

STAEW

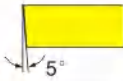
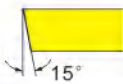
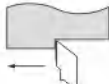
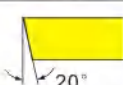
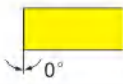
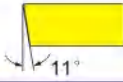
INDEXABLE Tool Holders

Suraj Tools & Engineering Works
www.surajtools.com

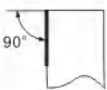
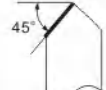
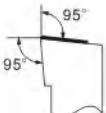
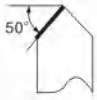
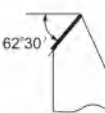
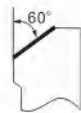


Index

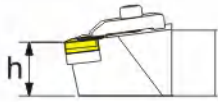
CONTENTS	PAGE NO.
External Turning Tool Holder	
I) External Turning Tools Code Key	01 To 02
II) D Type Tool Holder	03 To 05
III) S Type Tool Holder	06 To 15
Internal Turning Boring Bar	
I) Internal Turning Tools Code Key	16 To 17
II) D Type Boring Bar	18
III) S Type Boring Bar	19 To 25
External Grooving Tool Holder	26
Internal Grooving Tool holder	26
External Threading Tool Holder	27
Internal Threading Tool Holder	27

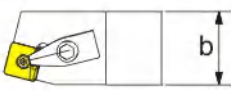
Clamping system	Inserts shape		Inserts clearance angle	Cutting direction
 P – Hole clamping	 C	 D	 B	 L - Left hand
 M – Top and hole clamping	 R	 S	 C	
 S – Screw on	 T	 V	 D	 R - Right hand
 D – Top clamping	 W		 E	
			 N	 N - Neutral
			 P	

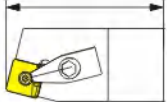
P C L N L

Tool holder style and approach angle							
A	B	C	D	E	F	G	H
 90°	 75°	 90°	 45°	 60°	 90°	 90°	 107°30'
J	K	L	M	N	O	P	Q
 93°	 75°	 95°	 50°	 63°	 117°30'	 62°30'	 107°30'
R	S	T	U	V	W	X	
 75°	 45°	 60°	 93°	 72°30'	 60°	 120°	

EXTERNAL TURNING TOOLS CODE KEY

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

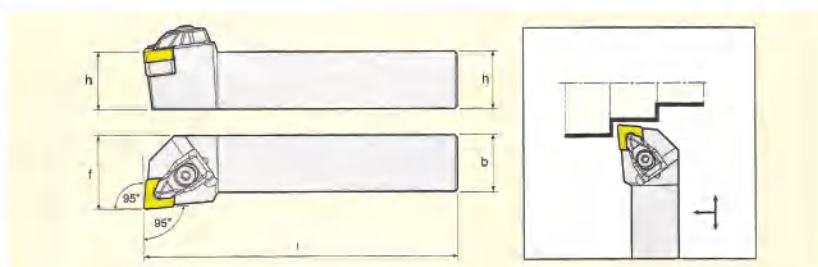
Length of toolholder (mm)	
	
Code	Length
H	100
K	125
M	150
P	170
Q	180
R	200
S	250
T	300

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	---	---	---	---

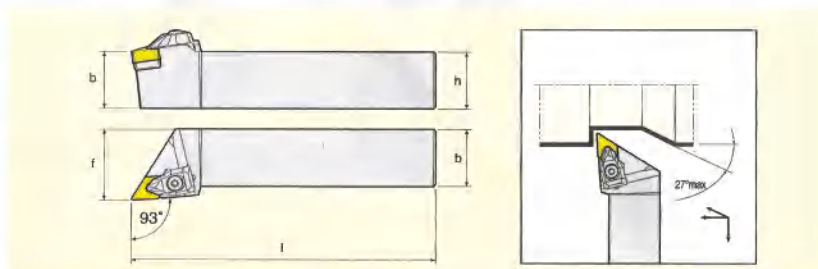
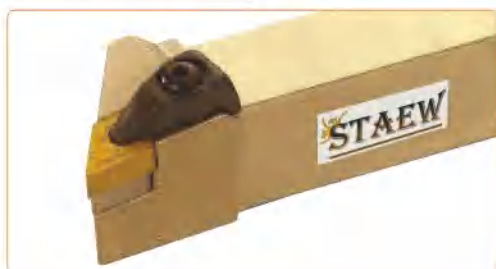
DOUBLE CLAMP "D" TYPE HOLDERS

DCLNR/L



Designation	Stock		Dimension (mm)				Insert	Components					
	R	L	h	b	l	f		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Wrench
DCLNR/L 2020 K12	•	•	20	20	125	25	 CN □□ 1204 □□						
2525 M12	•	•	25	25	150	32		TC 4	CS 4	CN 4	SS 1	SPG 3	W 2.5
3232 P12	•	•	32	32	170	40							

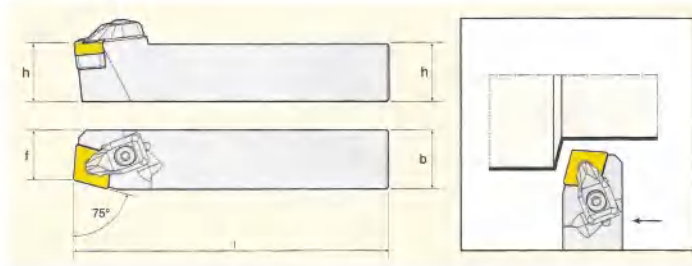
DDJNR/L



Designation	Stock		Dimension (mm)				Insert	Components					
	R	L	h	b	l	f		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Wrench
DDJNR/L 2020 K11	•	•	20	20	125	25	 DN □□ 1104 □□						
2020 K15	•	•	20	20	125	25		TC 3	CS 3	DN3	SS2	SPG3	W 2.5
2525 M15	•	•	25	25	150	32	 DN □□ 1506 □□	TC 4	CS 4	DN4	SS 1	SPG4	W 3
3232 P15	•	•	32	32	170	40							

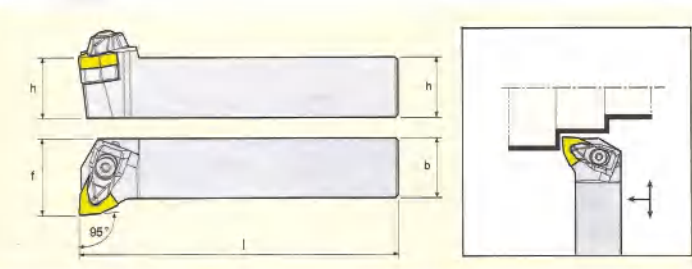
DOUBLE CLAMP "D" TYPE HOLDERS

DCBNR/L



Designation	Stock		Dimension (mm)				Insert	Components					
	R	L	h	b	l	f		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Wrench
DCBNR/L 2525 M12	•		25	25	150	22.5	CN 1204	TC 4	CS 4	CN 4	SS 1	SPG 4	W 3
3232 P19	•		32	32	170	27	CN 1906	TC 5	CS 5	CN 4	SS 2	SPG 5	W 4

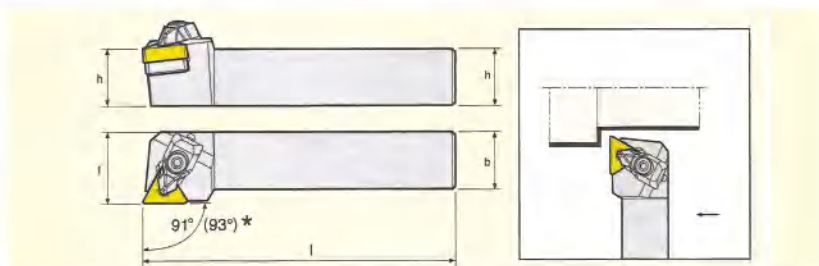
DWLNRL



Designation	Stock		Dimension (mm)				Insert	Components					
	R	L	h	b	l	f		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Wrench
DWLNRL 2020 K06	•	•	20	20	125	25	WN 0604	TC 3	CS 3	WN 3	SS 1	SPG 3	W 2.5
2525 M06	•	•	25	25	150	32							
2020 K08	•	•	20	20	125	25	WN 0804	TC 4	CS 4	WN 4	SS 1	SPG 3	W 3
2525 M08	•	•	25	25	150	32							

DOUBLE CLAMP "D" TYPE HOLDERS

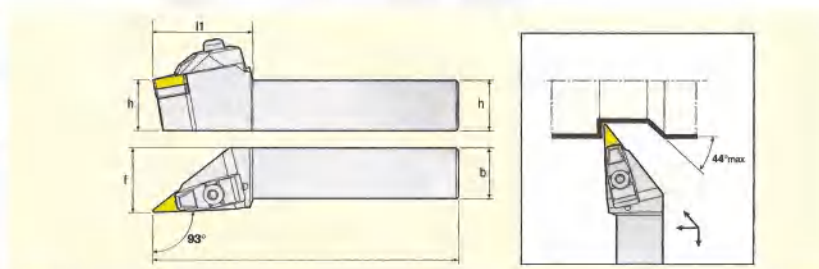
DTGNR/L



Designation	Stock		Dimension (mm)					Insert	Components					
	R	L	h	b	l	f	A		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Wrench
DTGNR/L 2525 M16	•	•	25	25	150	32	91	TN □□1604 □□						
DTJNR/L 2020 K16	•	•	20	20	125	25	93	TN □□1604 □□	TC 3	CS 3	TN 3	SS 3	SPG 3	W 2.5
2525 M15	•	•	25	25	150	32	93							

*Entering angle of DTJNR/L is 93 degrees

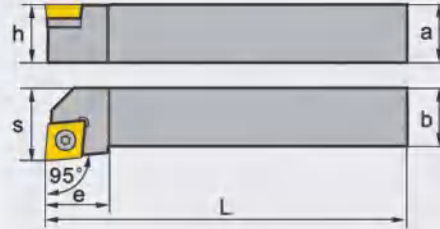
DVJNR/L



Designation	Stock		Dimension (mm)					Insert	Components					
	R	L	h	b	l	l1	f		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Wrench
DVJNR/L 2020 K13			20	20	125	49	25	VN □□1304 □□						
2525 M13			25	25	150	49	32							
2020 K16	•	•	20	20	125	49	25	VN □□1604 □□	TC 5	CS5	VN 4	SS 3	SPG 5	W 4
2525 M16	•	•	25	25	150	49	32							

SCREW CLAMP "S" TYPE HOLDERS

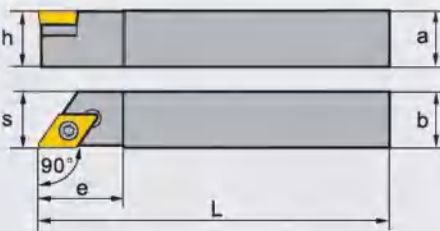
SCLCR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SCLCR/L 0808 D 06	▲	△	08	08	60	08	10	10	I60M2.5 X 6.5	-	-	WT 07IP
SCLCR/L 1010 E 06	▲	▲	10	10	70	10	12	10	I60M3.5 X 8	-	-	WT 15IP
SCLCR/L 1212 F 09	▲	▲	12	12	80	12	16	16	I60M24 X 11X	C12BS	Sm6 X 10 X A	WT15IP WH 40L
SCLCR/L 1616 H 09	▲	▲	16	16	100	16	20	16				
SCLCR/L 2020 K 12	▲	▲	20	20	125	20	25	25				
SCLCR/L 2525 M 12	▲	▲	25	25	150	25	32	26				
SCLCR/L 3225 P 12	▲	▲	32	32	170	32	32	26				

▲ Stock available △ Produce according to order

SDACR/L

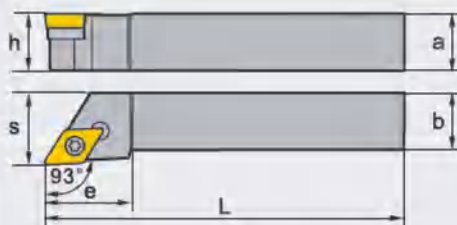


Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SDACR/L 1010 E 07	△	△	10	10	70	10	10	15	I60M2.5 X 6.5	-	-	WT07IP
SDACR/L 1212 F 11	△	△	12	12	80	12	12	15	I60M3.5 X 8	-	-	WT15IP
SDACR/L 1616 H 11	△	△	16	16	100	16	16	24	I60M3.5 X 12	D11BS	Sm5 X 8.65 X A	WT15IP WH35L

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

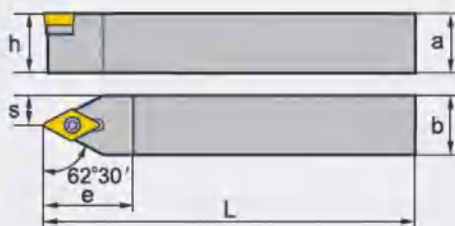
SDJCR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SDJCR/L 1010 E 07	▲	△	10	10	70	10	12	15	I60M2.5 X 6.5	-	-	WT 07IP
SDJCR/L 1212 H 07	▲	▲	12	12	80	12	16	15				
SDJCR/L 1616 H 07	▲	▲	16	16	100	16	20	18				
SDJCR/L 1616 H 11	▲	▲	16	16	100	16	20	24	I60M3.5 X 12	D11BS	Sm5 X 8.65 X A	WT 15IP WH 35L
SDJCR/L 2020 K 11	▲	▲	20	20	125	20	25	24				
SDJCR/L 2525 M 11	▲	▲	25	25	150	25	32	29				
SDJCR/L 3225 P 11	▲	▲	32	25	170	32	32	29				

▲ Stock available △ Produce according to order

SDNCN

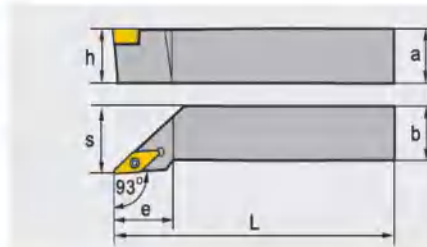


Type	Stock	Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
		a	b	L	h	s	e				
SDNCN 1010 E 07	▲	10	10	70	10	5	20	160M2.5 X 6.5	-	-	WT 07IP
SDNCN 1212 F 07	▲	12	12	80	12	6	20				
SDNCN 1616 H 11	▲	12	12	100	12	6	30				
SDNCN 1616 H 11	▲	16	16	100	16	8	30	160M3.5 X 12	D11BS	SM5 X 8.65 X A	WT 15IP WH35L
SDNCN 2020 K 11	▲	20	20	125	20	10	30				
SDNCN 2525 M 11	▲	25	25	150	25	12.5	30				

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

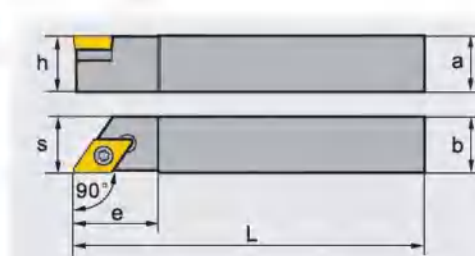
SVJBR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SVJBR/L 1212 F 11	▲	▲	12	12	80	12	16	27	I60M2.5 X 6.5	-	-	WT 07IP
SVJBR/L 1616 H 11	▲	▲	16	16	100	16	20	27				
SVJBR/L 2020 K 11	▲	▲	20	20	125	20	25	27				
SVJBR/L 2525 M 11	▲	▲	25	25	150	25	32	27				
SVJBR/L 1616 H 16	▲	▲	16	16	100	16	20	36	I60M3.5 X 12	V16BS	SM5 X 8.65 X A	WT 15IP WH 35L
SVJBR/L 2020 K 16	▲	▲	20	20	125	20	25	41				
SVJBR/L 2525 M 16	▲	▲	25	25	150	25	32	41				
SVJBR/L 3225 P 16	▲	▲	32	25	170	32	32	41				

▲ Stock available △ Produce according to order

SVABR/L

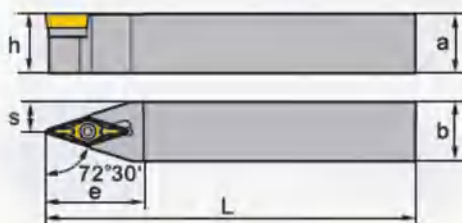


Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SVABR/L 1010 F 11	△	△	10	10	80	10	10	25	I60M2.5 X 6.5	-	-	WT 07IP
SVABR/L 1616 H 16	△	△	16	16	100	16	16	28				
SVABR/L 2020 K 16	△	△	20	20	125	20	20	28	I60M3.5 X 12	V16BS	SM5 X 8.65 X A	WT 15IP WH 35L
SVABR/L 2525 M 16	△	△	25	25	150	25	25	28				

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

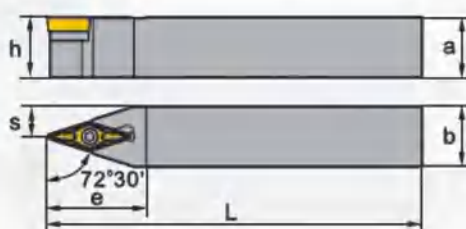
SVVBN



Type	Stock	Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
		a	b	L	h	s	e				
SVVBN 1212 F 11	▲	12	12	80	12	6	27	I60M2.5 X 6.5			WT 07IP
SVVBN 1616 H 11	▲	16	16	100	16	8	27				
SVVBN 2020 K 11	▲	20	20	125	20	10	30				
SVVBN 1616 H 16	▲	16	16	100	16	8	33	I60M3.5 X 12	V16BS	SM5 X 8.65 X A	WT 15IP WH35L
SVVBN 2020 K 16	▲	20	20	125	20	10	33				
SVVBN 2525 M 16	▲	25	25	150	25	12.5	38				

▲ Stock available △ Produce according to order

SVVCN

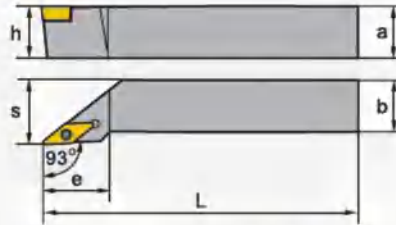


Type	Stock	Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
		a	b	L	h	s	e				
SVVCN 1212 F 11	▲	12	12	80	12	6	27	I60M2.5 X 6.5			WT 07IP
SVVCN 1212 M 11	▲	12	12	150	12	6	27				
SVVCN 1616 H 11	▲	16	16	100	16	8	27				
SVVCN 2020 K 11	▲	20	20	125	20	10	30	I60M3.5 X 12	V16BSC	SM5 X 8.65 X A	WT 15IP WH35L
SVVCN 1616H K 16	▲	16	16	100	16	8	33				
SVVCN 2020 K 16	▲	20	20	125	20	10	33				
SVVCN 2525 M 16	▲	25	25	150	25	12.5	38				

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

SVJCR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SVJCR/L 1010 E 11	▲	△	10	10	70	10	12	22	I60M2.5 X 6.5			WT 07IP
SVJCR/L 1616 H 11	▲	▲	16	16	100	16	20	27				
SVJCR/L 2020 K 11	▲	▲	20	20	125	20	25	27				
SVJCR/L 2525 M 11	▲	▲	25	25	150	25	32	27				
SVJCR/L 1616 H 16	▲	▲	16	16	100	16	20	36	I60M3.5 X 12	V16BSC	SM5 X 8.65 X A	WT 15IP WH 35L
SVJCR/L 2020 K 16	▲	▲	20	20	125	20	25	41				
SVJCR/L 2525 M 16	▲	▲	25	25	150	25	32	41				

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SSBCR/L

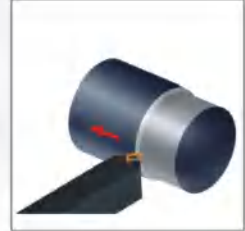


Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SSBCR/L 1212 F 09	▲	▲	12	12	80	12	11	16	I60M3.5 X 8	-	-	WT 15IP
SSBCR/L 1616 H 09	▲	▲	16	16	100	16	13	16	I60M3.5 X 8	S09BS	SM5 X 8.65 X A	WT 15IP WH 35L
SSBCR/L 2020 K 12	▲	▲	20	20	125	20	17	25	I60M4 X 11X	S12BS	SM6 X 10XA	WT 15IP WH 40L

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

SSDCN



Type	Stock	Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
		a	b	L	h	s	e				
SSDCN 1212 F 09	▲	12	12	80	12	6	15.5	I60M3.5 X 8	-	-	WT 15IP
SSDCN 1616 H 09	▲	16	16	100	16	8	15.5	I60M3.5 X 12	S09BS	SM5 X 8.65XA	WT 15IP WH35L

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SSKCR/L

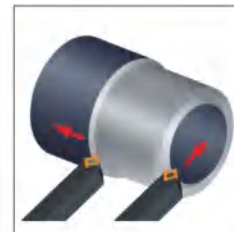
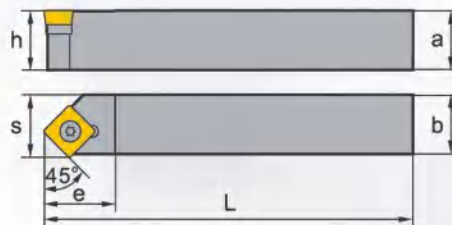


Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SSKCR/L 1616 H 09	▲	△	16	16	100	16	20	13	I60M3.5 X 12	S09BS	SM5 X 8.65XA	WT 15IP WH 35L

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SCREW CLAMP "S" TYPE HOLDERS

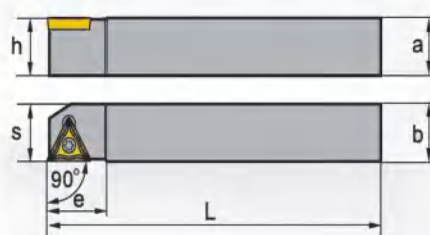
SSSCR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
SSSCR/L 1616 H 09	▲	▲	16	16	100	16	17	16	I60M3.5 X 12	-	-	WT 15IP
SSSCR/L 2020 K 12	▲	▲	20	20	125	20	21	24	I60M4 X 11X	S12BS	SM6 X 10XA	WT 15IP WH 40L

▲ Stock available △ Produce according to order

STACR/L



Type	Stock		Basic dimensions (mm)						Screw	Wrench		
	R	L	a	b	L	h	s	e				
STACR/L 1212 F 11	△	△	12	12	80	12	12	14	I60M2.5 X 6.5	WT 07IP	-	-

▲ Stock available △ Produce according to order

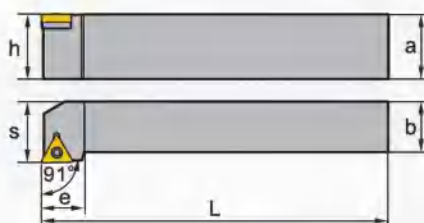
STFCR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
STFCR/L 1212 F 11	▲	▲	12	12	80	12	16	14	I60M2.5 X 6.5	-	-	WT 07IP
STFCR/L 1616 H 11	▲	▲	16	16	100	16	20	14	I60M3.5 X 12	T16BS	SM5 X 8.65XA	WT 15IP WH 35L
STFCR/L 1616 H 16	▲	▲	16	16	100	16	20	19				
STFCR/L 2020 K 16	▲	▲	20	20	125	20	25	19				

▲ Stock available △ Produce according to order

STGCR/L

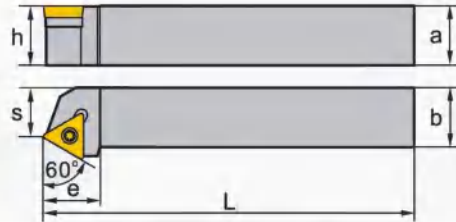


Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
STGCR/L 0808 D 09	▲	△	08	08	60	08	10	11	I60M2.2 X 5.5	-	-	WT 06IP
STGCR/L 1010 E 09	▲	▲	10	10	70	10	12	11	I60M2.2 X 6.5	-	-	WT 07IP
STGCR/L 1212 F 11	▲	▲	12	12	80	12	16	14	I60M3.5 X 12	T16BS	Sm5 X 8.65 X A	WT 15IP WH 35L
STGCR/L 1616 H 11	▲	▲	16	16	100	16	20	16				
STGCR/L 2020 K 16	▲	▲	20	20	125	20	25	21				
STGCR/L 2525 M 16	▲	▲	25	25	150	25	32	21				

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

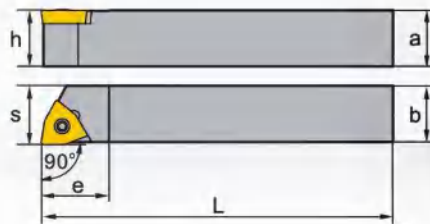
STTCR/L



Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
	R	L	a	b	L	h	s	e				
STTCR/L 1616 H 11	△	△	16	16	100	16	13	14	I60M2.5 X 6.5	-	-	WT 07IP
STTCR/L 1616 H 16	△	△	16	16	100	16	13	19	I60M3.5 X 12	T16BS	SM5 X 8.65XA	WT 15IP WH 35L
STTCR/L 2020 K 16	△	△	20	20	125	20	17	19				

▲ Stock available △ Produce according to order

SWACR/L

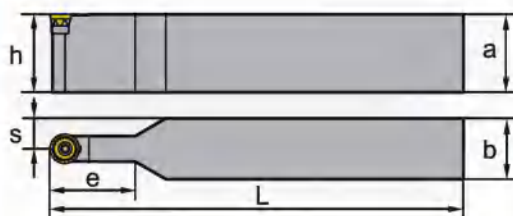


Type	Stock		Basic dimensions (mm)						Screw	Wrench		
	R	L	a	b	L	h	s	e				
SWACR/L 1212 F 04	▲	△	12	12	80	12	12	14	I60M2.5 X 6.5	WT 07IP	-	-
SWACR/L 1616 H 06	▲	△	16	16	100	16	16	20	I60M3 X 7	WT 10IP	-	-
SWACR/L 2020 K 08	▲	▲	20	20	125	20	20	24	I60M3.5 X 12	WT 15IP	-	-

▲ Stock available △ Produce according to order

SCREW CLAMP "S" TYPE HOLDERS

SRDCN



Type	Stock	Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
		a	b	L	h	s	e				
SRDCN 2525 M 10	▲	25	25	150	25	12.5	25	I60M3.5 X 10	-	-	WT 15IP
SRDCN 2020 K 12	▲	20	20	125	20	10	35	I60M3.5 X 12	R12BS	SM5 X 8.65XA	WT 15IP WH35L
SRDCN 2525 M 12	▲	25	25	150	25	12.5	35	I60M3.5 X 12	R12BS	SM5 X 8.65XA	WT 15IP WH35L
SRDCN 3225 P 12	▲	32	25	170	32	12.5	35	I60M3.5 X 12	R12BS	SM5 X 8.65XA	WT 15IP WH35L
SRDCN 3225 P 16	▲	32	25	170	32	12.5	35	I60M4 X 15X	R16BS	SM6 X 10XA	WT 15IP WH40L
SRDCN 3232 P 16	▲	32	32	170	32	16	40	I60M4 X 15X	R16BS	SM6 X 10XA	WT 15IP WH40L
SRDCN 4040 S 16	▲	40	40	250	40	20	50	I60M4 X 15X	R16BS	SM6 X 10XA	WT 15IP WH40L

▲ Stock available △ Produce according to order

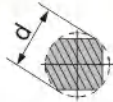
SRGCR/L



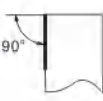
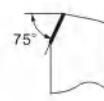
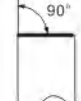
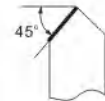
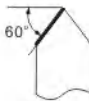
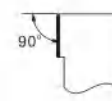
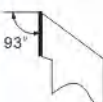
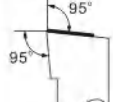
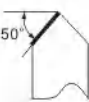
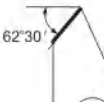
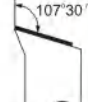
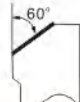
Type	Stock		Basic dimensions (mm)						Screw	Shim	Shim Screw	Wrench
			R	L	a	b	L	h	s			
SRGCR/L 2020 K 10	▲	▲	20	20	125	20	25			I60M3.5 X 10	-	WT 15IP
SRGCR/L 2525 M 10	▲	▲	25	25	150	25	32			I60M3.5 X 12	R12BS	WT 15IP WH 35L
SRGCR/L 2020 K 12	▲	△	20	20	125	20	27			I60M3.5 X 12	R12BS	WT 15IP WH 35L
SRGCR/L 2525 M 12	▲	▲	25	25	150	25	32			I60M3.5 X 12	R12BS	WT 15IP WH 35L

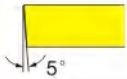
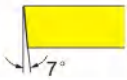
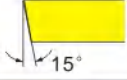
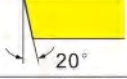
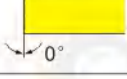
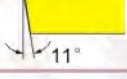
▲ Stock available △ Produce according to order

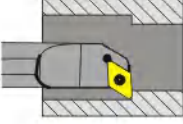
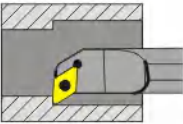
INTERNAL TURNING TOOLS CODE KEY

Toolholders type		Diameter of toolholder	Length of toolholder	Clamping system	Inserts shape	
Code	Type					
A	Steel toolholder with oil-hole			 P-Hole clamping	 C	 D
C	Cemented carbide toolholder	Code Diameter	Code LENGTH	 M-Top and hole clamping	 R	 S
E	Cemented carbide toolholder with oil-hole	16 16	H 100	 S-Screw on	 T	 V
S	Steel toolholder	20 20	K 125	 C-Top clamping		
X	Special inserts is applied	25 25	M 150			
		32 32	N 160			
		40 40	Q 180			
		50 50	R 200			
			S 250			
			T 300			
			U 350			
			V 400			

S 16 R - S D U

Tool holder style and approach angle							
A	B	C	D	E	F	G	H
							
J	K	L	M	N	O	P	Q
							
R	S	T	U	V	W	X	
							

Inserts clearance angle	
	B
	C
	D
	E
	N
	P

Cutting direction

L - Left hand

R - Right hand

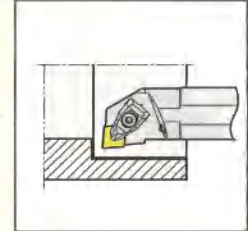
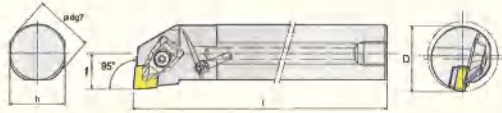
Manufacture option	
D	Increase offset f size+1.0mm
E	Increase offset f size+2.0mm
R	Round shank
W	Wedge clamping
X	Back boring

C R 07

Length of cutting edge							
Inserts shape	C	D	R	S	T	V	W
							
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	---	---

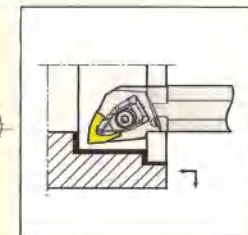
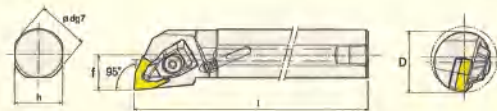
DOUBLE CLAMP BORING BAR

A-DCLNR/L



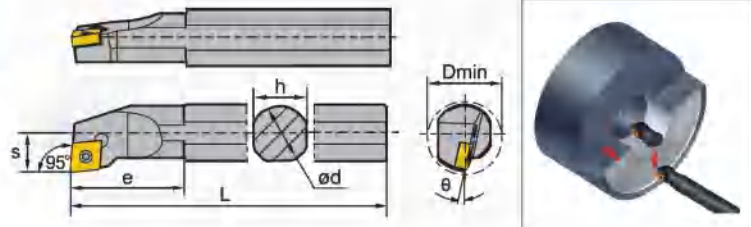
Designation	Stock		Dimension (mm)					Insert	Components						
	R	L	d	h	l	f	d		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Nozzle	Wrench
															
A25T DCLNR/L 12	•	•	25	23	300	17	32	CNM□□1204□□	TC 4	CS 4	CN 3	SS 1	SPG 4	NZ 62	W 3
A32U DCLNR/L 12	•	•	32	30	350	22	40				CN 4	SS 1		NZ 104	
A40V DCLNR/L 12	•	•	40	37	400	22	50								
A50W DCLNR/L 12	•	•	50	47	450	35	63								

A-DWLNR/L



Designation	Stock		Dimension (mm)					Insert	Components						
	R	L	d	h	l	f	d		Clamp	Clamp Screw	Shim	Shim Screw	Spring	Nozzle	Wrench
A20S DWLNR/L 06	•	•	20	18	250	13	25	 WNM□□0604□□	 TC 3	 CS 3	 WN 3	 SS 1	 SPG 3	 NZ 62	 W 2.5
A25T DWLNR/L 06	•	•	25	23	300	17	32								
A32U DWLNR/L 06	•	•	32	30	350	22	40		 TC 4	 CS 4	 WN 4	 SS 1	 SPG 4	 NZ 104	 W 2.5
A25T DWLNR/L 08	•	•	25	23	300	17	32								
A32U DWLNR/L 08	•	•	32	30	350	22	40								
A40V DWLNR/L 08	•	•	40	37	400	27	50								

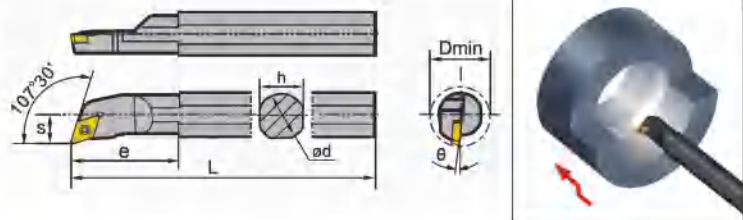
SCLCR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	Shim	Shim Screw
	R	L	Dmin	φd	h	L	S	θ	e				
S08K- SCLCR/L06	▲	▲	10	8	7	125	5	-15°	14	I60M2.5 X 5.5	WT 07IP	-	-
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	I60M3.5 X 8	WT 15IP	-	-
S16R- SCLCR/L09	▲	▲	20	16	15	200	11	-12°	32.5				
S20S- SCLCR/L09	▲	▲	25	20	18	250	13	-8°	38				
S25T- SCLCR/L09	▲	▲	32	25	23	300	17	-6°	45	I60M3.5 X 10	WT 15IP	-	-
S25T- SCLCR/L12	▲	▲	32	25	23	300	17	-6°	45	I60M4 X 11X	WT 15IP	-	-
S32U- SCLCR/L12	▲	▲	40	32	30	350	22	-10°	50	I60M4 X 11X	WH 40L WT 15IP	C12BS	SM6 X 10XA
S40V- SCLCR/L12	▲	▲	50	40	37	400	27	-8°	60				

▲ Stock available △ Produce according to order

SDQCR/L

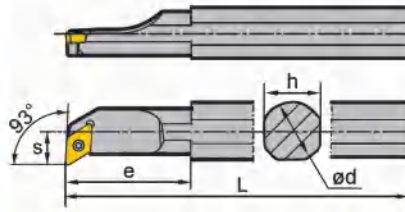


Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench		
	R	L	Dmin	φd	h	L	S	θ	e				
S10M- SDQCR/L07	▲	▲	13	10	9	150	7	-8°	20	I60M2.5 X 5.5	WT 07IP		
S12M- SDQCR/L07	▲	▲	16	12	11	150	9	-8°	22	I60M2.5 X 6.5			
S16R- SDQCR/L07	▲	▲	20	16	15	200	11	-6°	27				
S20S- SDQCR/L11	▲	▲	25	20	18	250	13	-6°	32	I60M3.5 X 8	WT 15IP		
S25T- SDQCR/L11	▲	▲	32	25	23	300	17	-6°	32	I60M3.5 X 10			

▲ Stock available △ Produce according to order

SCREW CLAMP BORING BAR

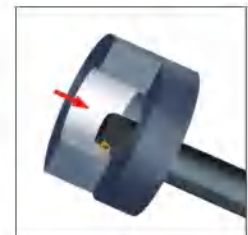
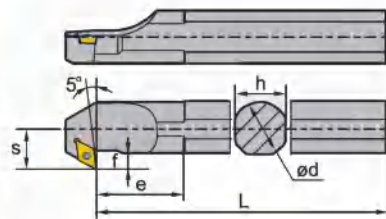
SDUCR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench		
	R	L	Dmin	ϕd	h	L	S	θ	e				
S10M- SDUCR/L07	▲	▲	13	10	9	150	7	-8°	0	I60M2.5 X 5.5			
S12M- SDUCR/L07	▲	▲	16	12	11	150	9	-8°	22	I60M2.5 X 6.5	WT 07IP		
S16R- SDUCR/L07	▲	▲	20	16	15	200	11	-6°	27	I60M3.5 X 8	WT 15IP		
S20S- SDUCR/L11	▲	▲	25	20	18	250	13	-6°	40	I60M3.5 X 10			
S25T- SDUCR/L11	▲	▲	32	25	23	300	17	-6°	46				

▲ Stock available △ Produce according to order

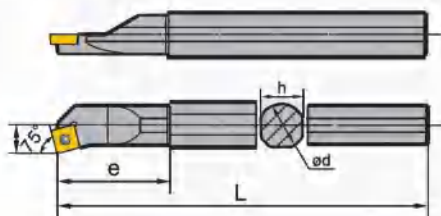
SDZCR/L



Type	Stock		Basic dimensions (mm)								Insert Screw	Wrench	Shim	Shim Screw
	R	L	Dmin	ϕd	h	L	S	θ	e	f				
S25T- SDZCR/L11	▲	▲	32	25	23	300	16	-6°	30	6.9	I60M3.5 X 10	WT 15IP		
S32U- SDZCR/L11	▲	▲	40	32	30	350	22	-6°	39	8.4	I60M2.5 X 12	WT 15IP	D11BS	SM5 X 8.65XA
S40V- SDZCR/L11	▲	▲	50	40	37	400	27	-4°	47	9.4		WH 35L		

▲ Stock available △ Produce according to order

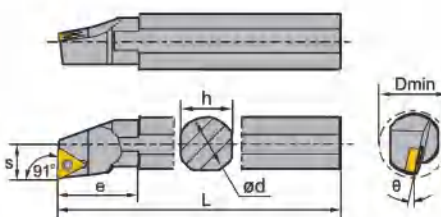
SSKCR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	Shim	Shim Screw
	R	L	Dmin	φd	h	L	S	θ	e				
S12M- SSKCR/L09	▲	△	16	12	11	150	9	-10°	26	I60M3.5 X 8	WT 15IP		
S16R- SSKCR/L09	▲	▲	20	16	15	200	11	-11°	32.5				
S20S- SSKCR/L09	▲	△	25	20	18	250	13	-6°	34.5				
S25T- SSKCR/L12	▲	▲	32	25	23	300	17	-8°	36.3	I60M4 X 11X	WT 15IP		
S32U- SSKCR/L12	▲	△	40	32	30	350	22	-10°	43.5		WT 15IP WH 40L	S12BS	SM6 X 10XA

▲ Stock available △ Produce according to order

STFCR/L

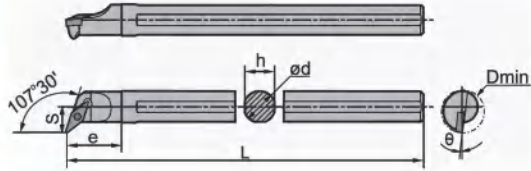


Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	Shim	Shim Screw
	R	L	Dmin	φd	h	L	S	θ	e				
S12M- STFCR/L11	▲	▲	16	12	11	150	9	-10°	30	I60M2.5 X 6.5	WT 07IP		
S16R- STFCR/L11	▲	▲	20	16	15	200	11	-6°	35				
S20S- STFCR/L11	▲	▲	25	20	18	250	13	-3°	36				
S25T- STFCR/L16	▲	▲	32	25	23	300	17	-6°	49	I60M3.5 X 10	WT 15IP		
S32U- STFCR/L16	▲	▲	40	32	30	350	22	-10°	50	I60M3.5 X 12	WT 15IP WH 35L	T16BS	SM5 X 8.65XA
S40V- STFCR/L16	▲	▲	50	40	37	400	27	-8°	60				

▲ Stock available △ Produce according to order

SCREW CLAMP BORING BAR

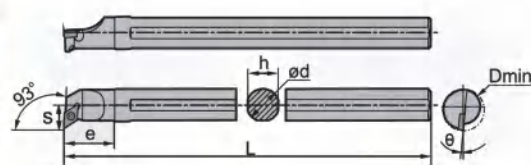
SVQCR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	-	-
	R	L	Dmin	φd	h	L	S	θ	e				
S16Q- SVQCR/L11	▲	▲	22	16	15	180	13	-6°	28	I60M2.5 X 6.5	WT 07IP	-	-

▲ Stock available △ Produce according to order

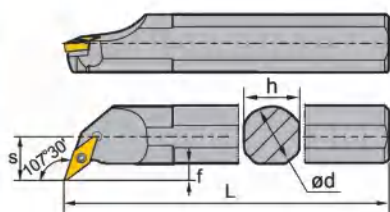
SVUCR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	-	-
	R	L	Dmin	φd	h	L	S	θ	e				
S16Q- SVUCR/L11	△	△	24	16	15	180	15	-6°	25	I60M2.5 X 6.5	WT 07IP	-	-
S20R- SVUCR/L11	△	△	28	20	18	200	17	-4°	30	I60M2.5 X 6.5	WT 07IP	-	-

▲ Stock available △ Produce according to order

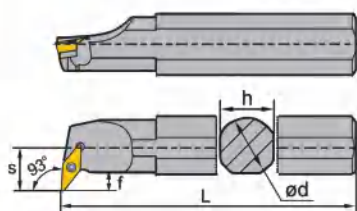
SVQBR/L



Type	Stock		Basic dimensions (mm)								Insert Screw	Wrench	Shim	Shim Screw
	R	L	Dmin	ød	h	L	S	θ	e	f				
S32U- SVQBR/L16	▲	▲	40	32	30	350	22	-8°	56	8.4	I60M3.5 X 12	WT 15IP WH 35L	V16BS	SM5 X 8.65XA
S40V- SVQBR/L16	▲	▲	50	40	37	400	27	-8°	64	9.4				

▲ Stock available △ Produce according to order

SVUBR/L

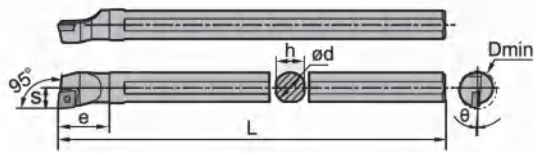


Type	Stock		Basic dimensions (mm)								Insert Screw	Wrench	Shim	Shim Screw
	R	L	Dmin	ød	h	L	S	θ	e	f				
S32U- SVUBR/L16	▲	▲	40	32	30	350	22	-8°	49	8.4	I60M3.5 X 12	WT 15IP WH 35L	V16BS	SM5 X 8.65XA
S40V- SVUBR/L16	▲	▲	50	40	37	400	27	-8°	56.5	9.4				

▲ Stock available △ Produce according to order

SCREW CLAMP BORING BAR

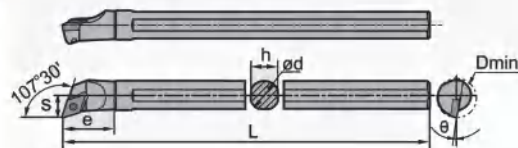
SCLPR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	-	-
	R	L	Dmin	φd	h	L	S	θ	e				
S10K- SCLPR/L06	▲	▲	12	10	9	125	6	-7°	17	I60M2.5 X 5.5	WT 07IP	-	-
S12M- SCLPR/L06	▲	▲	16	12	11	150	5	-4°	20	I60M2.5 X 5.5	WT 07IP	-	-
S16Q- SCLPR/L09	▲	▲	20	16	15	280	10	-4°	29	I60M3.5 X 8	WT 15IP	-	-

▲ Stock available △ Produce according to order

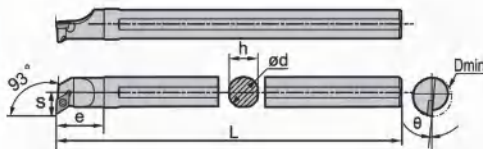
SDQPR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench	-	-
	R	L	Dmin	φd	h	L	S	θ	e				
S12M- SDQPR/L07	▲	▲	16	12	11	150	9	-8°	22	I60M2.5 X 5.5	WT 07IP	-	-
S16Q- SDQPR/L07	▲	▲	20	16	15	180	11	-6°	27	I60M2.5 X 6.5	WT 07IP	-	-
S16Q- SDQPR/L11	▲	▲	20	16	15	180	11	-6°	32	I60M3.5 X 8	WT 15IP	-	-

▲ Stock available △ Produce according to order

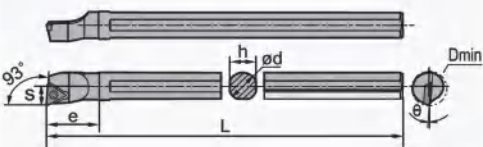
SDUPR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10K- SDUPR/L07	▲	▲	15	10	9	125	9	-8°	18	I60M2.5 X 5.5	WT 07IP	-	-
S12M- SDUPR/L07	▲	△	26	12	11	150	9	-8°	19			-	-

▲ Stock available △ Produce according to order

STUPR/L



Type	Stock		Basic dimensions (mm)							Insert Screw	Wrench		
	R	L	Dmin	ød	h	L	S	θ	e				
S10K- STUPR/L09	▲	△	12	10	9	125	6	-6°	20	I60M2.5 X 5.5	WT 07IP	-	-
S12M- STUPR/L09	▲	△	16	12	11	150	8	-4°	22			-	-
S12M- STUPR/L11	▲	△	16	12	11	150	8	-4°	25	I60M2.5 X 6.5	WT 15IP	-	-
S16Q- STUPR/L11	▲	△	20	16	15	180	10	-3°	27			-	-

▲ Stock available △ Produce according to order

GROOVING TOOL HOLDERS

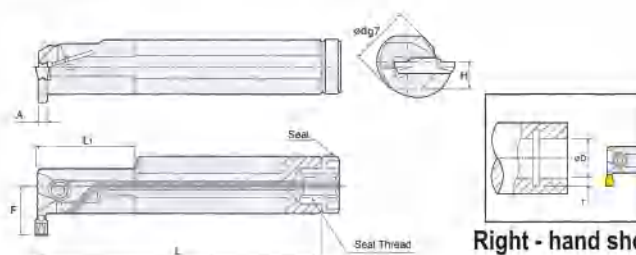
DTER/L



Right - hand shown

Designation	Insert Seat Size	H	B	L	F	E	A	H ₂	Tmax	Screw	Wrench	Torque (N-m)
DTER/L 1616-2T08	2	16	16	110	15.1	33	1.8	4	8.0	SH M5x0.8x16	SL-W4	5.5
2020-2T08		20	20	125	19.1			-		SH M5x0.8x20		
2525-2T08		25	25	150	24.1			-		SH M5x0.8x25		
DTER/L 1616-3T09	3	16	16	110	14.8	32	2.4	4	9.0	SH M5x0.8x16	SL-W4	5.5
2020-3T09		20	20	125	18.8			-		SH M5x0.8x20		
2525-3T09		25	25	150	23.8			-		SH M5x0.8x25		
DTER/L 1616-4T10	4	16	16	110	14.5	33	3.0	4	10.0	SH M6x1 x16	SL-W5	8.0
2020-4T10		20	20	125	18.5			-		SH M6x1 x20		
2525-4T10		25	25	150	23.5			-		SH M6x1 x25		
DTER/L 2020-5T12	5	20	20	125	18.1	37	4.0	-	12.0	SH M6x1 x20	SL-W5	8.0
2525-5T12		25	25	150	23.1			-		SH M6x1 x25		
DTER/L 2020-6T12	6	20	20	125	17.6	37	5.0	-	12.0	SH M6x1 x20	SL-W5	8.0
2525-6T12		25	25	150	22.6			7		SH M6x1 x25		

DTIR/L



Right - hand shown

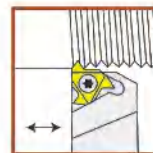
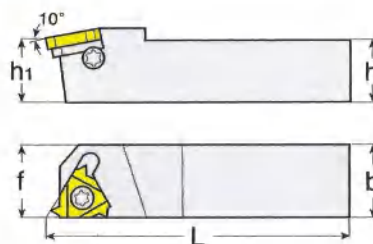
Designation	Insert Seat Size	φd	L	L ₁	F	H	A	Tmax	φDmin	Seal	Seal Thread	Screw	Wrench	Torque (N-m)
DTIR/L 16-2C	2	16	125	-	16.5	7.5	1.8	8.5	25	PL 16	M6	SH M5x0.8x10	SL-W4	5.5
DTIR/L 20-2C	2	20	160	40	15.8	9.0	1.6	6.0	25	PL 20	M6	SH M5x0.8x12		
25-2C		25	200	40	17.5	11.5	1.6	5.0	25	PL 25	R1/8"	SH M5x0.8x16		
DTIR/L 20-3C	3	20	160	40	15.8	9.0	2.1	6.0	25	PL 20	M6	SH M5x0.8x12	SL-W4	5.5
25-3C		25	200	40	17.5	11.5	2.1	5.1	25	PL 25	R1/8"	SH M5x0.8x16		
32-3C		32	250	60	19.8	14.5	2.1	4.7	31	PL 32	R1/8"	SH M5x0.8x16		
DTIR/L 20-4C	4	20	160	40	15.8	9.0	2.9	6.0	25	PL 20	M6	SH M5x0.8 x12	SL-W4	5.5
25-4C		25	200	40	17.5	11.5	2.9	5.2	25	PL 25	R1/8"	SH M5x0.8x16		
32-4C		32	250	60	20.8	14.0	2.9	4.7	31	PL 32	R1/8"	SH M5x0.8x16		
DTIR/L 25-5C	5	25	200	40	17.3	11.5	3.9	5.2	31	PL 25	R1/8"	SH M6x1 x16	SL-W5	8.0
32-5C		32	250	60	20.8	14.0	3.9	4.7	31	PL 32	R1/8"	SH M6x1 x20		
DTIR/L 32-6C	6	32	250	60	20.8	14.0	4.9	4.7	31	PL 32	R1/8"	SH M6x1 x20	SL-W5	8.0

THREADING TOOL HOLDERS

EXTERNAL Toolholders



U - Type



Right - hand shown

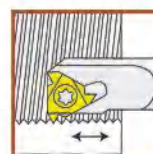
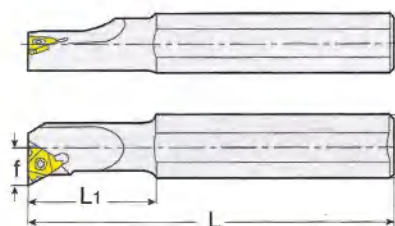
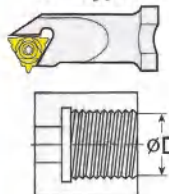
Designation	Dimension (mm)				Insert ⁽²⁾
	h=h ₁	b	L	f	
SER/L 2020 K16	20	20	125	20	16 ER/L...
SER/L 2525 M16	25	25	150	25	
SER/L 3232 P16	32	32	170	32	
SER/L 2525 M22	25	25	150	25	22 ER/L...
SER/L 3232 P22	32	32	170	32	

• ⁽¹⁾ Toolholders without anvil ⁽²⁾ Right-hand inserts (ER) for right-hand tools (SER) • All toolholders are made with 1.5° helix angle

INTERNAL Toolholders



U - Type



Right - hand shown

Designation	Dimension (mm)					Insert ⁽²⁾
	d	L	L ₁	Dmin	f	
SIR/L 0020 P16	20	170	40	24	13.4	16 IR/L...
SIR/L 0025 R16	25	200	-	29	16.3	16 IR/L...
SIR/L 0032 S16	32	250	-	36	19.6	16 IR/L...
SIR/L 0040 T16	40	300	-	44	23.8	16 IR/L...

• ⁽¹⁾ Toolholders without anvil ⁽²⁾ Right-hand inserts (IR) for right-hand tools (SIR) • For RH bars use LH inserts • All toolholders are made with 1.5° helix angle



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