ød	h	L	S	θ	e				
S08K-SCLCR/L06	▲	▲	10	8	7	125	5	-15°	14				
S10M-SCLCR/L06	▲	▲	12	10	9	150	6	-13°	14				
S12M-SCLCR/L06	▲	▲	16	12	11	150	9	-10°	25				
S12M-SCLCR/L09	▲	▲	16	12	11	150	9	-10°	25				
S16M-SCLCR/L09	△	△	20	16	15	150	11	-12°	32.5				
S16R-SCLCR/L09	▲	▲	20	16	15	200	11	-12°	32.5				
S20Q-SCLCR/L09	△	△	25	20	18	180	13	-8°	38				
S20S-SCLCR/L09	▲	▲	25	20	18	250	13	-8°	38				
S25Q-SCLCR/L09	△	△	32	25	23	180	17	-6°	45				
S25T-SCLCR/L09	▲	▲	32	25	23	300	17	-6°	45				
S25Q-SCLCR/L12	△	△	32	25	23	180	17	-6°	45				
S25T-SCLCR/L12	▲	▲	32	25	23	300	17	-6°	45				
S32R-SCLCR/L12	△	△	40	32	30	200	22	-10°	50				
S32U-SCLCR/L12	▲	▲	40	32	30	350	22	-10°	50				
S40S-SCLCR/L12	△	△	50	40	37	250	27	-8°	60				
S40V-SCLCR/L12	▲	▲	50	40	37	400	27	-8°	60				

Toolholders type							
	□□-SCLCR/L06	CC□□0602□□	CC□□0602□□	CC□□0602□□	CC□□0602□□	CCGX0602□□	CC□□0602□□
	□□-SCLCR/L09	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CCGX09T3□□	CC□□09T3□□
	□□-SCLCR/L12	CC□□1204□□	CC□□1204□□	CC□□1204□□	CC□□1204□□	CCGX1204□□	CC□□1204□□

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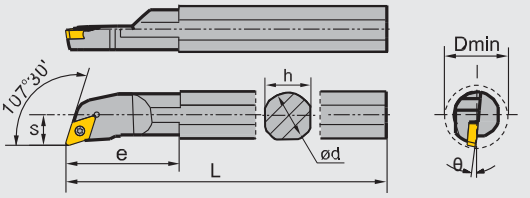
DC□□

SDQCR/L

Kr:107°30'

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10M-SDQCR/L07	▲	▲	13	10	9	150	7	-8°	20				
S12M-SDQCR/L07	▲	▲	16	12	11	150	9	-8°	22				
S16M-SDQCR/L07	△	△	20	16	15	150	11	-6°	27				
S16R-SDQCR/L07	▲	▲	20	16	15	200	11	-6°	27				
S20Q-SDQCR/L11	△	△	25	20	18	180	13	-6°	32				
S20S-SDQCR/L11	▲	▲	25	20	18	250	13	-6°	32				
S25Q-SDQCR/L11	△	△	32	25	23	180	17	-6°	32				
S25T-SDQCR/L11	▲	▲	32	25	23	300	17	-6°	32				

Toolholders type							
	□□-SDQCR/L07	DC□□0702□□	DC□□0702□□	DC□□0702□□		DCGX0702□□	DC□□0702□□
	□□-SDQCR/L11	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DCGX11T3□□	DC□□11T3□□

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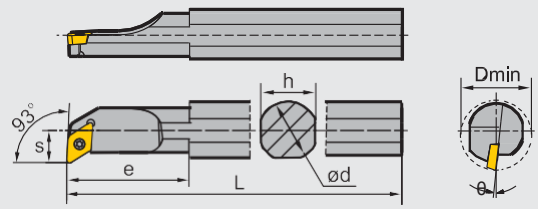
DC□□

SDUCR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10M-SDUCR/L07	▲	▲	13	10	9	150	7	-8°	0				
S12M-SDUCR/L07	▲	▲	16	12	11	150	9	-8°	22				
S16M-SDUCR/L07	△	△	20	16	15	150	11	-6°	27				
S16R-SDUCR/L07	▲	▲	20	16	15	200	11	-6°	27				
S20Q-SDUCR/L11	△	△	25	20	18	180	13	-6°	40				
S20S-SDUCR/L11	▲	▲	25	20	18	250	13	-6°	40				
S25Q-SDUCR/L11	△	△	32	25	23	180	17	-6°	46				
S25T-SDUCR/L11	▲	▲	32	25	23	300	17	-6°	46				

Toolholders type							
	□□-SDUCR/L07	DC□□0702□□	DC□□0702□□	DC□□0702□□		DCGX0702□□	DC□□0702□□
	□□-SDUCR/L11	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DCGX11T3□□	DC□□11T3□□

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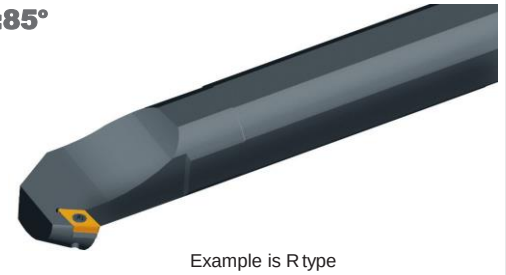
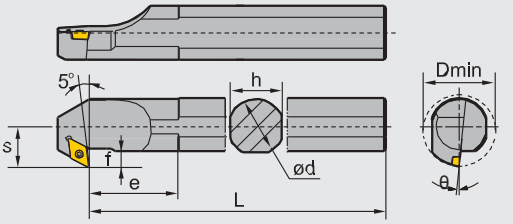
DC□□

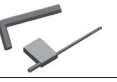
SDZCR/L

Kr:85°



Example is R type



Type	Stock		Basic dimensions(mm)								Inserts screw	Wrench	Shim	Shim screw
	R	L	Dmin	ød	h	L	S	θ	e	f				
S25Q-SDZCR/L11	△	△	32	25	23	180	17	-6°	30	6.9				
S25T-SDZCR/L11	▲	▲	32	25	23	300	17	-6°	30	6.9				
S32R-SDZCR/L11	△	△	40	32	30	200	22	-6°	39	8.4				
S32U-SDZCR/L11	▲	▲	40	32	30	350	22	-6°	39	8.4				
S40S-SDZCR/L11	△	△	50	40	37	250	27	-4°	47	9.4				
S40V-SDZCR/L11	▲	▲	50	40	37	400	27	-4°	47	9.4				

□□-SDZCR/L11	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DC□□11T3□□	DCGX11T3□□	DC□□11T3□□

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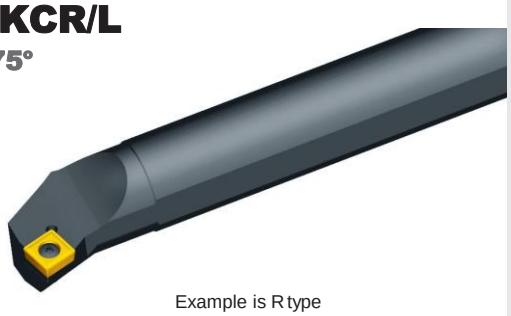
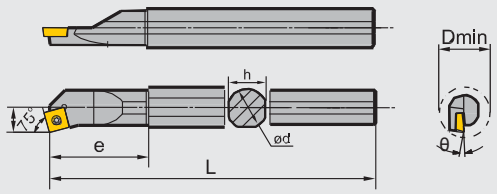
SC□□

SSKCR/L

Kr:75°



Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench	Shim	Shim screw
	R	L	Dmin	ød	h	L	S	θ	e				
S12M-SSKCR/L09	▲	△	16	12	11	150	9	-10	26				
S16M-SSKCR/L09	△	△	20	16	15	150	11	-11	32.5				
S16R-SSKCR/L09	▲	▲	20	16	15	200	11	-11	32.5				
S20Q-SSKCR/L09	△	△	25	20	18	180	13	-6	34.5				
S20S-SSKCR/L09	▲	△	25	20	18	250	13	-6	34.5				
S25Q-SSKCR/L12	△	△	32	25	23	180	17	-8	36.3				
S25T-SSKCR/L12	▲	▲	32	25	23	300	17	-8	36.3				
S32R-SSKCR/L12	△	△	40	32	30	200	22	-10	43.5				
S32U-SSKCR/L12	▲	△	40	32	30	350	22	-10	43.5				

Toolholders type						
	□□-SSKCR/L09	SC□□09T3□□	SC□□09T3□□	SC□□09T3□□	SCGX09T3□□	SC□□09T3□□
	□□-SSKCR/L12		SC□□1204□□	SC□□1204□□	SCGX1204□□	SC□□1204□□

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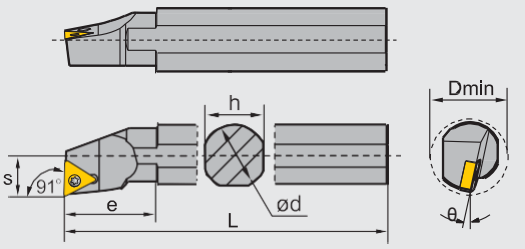
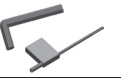
TC□□

STFCR/L

Kr:91°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench	Shim	Shim screw
	R	L	Dmin	ød	h	L	S	θ	e				
S12M-STFCR/L11	▲	▲	16	12	11	150	9	-10°	30				
S16M-STFCR/L11	△	△	20	16	15	150	11	-6°	35				
S16R-STFCR/L11	▲	▲	20	16	15	200	11	-6°	35				
S20Q-STFCR/L11	△	△	25	20	18	180	13	-3°	36				
S20S-STFCR/L11	▲	▲	25	20	18	250	13	-3°	36				
S25Q-STFCR/L16	△	△	32	25	23	180	17	-6°	49				
S25T-STFCR/L16	▲	▲	32	25	23	300	17	-6°	49				
S32R-STFCR/L16	△	△	40	32	30	200	22	-10°	50				
S32U-STFCR/L16	▲	▲	40	32	30	350	22	-10°	50				
S40S-STFCR/L16	△	△	50	40	37	250	27	-8°	60				
S40V-STFCR/L16	▲	▲	50	40	37	400	27	-8°	60				

Toolholders type							
	□□-STFCR/L11	TC□□1102□□	TC□□1102□□	TC□□1102□□	TC□□1102□□	TCGX1102□□	TC□□1102□□
	□□-STFCR/L16	TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TC□□16T3□□	TCGX16T3□□	TC□□16T3□□

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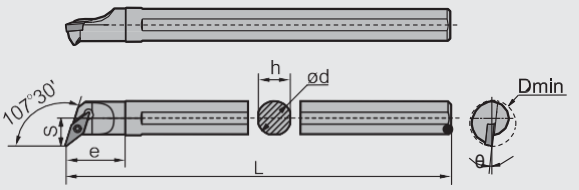
VC□□

SVQCR/L
Kr:107°30'

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S16Q-SVQCR/L11	▲	▲	22	16	15	180	13	-6°	28				
S20R-SVQCR/L11	△	△	26	20	18	200	15	-4°	32				

Type				
	□□-SVQCR/L11	VC□□1103□□	VC□□1103□□	VCGX1103□□

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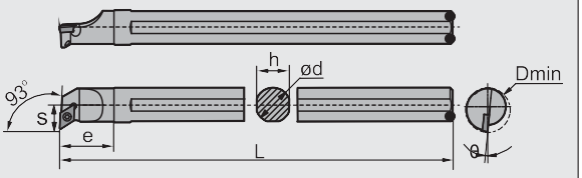
VC□□

SVUCR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S16Q-SVUCR/L11	△	△	24	16	15	180	15	-6°	25				
S20R-SVUCR/L11	△	△	28	20	18	200	17	-4°	30				

Type				
	□□-SVUCR/L11	VC□□1103□□	VC□□1103□□	VCGX1103□□

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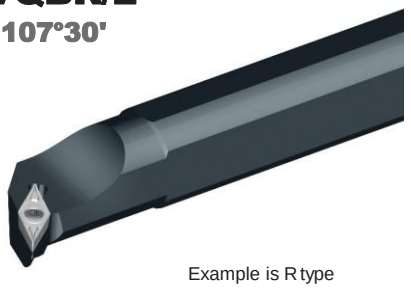
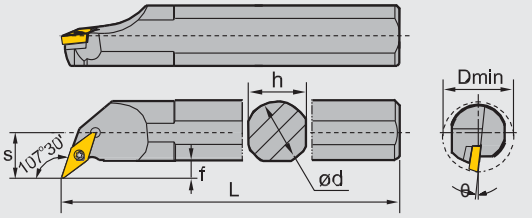
VB□□

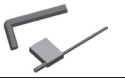
SVQBR/L

Kr:107°30'



Example is R type



Type	Stock		Basic dimensions(mm)								Inserts screw	Wrench	Shim	Shim screw
	R	L	Dmin	ød	h	L	S	θ	e	f				
S32RSVQBR/L16	△	△	40	32	30	200	22	-8°	56	8.4				
S32U-SVQBR/L16	▲	▲	40	32	30	350	22	-8°	56	8.4				
S40S-SVQBR/L16	△	△	50	40	37	250	27	-8°	64	9.4				
S40V-SVQBR/L16	▲	▲	50	40	37	400	27	-8°	64	9.4				

	□□-SVQBR/L16	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□

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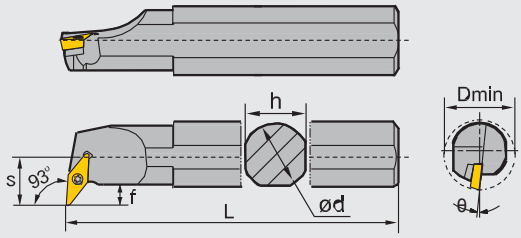
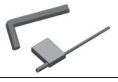
VB□□

SVUBR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)								Inserts screw	Wrench	Shim	Shim screw
	R	L	Dmin	ød	h	L	S	θ	e	f				
S32R-SVUBR/L16	△	△	40	32	30	200	22	-8°	49	8.4				
S32U-SVUBR/L16	▲	▲	40	32	30	350	22	-8°	49	8.4				
S40S-SVUBR/L16	△	△	50	40	37	250	27	-8°	56.5	9.4				
S40V-SVUBR/L16	▲	▲	50	40	37	400	27	-8°	56.5	9.4				

	□□-SVUBR/L16	VB□□1604□□	VB□□1604□□	VB□□1604□□	VB□□1604□□

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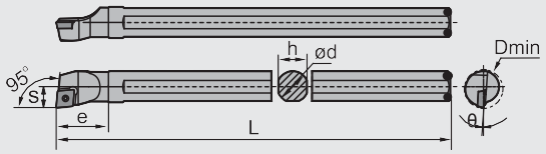
CP□□

SCLPR/L

Kr:95°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10K-SCLPR/L06	▲	▲	12	10	9	125	6	-7°	17				
S12M-SCLPR/L06	▲	▲	16	12	11	150	8	-4°	20				
S16Q-SCLPR/L09	▲	▲	20	16	15	180	10	-4°	29				
S20R-SCLPR/L09	△	△	25	20	18	200	13	-4°	35				

Toolholders type		
	□□-SCLPR/L06	CP□□0602□□
	□□-SCLPR/L09	CP□□09T3□□

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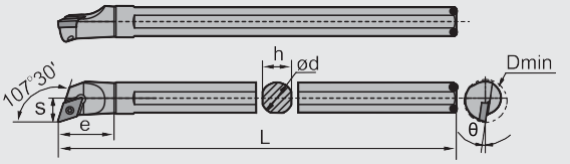
DP□□

SDQPR/L

Kr:107°30'

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10K-SDQPR/L07	△	△	13	10	9	125	7	-8°	20				
S12M-SDQPR/L07	▲	△	16	12	11	150	9	-8°	22				
S16Q-SDQPR/L07	▲	△	20	16	15	180	11	-6°	27				
S16Q-SDQPR/L11	▲	△	20	16	15	180	11	-6°	32				
S20R-SDQPR/L11	△	△	25	20	18	200	13	-6°	33				

Toolholders type		
	□□-SDQPR/L07	DP□□0702□□
	□□-SDQPR/L11	DP□□11T3□□

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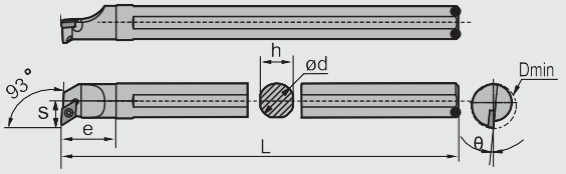
DP□□

SDUPR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10K-SDUPR/L07	▲	▲	15	10	9	125	9	-8°	18				
S12M-SDUPR/L07	▲	△	16	12	11	150	9	-8°	19				
S16Q-SDUPR/L07	△	△	20	16	15	180	11	-6°	25				

□□-SDUPR/L07	DP□□0702□□

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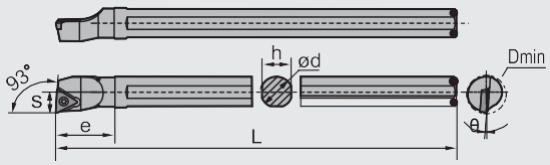
TP□□

STUPR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10K-STUPR/L09	▲	△	12	10	9	125	6	6°	20				
S12M-STUPR/L09	▲	△	16	12	11	150	8	4°	22				
S12M-STUPR/L11	▲	△	16	12	11	150	8	4°	25				
S16Q-STUPR/L11	▲	△	20	16	15	180	10	3°	27				

Toolholders type		
	□□-STUPR/L09	TP□□0902□□
	□□-STUPR/L11	TP□□1103□□

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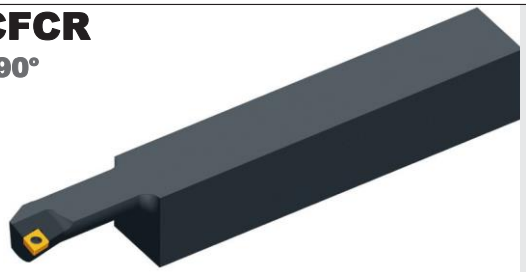
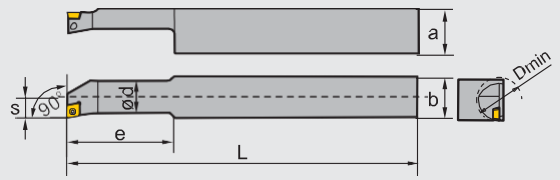
CC□□

SCFCR

Kr:90°





Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	L	s	a	b	e				
S10M-SCFCR06S25	▲	△	13	10	150	7	27	25	30				
S12P-SCFCR06S25	▲	△	16	12	170	9	27	25	35				
S16Q-SCFCR09S25	△	△	20	16	180	11	27	25	40				
S20R-SCFCR09S25	▲	△	25	20	200	13	27	25	45				
S25R-SCFCR12S25	▲	△	32	25	200	17	27	25	50				

Toolholders type							
	□□-SCFCR06□□	CC□□0602□□	CC□□0602□□	CC□□0602□□	CC□□0602□□	CCGX0602□□	CC□□0602□□
	□□-SCFCR09□□	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CCGX09T3□□	CC□□09T3□□
	□□-SCFCR12□□	CC□□1204□□	CC□□1204□□	CC□□1204□□	CC□□1204□□	CCGX1204□□	CC□□1204□□

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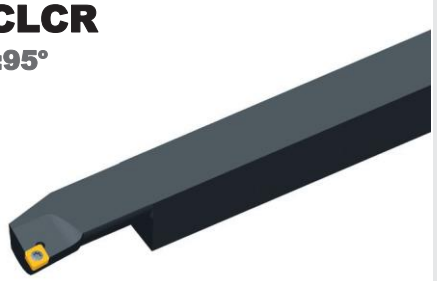
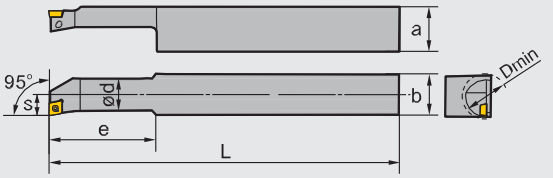
CC□□

SCLCR

Kr:95°





Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	Dmin	ød	L	s	a	b	e				
S10M-SCLCR06S20	▲	△	13	10	150	7	22	20	30				
S12P-SCLCR06S20	▲	△	16	12	170	9	22	20	35				
S16Q-SCLCR09S20	▲	△	20	16	180	11	22	20	40				
S20R-SCLCR09S20	▲	△	25	20	200	13	22	20	60				

Toolholders type							
□□-SCLCR06S20	CC□□0602□□	CC□□0602□□	CC□□0602□□	CC□□0602□□	CCGX0602□□	CC□□0602□□
□□-SCLCR09S20	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CC□□09T3□□	CCGX09T3□□	CC□□09T3□□

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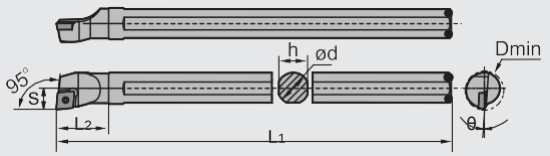
CP□□(Damping toolholders)

SCLPR/L

Kr:95°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	ØD	ød	s	L_1	L_2	h	θ				
C10M-SCLPR/L06	▲	△	12	10	6	150	17	9	7°				
C12Q-SCLPR/L06	△	△	16	12	8	180	20	11	4°				
C16R-SCLPR/L09	▲	△	20	16	10	200	29	15	4°				
C20S-SCLPR/L09	△	△	25	20	13	250	35	18	4°				

Toolholders type		
	□□-SCLPR/L06	CP□□0602□□
	□□--SCLPR/L09	CP□□09T3□□

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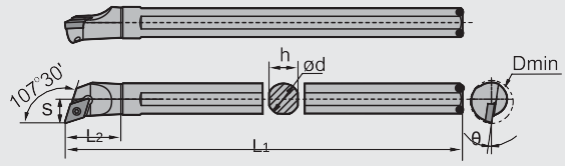
DP□□(Damping toolholders)

SDQPR/L

Kr:107°30'

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	ØD	ød	s	L1	L2	h	θ				
C10M-SDQPR/L07	▲	△	13	10	7	150	20	9	8°				
C12Q-SDQPR/L07	△	△	16	12	9	180	22	11	8°				
C16R-SDQPR/L07	△	△	20	16	11	200	27	15	6°				
C16R-SDQPR/L11	△	△	20	16	11	200	32	15	6°				
C20S-SDQPR/L11	▲	△	25	20	13	250	33	18	6°				

Toolholders type		
	□□-SDQPR/L07	DP□□0702□□
	□□-SDQPR/L11	DP□□11T3□□

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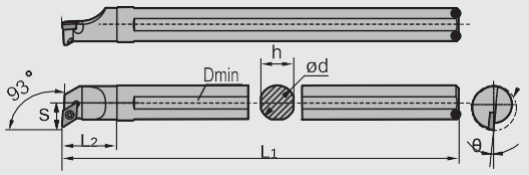
DP□□(Damping toolholders)

SDUPR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	ØD	ød	s	L_1	L_2	h	θ				
C10M-SDUPR/L07	△	△	15	10	9	150	18	9	8°				
C12Q-SDUPR/L07	△	△	16	12	9	180	19	11	8°				
C16R-SDUPR/L07	△	△	20	16	11	200	25	15	6°				

Type		
	□□-SDQPR/L07	DP□□0702□□

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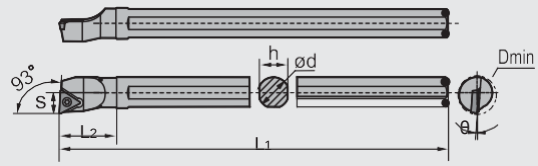
TP□□(Damping toolholders)

STUPR/L

Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	ØD	ød	s	L_1	L_2	h	θ				
C10M-STUPR/L09	▲	△	12	10	6	150	20	9	6°				
C12Q-STUPR/L09	▲	△	16	12	8	180	22	11	4°				
C12Q-STUPR/L11	▲	△	16	12	8	180	25	11	4°				
C16R-STUPR/L11	▲	△	20	16	10	250	27	15	3°				

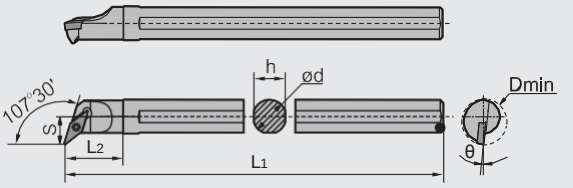
Toolholders type		
	□□-STUPR/L09	TP□□0902□□
	□□-STUPR/L11	TP□□1103□□

сайт: http://www.imperial-tools.ru
e-mail: info@imperial-tools.ru
тел: 8(423) 2-72-64-51

VC□□(Damping toolholders)

SVQCR/L
Kr:107°30'

Example is R type

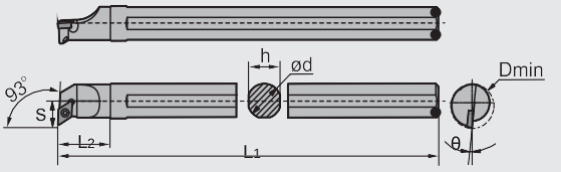


Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	ØD	ød	s	L1	L2	h	θ				
C16R-SVQCR/L11	△	△	22	16	13	200	28	15	6°				
C20S-SVQCR/L11	△	△	26	20	15	250	32	18	4°				

VC□□(Damping toolholders)

SVUCR/L
Kr:93°

Example is R type



Type	Stock		Basic dimensions(mm)							Inserts screw	Wrench		
	R	L	ØD	ød	s	L1	L2	h	θ				
C16R-SVUCR/L11	△	△	24	16	15	200	25	15	6°				
C20S-SVUCR/L11	△	△	28	20	17	250	30	18	4°				

Toolholders type				
	□□-SVQCR/L11	VC□□1103□□	VC□□1103□□	VCGX1103□□
	□□-SVUCR/L11	VC□□1103□□	VC□□1103□□	VCGX1103□□

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