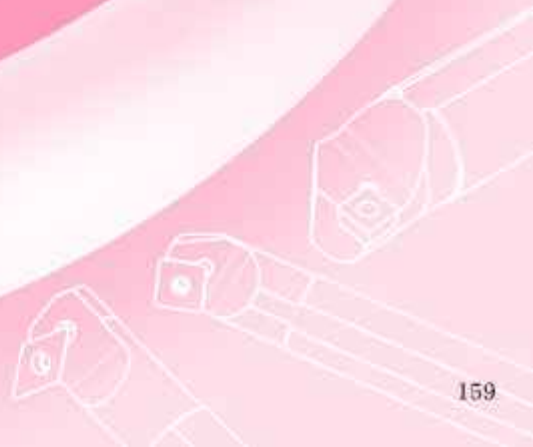


G

Boring Bar

Boring Bar Identification System	161
Steel / carbide shank applications	162
Application range by shank type	162
Shank Material Selection	162
Index of boring bar series	163-168
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Item name, Material and Specification	171-220



Boring Bar Identification System

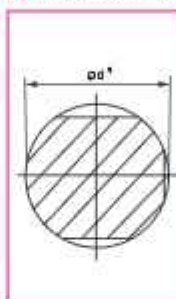
S 32 S E C L N R 12

- 1 Construction features/Type 2 Shank diameter 3 Shank length 4 Clamping system 5 Insert shape 6 Toolholder shape 7 Relief angle 8 Version 9 Cutting edge length

1 Construction features/Type

Sign	Construction features / Type
S	Steel
A	Steel(w) : Thru coolant
D	Devibrator
C	Carbide
E	Carbide(w) : Thru coolant
H	Alloy tool steel
R	Rotating head

2 Shank diameter



3 Shank length(mm)

Sign	Length	Sign	Length
H	100	S	250
J	110	T	300
K	125	U	350
M	150	V	400
N	160	W	450
Q	180	Y	500
R	200	X	Special

4 Clamping system

Top Clamping	Top & Hole Clamping	Wedge Lock Housing	Screw Clamping
C 	M 	E 	S 

5 Insert shape

Sign	Insert shape	Angle
C		80°
D		55°
V		35°
K		55°
S		90°
T		60°
W		80°

6 Toolholder Shape

Sign	Toolholder shape
L	
U	
F	
K	
Z	
Q	

7 Relief Angle

Sign	Relief Angle
B	
C	
N	
P	

8 Version

Sign	Direction
R	
L	

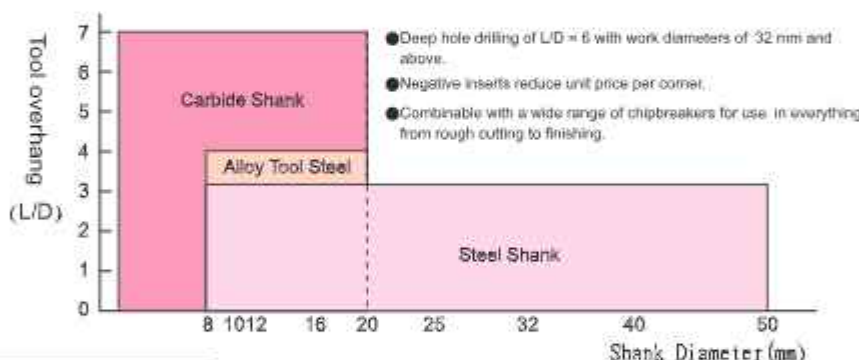
9 Cutting Edge Length

Sign	Direction
R	
S	
T	
W	

Steel / carbide shank applications

Sign	Shank Type	Drilling
A	Steel Shank With Oil Hole	
C	Carbide Shank	
S	Steel Shank	
H	Alloy Tool Steel	
-O	Alloy Tool Steel Shank With Oil Hole	

Application range by shank type



Cutting Speed $V_c = 20 \sim 200 \text{ m/min}$
 Depth of cut $a_p = 0.1 \sim 2.0 \text{ mm}$
 Feed Rate $f = 0.1 \sim 0.3 \text{ mm/rev}$

※ Actual amount of overhang may differ according to work material, tool shape, and machining conditions.

Shank Material Selection

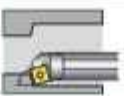
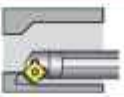
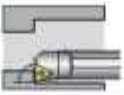
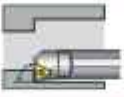
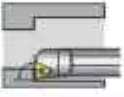
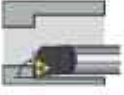
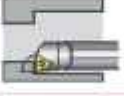
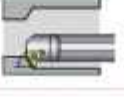
Application	Type	Steel Shank	Alloy Tool Steel	Carbide Shank
General Steel	(L/D < 3) Shallow Hole	⊙ (More economical)		
	(L/D < 3) Deep Hole			⊙
Alloy Tool Steel	(L/D < 4) Deep Hole			⊙
High efficiency boring by wiper insert			⊙	⊙
Hardened Steel				⊙
High precision boring				⊙

Index Of Boring Bar Series

Insert Type	Tool Type & Material Code	Tooling	Shank Dia (mm)	Page
 80° Diamond Type C	S-SCKC		75° Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	171
	S-SCLC		95° Ø8 Ø14 Ø20 Ø40 Ø10 Ø16 Ø25 Ø12 Ø18 Ø32	172
	A-SCLC		95° Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	172
	H-SCLC		95° Ø8 Ø16 Ø32 Ø10 Ø20 Ø40 Ø12 Ø25	173
	H-SCLC-O		95° Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	173
	C-SCLC		95° Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	173
	C-SCLC		5° Ø4 Ø5 Ø6	174
	S1000-SCLC S1200-SCLC S1600-SCLC		95° Ø8 Ø18 Ø11 Ø14	175
	H1000-SCLC H1200-SCLC H1600-SCLC		95° Ø8 Ø16 Ø10 Ø12	175
	A0000-SCLC		95° Ø8 Ø16 Ø32 Ø10 Ø20 Ø40 Ø12 Ø25	176
	S-SCZC		93° Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	177
	S-SCLP		95° Ø10 Ø16 Ø25 Ø12 Ø18 Ø14 Ø20	178
	H-SCLP		95° Ø10 Ø20 Ø12 Ø25 Ø16	178
	C-SCLP		95° Ø10 Ø20 Ø12 Ø25 Ø16	178

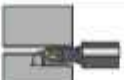
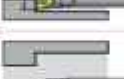
Insert Type	Tool Type & Material Code	Tooling	Shank Dia. (mm)	Page
 55° Diamond Type D	S S-SDJC		 $\varnothing 8 \quad \varnothing 16$ $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$	195
	H H-SDJC		 $\varnothing 8 \quad \varnothing 16$ $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$	179
	S S-SDUC		 $\varnothing 10 \quad \varnothing 20 \quad \varnothing 40$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16 \quad \varnothing 32$	180
	A A-SDUC		 $\varnothing 10$ $\varnothing 12$ $\varnothing 16$	180
	H H-SDUC		 $\varnothing 10 \quad \varnothing 20 \quad \varnothing 40$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16 \quad \varnothing 32$	180
	-O H-SDUC-O		 $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16$	181
	C C-SDUC		 $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16$	181
	A A0000-SDUC		 $\varnothing 10$ $\varnothing 12$ $\varnothing 16$	181
	S S-SDQC		 $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16 \quad \varnothing 32$	182
	A A-SDQC		 $\varnothing 10$ $\varnothing 12$ $\varnothing 16$	182
	H H-SDQC		 $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16 \quad \varnothing 32$	182
	-O H-SDQC-O		 $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16$	183
	C C-SDQC		 $\varnothing 10 \quad \varnothing 20$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16$	183
	A A0000-SDQC		 $\varnothing 10$ $\varnothing 12$ $\varnothing 16$	183
	S S-SDWC		 $\varnothing 12 \quad \varnothing 25$ $\varnothing 16 \quad \varnothing 32$ $\varnothing 20$	184
	S S-SDZC		 $\varnothing 10 \quad \varnothing 20 \quad \varnothing 40$ $\varnothing 12 \quad \varnothing 25$ $\varnothing 16 \quad \varnothing 32$	184


 Square
Type
S

Insert Type	Tool Type & Material Code	Tooling	Shank Dia. (mm)	Page
S	S-SSKC	 75°	Ø12 Ø25 Ø16 Ø20	185
	S-SSSC	 45°	Ø12 Ø25 Ø16 Ø32 Ø20	185
 Triangular Type T	S-STFC	 91°	Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	186
	A-STFC	 91°	Ø8 Ø16 Ø10 Ø12	186
	H-STFC	 91°	Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	186
	C-STFC	 91°	Ø8 Ø16 Ø10 Ø20 Ø12	187
	A0300-STFC	 91°	Ø7 Ø9 Ø11	187
	S-STUC	 93°	Ø8 Ø14 Ø25 Ø10 Ø16 Ø32 Ø12 Ø20	188
	H-STUC	 93°	Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	188
	C-STUC	 93°	Ø8 Ø16 Ø10 Ø20 Ø12	188
	S-STWC	 60°	Ø8 Ø16 Ø32 Ø10 Ø20 Ø40 Ø12 Ø25	189
	S1600-STUB	 93°	Ø8	190

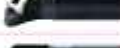
G
BORING BAR

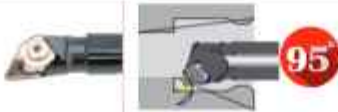
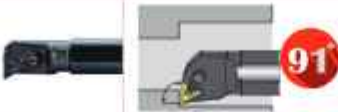
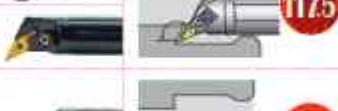
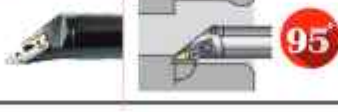
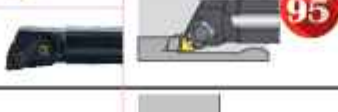
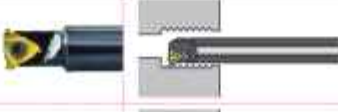
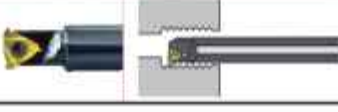
-  G
-  D
-  E
-  S
-  T
-  M
-  V
-  W
-  S
-  ER/IR

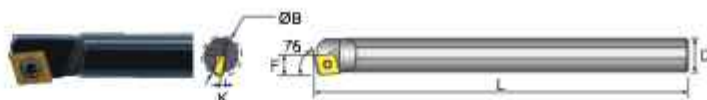
Insert Type	Tool Type & Material Code	Tooling	Shank Dia. (mm)	Page
 Triangular Type T	H H1600-STUB		93° Ø7 Ø10 Ø8 Ø9	190
	S S-STUB		3° Ø6	190
	C C-STUB		3° Ø6 Ø8	190
	S S-STUP (STUB)		93° Ø8 Ø14 Ø20 Ø10 Ø16 Ø25 Ø12 Ø18	191
	A A-STUP		93° Ø8 Ø16 Ø10 Ø20 Ø12	191
	H H-STUP		93° Ø8 Ø16 Ø10 Ø20 Ø12 Ø25	192
	O H-STUP-O		93° Ø8 Ø16 Ø10 Ø20 Ø12	192
	C C-STUP		93° Ø8 Ø16 Ø10 Ø20 Ø12	193
	S S1600-STUP		93° Ø16	193
	H H1600-STUP		93° Ø16	193
	S S-STFP		91° Ø10 Ø20 Ø12 Ø16	194
	C C-STFP		91° Ø8 Ø10 Ø12	194
	S S-STWP		60° Ø8 Ø16 Ø10 Ø20 Ø12	194

Insert Type	Tool Type & Material Code	Tooling	Shank Dia. (mm)	Page
 35° Diamond Type V	S S-SVJB		93° Ø10 Ø20 Ø40 Ø12 Ø25 Ø16 Ø32	195
	H H-SVJB		93° Ø10 Ø20 Ø12 Ø25 Ø16	195
	S-SFSVJB		93° Ø16 Ø20 Ø25	196
	S-SVUB		93° Ø16 Ø32 Ø20 Ø40 Ø25	196
	S-SVVBN		72° Ø32 Ø40	197
	S S-SVQB		117.5° Ø16 Ø32 Ø20 Ø40 Ø25	197
	 S-SVZB		93° Ø16 Ø32 Ø20 Ø40 Ø25	198
	S-SVJC		93° Ø10 Ø20 Ø40 Ø12 Ø25 Ø16 Ø32	199
	H H-SVJC		93° Ø10 Ø20 Ø12 Ø25 Ø16	199
	S-SFSVJC		93° Ø16 Ø20 Ø25	200
	S-SVUC		93° Ø16 Ø32 Ø20 Ø40 Ø25	200
	S S-SVVCN		72° Ø32 Ø40	201
 Hexagon Type W	S S-SVQC		117.5° Ø16 Ø32 Ø20 Ø25	201
	 S-SVZC		93° Ø16 Ø32 Ø20 Ø40 Ø25	202
	S S1000-SWUB		93° Ø10 Ø12 Ø16	203
	C C-SWUB		5° Ø5 Ø6 Ø7	203
	S C-SWLC		95° Ø8 Ø16 Ø10 Ø20 Ø12	204

Index Of Double Insert Clamp Boring Bar Series

Insert Type	Tool Type & Material Code	Tooling	Shank Dia (mm)	Page
 60° Diamond Type C	S-ECKN		E Ø32 Ø50 Ø40	205
	S-MCKN		M Ø20 Ø32 Ø50 Ø25 Ø40	
	S-ECLN		E Ø32 Ø50 Ø63 Ø40 Ø60	206
	S-MCLN		M Ø16 Ø25 Ø40 Ø20 Ø32 Ø50	
 55° Diamond Type D	S-EDQN		E Ø40 Ø50	207
	S-MDQN		M Ø25 Ø40 Ø32 Ø50	
	S-EDUN		E Ø40 Ø50	208
	S-MDUN		M Ø25 Ø40 Ø32 Ø50	
	S-MDZN		Ø32 Ø40 Ø50	208
 Square Type S	S-MSKN		Ø20 Ø25 Ø32 Ø40 Ø50	209
 Triangular Type T	S-ETUN		Ø25 Ø63 Ø32 Ø40 Ø50 Ø60	210
	S-MTUN		Ø16 Ø50 Ø20 Ø25 Ø32 Ø40	211

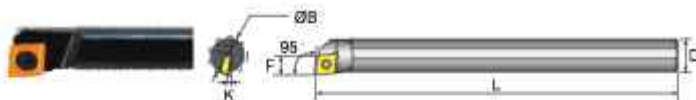
Insert Type	Tool Type & Material Code	Tooling	Shank Dia. (mm)	Page
 Triangular Type T	S-ETLN	 95°	Ø20 Ø25	212
	S-MTFN	 91°	Ø20 Ø50 Ø25 Ø32 Ø40	212
	S-ETQN	 105°	E Ø20 Ø32 Ø50 Ø25 Ø40	213
	S-MTQN		M Ø20 Ø32 Ø50 Ø25 Ø40	
	S-MTWN	 60°	Ø16 Ø40 Ø20 Ø50 Ø25 Ø32	214
 35° Diamond Type V	S-EVUN	 93°	E Ø40 Ø50	215
	S-MVUN		M Ø25 Ø40 Ø32 Ø50	
	S-EVQN	 117.5°	E Ø40 Ø50	216
	S-MVQN		M Ø25 Ø40 Ø32 Ø50	
	S-EVLN S-MVLN	 95°	E Ø40 Ø50 M Ø25 Ø40 Ø32 Ø50	217
 Hexagon Type W	S-EWLN	 95°	E Ø20 Ø32 Ø50 Ø25 Ø40	218
	S-MWLN		M Ø16 Ø32 Ø50 Ø20 Ø40	
 External Hohlner ER / IR	S SIN		Ø10 Ø20 Ø12 Ø25 Ø16 Ø32	219
	C CIN		Ø10 Ø12 Ø16	220



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S08K-SCKCR/L06-10	●	●	10	8	5	15	125	CC□□ 08C2□□	CS25C48	T-8	
	S10K-SCKCR/L06-12	●	●	12	10	6	13	125				
	S12M-SCKCR/L06-14	●	●	14	12	8	10	150				
	S16Q-SCKCR/L06-18	●	●	18	16	10	7	180				
	S12M-SCKGR/L09-16	●	●	16	12	8	12	150	CC□□ 09T3□□	CS36	T-16	
	S16Q-SCKGR/L09-18	●	●	18	16	9	7	180				
	S20R-SCKCR/L09-22	●	●	22	20	11	8	200				
	S25R-SCKCR/L09	●	●	31	25	14	8	200				

●Insert Detail - CC□□08C2□□ - CC□□09T3□□→Ref. Page-1

●Sleeve refer Page-310~314



		Stock		Min. Bore Dia					Insert	Screw	Wrench	Price
Shank	Model No	R	L	ØB	D	F	K	L				
S	S08K-SCLCR/L06-09	●	●	9	8	4.5	15	125	 CS25048	 CS25048	 T-6	
	S08K-SCLCR/L06-10	●	●	10	8	5.5	9	125				
	S10K-SCLCR/L06-12	●	●	12	10	6	12	125				
	S12M-SCLCR/L06-14	●	●	14	12	7	12	150				
	S16Q-SCLCR/L06-18	●	●	16	16	9	7	180	 CS35	 CS35	 T-16	
	S12M-SCLCR/L09-14	●	●	14	12	7	7	150				
	S12M-SCLCR/L09-16	●	●	16	12	8.5	13	150				
	S14M-SCLCR/L09-16	●	●	16	14	8	7	150				
	S16Q-SCLCR/L09-18	●	●	18	16	9	9	180				
	S18Q-SCLCR/L09-20	●	●	20	18	10	7	180				
	S20R-SCLCR/L09-22	●	●	22	20	11	10	200				
	S25R-SCLCR/L09	●	●	32	25	17	7	200				
	S32S-SCLCR/L09	●	●	39	32	18	6	250				
	S40T-SCLCR/L09	●	●	42	40	22	4	300				
	S20R-SCLCR/L12-22	●	●	22	20	12	8	200	 CS45	 CS45	 T-16	
	S25R-SCLCR/L12	●	●	32	25	14	8	200				
	S32S-SCLCR/L12	●	●	39	32	18	6	250				
	S40T-SCLCR/L12	●	●	44	40	22	4	300				
A	A08K-SCLCR/L06-10	●	●	10	8	5.5	9	125	 CS25048	 CS25048	 T-6	
	A10K-SCLCR/L06-12	●	●	12	10	6	12	125				
	A12M-SCLCR/L06-14	●	●	14	12	7	12	150	 CS25			
	A16Q-SCLCR/L09-18	●	●	18	16	9	9	180	 CS35	 CS35	 T-16	

※ Continued on next page.

		Stock		Min.					Insert	Screw	Wrench	Price
Shank	Model No.	R	L	Bore Die ØB	D	F	X	L				
A	A20R-SCLCR/L09-22	●	●	22	20	11	10	200	CC□□ 09T3□□	CS35	T-15	
	A25R-SCLCR/L09	●	●	32	25	17	7	200				
H	H08K-SCLCR/L06-09	●	●	9	8	4.5	15	125	CC□□ 0802□□	CS25048	T-8	
	H08K-SCLCR/L06-10	●	●	10	8	5.5	12	125				
	H10K-SCLCR/L06-12	●	●	12	10	6	12	125		CS25		
	H12M-SCLCR/L06-14	●	●	14	12	7	6	150				
	H16Q-SCLCR/L06-18	●	●	16	16	9	7	180	CC□□ 09T3□□	CS35	T-15	
	H16Q-SCLCR/L09-18	●	●	18	16	9	9	180				
	H12M-SCLCR/L09-16	●	●	16	12	8.5	13	150				
	H20R-SCLCR/L09-22	●	●	22	20	11	10	200				
	H25R-SCLCR/L09	●	●	32	25	17	7	200				
	H25R-SCLCR/L09-28	●	●	32	25	14	7	200				
	H32S-SCLCR/L09	●	●	39	32	18	6	250				
	H40T-SCLCR/L09	●	●	44	4	22	4	300				
-O	H08K-SCLCR/L06-10-O	●	●	10	8	5.5	9	125	CC□□ 0802□□	CS25048	T-8	
	H10K-SCLCR/L06-12-O	●	●	12	10	6	12	125				
	H12M-SCLCR/L06-14-O	●	●	14	12	7	6	150		CS35		T-15
	H12M-SCLCR09-16-O	●	●	16	12	8.5	13	150				
	H16Q-SCLCR/L09-18-O	●	●	18	16	9	9	180				
	H20R-SCLCR/L09-22-O	●	●	22	20	11	5	200				
	H25R-SCLCR/L09-O	●	●	32	25	17	7	200				
C	C08K-SCLCR06-09	●	●	9	8	4.3	13	125	CC□□ 0802□□	CS25048	T-8	
	C08K-SCLCR/L06-10	●	●	10	8	5.5	9	125				
	C10M-SCLCR/L06-12	●	●	12	10	6	12	150		CS25		
	C12Q-SCLCR/L06-14	●	●	14	12	7	12	180				
	C12Q-SCLCR/L09-16	●	●	16	12	7	6	180	CC□□ 09T3□□	CS35	T-15	
	C16R-SCLCR/L09-18	●	●	18	16	9	9	200				
	C20S-SCLCR/L09-22	●	●	22	20	11	10	250				
	C25T-SCLCR/L09	●	●	32	25	17	7	300				

●Insert Detail : CC□□0804□□ - CC□□09T3□□ - CC□□1204□□→Ref. Page-1

●Sleeve refer Page-310~314

Boring Bar

G

ER/HR
S

CC

E

0

5

T

M

V

W

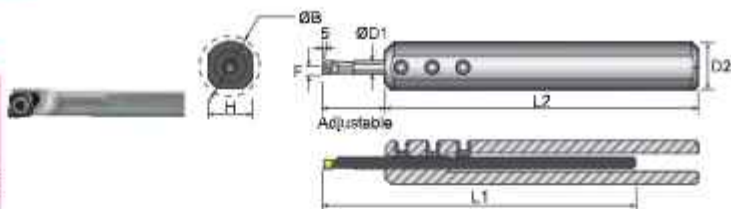
ER/HR

S

ER/HR

ER/HR

SCLC Bring Bar Right Hand Shaw



Shank	Model No.	Stock		Min. Bore Dia.		D2	F	H	L1	L2	Insert	Screw	Wrench	Price
		R	L	ØB	ØD1									
C	C04G-SCLCR/L03-05	●	●	5	4	16	2.5	15	90	100	CC□□ 0301□□	CS25	T-8	
	C05H-SCLCR/L03-06	●	●	6	5	16	3	15	100	100	CC□□ 0401□□	CS35	T-10	
	C06J-SCLCR/L04-07	●	●	7	6	16	3.5	15	100	100	CC□□ 0401□□	CS35	T-10	

●Insert Detail : CC□□0301□□・CC□□0401□□→Ref. Page・X・156

●Sleeve refer Page-310~314



Shank	Model No	Stock		Min. Bore Dia	ØB	D	F	H	L	L1	Insert	Screw	Wrench	Price
		R	L											
S	S0807K-SCLCR/L08	●		8	8	4	7	125	27		CC□□ 0802□□	CS25C48	T-8	
	S1004K-SCLCR/L03	●		5	10	2.4	10	125	12		CC□□ 0301□□	CS18	T-6	
	S1204H-SCLCR/L03	●		5	12	2.5	11	100	9		CC□□ 0401□□	CS22	T-7	
	S1206K-SCLCR/L04	●		7	12	3.5	11	125	15		CC□□ 0401□□	CS22	T-7	
	S1607K-SCLCR/L06-08	●		8	16	4	15	125	15		CC□□ 0802□□	CS25	T-8	
	S1608K-SCLCR/L06-09	●		9	16	4.5	15	125	15					
	S1609K-SCLCR/L06-10	●	●	10	16	5	15	125	15					
	S1610K-SCLCR/L06-12	●	●	12	16	6	15	125	15					
H	H1004K-SCLCR/L03	●	●	5	10	2.4	9	125	18		CC□□ 0301□□	CS18	T-6	
	H1204H-SCLCR/L03	●		5	12	2.5	11	100	8		CC□□ 0401□□	CS22	T-7	
	H1206K-SCLCR/L04	●		7	12	3.5	11	125	14		CC□□ 0802□□	CS25	T-8	
	H1607K-SCLCR/L06-08	●		8	16	4	15	125	15					
	H1608K-SCLCR/L06-09	●		9	16	4.5	15	125	15					
	H1609K-SCLCR/L06-10	●		10	16	5	15	125	15					
	H1610K-SCLCR/L06-12	●		12	16	6	15	125	15					
	C0807K-SCLCR/L06-08	●		8	8	4	7.4	125	27					

●Insert Detail : CC□□0802□□→Ref. Page-1

●Sleeve refer Page-310~314

SET-SCLC

 Min Boring Bar
 Right Hand Drive

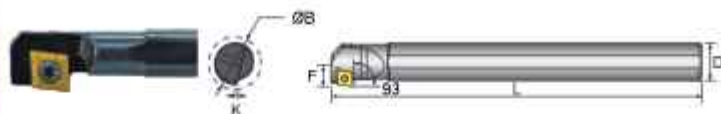

		Stock		Min. Bore Dia.								Insert	Screw	Wrench	Price
Shank	Model No.	R	L	ØB	ØD	D	d	F	H	L	L1				
A	A0608H-SCLCR/L06	●	●	8		8	6	4	7	100	25		CS25	T-6	
	A0810J-SCLCR/L06	●	●	12		10	8	6	9	110	32				
	A1012K-SCLCR/L06	●	●	14		12	10	7	11	125	38				
	A1216M-SCLCR/L06	●	●	18		16	12	9	15	150	50				
	A0816SET-SCLCR/L	●	●	A0608H-SCLCR06*1 A0810J-SCLCR06*1					A1012K-SCLCR06*1 A1216M-SCLCR/L06*1					CS25048*1 CS25*5 T-8*1	

● Insert Detail : CC□□06C2□□ → Ref. Page-1

● Sleeve refer Page-310~314

Mini Boring Bar

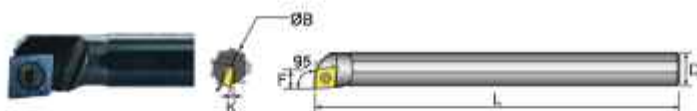
 G
 BORING BAR

		Stock		Min. Bore Dia					Insert	Screw	Wrench	Price
Shank	Model No	R	L	ØB	D	F	K	L				
S	S08K-SCZCR/L06	●	●	12	8	6.5	13	125	 CC□□ 0602□□	CS25048		
	S10K-SCZCR/L06	●	●	14	10	7.5	12	125		CS25		T-8
	S12M-SCZCR/L06	●	●	16	12	8.5	10	150				
	S16Q-SCZCR/L09	●	●	21	16	11.5	10	180	 CC□□ 09T3□□	CS35	T-15	
	S20R-SCZCR/L09	●	●	25	20	13.5	8	200				
	S25R-SCZCR/L09	●	●	32	25	16	6	200				

● Insert Detail : CC□□0602□□ - CC□□09T3□□→Ref. Page-1

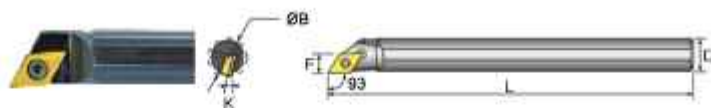
● Sleeve refer Page-310~314



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S10K-SCLPR/L08-12	●	●	12	10	6	10	125	CP□□ 0902□□	CS30	T-10	
	S12M-SCLPR/L08-14	●	●	14	12	7	8	150				
	S12M-SCLPR/L09-14			14	12	7	8	150				
	S12M-SCLPR/L09-16	●	●	16	12	8.5	6	150				
	S14M-SCLPR/L09-16	●	●	16	14	8.5	9	150				
	S16Q-SCLPR/L09-18	●	●	18	16	9	9	180		CS36	T-15	
	S18Q-SCLPR/L09-20	●	●	20	18	10	8	180				
	S20R-SCLPR/L09-22	●	●	22	20	11	7	200				
	S25R-SCLPR/L09	●	●	32	25	17	7	200				
H	H10K-SCLPR/L08-12			12	10	6	7	125	CP□□ 0902□□	CS30	T-10	
	H12M-SCLPR/L08-14			14	12	7	6	150				
	H12M-SCLPR/L09-16			16	12	8.5	6	150				
	H16Q-SCLPR/L09-18			18	16	9	4	180		CS36	T-15	
	H20R-SCLPR/L09-22			22	20	11	4	200				
	H25R-SCLPR/L09-28			32	25	14	4	200				
C	C10M-SCLPR/L08-12			12	10	6	7	150	CP□□ 0902□□	CS30	T-10	
	C12Q-SCLPR/L08-14			14	12	7	6	180				
	C12Q-SCLPR/L09-16			16	12	8	6	180				
	C16R-SCLPR/L09-18			18	16	9	4	200		CS36	T-15	
	C20S-SCLPR/L09-22			22	20	11	4	250				
	C25T-SCLPR/L09			32	25	17	4	300				

● Insert Detail : CP□□0903□□ → Ref. Page - K

● Sleeve refer Page-310~314



		Stock		Min. Bore Dia					Insert	Screw	Wrench	Price	
Shank	Model No	R	L	ØB	D	F	K	L					
S	S08K-SDJCR/L07	●	●	10	8	5	10	125	 DC□□ 0702□□	CS25048	T-8		
	S10K-SDJCR/L07	●	●	12	10	6	13	125		CS25			
	S12M-SDJCR/L07	●	●	14	12	7	12	150					
	S16Q-SDJCR/L07	●	●	19	16	9	12	180	 DC□□ 11T3□□	CS36	T-16		
	S16Q-SDJCR/L11	●	●	19	16	9	12	180					
	S20R-SDJCR/L11	●	●	24	20	10.5	10	200					
	S25R-SDJCR/L11	●	●	30	25	13.5	8	200					
H	H08K-SDJCR/L07	●		10	8	5	10	125	 DC□□ 0702□□	CS25048	T-8		
	H10K-SDJCR/L07	●		12	10	6	13	125		CS25			
	H12M-SDJCR/L07	●		14	12	7	12	150					
	H16Q-SDJCR/L07	●		19	16	9	12	180	 DC□□ 11T3□□	CS36	T-16		
	H16Q-SDJCR/L11	●		19	16	9	12	180					
	H20R-SDJCR/L11	●		24	20	10.5	10	200					
	H25R-SDJCR/L11	●		30	25	13.5	8	200					

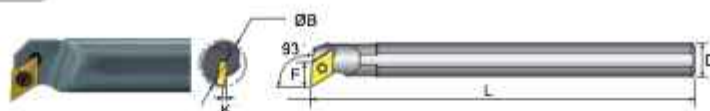
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● Sleeve refer Page-310-314

SDUC

Boring Bar
Right Hand Groove

See Specification Actual



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S10K-SDUCR/L07	●	●	14	10	8	9	125	DC□□ 0712□□	CS25	T-8	
	S12M-SDUCR/L07	●	●	16	12	9	8	150				
	S16Q-SDUCR/L07	●	●	20	16	11	6	180				
	S16Q-SDUCR/L11	●	●	20	16	11	6	180				
	S20R-SDUCR/L11	●	●	25	20	13	8	200	DC□□ 11T9□□	CS35	T-15	
	S25R-SDUCR/L11	●	●	32	25	17	6	200				
	S32S-SDUCR/L11	●	●	39	32	20	4	250				
	S40T-SDUCR/L11	●	●	45	40	24	2	300				
	S50U-SDUCR/L11	●	●	64	50	32	6	350				
A	A10K-SDUCR/L07	●		14	10	8	9	125	DC□□ 0712□□	CS25	T-8	
	A12M-SDUCR/L07	●	●	16	12	9	8	150				
	A16Q-SDUCR/L07	●		20	16	11	6	180				
	A16Q-SDUCR/L11	●		20	16	11	6	180	DC□□ 11T9□□	CS35	T-15	
	A20R-SDUCR/L11	●		25	20	13	8	200				
	 A25R-SDUCR/L11	●	●	32	25	17	6	200				
H	H10K-SDUCR/L07	●	●	14	10	8	9	125	DC□□ 0712□□	CS25	T-8	
	H12M-SDUCR/L07	●	●	16	12	9	8	150				
	H16Q-SDUCR/L07	●	●	20	16	11	6	180				
	H16Q-SDUCR/L11	●		20	16	11	6	180				
	H20R-SDUCR/L11	●		25	20	13	8	200	DC□□ 11T9□□	CS35	T-15	
	H25R-SDUCR/L11	●		32	25	17	6	200				
	H32S-SDUCR/L11	●		39	32	20	4	250				
	H40T-SDUCR/L11	●		45	40	24	2	300				

※ Continued on next page.

Shank	Model No.	Stock		Min. Bore Dia.	D	F	X	L	Insert	Screw	Wrench	Price
		R	L	ØB								
-O	H10K-SDUCR/L07-O	●		14	10	8	9	125	DC□□ 0702□□	CS25	T-8	
	H12M-SDUCR/L07-O	●		16	12	9	8	150				
	H16Q-SDUCR/L07-O	●		20	16	11	6	180				
	H16Q-SDUCR/L11-O	●		20	16	11	6	180	DC□□ 11T3□□	CS35	T-15	
	H20R-SDUCR/L11-O	●		25	20	13	8	200				
	H25R-SDUCR/L11-O	●		32	25	17	6	200				
C	C10M-SDUCR/L07	●		14	10	8	9	150	DC□□ 0702□□	CS25	T-8	
	C12Q-SDUCR/L07	●	●	16	12	9	8	180				
	C16R-SDUCR/L07	●	●	20	16	11	6	200				
	C20S-SDUCR/L11	●	●	25	20	13	8	250	DC□□ 11T3□□	CS35	T-15	
	C25T-SDUCR/L11	●		32	25	17	6	300				

●Insert Detail : DC□□0702□□ - DC□□11T3□□→Ref. Page-L

●Sleeve refer Page-310~314

SET-SDUC

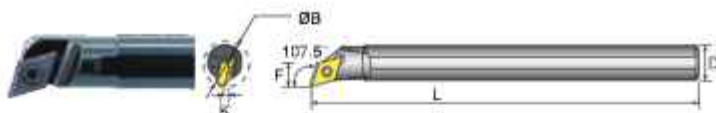
Mini Boring Bar
Right Hand Shave



		Stock		Min. Bore Dia.								Insert	Screw	Wrench	Price	
Shank	Model No	R	L	ØB	ØD	D	d	F	H	L	L1					
A	A0810J-SDUCR/L07	●	●	12.5		10	8	5	9	110	22		CS25	T-6		
	A1012K-SDUCR/L07	●	●	15.5		12	10	9	11	125	28					
	A1216M-SDUCR/L07	●	●	19.5		16	12	5	15	150	36					
	A1016SET-SDUCR/L	●	●	A0810J-SDUCR07*1 A1012K-SDUCR07*1				A1216M-SDUCR07*1 CS25048*1				CS25*5 T-8*1				

●Insert Detail : DC□□0702□□→Ref. Page-L

●Sleeve refer Page-310~314



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S10K-SDQCR/L07	●	●	13	10	7	10	125	DC□□ 0702□□	CS25	T-8	
	S12M-SDQCR/L07	●	●	16	12	9	8	150				
	S16Q-SDQCR/L07	●	●	20	16	11	5	180				
	S16Q-SDQCR/L11	●	●	20	16	11	6	180				
	S20R-SDQCR/L11	●	●	25	20	13	8	200	DC□□ 1173□□	CS36	T-16	
	S25R-SDQCR/L11	●	●	32	25	17	4	200				
	S32S-SDQCR/L11	●	●	39	32	20	4	250				
	S40T-SDQCR/L11			44	40	23	2	300				
A	A10K-SDQCR/L07	●		13	10	7	9	125	DC□□ 0702□□	CS25	T-8	
	A12M-SDQCR/L07	●		16	12	9	8	150				
	A16Q-SDQCR/L07	●		20	16	11	5	180				
	A16Q-SDQCR/L11	●	●	20	16	11	6	180	DC□□ 1173□□	CS35	T-15	
H	H10K-SDQCR/L07	●	●	13	10	7	10	125	DC□□ 0703□□	CS25	T-8	
	H12M-SDQCR/L07	●	●	16	12	9	8	150				
	H16Q-SDQCR/L07	●	●	20	16	11	6	180				
	H16Q-SDQCR/L11	●		20	16	11	6	180				
	H20R-SDQCR/L11	●		25	20	13	8	200	DC□□ 1173□□	CS36	T-16	
	H25R-SDQCR/L11	●		32	25	17	4	200				
	H32S-SDQCR/L11			37	32	20	4	250				

※ Continued on next page

Shank	Model No	Stock		Min. Bore Dia	D	F	X	L	Insert	Screw	Wrench	Price
		R	L	ØB								
-O	H10K-SDQCR/L07-O	●		13	10	7	10	125	DC□□ 0702□□	CS25	T-6	
	H12M-SDQCR/L07-O	●		16	12	9	8	150				
	H16Q-SDQCR/L07-O	●		20	16	11	6	180				
	H16Q-SDQCR/L11-O	●		20	16	11	6	180	DC□□ 11T3□□	CS35	T-15	
	H20R-SDQCR/L11-O	●		25	20	13	8	200				
	H25R-SDQCR/L11-O	●		32	25	17	4	200				
C	C10M-SDQCR/L07	●		13	10	7	10	150	DC□□ 11T3□□	CS35	T-15	
	C12Q-SDQCR/L07	●	●	16	12	9	8	180				
	C16R-SDQCR/L07	●	●	20	16	11	6	200				
	C16R-SDQCR/L11	●	●	20	16	11	6	200	DC□□ 11T3□□	CS35	T-15	
	C20S-SDQCR/L11	●		25	20	13	8	250				
	S25T-SDQCR/L11			32	25	17	4	300				

●Insert Detail : DC□□0702□□ → Ref. Page-L

●Sleeve refer Page-310~314

SET-SDQC

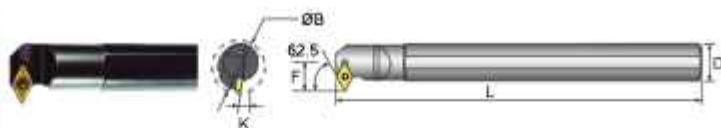
With Booring Bar
Right Hand Shank


		Stock		Min. Bore Dia								Insert	Screw	Wrench	Price
Shank	Model No	R	L	ØB	ØD	D	d	F	H	L	L1				
A	A0810J-SDQCR/L07	●	●	14	10	8	7	9	110	22		CS25	T-6		
	A1012K-SDQCR/L07	●	●	16	12	10	9	11	125	28					
	A1216M-SDQCR/L07	●	●	22	16	12	11	15	150	36					
	A1016SET-SDQCR/L	●	●	A0810J-SDQCR07*1 A1012K-SDQCR07*1					A1216M-SDQCR07*1			CS25*6 T-6*1			

●Insert Detail : DC□□0702□□ → Ref. Page-L

●Sleeve refer Page-310~314

SDWC Boring Bar Right hand flute

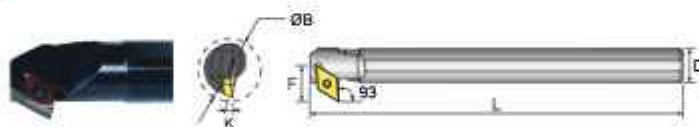


Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S12M-SDWCR/L07	●	●	19	12	10.5	10	150	DC□□ 0702□□	CS25	T-8	
	S16Q-SDWCR/L07	●	●	23	16	12.5	8	180				
	S20R-SDWCR/L07	●	●	27	20	14.5	6	200				
	S20R-SDWCR/L11	●	●	27	20	14.5	6	200	DC□□ 11T3□□	CS36	T-16	
	S25R-SDWCR/L11	●	●	32	25	17	4	200				
	S32S-SDWCR/L11	●	●	40	32	20	2	250				

● Insert Detail : DC□□0702□□・DC□□11T3□□→Ref. Page-L

● Sleeve refer Page-310~314

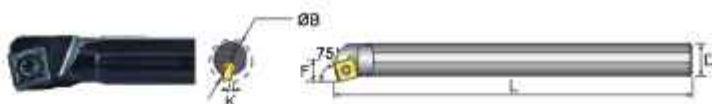
SDZC Boring Bar Right hand flute



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S10K-SDZCR/L07	●	●	15	10	8.5	12	125	DC□□ 0702□□	CS25	T-8	
	S12M-SDZCR/L07	●	●	17	12	10.5	9	150				
	S16Q-SDZCR/L07	●	●	21	16	12.5	8	180				
	S20R-SDZCR/L11	●	●	26	20	16.5	8	200	DC□□ 11T3□□	CS36	T-16	
	S25R-SDZCR/L11	●	●	32	25	19	6	200				
	S32S-SDZCR/L11	●	●	39	32	22.5	4	250				
	S40T-SDZCR/L11	●	●	47	40	26.5	4	300				

● Insert Detail : DC□□0702□□・DC□□11T3□□→Ref. Page-L

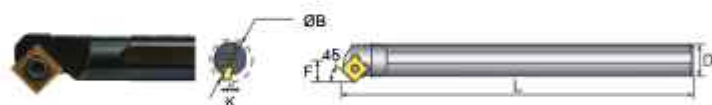
● Sleeve refer Page-310~314



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert 	Screw 	Wrench 	Price
		R	L									
S	S12M-SSKCR/L09	●	●	14	12	8.5	13	150	SC□□ 09T3□□	CS35	T-15	
	S16N-SSKCR/L09	●	●	20	16	10.5	9	160				
	S16Q-SSKCR/L09	●	●	20	16	10.5	9	180				
	S20R-SSKCR/L09	●	●	24	20	12.5	10	200				
	S25R-SSKCR/L09	●	●	29	25	15	7	200				

● Insert Detail : SC□□09T3□□ → Ref. Page-P

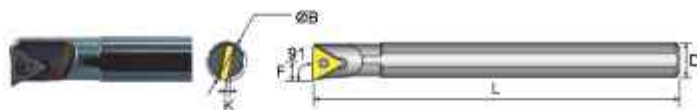
● Sleeve refer Page-310~314



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert 	Screw 	Wrench 	Price
		R	L									
S	S12M-SSSCR/L09	●	●	16	12	9.5	12	150	SC□□ 09T3□□	CS35	T-15	
	S16Q-SSSCR/L09	●	●	22	16	12.5	10	180				
	S20R-SSSCR/L09	●	●	26	20	14.5	8	200				
	S25R-SSSCR/L09	●	●	31	25	17	6	200				
	S32S-SSSCR/09	●	●	37	32	20.5	4	250				

● Insert Detail : SC□□09T3□□ → Ref. Page-P

● Sleeve refer Page-310~314



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S08K-STFCR/L09-10	●	●	10	8	5.5	12	125	TC□□ 0902□□	CS22	T-7	
	S10K-STFCR/L09-12	●	●	12	10	6	15	125				
	S12M-STFCR/L09-14	●	●	14	12	7	10	150				
	S10K-STFCR/L11-12	●	●	12	10	6	12	125				
	S12M-STFCR/L11-14	●	●	14	12	7	10	150	TC□□ 1102□□	CS25	T-8	
	S16Q-STFCR/L11-18	●	●	18	16	9	6	180				
	S20R-STFCR/L11-22	●	●	22	20	11	3	200				
	S20R-STFCR/L16-22	●	●	22	20	11	3	200				
	S25R-STFCR/L16	●	●	32	25	16	2	200	TC□□ 1673□□	CS35	T-15	
A	A08K-STFCR/L09-10	●		10	8	5.5	12	125	TC□□ 0902□□	CS22	T-7	
	A10K-STFCR/L11-12	●		12	10	6	12	125				
	A12M-STFCR/L11-14	●		14	12	7	10	150	TC□□ 1102□□	CS25	T-8	
	A16Q-STFCR/L11-18	●		18	16	9	6	180				
H	H08K-STFCR/L09-10	●		10	8	5.5	12	125	TC□□ 0902□□	CS22	T-7	
	H10K-STFCR/L09-12	●		12	10	6	15	125				
	H12M-STFCR/L09-14	●		14	12	7	10	150				
	H10K-STFCR/L11-12	●		12	10	6	15	125				
	H12M-STFCR/L11-14	●		14	12	7	10	150	TC□□ 1102□□	CS25	T-8	
	H16Q-STFCR/L11-18	●		18	16	9	6	180				
	H20R-STFCR/L11-22	●		22	20	11	3	200				
	H20R-STFCR/L16-22	●		22	20	11	3	200				
	H25R-STFCR/L16	●		32	25	14	2	200				
									TC□□ 1673□□	CS35	T-15	

※ Continued on next page.

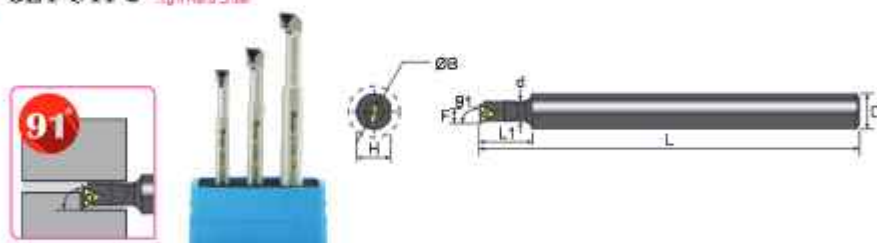
Shank	Model No	Stock		Min. Bore Dia.		D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB	ØD								
C	C08K-STFCR/L09-10	●		10		8	5.5	12	125	TC□□ 0902□□	CS22	T-7	
	C10M-STFCR/L09-12	●		12		10	6	15	150				
	C12Q-STFCR/L09-14	●		14		12	7	10	180				
	C12Q-STFCR/L11-14	●		14		12	7	10	180	TC□□ 1102□□	CS25	T-8	
	C16R-STFCR/L11-18	●		18		16	9	6	200				
	C20S-STFCR/L11-22	●		22		20	11	3	250				

● Insert Detail : TC□□0902□□ · TC□□1102□□ · TC□□18T3□□ → Ref. Page-S

● Sleeve refer Page-310~314

SET-STFC

Mini Boring Bar
Right Hand Shave

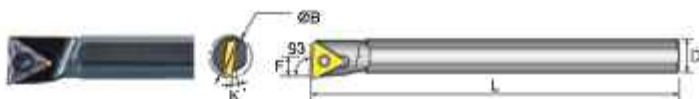


		Stock		Min. Bore Dia.								Insert	Screw	Wrench	Price
Shank	Model No	R	L	ØB	ØD	D	d	F	H	L	L1				
A	A0810J-STFCR/L11	●	●	14		8	7	7	9	110	32	TC□□ 1102□□	CS25	T-8	
	A1012K-STFCR/L11	●	●	18		10	9	9	11	125	38				
	A1218M-STFCR/L11	●	●	22		12	11	11	15	150	50				
	A1016SET-STFCR/L	●	●	A0810J-STFCR11*1 A1012K-STFCR11*1				A1218M-STFCR11*1 CS25048*1							CS25*5 T-8*1

● Insert Detail : TC□□1102□□ → Ref. Page-S

● Sleeve refer Page-310~314

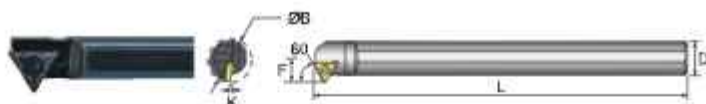
STUC Boring Bar Right Hand Flute



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S08K-STUCR/L09-10	●	●	10	8	5.5	12	125	TC□□ 0802□□	CS22	T-7	
	S10K-STUCR/L09-12	●	●	12	10	6	15	125	TC□□ 1102□□	CS25	T-8	
	S10K-STUCR/L11-12	●	●	12	10	6	15	125				
	S12M-STUCR/L11-14	●	●	14	12	7	10	150				
	S14M-STUCR/L11-16	●	●	16	14	8	8	150				
	S16Q-STUCR/L11-18	●	●	18	16	9	6	180				
	S20R-STUCR/L11-22	●	●	22	20	11	3	200	TC□□ 16T3□□	CS35	T-15	
	S20R-STUCR/L16-22	●	●	22	20	11	8	200				
	S25R-STUCR/L16	●	●	32	25	17	6	200				
	S32S-STUCR/L16	●	●	39	32	17.5	4	250				
H	H08K-STUCR/L09-10	●		10	8	5.5	12	125	TC□□ 0802□□	CS22	T-7	
	H10K-STUCR/L09-12	●		12	10	6	15	125	TC□□ 1102□□	CS25	T-8	
	H10K-STUCR/L11-12	●		12	10	6	15	125				
	H12M-STUCR/L11-14	●	●	14	12	7	10	150				
	H16Q-STUCR/L11-18	●		16	16	9	6	180				
	H20R-STUCR/L11-22	●		22	20	11	3	200				
	H20R-STUCR/L16-22	●		22	20	11	8	200	TC□□ 16T3□□	CS35	T-15	
	H25R-STUCR/L16-28	●		32	25	14	6	200				
C	C08K-STUCR/L09-10	●		10	8	5.5	12	125	TC□□ 0802□□	CS22	T-7	
	C10M-STUCR/L09-12	●		12	10	6	15	150	TC□□ 1102□□	CS25	T-8	
	C10M-STUCR/L11-12	●		12	10	6	15	150				
	C12Q-STUCR/L11-14	●		14	12	7	10	180				
	C16R-STUCR/L11-18	●		18	16	9	6	200				
	C20S-STUCR/L11-22	●		22	20	11	3	250				

● Insert Detail : TC□□0802□□ - TC□□1102□□ - TC□□16T3□□ → Ref. Page 5

● Sleeve refer Page 310-314

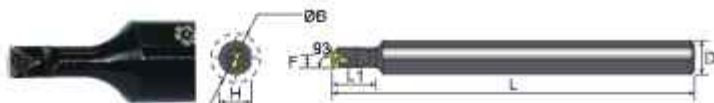
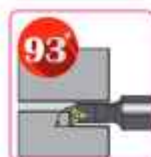


Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
S	S0805K-STWBR/L06	●	●	7	8	10	7	125	TB□□ 0801□□	CS20	T-6	
	S08K-STWCR/L09	●	●	11	8	6.5	9	125	TC□□ 0802□□	CS22	T-7	
	S10K-STWCR/L09	●	●	12	10	6.5	9	125	TC□□ 1102□□	CS25	T-8	
	S10K-STWCR/L11	●	●	13	10	7.5	7	125				
	S12M-STWCR/L11	●	●	16	12	9	9	150				
	S16Q-STWCR/L11	●	●	21	16	12	6	180				
	S20R-STWCR/L11	●	●	24	20	13	6	200	TC□□ 16T3□□	CS35	T-15	
	S25R-STWCR/L16	●	●	30	25	17	7	200				
	S32S-STWCR/L16	●	●	37	32	20	4	250				
	S40T-STWCR/L16	●	●	45	40	24	0	300				

● Insert Detail : TC□□0802□□ - TC□□1102□□ - TC□□16T3□□ → Ref. Page-5

● Sleeve refer Page-310-314

STUB Mini Boring Bar Right Hand Shaw

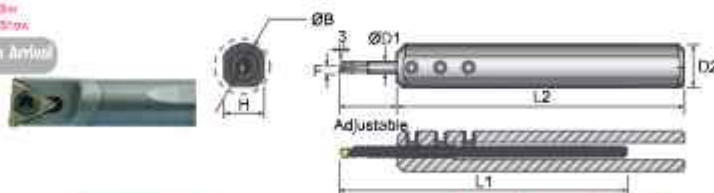


Shank	Model No	Stock		Min. Bore Dia	ØB	D	F	H	L1	L	Insert	Screw	Wrench	Price
		R	L											
S	S0806K-STUBR/L06-07-L20	●		7	8	3.5	7	125	20		TB□□ 0501□□	CS20	T-6	
	S1606K-STUBR/L06-07	●		7	16	3.5	15	110	15					
	S1607J-STUBR/L06-08	●		8	16	4	15	110	15					
	S1608J-STUBR/L06-09	●		9	16	4.5	15	110	15					
	S1609J-STUBR/L06-10	●		10	16	5	15	110	15					
H	H0806K-STUBR/L06-07-L20	●		7	8	3.5	7	125	20					
	H1606J-STUBR/L06-07	●		7	16	3.5	15	110	15					
	H1607J-STUBR/L06-08	●		8	16	4	15	110	15					
	H1608J-STUBR/L06-09	●		9	16	4.5	15	110	15					
	H1609J-STUBR/L06-10	●		10	16	5	15	110	15					

● Sleeve refer Page-310~314

STUB Mini Boring Bar Right Hand Shaw

New Specification Available

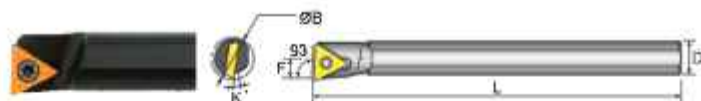


Shank	Model No	Stock		Min. Bore Dia	ØB	ØD1	D2	F	H	L1	L2	Insert	Screw	Wrench	Price
		R	L												
S	S06J-STUBR06-08	●		8	6	16	4	15	110	100		TB□□ 0601□□	CS20	T-6	
	C06J-STUBR/L06-07	●	●	7	6	16	3.5	15	110	100					
C	C0806K-STUBR06-07	●	●	8	7	20	20	3.7	125	100					
	C0807K-STUBR/L06-08	●	●	8	7	20	4	7.4	125	100					

● Sleeve refer Page-310~314

STUP Boring Bar Right Hand Drive

Min Specification Actual



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
S	S08K-STUBR/L06-08	●	●	8	8	4	12	125	TB□□ 0601□□	CS20	T-6	
	S08K-STUBR/L06-09	●	●	9	8	4.5	15	125				
	S08K-STUPR/L08-10	●	●	10	8	5.5	10	125	TP□□ 0802□□	CS22	T-7	
	S08K-STUPR/L09-10	●	●	10	8	5.5	10	125		CS25048		
	S10K-STUPR/L09-12	●	●	12	10	6	8	125	TP□□ 0902□□	CS25	T-8	
	S12M-STUPR/L09-14	●	●	14	12	7	5	150				
	S10K-STUPR/L11-12	●	●	12	10	6	8	125				
	S12M-STUPR/L11-14	●	●	14	12	7	7	150				
	S14M-STUPR/L11-16	●	●	16	14	8.5	6	150				
	S16Q-STUPR/L11-18	●	●	18	16	9	4	180	TP□□ 1103□□	CS30	T-10	
	S18Q-STUPR/L11-20	●	●	20	18	10	4	180				
	S20R-STUPR/L11-22	●	●	22	20	11	2	200				
	S25R-STUPR/L11-28	●	●	28	25	14	5	200				
	S20R-STUPR/L1604-22	●	●	22	20	11	3	200	TP□□ 1604□□	CS35	T-15	
	S25R-STUPR/L1604	●	●	32	25	16	2	200				
A	S20R-STUPR/L1603-22	●	●	22	20	11	3	200	TP□□ 1603□□			
	S25R-STUPR/L1603	●	●	32	25	16	2	200				
	A08K-STUPR/L09-10	●	●	10	8	5.5	10	125		CS25048		
	A10K-STUPR/L09-12	●	●	12	10	6	8	125	TP□□ 0902□□	CS25	T-8	
	A12M-STUPR/L09-14	●	●	14	12	7	5	150				
	A12M-STUPR/L11-14	●	●	14	12	7	7	150				
	A16Q-STUPR/L11-18	●	●	18	16	9	4	180	TP□□ 1103□□	CS30	T-10	

Continued on next page

Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
H	A20R-STUPR/L11-22	●	●	22	20	11	2	200	TP□□ 1103□□	CS30	T-10	
	H08K-STUBR/L06-09	●	●	9.5	8	4.5	15	125	TB□□ 0801□□	CS20	T-8	
	H08K-STUPR/L08-10	●	●	10	8	5.5	10	125	TP□□ 0802□□	CS22	T-7	
	H08K-STUPR/L09-10	●	●	10	8	5.5	10	125		CS25048		
	H10K-STUPR/L09-12	●	●	12	10	6	8	125	TP□□ 0903□□	CS25	T-8	
	H12M-STUPR/L09-14	●	●	14	12	7	5	150				
	H10K-STUPR/L11-12	●	●	12	10	6	8	125				
	H12M-STUPR/L11-14	●	●	14	12	7	7	150				
	H16Q-STUPR/L11-18	●		18	16	9	4	180	TP□□ 1103□□	CS30	T-10	
	H20R-STUPR/L11-22	●	●	22	20	11	2	200				
	H25R-STUPR/L11-28	●		28	25	14	2	200				
	H20R-STUPR/L1604-22	●		22	20	11	3	200	TP□□ 1604□□	CS35	T-15	
	H25R-STUPR/L1604	●		32	25	14	2	200				
-O	H08K-STUPR/L08-10-O	●		10	8	5.5	10	125	TP□□ 0802□□	CS22	T-7	
	H08K-STUPR/L09-10-O	●		10	8	5.5	10	125		CS25048		
	H10K-STUPR/L09-12-O	●		12	10	6	8	125	TP□□ 0902□□	CS25	T-8	
	H12M-STUPR/L09-14-O	●		14	12	7	5	150				
	H10K-STUPR/L11-12-O	●		12	10	6	8	125				
	H12M-STUPR/L11-14-O	●		14	12	7	7	150				
	H16Q-STUPR/L11-18-O	●		18	16	9	4	180	TP□□ 1103□□	CS30	T-10	
	H20R-STUPR/L11-22-O	●		22	20	11	2	200				

❖ Continued on next page

Shank	Model No.	Stock		Min. Bore Dia.	D	F	X	L	Insert	Screw	Wrench	Price
		R	L									
C	C08K-STUPR/L08-10	●		10	8	5.5	10	125	TP□□ 0802□□	CS22	T-7	
	C08H-STUPR/L08-10			10	8	5.5	10	100				
	C08K-STUPR/L09-10	●		10	8	5.5	10	125	TP□□ 0802□□	CS25D48	T-8	
	C10M-STUPR/L09-12	●		12	10	6	15	150				
	C12Q-STUPR/L09-14	●		14	12	7	15	180	TP□□ 0802□□	CS25	T-8	
	C10M-STUPR/L11-12	●		12	10	6	15	150				
	C10H-STUPR/L11-12			12	10	6	15	100	TP□□ 1103□□	CS30	T-10	
	C12Q-STUPR/L11-14	●		14	12	7	10	180				
	C16R-STUPR/L11-18	●		18	16	9	6	200				
	C20S-STUPR/L11-22	●		22	20	11	3	250				
	NEW C25T-STUPR11	●		32	25	17	4	300				

● Sleeve refer Page-310~314

STUP Boring Bar Right-Hand Drive

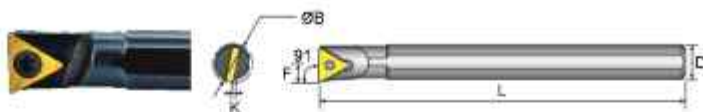


Shank	Model No.	Stock		Min. Bore Dia.	D	F	H	L	L1	Insert	Screw	Wrench	Price
		R	L										
S	S1609J-STUPR/L08-10	●	●	10	16	5	15	110	15	TP□□ 0802□□	CS22	T-7	
	S1610K-STUPR/L11-12	●	●	12	16	6	15	120	15	TP□□ 1103□□	CS30	T-10	
H	H1609J-STUPR/L08-10	●		12	16	5	15	110	15	TP□□ 0802□□	CS22	T-7	
	H1610K-STUPR/L11-12	●		12	16	6	15	120	15	TP□□ 1103□□	CS30	T-10	

● Sleeve refer Page-310~314

STFP

Boring Bar
Right Hand Shave



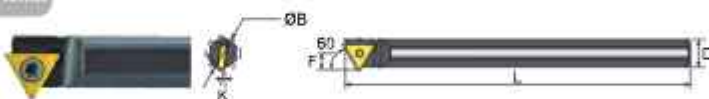
Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
S	S10K-STFPR/L09-12	●	●	12	10	6	8	125	TP□□ 0802□□	CS25	T-8	
	S10K-STFPR/L11-12	●	●	12	10	6	7	125	TP□□ 1103□□	CS30	T-10	
	S12M-STFPR/L11-14	●	●	14	12	7	6	150				
	S16Q-STFPR/L11-18	●	●	18	16	9	4	180				
	S20R-STFPR/L11-22	●	●	22	20	11	4	200				
C	C08K-STFPR/L09-10	●		10	8	5	8	125	TP□□ 0802□□	CS25048	T-8	
	C10M-STFPR/L11-12	●		12	10	6	9	150	TP□□ 1103□□	CS30	T-10	
	C12Q-STFPR/L11-14	●		14	12	7	8	180	TP□□ 1103□□			

● Sleeve refer Page-310~314

STWP

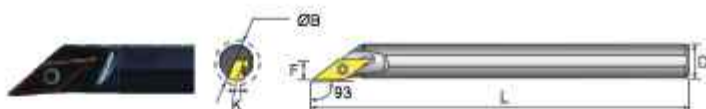
Mini Boring Bar
Right Hand Shave

Mini Specification Attached



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
S	S08K-STWPR/L09	●	●	11	8	6.5	6	125	TP□□ 0802□□	CS25048	T-8	
	S10K-STWPR09	●	●	12	10	6.5	6	125	TP□□ 1103□□	CS30	T-10	
	S10K-STWPR/L11	●	●	13	10	7.5	7	125				
	S12M-STWPR/L11	●	●	16	12	9	9	150				
	S16Q-STWPR/L11	●	●	21	16	12	6	180				
	S20R-STWPR/L11	●	●	24	20	13	3	200				

● Sleeve refer Page-310~314

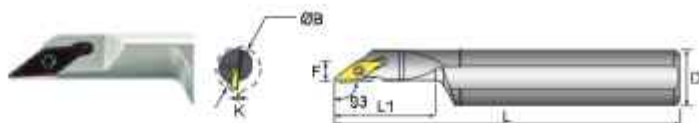


Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S10K-SVJBR/L11	●	●	12	10	6	10	125	VB□□ 1103□□	CS25	T-8	
	S12M-SVJBR/L11	●	●	14	12	7	10	150				
	S16Q-SVJBR/L11	●	●	18	16	9	14	180				
	S20R-SVJBR/L11	●	●	25	20	10.5	10	200				
	S16Q-SVJBR/L16	●	●	18	16	9	7	180	VB□□ 1604□□	CS36	T-15	
	S20R-SVJBR/L16	●	●	25	20	9	7	200				
	S25R-SVJBR/L16	●	●	32	25	11	7	200				
	S32S-SVJBR/L16	●	●	40	32	14	5	250				
	S40T-SVJBR/L16	●	●	57	40	28.5	6	300				
	H10K-SVJBR/L11	●		12	10	6	10	125	VB□□ 1103□□	CS25	T-8	
	H12M-SVJBR/L11	●		14	12	7	10	150				
	H16Q-SVJBR/L11	●		18	16	9	7	180				
	H20R-SVJBR/L11	●		25	20	10.5	7	200				
H	H16Q-SVJBR/L16	●		18	16	9	7	180	VB□□ 1604□□	CS35	T-15	
	H20R-SVJBR/L16	●		25	20	10.5	7	200				
	H25R-SVJBR/L16	●		32	25	13.5	7	200				

● Insert Detail : VB□□1604□□ → Ref Page-U

● Sleeve refer Page-310~314

FSVJB Boring Bar Right Hand Shave

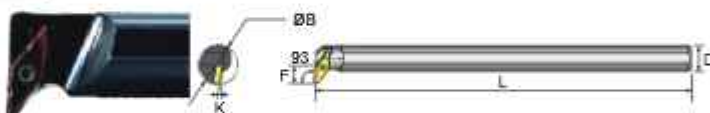


Shank	Model No.	Stock		Min. Bore Dia.	D	F	K	L	L1	Insert	Screw	Wrench	Price
		R	L										
S	S16K-FSVJBR/L11	●	●	20	16	2	5	125	36	VB□□ 1103□□	CS25	T-8	
	S20M-FSVJBR/L11	●	●	25	20	2	5	150	37.5				
	S25M-FSVJBR/L11	●	●	30	25	3.5	5	150	45				

●Sleeve refer Page-310~314

SVUB Boring Bar Right Hand Shave

More Specification Available

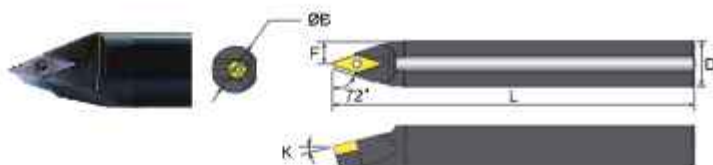


Shank	Model No.	Stock		Min. Bore Dia.	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S16Q-SVUBR/L11	●	●	22	16	13	10	180	VB□□ 1103□□	CS25	T-8	
	S20R-SVUBR/L11	●	●	27	20	15	10	200				
	S25R-SVUBR/L11	●	●	33	25	20	8	200				
	S20R-SVUBR/L16	●	●	34	20	20	10	200	VB□□ 1604□□	CS35	T-15	
	S25R-SVUBR/L16	●	●	33	25	17	8	200				
	S32S-SVUBR/L16	●	●	44	32	22	10	250				
	S40T-SVUBR/L16	●	●	51	40	27	8	300				

●Insert Detail : VB□□1604□□→Ref. Page-U

●Sleeve refer Page-310~314

SVVBN Boring Bar

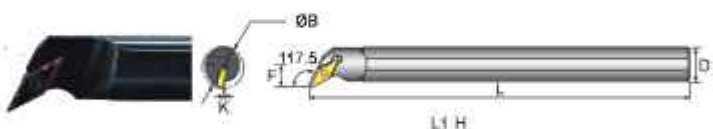


Shank	Model No.	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S32S-SVVBN16	●	●	33	32	16	10	250	VB□□ 1604□□	CS35	T-16	
	S40T-SVVBN16	●	●	42	40	20	0	300				

● Insert Detail : VB□□1604□□ → Ref. Page-U

● Sleeve refer Page-310~314

SVQBR Boring Bar Right Hand Stroke



Shank	Model No.	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S16Q-SVQBR/L11	●	●	20	16	11	180	7	VB□□ 1103□□	CS25	T-8	
	S20R-SVQBR/L11	●	●	25	20	13	200	7				
	S25R-SVQBR/L11	●	●	32	25	17	200	5				
	S25R-SVQBR/L16	●	●	32	25	17	200	5	VB□□ 1604□□	CS35	T-16	
	S32S-SVQBR/L16	●	●	40	32	22.5	250	10				
	S40T-SVQBR/L16	●	●	54	40	27	300	7				

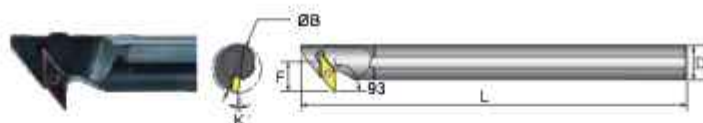
● Insert Detail : VB□□1604□□ → Ref. Page-U

● Sleeve refer Page-310~314

SVZB

 Boring Bar
 Right Hand Bore

New Arrival



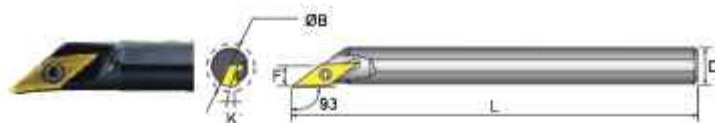
Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S16Q-SVZBR/L11	●	●	23	16	14	10	180	VB□□ 1109□□	CS26	T-8	
	S20R-SVZBR/L11	●	●	27	20	16	8	200	VB□□ 1604□□	CS36	T-15	
	S25R-SVZBR/L16			34	25	20.5	8	200				
	S32S-SVZBR/L16			41	32	24	10	250				
	S40T-SVZBR/L16			49	40	28	8	300				
	S50U-SVZBR/L16	●	●	59	50	33	6	350				

● Insert Detail : VB□□1604□□ → Ref Page-U

● Sleeve refer Page-310-314

Boring Bar

 G
BORING BAR

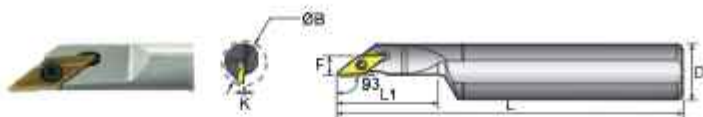



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S10K-SVJCR/L11	●	●	12	10	6	13	125	VC□□ 1103□□	CS25	T-8	
	S12M-SVJCR/L11	●	●	14	12	7	15	150				
	S16Q-SVJCR/L11	●	●	18	16	9	14	180				
	S20R-SVJCR/L11	●	●	25	20	10.5	10	180				
	S16Q-SVJCR/L16	●	●	18	16	9	14	180	VC□□ 1604□□	CS26	T-15	
	S20R-SVJCR/L16	●	●	25	20	10.5	10	200				
	S25R-SVJCR/L16	●	●	32	25	13.5	7	200				
	S32S-SVJCR/L16	●	●	40	32	17	7	250				
	S40T-SVJCR/L16	●	●	47	40	23.5	8	300				
H	H10K-SVJCR/L11	●		12	10	6	13	125	VC□□ 1103□□	CS25	T-8	
	H12M-SVJCR/L11	●		14	12	7	15	150				
	H16Q-SVJCR/L11	●		18	16	9	14	180				
	H20R-SVJCR/L11	●		25	20	10.5	10	200				
	H16Q-SVJCR/L16	●		18	16	9	14	180	VC□□ 1604□□	CS25	T-8	
	H20R-SVJCR/L16	●		25	20	10.5	10	200				
	H25R-SVJCR/L16	●		32	25	13.5	7	200				

● Insert Detail : VC□□1604□□ → Ref. Page-V

● Sleeve refer Page-310~314

FSVJC

 Boring Bar
 Right Hand Stroke


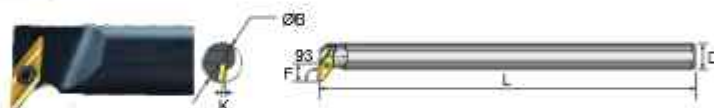
Shank	Model No.	Stock		Min. Bore Dia.	D	F	H	L	L1	Insert	Screw	Wrench	Price
		R	L	ØB · ØD									
S	S16K-FSVJCR/L11	●	●	20	16	125	5	2	36	VC□□ 1103□□	CS25	T-8	
	S20M-FSVJCR/L11	●	●	25	20	150	5	2	37.5				
	S25M-FSVJCR/L11	●	●	30	25	150	5	3.5	45				

● Sleeve refer Page-310~314

SVUC

 Boring Bar
 Right Hand Stroke

New Specification Available

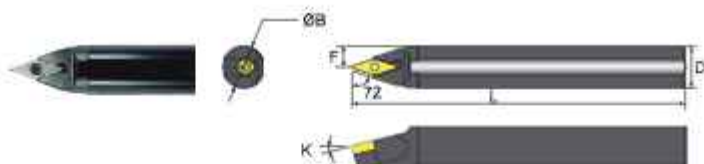


Shank	Model No.	Stock		Min. Bore Dia.	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
S	S16Q-SVUCR/L11	●	●	22	16	13	10	180	VC□□ 1103□□	CS25	T-8	
	S20R-SVUCR/L11	●	●	27	20	15	10	200				
	S25R-SVUCR/L11	●	●	33	25	17	8	200				
	 S20R-SVUCR/L16	●	●	34	20	20	10	200	VC□□ 1604□□	CS35	T-15	
	S25R-SVUCR/L16	●	●	33	25	20	8	200				
	S32S-SVUCR/L16	●	●	44	32	22	10	250				
	S32T-SVUCR/L16	●	●	44	32	22	10	300				
	S40T-SVUCR/L16			51	40	27	8	300				

● Insert Detail : VC□□1604□□→Ref. Page-V

● Sleeve refer Page-310~314

SVVCN Boring Bar

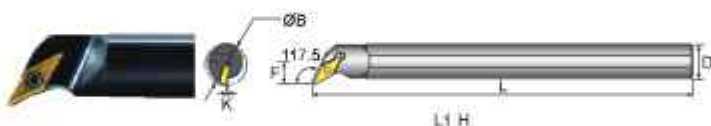


Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S25R-SVVCN16	●	●	26	25	12.5	0	200	VC□□ 1604□□	CS36	T-16	
	S32S-SVVCN16	●	●	33	32	16	10	250				
	S40T-SVVCN16	●	●	42	40	20	0	300				

●Insert Detail : VC□□1604□□→Ref. Page-V

●Sleeve refer Page-310~314

SVQC Boring Bar Right Hand Flute



Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S16Q-SVQCR/L11	●	●	20	16	11	10	180	VC□□ 1102□□	CS28	T-8	
	S20R-SVQCR/L11	●	●	25	20	13	7	200				
	S25R-SVQCR/L11	●	●	32	25	17	5	200				
	S25R-SVQCR/L16	●	●	32	25	17	5	200	VC□□ 1604□□	CS38	T-16	
	S32S-SVQCR/L16	●	●	40	32	22.5	10	250				
	S40T-SVQCR/L16	●	●	54	32	27	7	300				

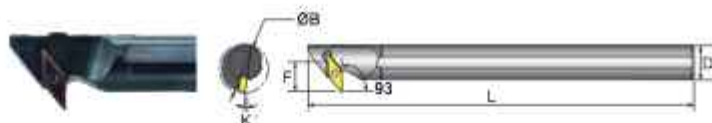
●Insert Detail : VC□□1604□□→Ref. Page-V

●Sleeve refer Page-310~314

SVZC

 Boring Bar
 Right Hand Slot

New Arrival



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L	ØB								
S	● S16Q-SVZCR/L11	●	●	23	16	14	8	180	VC□□ 1109□□	CS26	T-8	
	● S20R-SVZCR/L11	●	●	27	20	16	6	200	VC□□ 1604□□	CS36	T-15	
	● S25R-SVZCR/L11			34	25	20.5	6	200				
	● S32S-SVZCR/L16			41	32	24	8	250				
	● S40T-SVZCR/L16			49	40	28	6	300				
	● S50U-SVZCR/L16	●	●	59	50	33	4	350				

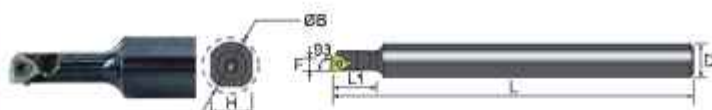
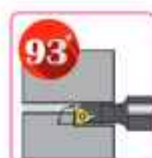
● Insert Detail : VC□□1604□□ → Ref. Page-V

● Sleeve refer Page-310~314

Boring Bar

G
 BORING
 BAR

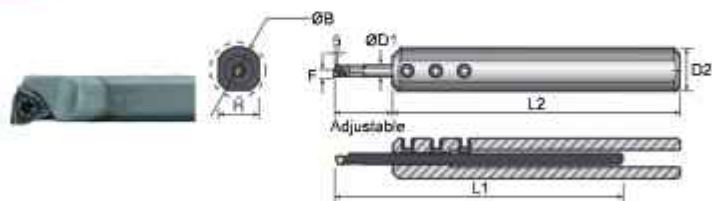

SWUB Boring Bar Right Hand Shave



Shank	Model No.	Stock		Min. Bore Dia.		F	H	L	L1	Insert	Screw	Wrench	Price
		R	L	ØB	D								
S	S1005J-SWUBR/L06-06	●		6	10	3	9	110	15	WB□□ 0601□□	CS20	T-6	
	S1006J-SWUBR/L06-07	●		7	10	3.5	9	110	15				
	S1205J-SWUBR/L06-06	●		6	12	3	11	110	15				
	S1605J-SWUBR/L06-06	●		6	16	3	15	110	15				
	S1606J-SWUBR/L06-07	●		7	16	3.5	15	110	15				
	S1607J-SWUBR/L06-08	●		8	16	4	15	110	15				
	S1608-SWUBR/L06-09	●		9	16	4.5	15	110	15				

●Sleeve refer Page-310~314

SWUB Boring Bar Right Hand Shave



Shank	Model No.	Stock		Min. Bore Dia.		F	H	L1	L2	Insert	Screw	Wrench	Price
		R	L	ØB	ØD1								
C	C05H-SWUBR/L06-06	●		6	5	16	2.75	15	100	WB□□ 0601□□	CS20	T-6	
	C06J-SWUBR/L06-07	●		7	6	16	3.5	15	110				
	S06J-SWUBR/L06-08	●		8	6	16	4	15	110				
	C0807K-SWUBR/L06-08	●		8	7	16	4	15	125				

●Sleeve refer Page-310~314

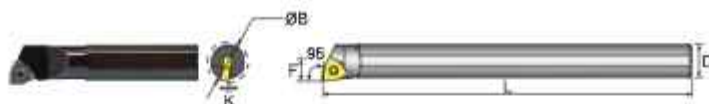
Min. Boring Bar

G Boring Bar



SWLC

Boring Bar
Right Hand Flute



Shank	Model No	Stock		Min. Bore Dia	D	F	K	L	Insert	Screw	Wrench	Price
		R	L									
S	S08K-SWLCR/L03-10	●	●	10	8	5.4	13	125	WC□□ 0302□□	CS25×48	T-8	
	S10K-SWLCR/L03-12	●	●	12	10	6	12	125		CS25		
	S08K-SWLCR/L04-10	●	●	10	8	5.5	13	125		CS25×48		
	S12M-SWLCR/L04-14	●	●	14	12	7	12	150	WC□□ 0402□□	CS25		
	S16Q-SWLCR/L04-18	●	●	18	16	9	9	180				
	S20R-SWLCR/L05-22	●	●	22	20	11	10	200	WC□□ 0502□□	CS30	T-10	

● Sleeve refer Page-310~314

Boring Bar

G
BORING
BAR





Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S32S-ECKNR/L12	●	●	40	32	22	14	250	CN□□ 1204□□	SMC-432	LW48	CH12-4	CS90	C-6	LW030 LW040	
	S40T-ECKNR/L12	●	●	50	40	27	12	300								
	S50U-ECKNR/L12	●	●	63	50	35	12	350								

		Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price				
Shank	Model No	R	L																
S	S20R-MCKNR/L12	●	●	25	20	18	17	200		-	LCS-611	CP50-21	CS70-20	LW025					
	S25R-MCKNR/L12	●	●	32	25	17	14	200											
	S32S-MCKNR/L12	●	●	40	32	22	12	250				CP50-22	CS70-21	LW025 LW030					
	S40T-MCKNR/L12	●	●	50	40	27	12	300		SMC-432	LCS-617								
	S50U-MCKNR/L12	●	●	63	50	35	12	350											

- Insert Detail : CN□□1204□□→Ref. Page-J
- Recommend you to choose our patent products E-Type.
- Sleeve refer Page-310~314

ECLN

 Boring Bar
 Right hand flute


Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S32S-ECLNR/L12	●	●	40	32	22	14	250	CN□□ 1204□□	SMC-432	CN13-2	CS8	C-6	LW020 LW040		
	S32U-ECLNR/L12	●	●	40	32	22	14	350								
	S40TECLNR/L12	●	●	50	40	27	12	300								
	S40W-ECLNR/L12	●	●	50	40	27	12	450								
	S50U-ECLNR/L12	●	●	63	50	35	12	350								
	S50Y-ECLNR/L12	●	●	63	50	35	12	500								
	S60V-ECLNR/L12	●	●	72	60	36	10	400								
	S60X-ECLNR/L12	●	●	72	60	36	10	600								
	S63Y-ECLNR/L12	●	●	76	63	38	10	500								

Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S16Q-MCLNR/L09	●	●	22	16	11	17	180	CN□□ 0903□□	-	LCS-5-9	CP50-21	CS70-20	LW020 LW025	
	S20R-MCLNR/L09	●	●	25	20	13	17	200							
	S20R-MCLNR/L12	●	●	25	20	13	17	200							
	S25R-MCLNR/L12	●	●	32	25	17	14	200							
	S32S-MCLNR/L12	●	●	40	32	22	14	250							
	S32U-MCLNR/L12	●	●	40	32	22	14	350							
	S40T-MCLNR/L12	●	●	50	40	27	12	300							
	S50U-MCLNR/L12	●	●	63	50	35	12	350							

- Insert Detail : CN□□1204□□→Ref Page-J
- Recommend you to choose our patent products E-Type.
- Please refer Page-310~314

EDQN Boring Bar Right Hand Square



Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S40T-EDQNR/L15	●	●	50	40	27	10	300	DN□□ 1504□□	SMD-483	LD-1					
	S50U-EDQNR/L15	●	●	63	50	35	10	350				DN15	CS8	C-8	LW030 LW040	
	S40T-EDQNR/L15A	●	●	50	40	27	10	300	DN□□ 1506□□	SMD-486	LW-4					
	S50U-EDQNR/L15A	●	●	63	50	35	10	350								

		Stock		Min. Bore Dia. ØB	D	F	K	L							Price			
Shank	Model No	R	L															
S	S25R-MDQNR/L15	●	●	32	25	17	12	200		—	LCS-511				LW025 LW030			
	S32S-MDQNR/L15	●	●	40	32	22	10	250										
	S40T-MDQNR/L15	●	●	50	40	27	10	300		SMD-483	LCS-619						LW030	
	S50U-MDQNR/L15	●	●	63	50	32	10	350										

- Insert Detail : DN□□1504□□ + DN□□1506□□→Ref. Page-M
- Recommend you to choose our patent products E-Type.
- Sleeve refer Page-310-314

EDUN

 Boring Bar
 Right Hand Drive


Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S40T-EDUNR/L15	●	●	50	40	27	10	300	DN□□ 1504□□	SMD-463	LD-1					
	S50U-EDUNR/L15	●	●	63	50	35	10	350								
	S40T-EDUNR/L15A	●	●	50	40	27	10	300	DN□□ 1506□□	SMD-466	LW-4					
	S50U-EDUNR/L15A	●	●	63	50	35	10	350								

Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S25R-MDUNR/L15	●	●	32	25	17	12	200			LCS-611				
	S32S-MDUNR/L15	●	●	40	32	22	10	250	DN□□ 1504□□						
	S40T-MDUNR/L15	●	●	50	40	27	10	300		SMD-463	LCS-618				
	S50U-MDUNR/L15	●	●	63	50	32	10	350							

●Insert Detail : DN□□1504□□・DN□□1506□□→Ref. Page-M

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314

MDZN

 Boring Bar
 Right Hand Drive


Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S32S-MDZNR/L15	●	●	40	32	23	17	250							
	S40T-MDZNR/L15	●	●	50	40	27	15	300	DN□□ 1504□□	SMD-463	LCS-618	CP50-24			
	S50U-MDZNR/L15	●	●	63	50	35	12	350							

●Insert Detail : DN□□1504□□・DN□□1506□□→Ref. Page-M

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314



Shank	Model No	Stock R L	Min. Bore Dia. ØB	D	F	K	L	Insert 	Shim 	Screw of shim 	Clamp 	Screw 	Wrench 	Price
S	S20R-MSKNR/L12	● ●	25	20	13	17	200	SN□□ 1204□□	-	LCS-511	CP50-21	CS70-20	LW025	
	S25R-MSKNR/L12	● ●	32	25	17	14	200							
	S32S-MSKNR/L12	● ●	40	32	22	14	250							
	S40T-MSKNR/L12	● ●	50	40	27	12	300							
	S50U-MSKNR/L12	● ●	63	50	35	12	350							
									SNIS-432	LCS-517	CP50-22	CS70-22	LW030	

●Insert Detail : SN□□1204□□→Ref. Page-Q.

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314

ETUN

 Boring Bar
 Right Hand Flute

E-Type
M-Type


		Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price						
Shank	Model No	R	L																			
S	S25R-ETUNR/L16	●	●	32	25	17	12	200		—	LT-2	TN16-2	CS60E	C-5	LWD25 LWD30							
	S25T-ETUNR/L16	●	●	32	25	17	12	300														
	S32S-ETUNR/L16	●	●	40	32	22	10	250														
	S32U-ETUNR/L16	●	●	40	32	22	10	350														
	S40T-ETUNR/L16	●	●	50	40	27	10	300														
	S40W-ETUNR/L16	●	●	50	40	27	10	450														
	S50U-ETUNR/L16	●	●	63	50	35	8	350			SMT-322						LT-3	TN16-3	CS80	C-8	LWD25 LWD40	
	S50Y-ETUNR/L16	●	●	63	50	35	8	500														
	S60V-ETUNR/L16	●	●	72	60	36	10	400														
	S60X-ETUNR/L16	●	●	72	60	36	10	600														
	S63Y-ETUNR/L16	●	●	76	63	38	10	500														
A	A32Q-ETUNR/L16	●	●	39	32	22	10	180			LT-4											

●Insert Detail : TN□□1604□□→Ref. Page-T

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314

Boring Bar

G
 BORING BAR

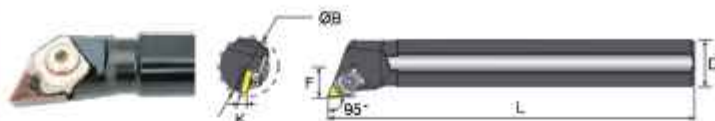
 C
 D
 E
 S
 TN
 M
 V
 W
 S
 ER/IR



Shank	Model No	Stock R L	Min. Bore Dia. ØB	D	F	K	L	Insert 	Shim 	Screw of shim 	Clamp 	Screw 	Wrench 	Price
S	S16Q-MTUNR/L16A	● ●	22	16	11	17	180	TN□□ 1604□□	—	LCS-510	CP50-21	CS70-30	LW020 LW025	
	S20R-MTUNR/L16	● ●	25	20	13	17	200							
	S20R-MTUNR/L16A	● ●	25	20	13	17	200							
	S25R-MTUNR/L16	● ●	32	25	17	12	200							
	S25R-MTUNR/L16A	● ●	32	25	17	12	200		SWT- 322	LCS-513	CP50-22	CS70-21	LW020 LW030	
	S32S-MTUNR/L16A	● ●	40	32	22	10	250							
	S40T-MTUNR/L16A	● ●	50	40	27	10	300							
	S50U-MTUNR/L16A	● ●	63	50	35	8	350					CS70-22		

- Insert Detail : TN□□1604□□--Ref. Page-T
- Recommend you to choose our patent products E-Type.
- Sleeve refer Page-310-314.

ETLN

 Boring Bar
 Right Hand Shave


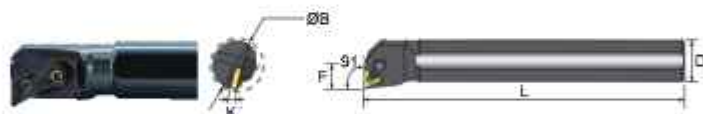
Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
S	S20R-ETLNR/L16	●	●	25	20	13	17	200	TN□□1604□□	—	LT-2	TN16-2	CS60E	C-5	LW025 LW030	
	S25R-ETLMR/L16	●	●	32	25	17	12	200	TN□□1604□□	—	LT-2	TN16-2	CS60E	C-5	LW025 LW030	

●Insert Detail : TN□□1604□□→Ref Page-T

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314

MTFN

 Boring Bar
 Right hand Shave


Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
S	S20R-MTFNR/L16	●	●	25	20	13	17	200	TN□□1604□□	—	LCS-510	CP50-21	CS70-20	LW020 LW025	
	S25R-MTFNR/L16	●	●	32	25	17	12	200							
	S32S-MTFNR/L16	●	●	40	32	22	10	250							
	S40T-MTFNR/L16	●	●	50	40	27	10	300							
	S50U-MTFNR/L16	●	●	63	50	35	8	350							
									SMT-322		LCS-513	CP50-22	CS70-22	LW020 LW030	

●Insert Detail : TN□□1604□□→Ref Page-T

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314



E-Type

M-Type



Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S20R-ETQNR/L16	●	●	25	20	13	17	200	TN□□ 1604□□	-	LT-2	TN16-2	CS60E	C-5	LW025 LW030	
	S25R-ETQNR/L16	●	●	32	25	17	12	200								
	S32S-ETQNR/L16	●	●	40	32	22	10	250								
	S40T-ETQNR/L16	●	●	50	40	27	10	300								
	S50U-ETQNR/L16	●	●	63	50	35	8	350								
										SMT-322	LT-3	TN16-3	CS80	C-6	LW025 LW040	

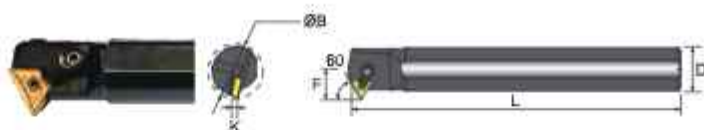
Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S20R-MTQNR/L16	●	●	25	20	13	17	200	TN□□ 1604□□	-	LCS-510	CP50-21	CS70-20	LW020 LW025	
	S25R-MTQNR/L16	●	●	32	25	17	12	200							
	S32S-MTQNR/L16	●	●	40	32	22	10	250							
	S40T-MTQNR/L16	●	●	50	40	27	10	300							
	S50U-MTQNR/L16	●	●	63	50	35	8	350							
										SMT-322	LCS-513	CP50-22	CS70-22	LW020 LW030	

●Insert Detail : TN□□1604□□→Ref. Page-T

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page 310~314

MTWN Boring Bar Right Hand Drive



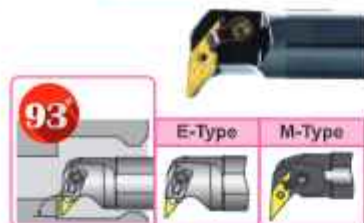
		Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
Shank	Model No	R	L												
S	S16Q-MTWNRL16	●	●	21	16	11	20	150	 TN□□ 1604□□	-	LCS-516	 CP50-21	 CS70-20	 LW020 LW025	
	S20R-MTWNRL16	●	●	27	20	14	17	200							
	S25R-MTWNRL16	●	●	32	25	17	12	200							
	S32S-MTWNRL16	●	●	39	32	20	17	250		BMT-323	LCS-513	 CP50-22	 CS70-21	 LW020 LW030	
	S40T-MTWNRL16	●	●	50	40	24	15	300							
	S50U-MTWNRL16	●	●	57	50	29	12	350							

- Insert Detail : TN□□1604□□ - Ref Page-T
- Recommend you to choose our products E-Type.
- Sleeve refer Page-310~314

Boring Bar

G
BORING BAR





Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S40T-EVUNR/L16	●	●	50	40	26	15	300	VN□□ 1604□□	SMV-322	LT-3	VN16	CS60E	C-5	LW025 LW030	
	S50U-EVUNR/L16	●	●	63	50	32	12	350								

Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S25R-MVUNR/L16	●	●	36	25	20	12	200	VN□□ 1604□□	SMV-322	LCS-513	CP50-22	CS70-21	LW020 LW030	
	S32S-MVUNR/L16	●	●	42	32	22	17	250							
	S40T-MVUNR/L16	●	●	50	40	26	15	300					CS70-22		
	S50U-MVUNR/L16	●	●	63	50	32	12	350							

- Insert Detail : VN□□1604□□→Ref.Page-W
- Recommend you to choose our patent products E-Type.
- Sleeve refer Page-310~314

EVQN Boring Bar Right Hand Flute


E-Type

M-Type


Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S40T-EVQNR/L16	●	●	50	40	26	15	300	VN□□ 1604□□	SMV- 322	LT-3	VW16	CS60E	C-5	LW025 LW030	
	S50U-EVQNR/L16	●	●	63	50	32	12	350								

Boring Bar

G
BORING BAR

Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S25R-MVQNR/L16	●	●	32	25	20	12	200	VN□□ 1604□□	SMV-322	LCS-513	CP50-22	CS70-21	LW020 LW030	
	S32S-MVQNR/L16	●	●	42	32	22	17	250							
	S40T-MVQNR/L16	●	●	50	40	26	15	300							
	S50U-MVQNR/L16	●	●	63	50	32	12	350							

●Insert Detail : VN□□1604□□→Ref.Page-W

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314



E-Type

M-Type



Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price
		R	L													
S	S40T-EVLNR/L16	●	●	50	40	26	15	300	VN□□ 1604□□	SMV- 322	LT-3	VW16	CS60E	C-5	LW025 LW030	
	S50U-EVLNR/L16	●	●	63	50	32	12	350								

Shank	Model No	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S25R-MVLNR/L16	●	●	36	25	20	12	200	VN□□ 1604□□	SMV-322	LCS-513	CP50-22	CS70-21	LW020 LW030	
	S32S-MVLNR/L16	●	●	42	32	22	17	250							
	S40T-MVLNR/L16	●	●	50	40	26	15	300							
	S50U-MVLNR/L16	●	●	63	50	32	12	350							

●Insert Detail : VN□□1604□□→Ref.Page-W

●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314

EWLNR Boring Bar
 Right Hand Drive


		Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Clasp	Wrench	Price	
Shank	Model No.	R	L														
S	S20R-EWLNR/L06	●	●	25	20	13	17	200	WN□□ 0604□□	—		LT-2	WN06-2				
	S25R-EWLNR/L06	●	●	32	25	17	14	200						CS60E	C-5	LW025 LW030	
	S25R-EWLNR/L08	●	●	32	25	17	14	200									
	S25T-EWLNR/L08	●	●	32	25	17	14	300					LW-3	WN06-3			
	S32S-EWLNR/L08	●	●	40	32	22	14	250	WN□□ 0804□□	SMW-422							
	S32U-EWLNR/L08	●	●	40	32	22	14	350									
	S40T-EWLNR/L08	●	●	50	40	27	12	300									
	S40V-EWLNR/L08	●	●	50	40	27	12	450									
	S50U-EWLNR/L08	●	●	63	50	35	12	350									
	S50Y-EWLNR/L08	●	●	63	50	35	12	500									

Shank	Model No.	Stock		Min. Bore Dia. ØB	D	F	K	L	Insert	Shim	Screw of shim	Clamp	Screw	Wrench	Price
		R	L												
S	S16Q-MWLNR/L06	●	●	22	16	11	20	180	WN□□ 0604□□		LCS-510				LW020 LW025
	S20R-MWLNR/L08	●	●	25	20	13	17	200				CP50-21	CS70-20		LW025
	S25R-MWLNR/L08	●	●	32	25	17	14	200			LCS-511				LW025 LW030
	S32S-MWLNR/L08	●	●	40	32	22	14	250	WN□□ 0804□□					CS70-21	
	S40T-MWLNR/L08	●	●	50	40	27	12	300							
	S50U-MWLNR/L08	●	●	63	50	35	12	350	SMW-422	LCS-517	CP50-22		CS70-22		LW030

●Insert Detail : WN□□0804□□→Ref. Page-X

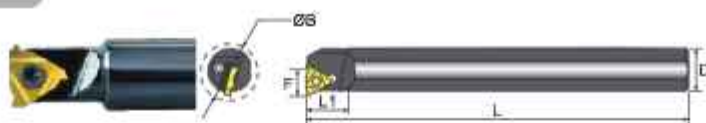
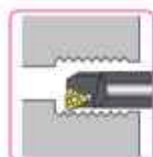
●Recommend you to choose our patent products E-Type.

●Sleeve refer Page-310~314

SIN

Threading Boring Bar
Right Hand Drive

Min Specification Actual



Shank	Model No	Stock R L	Min. Bore Dia. ØS	D	F	L	L1	Insert	Shim	Shim	Screw	Screw	Wrench	Wrench	Price
S	SNRG005H-06	●	6.4	12	3.2	100	10	DBR			CS20		T-6		
	SNRG008K-08	●	9	16	4.2	125	15	DBR			CS22		T-7		
	SINRL-1012-11	● ●	11	12	5.8	150	25	11 R/ER							
	SINRL-1210-11	● ●	12	10	6	150	25				CS30		T-10		
	SINRL-1216-11	● ●	12	16	6	150	25								
	SINRL-1516-11	● ●	15	16	7.5	150	30								
	SINRL-1616-16	● ●	16	16	8	150	20				CS35				
	SINRL-2016-16	● ●	20	16	10	150	20	16 R/ER							
	SINRL-2420S-16	● ●	24	20	12.3	180	20								
	SINRL-3025S-16	● ●	30	25	15	200	25								
	SINRL-3732S-16	● ●	37	32	18.5	250	45		A16	AE18	CS35 115	CS8 0306		LW025	
	NEW SINRL-4440S-16	● ●	44	40	22.4	300	60						T-15		
	NEW SINRL-5450S-16	● ●	54	50	27.4	350	75								
	SINRL-3025S-22	● ●	30	25	16.2	200	25	22 R/ER							
	SINRL-3732S-22	● ●	37	32	19	250	45		A22	AE22	CS45 115	CS8 0406		LW030	
	NEW SINRL-4740S-22	● ●	46	40	23.9	300	60								
	NEW SINRLS750S-22	● ●	58	50	28.9	350	75								
	NEW SINRL-0010-11-125		12	10	7	125	-	11 R/ER			CS30		T-10		
	SINRL-0012-11-125	● ●	15	12	8	125	-								
	SINRL-0016-16-150	● ●	20	16	10.9	150	-	16 R/ER			CS35		T-15		

Continued on next page.

Shank	Model No	Stock		Min. Bore Dia. Ø8	D	F	L	L1	Insert	Shim	Shim	Screw	Screw	Wrench	Wrench	Price
		R	L													
C	CINR/L-0010-11	●		13	10	7	150	-	11 IR/ER	-	-	CS30	-	T-10	-	
	CINR/L-0012-11	●		15	12	8	150	-								
	CINR/L-0016-16	●		20	16	10,9	150	-	16 R/ER			CS35		T-16		

● Insert Detail : 06IR・08IR・11ER/IR・16ER/IR→Ref Page-AQ-AR

● ER : Left hand insert.

● IR : Right hand insert.

● Sleeve refer Page-310-314