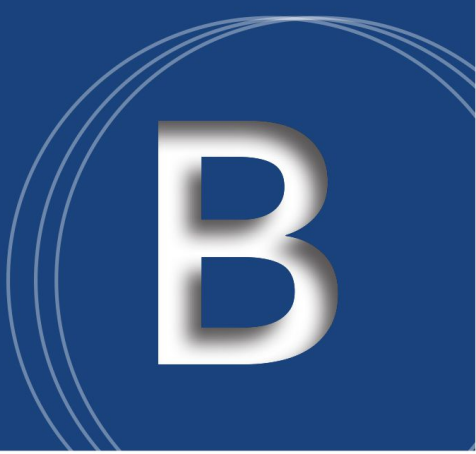
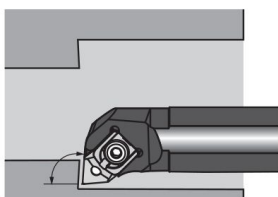


BORING BAR SERIES

A large, stylized white letter 'B' is centered within a circular graphic. The circle is composed of several concentric, slightly offset lines, creating a sense of depth and motion. The 'B' itself has a subtle 3D effect with a slight shadow.

B

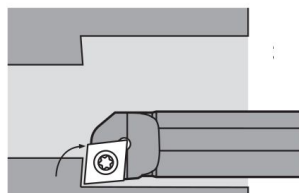


MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	CLASP	ALLEN KEY
S32S-BCLNR/L12	250	CN-1204	SMC-432	ST-996	CN12-2	ST 668	C-6	SW 4M
S32U-BCLNR/L12	350							
S40T-BCLNR/L12	300							
S40W-BCLNR/L12	450							
S50U-BCLNR/L12	350							
S50Y-BCLNR/L12	500							
S60V-BCLNR/L12	400							
S60X-BCLNR/L12	600							
S63Y-BCLNR/L12	500							
MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	ALLEN KEY	
S20R-TCLNR/L12	200	CN-1204	SMC-432	ST886	DLM-4	DLS-4	SW 3M	
S25R-TCLNR/L12	200							
S32S-TCLNR/L12	250							
S40T-TCLNR/L12	300							
S50U-TCLNR/L12	350							

BORING BAR - SCLCR/L - 95° | INSERT - CCMT - 80°



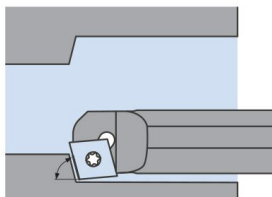
MODEL NO	L	INSERT	SCREW	ALLEN KEY
S10H SCLCR/L -03 T15	90	CC-0301	ST-1.6	T-5
S10H SCLCR/L -03 T20				
S10H SCLCR/L-03 T25				



MODEL NO	L	INSERT 	SCREW 	ALLEN KEY 
S08K-SCLCR/L06-09	125	CC-0602	ST-4.0	T-8
S10K-SCLCR/L06-12	125			
S12M-SCLCR/L06-14	150			
S16Q-SCLCR/L06-18	180			
S12M-SCLCR/L09-16	150			
S14M-SCLCR/L09-16	150			
S16Q-SCLCR/L09-18	180			
S20R-SCLCR/L09-22	200			
S25R-SCLCR/L09	200			
S32S-SCLCR/L09	250			
S25R-SCLCR/L12	200			
S32S-SCLCR/L12	250			



MODEL NO	L	INSERT 	SCREW 	ALLEN KEY 
S16/8 SCLCR/L -06 D8T10	90	CC-0602	ST-2.5	T-8
S16/8 SCLCR/L -06 D8T15				
S16/8 SCLCR/L -06 D8T20		-	-	-
S16/8 SCLCR/L -06 D8T25		-	-	-
S16/8 SCLCR/L -06 D8T30		-	-	-

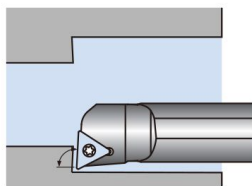


MODEL NO	L	INSERT 	SCREW 	ALLEN KEY 
S08K-SCKCR/L06-10	125	CC-0602	ST-2.5	T-8
S10K-SCKCR/L06-12	125			
S12M-SCKCR/L06-14	150			
S16Q-SCKCR/L09-18	180			
S12M-SCKCR/L09-16	150	CC-09T3	ST-4.0	T-15
S16Q-SCKCR/L09-18	180			
S20R-SCKCR/L09-22	200			
S25R-SCKCR/L09	200			

BORING BAR - SWUBR/L - 93° | INSERT - WBMT - 80°

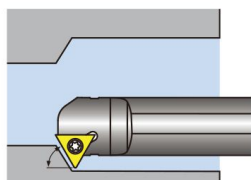


MODEL NO	L	INSERT 	SCREW 	ALLEN KEY 
S06J-SWUBR/L 06 T10C10	90	WBMT 0601	ST-2.0	T-6
S06J-SWUBR/L 06 T15C10				
S06J-SWUBR/L 06 T20C10				
S06J-SWUBR/L 06 T25C10				

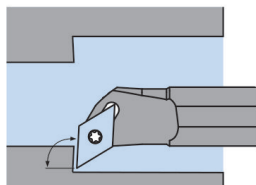


MODEL NO	L	INSERT 	SCREW 	ALLEN KEY 
S08K-STUCR/L09-10	125	TC-0902	ST-2.2	T-7
S10K-STUCR/L11-12	125	TC-1102	ST-2.5	T-8
S12M-STUCR/L11-14	150			
S16Q-STUCR/L11-18	180			
S20R-STUCR/L11-22	200			
S20R-STUCR/L16-22	200	TC-16T3	ST-4.0	T-20
S25R-STUCR/L16	200			
S32S-STUCR/L16	250			

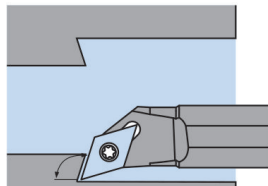
BORING BAR - STWCR/L - 60° | INSERT - TCMT - 60°



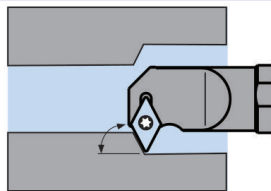
MODEL NO	L	INSERT 	SCREW 	ALLEN KEY 
S08K-STWCR/L09	125	TC-0902	ST-2.2	T-7
S10K-STWCR/L11	125	TC-1102	ST-2.5	T-8
S12M-STWCR/L11	150			
S16Q-STWCR/L11	180			
S20R-STWCR/L11	200			
S25R-STWCR/L16	200	TC-16T3	ST-4.0	T-20
S32S-STWCR/L16	250			
S40T-STWCR/L16	300			



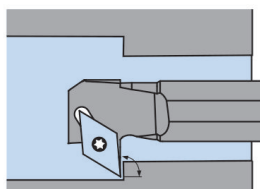
				
S10K-SDUCR/L07	125	DC-0702	ST-2.5	T-8
S12M-SDUCR/L07	150			
S16Q-SDUCR/L07	180			
S16Q-SDUCR/L11	180	DC-11T3	ST-4.0	T-20
S20R-SDUCR/L11	200			
S25R-SDUCR/L11	200			
S32S-SDUCR/L11	250			
S40T-SDUCR/L11	300			
S50U-SDUCR/L11	350			



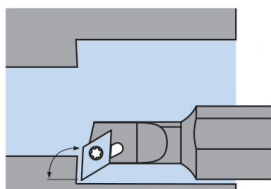
				
S10K-SDQCR/L07	125	DC-0702	ST-2.5	T-8
S12M-SDQCR/L07	150			
S16Q-SDQCR/L07	180			
S16Q-SDQCR/L11	180	DC-11T3	ST-4.0	T-20
S20R-SDQCR/L11	200			
S25R-SDQCR/L11	200			
S32S-SDQCR/L11	250			
S40T-SDQCR/L11	300			



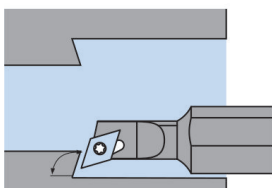
				
S12M-SDNNR/L07	150	DC-0702	ST-2.5	T-8
S16Q-SDNNR/L07	180			
S20R-SDNNR/L07	200			
S20R-SDNNR/L11	200	DC-11T3	ST-4.0	T-20
S25R-SDNNR/L11	200			
S32S-SDNNR/L11	250			



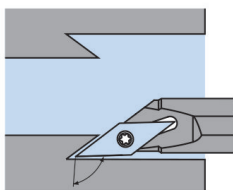
				
S10K-SDZCR/L07	125	DC-0702	ST-2.5	T-8
S12M-SDZCR/L07	150			
S16Q-SDZCR/L07	180			
S20R-SDZCR/L11	200	DC-11T3	ST-4.0	T-15
S25R-SDZCR/L11	200			
S32S-SDZCR/L11	250			
S40T-SDZCR/L11	300			



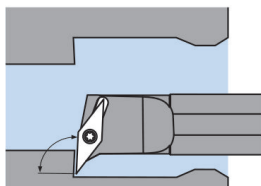
				
S0810J-SDUCR/L07	110	DC-0702	ST-2.5	T-8
S1016J-SDUCR/L07	125			
S1216M-SDUCR/L07	150			
S1016S -SDUCR/L07	125	S0810J-SDUCR07, S1012K-SDUCR07, S1216M-SDUCR07		



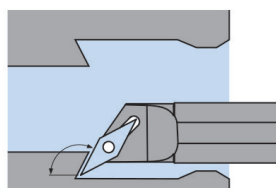
				
S0810J-SDQCR/L07	110	DC-0702	ST-2.5	T-8
S1012K-SDQCR/L07	125			
S1216M-SDQCR/L07	150			
S1016SET-SDQCR/L07	125	S0810J-SDQCR07, S1012K-SDQCR07, S1216M-SDQCR07		



				
S10K-SVJBR/L11	125	VB-1103	ST-2.5	T-8
S12M-SVJBR/L11	150			
S16Q-SVJBR/L11	180			
S20R-SVJBR/L11	200			
S16Q-SVJBR/L16	180	VB-1604	ST-4.0	T-20
S20R-SVJBR/L16	200			
S25R-SVJBR/L16	200			
S32S-SVJBR/L16	250			
S40T-SVJBR/L16	300			

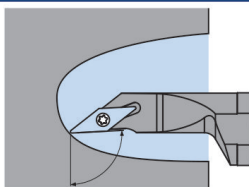


				
S16Q-SVUBR/L11	180	VB-1103	ST-2.5	T-8
S20R-SVUBR/L11	200			
S25R-SVUBR/L11	200			
S25R-SVUBR/L16	200	VB-1604	ST-4.0	T-20
S32S-SVUBR/L16	250			
S40T-SVUBR/L16	300			



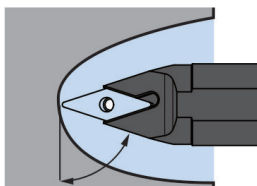
				
S16Q-SVQBR/L11	180	VB-1103	ST-2.5	T-8
S20R-SVQBR/L11	200			
S25R-SVQBR/L11	200			
S25R-SVQBR/L16	200	VB-1604	ST-4.0	T-20
S32S-SVQBR/L16	250			
S40T-SVQBR/L16	300			

BORING BAR - SVJBR/L - 93° | INSERT - VBMT - 35°

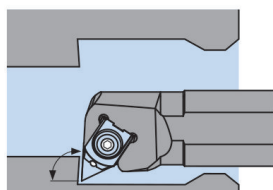


				
S16K-FSVJBR/L11	125	VB-1103	ST-2.5	T-8
S20M-FSVJBR/L11	150			
S25M-FSVJBR/L11	150			

BORING BAR - SVVBNR/L - 72° | INSERT - VBMT - 35°



				
S32S-SVVBN16	250	VB-1604	ST-4.0	T20
S40T-SVVBN16	300			

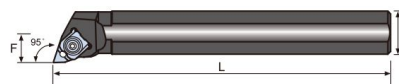
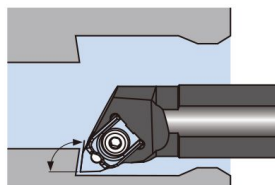


								
S25R-BTUNR/L16	200	TN-1604	SMT-322	ST-994	TN16-2	ST-668	C-5	SW 4M
S25T-BTUNR/L16	300							
S32S-BTUNR/L16	250							
S32U-BTUNR/L16	350							
S40T-BTUNR/L16	300							
S40W-BTUNR/L16	450							
S50U-BTUNR/L16	350							
S50Y-BTUNR/L16	500							
S60V-BTUNR/L16	400							
S60X-BTUNR/L16	600							
S63Y-BTUNR/L16	500							

BORING BAR - MTJNR/L - 95° | INSERT - TNMG - 60°

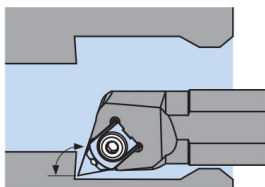


							
S20R-MTJNR/L16	200	TN-1604	SMT-322	ST-8874	ST-16-5	ST-6676	SW 3M
S25R-MTJNR/L16	250						
S32S-MTJNR/L16	300						



MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	CLASP	ALLEN KEY
S20R -BWLNR/L06	200	WN-0604	-	ST-994	WN06-2	ST 668	C-5	SW 4M
S25R -BWLNR/L06	200							
S25R -BWLNR/L08	200	WN-0804	SMW-422	ST-996	WN08-4	ST 668	C-6	SW 4M
S25T -BWLNR/L08	300							
S32S -BWLNR/L08	250							
S32U -BWLNR/L08	350							
S40T -BWLNR/L08	300							
S40W -BWLNR/L08	450							
S50U -BWLNR/L08	350							
S50T -BWLNR/L08	500							

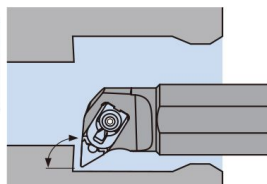
MODEL NO	L	INSERT 	SHIM 	SCREW OF SHIM 	CLAMP 	SCREW 	ALLEN KEY 
S16Q-TWLNR/L06	180	WN-0604	-	ST 886	DLM-4	DLS-4	SW 3M
S20R-TWLNR/L08	200	WN-0804					
S25R-TWLNR/L08	200						
S32S-TWLNR/L08	250						
S40T-TWLNR/L08	300						
S50U-TWLNR/L08	350		SMT-422				



MODEL NO	L	INSERT 	SHIM 	SCREW OF SHIM 	CLAMP 	SCREW 	CLASP 	ALLEN KEY 
S25R-BTQNR/L16	200	TN-1604	SMT-322	ST-994	TN16-2	ST 668	C-5	SW 4M
S32S-BTQNR/L16	250				TN16-3		C-6	
S40T-BTQNR/L16	300							
S50U-BTQNR/L16	350							

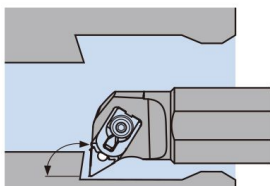
MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	ALLEN KEY
T25R-TTQNR/L16	500	TN-1604	SMT-322	ST-984	DLM-4	DLS-4	SW 3M
T32S-TTQNR/L16	400						
T40T-TTQNR/L16	600						
T50U-TTQNR/L16	500						

BORING BAR - BDUNR/L - 93° INSERT - DNMG - 55°



MODEL NO	L	INSERT 	SHIM 	SCREW OF SHIM 	CLAMP 	SCREW 	CLASP 	ALLEN KEY 
S40T-BDUNR/L15	300	DN-1504	SMD-463	ST-994	DN-15	ST-668	C-6	SW 4M
S50U-BDUNR/L15	350							
S40T-BDUNR/L15A	300	DN-1506	SMD-466					
S50U-BDUNR/L15A	350							

MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	ALLEN KEY
S25R-TDUNR/L15	200	DN-1506	SMD-463	ST-884	DLM-4	DLS-4	SW 3M
S32S-TDUNR/L15	250						
S40T-TDUNR/L15	300						
S50U-TDUNR/L15	350						

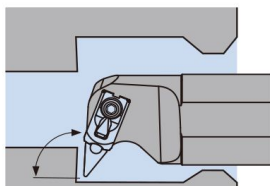


MODEL NO	L	INSERT 	SHIM 	SCREW OF SHIM 	CLAMP 	SCREW 	CLASP 	ALLEN KEY 					
S40T-BDQNR/L15	300	DN-1504	SMD-463	ST-668	DN-15	ST-668	C-6	SW 4M					
S50U-BDQNR/L15	350												
S40T-BDQNR/L15A	300	DN-1506	SMD-466										
S50U-BDQNR/L15A	350												

MODEL NO	L	INSERT 	SHIM 	SCREW OF SHIM 	CLAMP 	SCREW 	ALLEN KEY 
S25R-TDQNR/L15	200	DN-1506	SMD-463	ST 886	DLM-4	DLS-4	SW 3M
S32S-TDQNR/L15	250						
S40T-TDQNR/L15	300						
S50U-TDQNR/L15	350						

STS TOOLS

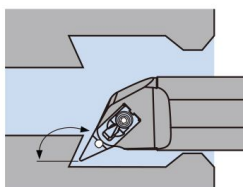
■ BORING BAR - BVUNR/L - 93° | INSERT - VNMG - 35°



MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	CLASP	ALLEN KEY
S40T-BVUNR/L16	300	VN-1604	SMV-322	ST-994	VN-16	ST-666	C-5	SW 4M
S50U-BVUNR/L16	350							

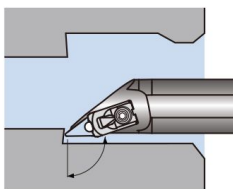
MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	ALLEN KEY
S25R-TVJNR/L16	200	VN-1604	SMV-322	ST 884	DLM-4	DLS-4	SW 3M
S32S-TVJNR/L16	250						
S40T-TVJNR/L16	300						
S50U-TVJNR/L16	350						

■ BORING BAR - BVQNR/L - 93° | INSERT - VNMG - 35°



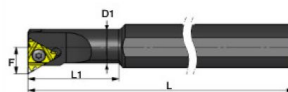
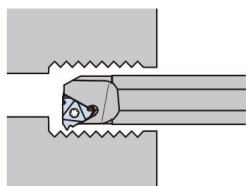
MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	CLASP	ALLEN KEY
S40T-BVQNR/L16	300	VN-1604	SMV-322	ST-994	VN-16	ST-666	C-5	SW 4M
S50U-BVQNR/L16	350							

MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	ALLEN KEY
S25R-TVQNR/L16	200	VN-1604	SMV-322	ST-884	DLM-4	DLS-4	SW 3M
S32S-TVQNR/L16	250						
S40T-TVQNR/L16	300						
S50U-TVQNR/L16	350						



MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	CLASP	ALLEN KEY
S40T-BVLNR/L16	300	VN-1604	SMV-322	ST-994	VN-16	ST 666	C-5	SW 4M
S50U-BVLNR/L16	350							

MODEL NO	L	INSERT	SHIM	SCREW OF SHIM	CLAMP	SCREW	ALLEN KEY
S25R-TVLNR/L16	200	VN-1604	SMV-322	ST-884	DLM-4	DLS-4	SW 3M
S32S-TVLNR/L16	250						
S40T-TVLNR/L16	300						
S50U-TVLNR/L16	350						



MODEL NO	L	INSERT	D	L1	D Min	TOP SCREW	ALLEN KEY
SIR0005	90	H06	C10	T15	6.0	RS06	T-6
SIR0007				T15	7.8		
SIR0008	90	K08	C16	T20	9.0	RS08	T-6
SIR0008				T25			
SIR0010				T15			
SIR0010	90	K11	C16	T20	12	RS11	T-8
SIR0010				T25			
SIR0013				T15			
SIR0013	90	K11	C16	T20	14	RS11	T-8
SIR0013				T25			
SIR0013	100			T30			
SIR0016				T15			
SIR0016	90	K11	C16	T20	16	RS11	T-10
SIR0016	100			T25			



MODEL NO	 L	D	D1	MIN BORE DIA	L	L1	F	INSERT SCREW	ANVIL SCREW	Torx KEY	RH ANVIL	LH ANVIL
*SIR 0016 P16	16	20	16	19	170	40	11.7	S16S	-	K16	-	-
SIR 0020 P16	16	20	20	24	170	-	13.7	S16	A16	K16	AI16	AE16
SIR 0025 R16	16	25	25	29	200	-	16.2	S16	A16	K16	AI16	AE16
SIR 0032 S16	16	32	32	36	250	-	19.7	S`6	A16	K16	AI16	AE16
SIR 0040 T16	16	40	40	44	300	-	23.7	S16	A16	K16	AI16	AE16
SIR 0050 U16	16	50	50	54	350	-	28.7	S16	A16	K16	AI16	AE16
*SIR 0020 P22	22	20	20	24	170	-	15.6	S22S	-	K22	-	-
SIR 0025 R22	22	25	25	29	200	-	18.1	S22	A22	K22	AI22	AE22
SIR 0032 S22	22	32	32	38	250	-	21.6	S22	A22	K22	AI22	AE22
SIR 0040 T22	22	40	4	46	300	-	25.6	S22	A22	K22	AI22	AE22
SIR 0050 U22	22	50	50	56	350	-	30.6	S22	A22	K22	AI22	AE22
SIR 0032 S22U	22U	32	32	38	250	-	24.4	S22	A22	K22	AI22U	AE22U
SIR 0040 T22U	22U	40	40	46	300	-	28.1	S22	A22	K22	AI22U	AE22U
SIR 0050 U22U	22U	50	50	57	350	-	30.8	S22	A22	K22	AI22U	AE22U
SIR 0032 S27	27	32	32	40	250	-	22.6	S27	A27	K27	AI27	AE27
SIR 0040 T27	27	40	40	48	300	-	26.6	S27	A27	K27	AI27	AE27
SIR 0050 U27	27	50	50	58	350	-	31.6	S27	A27	K27	AI27	AE27
SIR 0060 V27	27	60	60	68	400	-	36.6	S27	A27	K27	AI27	AE27
SIR 0032 S27U	27U	32	32	40	250	-	25.8	S27	A27	K27	AI27U	AE27U
SIR 0040 T27U	27U	40	40	48	300	-	29.4	S27	A27	K27	AI27U	AE27U
SIR 0050 U27U	27U	50	50	58	350	-	34.4	S27	A27	K27	AI27U	AE27U
SIR 0060 V27U	27U	60	60	68	400	-	39.7	S27	A27	K27	AI27U	AE27U
*SIR 0050 U33U	33U	50	50	62	350	-	37.5	S33	-	K33	-	-

*Toolholders with no anvil

For LEFT HAND toolholders specify SIL instead of SIR.

Toolholders are made with a 1.5° Helix Angle.