



EXTERNAL TURNING HOLDERS

External Turning Holder Naming Rules



1. Clamping System	
B	Top Clamping
E	Wedge Lock Holding
M	Top & Hole Clamping
S	Screw Clamping

2. Insert Shape		
 C	 D	 E
 W	 K	 R
 S	 T	 V

4. Insert Clearance Angle			
 N	 B	 C	 P

3. Approach Angle			
Symbol	Shape	Symbol	Shape
A	 90°	L	 95°
	 90°	M	 50°
B	 75°	N	 63°
D	 45°	R	 75°
E	 60°	R	 45°
F	 90°	T	 60°
G	 90°	U	 93°
	 90°	V	 72.5°
J	 93°	Q	 45°
K	 75°	W	 60°

5. Hand of Tool	
 R (Right Hand)	 N (Neutral)
 L (Left Hand)	

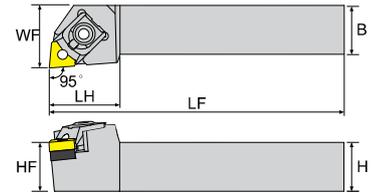
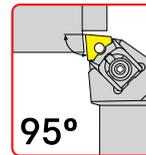
6. Shank Height	
	Integers To Be Preceded By 0 E.g.:h= 8mm Indicated By 08

7. Shank Width	
	Integers To Be Preceded By 0 E.g.:h= 8mm Indicated By 08

8. Tool Length			
L (mm)	Symbol	L (mm)	Symbol
32	A	160	N
40	B	170	P
50	C	180	Q
60	D	200	R
70	E	250	S
80	F	300	T
90	G	350	U
100	H	400	V
110	J	450	W
125	K	500	Y
140	L	Special	X
150	M		

9. Cutting Edge Length		
 R	 S	 T
 C, D E, V	 W	 K

Clamping Type
E-Type



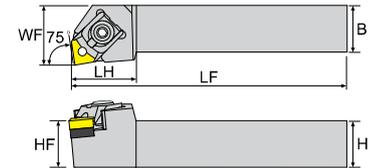
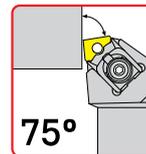
The Picture is Right Hand Holder

E-Type Turning Holder ECLN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
ECLNR/L 2020 K12	20	32	125	25	20	 CN□□ 1204□□	 SMC-432	 LW-4	 CN12-2	 CS80	 C-6	 LW030 LW040	●
ECLNR/L 2525 M12	25	32	150	32	25								●
ECLNR/L 3232 P12	32	32	170	40	32								●
ECLNR/L 2525 M16	25	44	150	32	25	 CN□□ 1606□□	 SMC-416	 LW-5	 CN12-2	 CS80	 C-6	 LW040	●
ECLNR/L 3232 P16	32	44	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



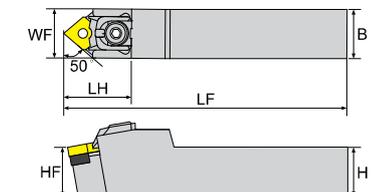
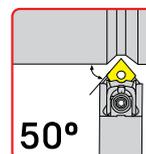
The Picture is Right Hand Holder

E-Type Turning Holder ECKN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
ECKNR/L 2020 K12	20	32	125	25	20	 CN□□ 1204□□	 SMC-432	 LW-4	 CN12-4	 CS80	 C-6	 LW030 LW040	●
ECKNR/L 2525 M12	25	32	150	32	25								●
ECKNR/L 3232 P12	32	32	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type

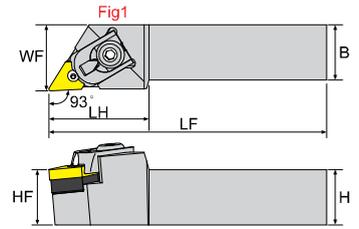
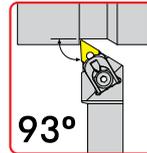
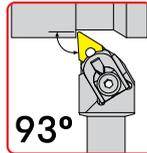
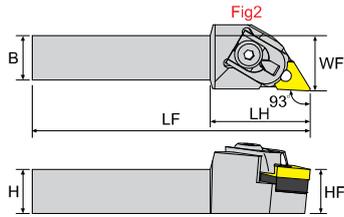


E-Type Turning Holder ECZN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
ECZNN 2020 K12	20	32	125	25	20	 CN□□ 1204□□	 SMC-432	 LW-4	 CN12-2	 CS80	 C-6	 LW030 LW040	●
ECZNN 2525 M12	25	32	150	32	25								●
ECZNN 3232 P12	32	48	170	40	32								●
ECZNN 2525 M16	25	32	150	32	25	 CN□□ 1606□□	 SMC-416	 LW-5	 CN12-2	 CS80	 C-6	 LW040	●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type

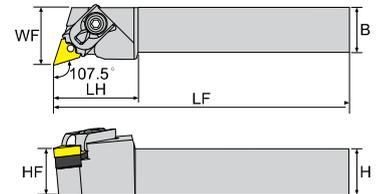
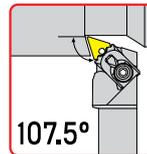


E-Type Turning Holder EDJN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EDJNR/L 2020 K11	20	36	125	25	20	DN□□ 1104□□	SMD-363	LT-3	DN11	CS60E	C-5	LW025 LW030	●
EDJNR/L 2525 M11	25	36	150	32	25								●
EDJNR/L 2020 K1504	20	44	125	25	20	DN□□ 1504□□	SMD-463	LD-1	DN15	CS80	C-6	LW025 LW040	●
EDJNR/L 2525 M1504	25	44	150	32	25								●
EDJNR/L 3232 P1504	32	44	170	40	32								●
EDJNR/L 2020 K1506	20	44	125	25	20	DN□□ 1506□□	SMD-466	LW-4	DN15	CS80	C-6	LW025 LW040	●
EDJNR/L 2525 M1506	25	44	150	32	25								●
EDJNR/L 3232 P1506	32	44	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



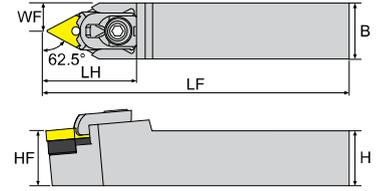
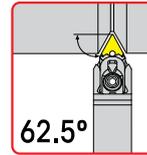
The Picture is Right Hand Holder

E-Type Turning Holder EDQN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EDQNR/L 2020 K11	20	36	125	25	20	DN□□ 1104□□	SMD-363	LT-3	DN11	CS60E	C-5	LW025 LW030	●
EDQNR/L 2525 M11	25	36	150	32	25								●
EDQNR/L 2525 M1504	25	44	150	32	25	DN□□ 1504□□	SMD-463	LD-3	DN15	CS80	C-6	LW030 LW040	●
EDQNR/L 3232 P1504	32	44	170	40	32								●
EDQNR/L 2525 M1506	25	44	150	32	25	DN□□ 1506□□	SMD-466	LW-4	DN15	CS80	C-6	LW030 LW040	●
EDQNR/L 3232 P1506	32	36	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type

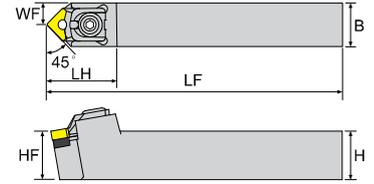
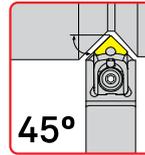


E-Type Turning Holder
EDNN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EDNNN 2020 K1504	20	48	125	10	20	 DN□□ 1504□□	 SMD-463	 LD-1	 DN15	 CS80	 C-6	 LW030 LW040	●
EDNNN 2525 M1504	25	48	150	12.5	25								●
EDNNN 3232 P1504	32	48	170	16	32								●
EDNNN 2020 K1506	20	48	125	10	20	 DN□□ 1506□□	 SMD-466	 LW-4	 DN15	 CS80	 C-6	 LW030 LW040	●
EDNNN 2525 M1506	25	48	150	12.5	25								●
EDNNN 3232 P1506	32	48	170	16	32								●

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Clamping Type
E-Type

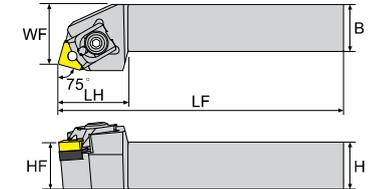
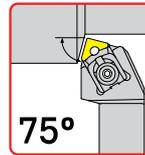


E-Type Turning Holder
ESDN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ESDNN 2020 K12	20	48	125	10	20	 SN□□ 1204□□	SMC-432	LW-4	SN12	CS80	C-6	 LW030 LW040	●
ESDNN 2525 M12	25	48	150	12.5	25								●
ESDNN 3232 P12	32	48	170	16	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



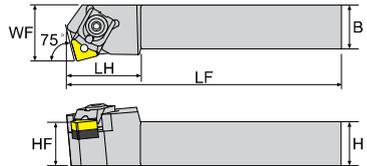
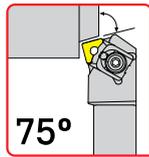
The Picture is Right Hand Holder

E-Type Turning Holder
ESBN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ESBNR/L 2020 K12	20	32	125	25	20	 SN□□ 1204□□	SMC-432	LW-4	SN12	CS80	C-6	 LW030 LW040	●
ESBNR/L 2525 M12	25	32	150	32	25								●
ESBNR/L 3232 P12	32	32	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



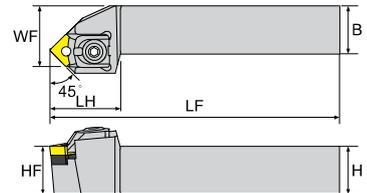
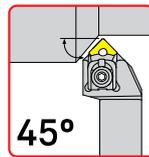
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E-Type Turning Holder
ESKN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ESKNR/L 2020 K12	20	32	125	25	20	SN□□ 1204□□	SMC-432	LW-4	SN12	CS80	C-6	LW030 LW040	●
ESKNR/L 2525 M12	25	32	150	32	25								●
ESKNR/L 3232 P12	32	32	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



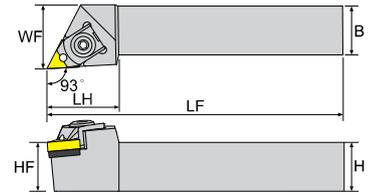
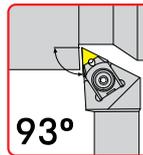
The Picture is Right Hand Holder

E-Type Turning Holder
ESSN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ESSNR/L 2020 K12	20	44	125	25	20	SN□□ 1204□□	SMC-432	LW-4	SN12	CS80	C-6	LW030 LW040	●
ESSNR/L 2525 M12	25	44	150	32	25								●
ESSNR/L 3232 P12	32	44	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



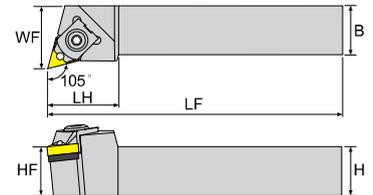
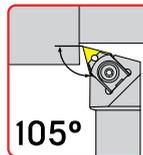
The Picture is Right Hand Holder

E-Type Turning Holder
ETJN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ETJNR/L 2020 K16	20	32	125	25	20	 TN□□ 1604□□	SMT-322	LT-3	TN16-3	CS80	C-6	LW025 LW040	●
ETJNR/L 2525 M16	25	32	150	32	25								●
ETJNR/L 3232 P16	32	32	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



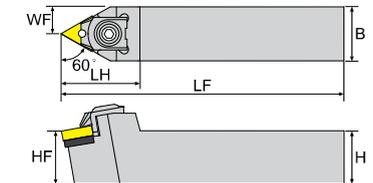
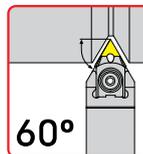
The Picture is Right Hand Holder

E-Type Turning Holder
ETQN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ETQNR/L 2020 K16	20	30	125	25	20	 TN□□ 1604□□	SMT-322	LT-3	TN16-3	CS80	C-6	LW025 LW040	●
ETQNR/L 2525 M16	25	32	150	32	25								●
ETQNR/L 3232 P16	32	32	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type

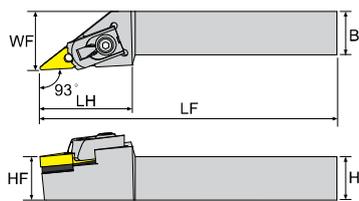
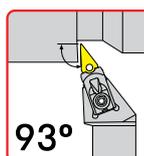


E-Type Turning Holder
ETEN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
ETENN 2020 K16	20	38	125	10	20	 TN□□ 1604□□	SMT-322	LT-3	TN16-3	CS80	C-6	LW025 LW040	●
ETENN 2525 M16	25	32	150	12.5	25								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



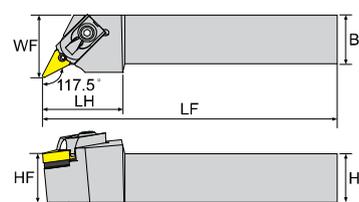
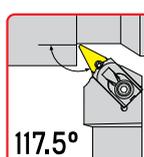
The Picture is Right Hand Holder

E-Type Turning Holder
EVJN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EVJNR/L 2020 K12	20	44	125	25	20	VN□□ 12T3□□	-	LT-1	VN12	CS60E	C-5	LW025 LW030	●
EVJNR/L 2525 M12	25	44	150	32	25								●
EVJNR/L 2020 K16	20	44	125	25	20	VN□□ 1604□□	SMV-322	LT-3	VN16	CS60E	C-5	LW025 LW030	●
EVJNR/L 2525 M16	25	44	150	32	25								●
EVJNR/L 3232 P16	32	44	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



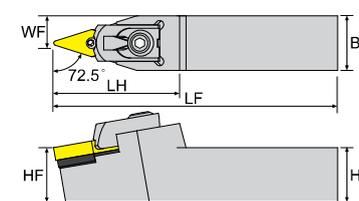
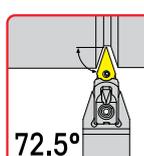
The Picture is Right Hand Holder

E-Type Turning Holder
EVQN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EVQNR/L 2525 M16	25	40	150	32	25	VN□□ 1604□□	SMV-322	LT-3	VN16	CS60E	C-5	LW025 LW030	●
EVQNR/L 3232 P16	32	40	170	40	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type

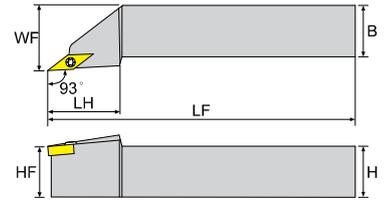
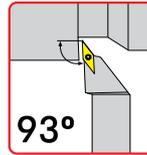


E-Type Turning Holder
EVVN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EVVNN 2020 K12	20	42	125	10	20	VN□□ 12T3□□	-	LT-1	VN12	CS60E	C-5	LW025 LW030	●
EVVNN 2525 M12	25	42	150	12.5	25								●
EVVNN 2020 K16	20	48	125	10	20	VN□□ 1604□□	SMV-322	LT-3	VN16	CS60E	C-5	LW025 LW030	●
EVVNN 2525 M16	25	48	150	12.5	25								●
EVVNN 3232 P16	32	48	170	16	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



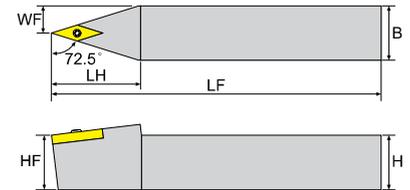
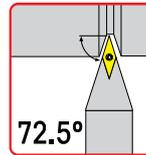
The Picture is Right Hand Holder

S-Type Turning Holder
SVJN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
SVJNR/L 2020 K12	20	37	125	25	20	VN□□ 12T3□□	-	-	-	CS30	-	T-10	●
SVJNR/L 2525 M12	25	37	150	32	25		-	-	-	-	-	-	●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type

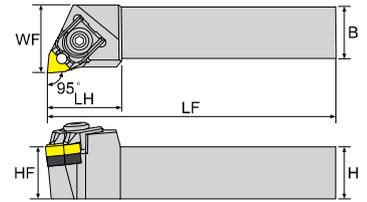
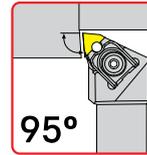


S-Type Turning Holder
SVVN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	HxB	LH	LF	WF	HF								
SVVNN 2020 K12	20	42	125	10	20	VN□□ 12T3□□	-	-	-	CS30	-	T-10	●
SVVNN 2525 M12	25	42	150	12.5	25		-	-	-	-	-	-	●
SVVNN 2020 K16	20	48	125	10	20	VN□□ 1604□□	SMV-322	-	-	CS35	-	T-15	●
SVVNN 2525 M16	25	48	150	12.5	25								●
SVVNN 3232 P16	32	48	170	16	32								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type

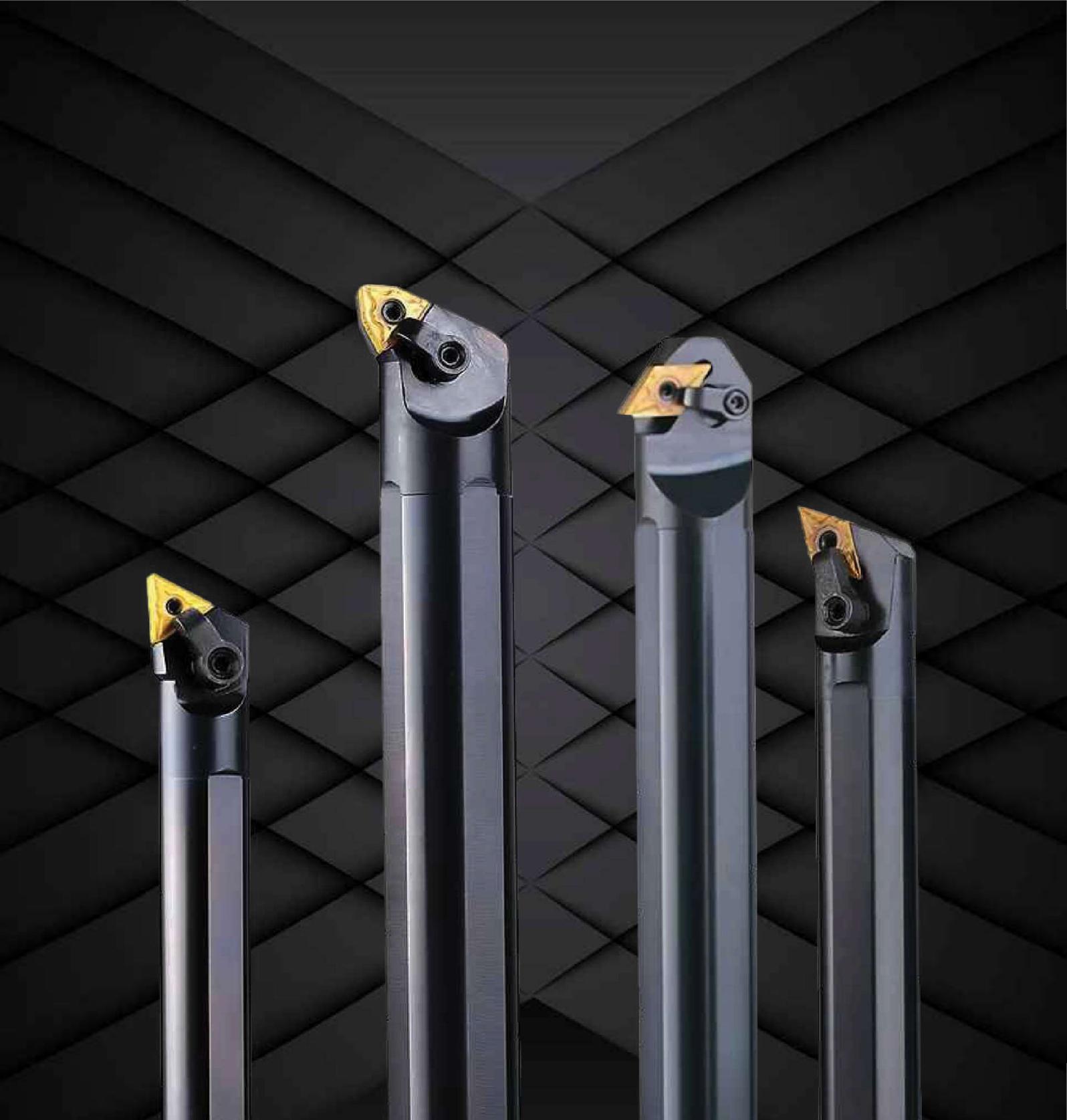


The Picture is Right Hand Holder

E-Type Turning Holder **EWLN Series**

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	HxB	LH	LF	WF	HF								
EWLNR/L 2020 K06	20	32	125	25	20	WN□□ 0604□□	SMW-406	LT-3	WN06-2	CS60E	C-5	LW025 LW030	●
EWLNR/L 2525 M06	25	32	150	32	25								●
EWLNR/L 2020 K08	20	32	125	25	20	WN□□ 0804□□	SMW-422	LW-4	WN08-4	CS80	C-6	LW030 LW040	●
EWLNR/L 2525 M08	25	32	150	32	25								●
EWLNR/L 3232 P08	32	32	170	40	32								●

● - Always Stock Available ○ - Make to Order



INTERNAL TURNING BORING BAR

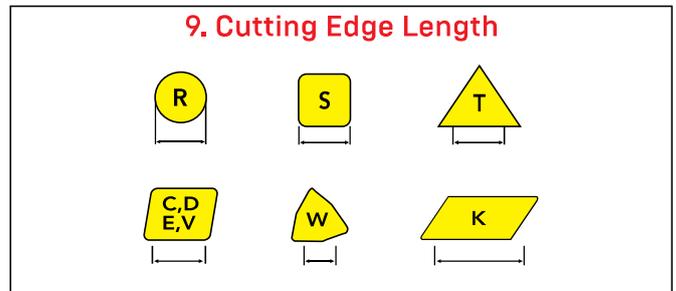
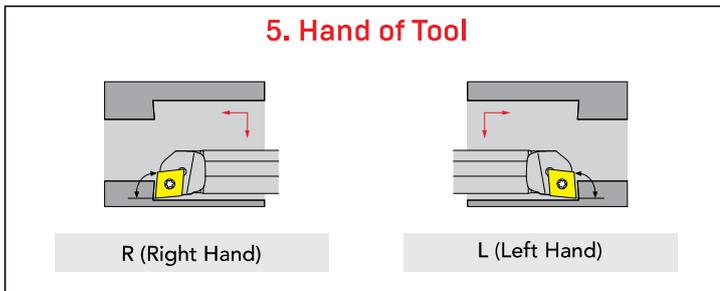


Internal Turning Boring Bar Naming Rules

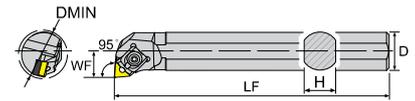
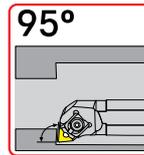


1. Tool Shank Material	2. Diameter (mm)	3. Bar Length	4. Clamping System																								
A Steel Shank (Through Coolant)		<table border="1"> <tr><td>F</td><td>80</td><td>S</td><td>250</td></tr> <tr><td>H</td><td>100</td><td>T</td><td>300</td></tr> <tr><td>K</td><td>125</td><td>U</td><td>350</td></tr> <tr><td>M</td><td>150</td><td>V</td><td>400</td></tr> <tr><td>Q</td><td>180</td><td>W</td><td>450</td></tr> <tr><td>R</td><td>200</td><td>Y</td><td>500</td></tr> </table>	F	80	S	250	H	100	T	300	K	125	U	350	M	150	V	400	Q	180	W	450	R	200	Y	500	B Top Clamping
F			80	S	250																						
H			100	T	300																						
K			125	U	350																						
M	150	V	400																								
Q	180	W	450																								
R	200	Y	500																								
C Carbide Shank	E Wedge Lock Holding																										
E Carbide Shank (Through Coolant)	M Top & Hole Clamping																										
S Steel Shank	S Screw Clamping																										

5. Insert Shape	6. Approach Angle	7. Insert Clearance Angle



Clamping Type
E-Type



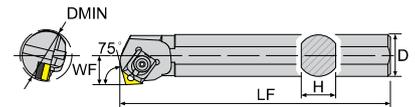
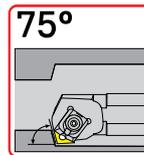
The Picture is Right Hand Holder

E-Type Boring Bar ECLN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S20R ECLNR/L 12	20	18	200	13	24	 CN□□ 1204□□	SMC-432	LW-4B	CN12-2	CS80	C-6	LW030 LW040	●
S25R ECLNR/L 12	25	25	200	17	32								●
S32S ECLNR/L 12	32	30	250	22	40								●
S40T ECLNR/L 12	40	37	300	27	50								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



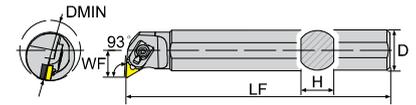
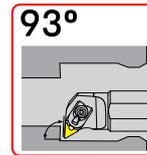
The Picture is Right Hand Holder

E-Type Boring Bar ECKN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S20R ECKNR/L 12	20	18	200	14	24	 CN□□ 1204□□	SMC-432	LW-4B	CN12-4	CS80	C-6	LW030 LW040	●
S25R ECKNR/L 12	25	28	200	17	30								●
S32S ECKNR/L 12	32	30	250	22	38								●
S40T ECKNR/L 12	40	38	300	27	47								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



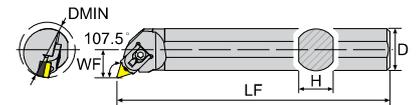
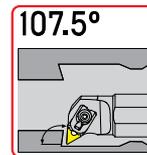
The Picture is Right Hand Holder

E-Type Boring Bar
EDUN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	D	H	LF	WF	DMIN								
S25R EDUNR/L 15	25	23	200	17	32	DN□□ 1504□□	SMD-463	LD-1	DN15	CS80	C-6	LW030 LW040	●
S32S EDUNR/L 15	32	30	250	22	40								●
S40T EDUNR/L 15	40	38	300	27	50								●
S25R EDUNR/L 15	25	23	200	17	32	DN□□ 1506□□	SMD-466	LW-4	DN15	CS80	C-6	LW030 LW040	●
S32S EDUNR/L 15	32	30	250	22	40								●
S40T EDUNR/L 15	40	38	300	27	50								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



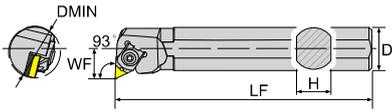
The Picture is Right Hand Holder

E-Type Boring Bar
EDQN Series

Description	Dimensions (mm)					Insert	Shim	Shim Screw	Clamp	Screw	Clasp	Wrench	Stock
	D	H	LF	WF	DMIN								
S25R EDQNR/L 15	25	23	200	17	32	DN□□ 1504□□	SMD-463	LD-1	DN15	CS80	C-6	LW030 LW040	●
S32S EDQNR/L 15	32	30	250	22	40								●
S40T EDQNR/L 15	40	38	300	27	50								●
S25R EDQNR/L 15	25	23	200	17	32	DN□□ 1506□□	SMD-466	LW-4	DN15	CS80	C-6	LW030 LW040	●
S32S EDQNR/L 15	32	30	250	22	40								●
S40T EDQNR/L 15	40	38	300	27	50								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



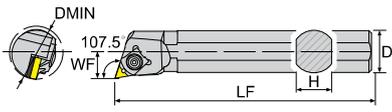
The Picture is Right Hand Holder

E-Type Boring Bar
ETUN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S25R ETUNR/L 16	25	25	200	17	32	TN□□ 1604□□	SMT-322	LT-2	TN16	CS80	C-6	LW025 LW040	●
S32S ETUNR/L 16	32	30	250	22	40			LT-4					●
S40T ETUNR/L 16	40	37	300	27	50			LT-3					●
S50U ETUNR/L 16	50	47	350	35	63								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



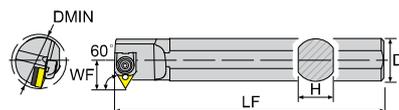
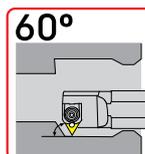
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E-Type Boring Bar
ETQN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S25R ETQNR/L 16	25	25	200	17	32	TN□□ 1604□□	SMT-322	LT-2	TN16	CS80	C-6	LW025 LW040	●
S32S ETQNR/L 16	32	30	250	22	40			LT-4					●
S40T ETQNR/L 16	40	37	300	27	50			LT-3					●
S50U ETQNR/L 16	50	47	350	35	63								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



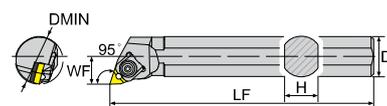
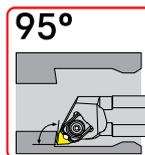
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E-Type Boring Bar ET-N Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S25R ET-NR/L 16	25	25	200	17	32	TN□□ 1604□□	SMT-322	LT-2	TN16	CS80	C-6	LW025 LW040	●
S32S ET-NR/L 16	32	30	250	22	40			LT-4					●
S40T ET-NR/L 16	40	37	300	27	50			LT-3					●
S50U ET-NR/L 16	50	47	350	35	63								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



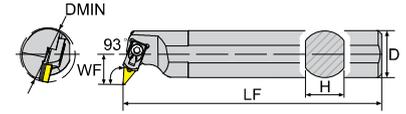
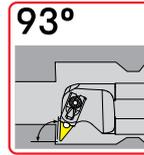
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E-Type Boring Bar EWLN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S20R EWLNR/L 06	20	18	200	13	25	WN□□ 0604□□	-	LT-2	WN06	CS60E	C-5	LW025 LW030	●
S25R EWLNR/L 06	25	25	200	17	32								●
S32S EWLNR/L 06	32	30	250	22	40								●
S25R EWLNR/L 08	25	25	200	17	32	WN□□ 0804□□	SMW-422	LW-3	WN08	CS60E	C-5	LW030 LW040	●
S32S EWLNR/L 08	32	30	250	22	40								●

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



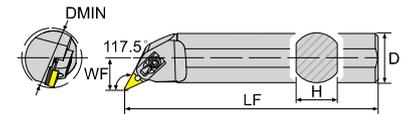
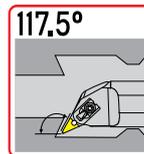
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E-Type Boring Bar
EVUN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S25R EVUNR/L 16	25	23	200	17	32	VN□□ 1604□□	SMV-322	LT-2	VN16	CS60E	C-5	LW025 LW030	●
S32S EVUNR/L 16	32	30	250	22	40								○

● - Always Stock Available ○ - Make to Order

Clamping Type
E-Type



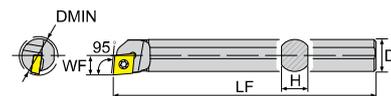
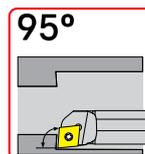
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E-Type Boring Bar
EVQN Series

Description	Dimensions (mm)					Insert 	Shim 	Shim Screw 	Clamp 	Screw 	Clasp 	Wrench 	Stock
	D	H	LF	WF	DMIN								
S25R EVQNR/L 16	25	23	200	17	30	VN□□ 1604□□	SMV-322	LT-2	VN16	CS60E	C-5	LW025 LW030	●
S32S EVQNR/L 16	32	30	250	23	38								○

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



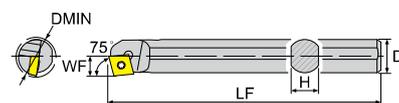
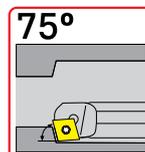
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S-Type Boring Bar SCLC Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S08H SCLCR/L 06	8	7	100	5	9.5	CC□□ 0602□□	CS25	T-8	●
S10K SCLCR/L 06	10	9	125	6	11.5				●
S12M SCLCR/L 06	12	11	150	8	14.5				●
S12M SCLCR/L 09	12	11	150	7.5	15	CC□□ 09T3□□	CS40	T-15	●
S16Q SCLCR/L 09	16	15	180	9	17.5				●
S20R SCLCR/L 09	20	19	200	11	21.5				●
S25R SCLCR/L 09	25	23	200	14	27.5				●
S32S SCLCR/L 09	32	30	250	17.5	34.5				●
S40T SCLCR/L 09	40	37	300	22	43				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



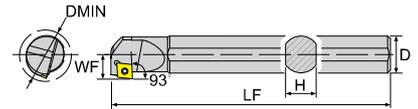
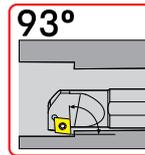
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S-Type Boring Bar SCKC Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S08H SCKCR/L 06	8	7	100	5	9.5	CC□□ 0602□□	CS25	T-8	●
S10K SCKCR/L 06	10	9	125	6	11.5				●
S12M SCKCR/L 06	12	11	150	8	14.5				●
S12M SCKCR/L 09	12	11	150	7.5	15	CC□□ 09T3□□	CS40	T-15	●
S16Q SCKCR/L 09	16	15	180	9	17.5				●
S20R SCKCR/L 09	20	19	200	11	21.5				●
S25R SCKCR/L 09	25	23	200	14	27.5				●
S32S SCKCR/L 09	32	30	250	17.5	34.5				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



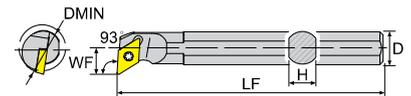
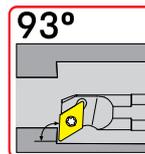
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S-Type Boring Bar **SCZC Series**

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S12M SCZCR/L 06	12	11	150	9	17	CC□□ 0602□□	CS25	T-8	●
S16Q SCZCR/L 09	16	15	180	11	21	CC□□	CS40	T-15	●
S20R SCZCR/L 09	20	18	200	13	25	09T3□□			●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



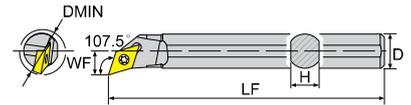
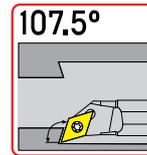
The Picture is Right Hand Holder

S-Type Boring Bar **SDUC Series**

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S10K SDUCR/L 07	10	9	125	7	14	DC□□ 0702□□	CS25	T-8	●
S12M SDUCR/L 07	12	11	150	9	16				●
S16Q SDUCR/L 11	16	15	180	11	19	DC□□ 11T3□□	CS35	T-15	●
S20R SDUCR/L 11	20	18	200	13	25				●
S25R SDUCR/L 11	25	23	200	17	32				●
S32S SDUCR/L 11	32	30	250	22	40				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



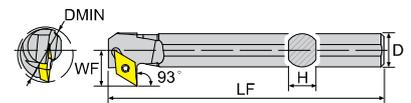
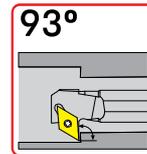
The Picture is Right Hand Holder

S-Type Boring Bar SDQC Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S10K SDQCR/L 07	10	9	125	7	14	DC□□ 0702□□	CS25	T-8	●
S12M SDQCR/L 07	12	11	150	9	16				●
S16Q SDQCR/L 11	16	15	180	11	19	DC□□ 11T3□□	CS35	T-15	●
S20R SDQCR/L 11	20	18	200	13	25				●
S25R SDQCR/L 11	25	23	200	17	32				●
S32S SDQCR/L 11	32	30	250	22	40				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



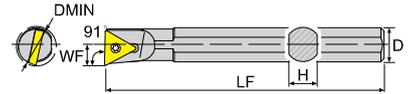
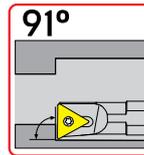
The Picture is Right Hand Holder

S-Type Boring Bar SDZC Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S12M SDZCR/L 07	12	11	150	9	17	DC□□ 0702□□	CS25	T-8	●
S16Q SDZCR/L 11	16	15	180	11	21	DC□□ 11T3□□	CS35	T-15	●
S20R SDZCR/L 11	20	18	200	13	25				●
S25R SDZCR/L 11	25	23	200	17	32				●
S32S SDZCR/L 11	32	31	250	21	36				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



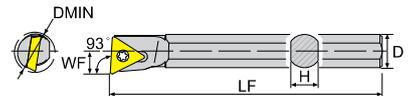
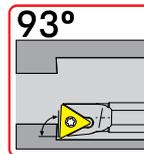
The Picture is Right Hand Holder

S-Type Boring Bar STFC Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S10K STFCR/L 09	10	9	125	7	13	TC□□ 0902□□	CS22	T-7	●
S12M STFCR/L 09	12	11	150	9	17				●
S12M STFCR/L 11	12	11	150	9	17	TC□□ 1102□□	CS25	T-8	●
S16Q STFCR/L 11	16	15	180	11	21				●
S20R STFCR/L 11	20	19	200	13	25	TC□□ 16T3□□	CS35	T-15	●
S20R STFCR/L 16	20	19	200	13	25				●
S25R STFCR/L 16	25	23	200	17	32				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



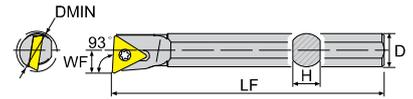
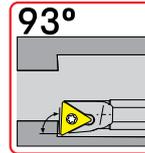
The Picture is Right Hand Holder

S-Type Boring Bar STUC Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S10K STFCR/L 09	10	9	125	7	13	TC□□ 0902□□	CS22	T-7	●
S12M STFCR/L 09	12	11	150	9	17				●
S12M STFCR/L 11	12	11	150	9	17	TC□□ 1103□□	CS25	T-8	●
S16Q STFCR/L 11	16	15	180	11	21				●
S20R STFCR/L 11	20	18	200	13	25	TC□□ 16T3□□	CS35	T-15	●
S20R STFCR/L 16	20	18	200	13	25				●
S25R STFCR/L 16	25	23	200	17	32				●
S32S STFCR/L 16	32	30	250	22	40				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



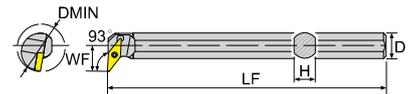
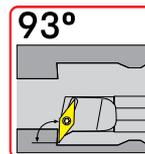
The Picture is Right Hand Holder

S-Type Boring Bar **STFN Series**

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S16Q STFN R/L 16	16	15	180	10	18.5	TNMG 16	CS35	T-15	●
S20R STFN R/L 16	20	19	200	13	23				●
S25R STFN R/L 16	25	24	200	15	28.5				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



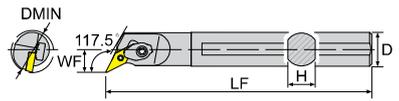
The Picture is Right Hand Holder

S-Type Boring Bar **SVUN Series**

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S16Q SVUN R/L 12	16	14	180	11	21	VNMG 12	CS30	T-10	●
S20R SVUN R/L 12	20	18	200	13	25				●
S25R SVUN R/L 12	25	23	200	17	32				●
S32S SVUN R/L 12	32	30	250	22	40				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



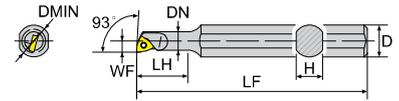
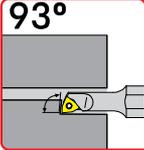
The Picture is Right Hand Holder

S-Type Boring Bar
SVQN Series

Description	Dimensions (mm)					Insert 	Screw 	Wrench 	Stock
	D	H	LF	WF	DMIN				
S16Q SVQNR/L 12	16	14	180	11	21	VNMG 12	CS30	T-10	●
S20R SVQNR/L 12	20	18	200	13	25				●
S25R SVQNR/L 12	25	23	200	17	32				●
S32S SVQNR/L 12	32	30	250	22	40				●

● - Always Stock Available ○ - Make to Order

Clamping Type
S-Type



The Picture is Right Hand Holder

S-Type Boring Bar
SWUB Series

Description	Dimensions (mm)							Insert 	Screw 	Wrench 	Stock
	D	DN	H	LF	LH	WF	DMIN				
S10H SWUBR/L 0606-15	10	5.5	9	100	15	3	6	WBMT 06	CS20	T-6	●
S10H SWUBR/L 0606-18	10	5.5	9	100	18	3	6				●
S10H SWUBR/L 0606-21	10	5.5	9	100	21	3	6				●
S10H SWUBR/L 0606-25	10	5.5	9	100	25	3	6				●

● - Always Stock Available ○ - Make to Order