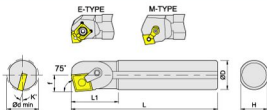




TURNING BORING BARS



BORING BARS - MCKN

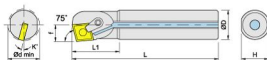


Right-hand shown

Code No.	Dimensions, mm							Insert						
	D	L	L1	f	H	K	dmin							
S32S-ECKNR/L-12	32	250	-	22	-	14	40	CN..1204..	SMC-432	LW-4	-	CN12-4	CS80	C-6
S40T-ECKNR/L-12	40	300	-	27	-	12	50							
S50U-ECKNR/L-12	50	350	-	35	-	12	63							

Code No.	Dimensions, mm							Insert						
	D	L	L1	f	H	K	dmin							
S20R-MCKNR/L-12	20	200	36	13	18	15	25	CN..1204..	-	MLP44	PL25	MC620	MS620	PL30
S25R-MCKNR/L-12	25	200	40	15	23	13	30							
S32S-MCKNR/L-12	32	250	48	20	30	13	40							
S40T-MCKNR/L-12	40	300	55	25	37	12	50							
S50U-MCKNR/L-12	50	350	60	30	47	10	60							
S60V-MCKNR/L-12	60	400	60	35	57	9	70							

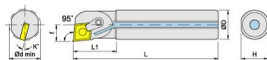
BORING BARS - MCKN



Right-hand shown

Code No.	Dimensions, mm						Insert							
	D	L	L1	f	H	K								dmin
A20R-MCKNR/L-12	20	200	36	13	18	15	25	CN..1204..	—	MLP44	PL25	MC620	MS620	PL30
A25R-MCKNR/L-12	25	200	40	15	23	13	30							
A32S-MCKNR/L-12	32	250	48	20	30	13	40							
A40T-MCKNR/L-12	40	300	55	25	37	12	50		CMS432	MLP46	PL25	MC620	MS625	PL30

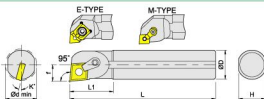
BORING BARS - MCLN



Right-hand shown

Code No.	Dimensions, mm							Insert						
	D	L	L1	f	H	K	dmin							
A20R-MCLNR/L-12	20	200	36	13	18	15	25	CN..1204..	-	MLP44	PL25	MC620	MS620	PL30
A25R-MCLNR/L-12	25	200	40	15	23	13	30							
A32S-MCLNR/L-12	32	250	48	20	30	13	40							
								CMS432	MLP46	PL25	MC620	MS625	PL30	

BORING BARS - MCLN

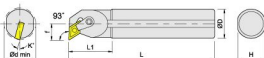


Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
S32S-ECLNR/L-12	32	250	-	22	-	14	40	CN..1204..	SMC-432	LW-4B	-	CN12-2	CS80	C-6
S40T-ECLNR/L-12	40	300	-	27	-	12	50							
S50U-ECLNR/L-12	50	350	-	35	-	12	63							

Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
S16Q-MCLNR/L-12	16	180	-	11	-	20	20	CN..1204..	-	LCS-511	LW025	CP50-26	CS7-5018	-
S20R-MCLNR/L-12	20	200	36	13	18	15	25			MLP44	PL25	MC620	MS620	PL30
S25R-MCLNR/L-12	25	200	40	15	23	13	30			MLP44	PL25	MC620	MS620	PL30
S32S-MCLNR/L-12	32	250	48	20	30	13	40		CMS432	MLP46	PL25	MC620	MS625	PL30
S40T-MCLNR/L-12	40	300	55	25	37	12	50							
S50U-MCLNR/L-12	50	350	60	30	47	10	60							
S60V-MCLNR/L-12	60	400	60	35	57	9	70	CN..1606..	SMC-432	LCS-617	-	CP50-22	CS7-6030	LW030
S63Y-MCLNR/L-12	63	500	-	38	-	10	75							
S40T-MCLNR/L-16	40	300	-	27	-	11	50							
S50U-MCLNR/L-16	50	350	-	35	-	12	63	CN..1606..	SMC-533	LCS0822	-	CP50-22	CS7-6030	LW030
S63Y-MCLNR/L-16	63	500	-	38	-	10	75							
S50U-MCLNR/L-19	50	350	-	35	-	12	63	CN..1906..	SMC-633	LCS-1022	-	CP50-29	CS7-8030	LW040
S63Y-MCLNR/L-19	63	500	-	38	-	10	75							

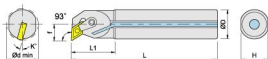
BORING BARS - MDUN



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
S25R-MDUNR/L-1504	25	200	40	17	23	13	32	DN..1504..	DMS432	MLP44	PL25	MC620	MS620	PL30
S32S-MDUNR/L-1504	32	250	50	21	30	13	40							
S40T-MDUNR/L-1504	40	300	-	27	-	10	50							
S50U-MDUNR/L-1504	50	350	-	35	-	10	63	DN..1506..	SMD-443	LCS-617	-	CP50-24	CS7-6030	LW030
S32S-MDUNR/L-1506	32	250	-	22	-	17	40							
S40T-MDUNR/L-1506	40	300	-	27	-	15	50							
S50U-MDUNR/L-1506	50	350	-	35	-	12	63							

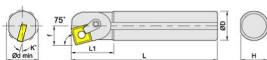
BORING BARS - MDUN



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
A25R-MDUNR/L-15	25	200	40	17	23	13	32	DN..1504..	-	MLP44	PL25	MC620	MS620	PL30
A32S-MDUNR/L-15	32	250	50	21	30	13	40							

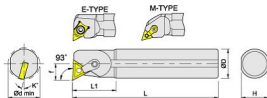
BORING BARS - MSKN



Right-hand shown

Code No.	Dimensions, mm						Insert							
	D	L	L1	f	H	K								dmin
S20R-MSKNR/L-12	20	200	-	13	-	17	25	SN..1204..	-	LCS-511	-	CP50-21 CP50-22	CS70-20 CS70-21	-
S25R-MSKNR/L-12	25	200	-	17	-	14	32		-	-	-	CP50-22	CP70-21	-
S32S-MSKNR/L-12	32	250	-	22	-	14	40		-	-	-	CP50-22	CP70-21	-
S40T-MSKNR/L-12	40	300	55	25	37	12	50		-	-	-	-	-	-
S50U-MSKNR/L-12	50	350	60	30	47	10	60		SMS432	MLP46	PL25	MC620	MS625	PL30
S60V-MSKNR/L-12	60	400	60	36	57	9	70							

BORING BARS - MTUN

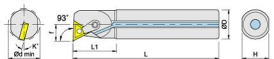


Right-hand shown

Code No.	Dimensions, mm					Insert	Shim	Pin	Clamp	Screw	Wrench
	D	L	f	K	dmin						
S25R-ETUNR/L-16	25	200	17	12	32	TN..1604..	-	LT-2	TN16-2	CS60E	C-6
S32R-ETUNR/L-16	32	250	22	10	40		-	LT-4	-	-	-
S40T-ETUNR/L-16	40	300	27	10	50		SMT-332	LT-3	TN16-3	CS80	C-6
S50U-ETUNR/L-16	50	350	35	8	63		-	-	-	-	-

Code No.	Dimensions, mm							Insert						
	D	L	L1	f	H	K	dmin							
S16Q-MTUNR/L-16A	16	180	-	11	-	20	20	TN..1604..	-	LCS-510	LW020	CP50-26	CS7-5018	LW025
S20R-MTUNR/L-16	20	200	36	13	18	15	25		-	MLP33L	PL20	MC515	MS520	PL25
S25R-MTUNR/L-16	25	200	40	15	23	13	30		-	-	-	-	-	-
S32S-MTUNR/L-16	32	250	48	20	30	13	40		-	-	-	-	-	-
S40T-MTUNR/L-16	40	300	55	26	37	10	50		TMS322	MLP34L	PL20	MC515	MS625	PL30
S50U-MTUNR/L-16	50	350	60	31	47	9	60		-	-	-	-	-	-
S60V-MTUNR/L-16	60	400	60	36	57	8	70		-	-	-	-	-	-
S63Y-MTUNR/L-16A	63	500	-	37.5	-	10	75		SMT322	LCS-513	LW020	CP50-22	CS7-6030	LW040
S40Y-MTUNR/L-22A	40	300	-	26.5	-	15	50		SMT433	LCS-617	LW030	CP50-28	CS7-8030	LW040
S50U-MTUNR/L-22A	50	350	-	31	-	12	63		-	-	-	-	-	-

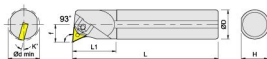
BORING BARS - MTUN



Right-hand shown

Code No.	Dimensions, mm							Insert						
	D	L	L1	f	H	K	dmin							
A20R-MTUNR-16	20	200	36	13	18	15	25	TN..1604..	-	MLP33L	PL20	MC515	MS520	PL25
A25R-MTUNR-16	25	200	40	15	23	13	30		-	-	-	-	-	-
A32S-MTUNR-16	32	250	48	20	30	13	40		TMS322	MLP34L	PL20	MC620	MS620	PL30

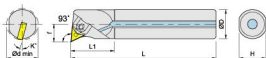
BORING BARS - WTUN



Right-hand shown

Code No.	Dimensions, mm							Insert	Pin	Shim	Clamp	Wrench
	D	L	L1	f	H	K	dmin					
S25R-WTUNR/L-16	25	200	45	16	23	12	32	TN..1604..	FC1-M514	FB2-161	FA2-02	FE1-20
S32S-WTUNR/L-16	32	250	48	20	30	13	40		SCP315	TMS322	MCW3-P25	PL25
S40T-WTUNR/L-16	40	300	55	26	37	10	50		SCP318	TMS322	MCW3-P25	PL25
S40U-WTUNR/L-16	40	350	60	31	47	9	60					
S50U-WTUNR/L-16	50	350	60	31	47	9	60					
S50V-WTUNR/L-16	50	400	60	31	47	9	60					
S60V-WTUNR/L-16	60	400	60	36	57	8	70					

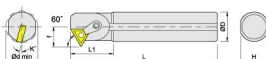
BORING BARS - WTUN



Right-hand shown

Code No.	Dimensions, mm							Insert	Pin	Shim	Clamp	Wrench
	D	L	L1	f	H	K	dmin					
A32S-WTUNR/L-16	32	250	48	20	30	13	40	TN..1604..	SCP315	TMS322	MCW3-P25	PL25
A40T-WTUNR/L-16	40	300	55	26	37	10	50		SCP318	TMS322	MCW3-P25	PL25
A40U-WTUNR/L-16	40	350	55	26	37	10	50		SCP318	TMS322	MCW3-P25	PL25

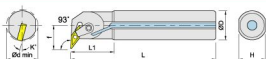
BORING BARS - MTWN



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
S16Q-MTWNR/L-16	16	180	-	11	-	20	20	TN..1604..	-	LCS-510	LW020	CP50-26	CS7-5018	LW025
S20R-MTWNR/L-16	20	200	-	13	-	17	25		-	LCS-510	LW020	CP50-26	CS7-5018	LW025
S25R-MTWNR/L-16	25	200	-	17	-	12	32		-	LCS-510	LW020	CP50-22	CS7-6024	LW030
S32S-MTWNR/L-16	32	250	48	20	30	13	40		TMS322	MLP34L	PL20	MC620	MS620	PL30
S40T-MTWNR/L-16	40	300	-	24	-	15	50		SMT-322	LCS-513	LW020	CP50-22	CS7-6030	LW030
S50U-MTWNR/L-16	50	350	-	29	-	12	57		SMT-322	LCS-513	LW020	CP50-22	CS7-6030	LW030

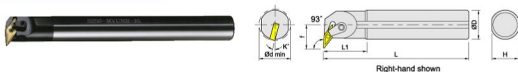
BORING BARS - MVUN



Right-hand shown

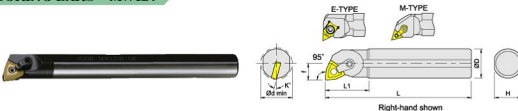
Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
A25R-MVUNR/L-16	25	200	40	18	23	13	32	VN..1604..	-	MLP33L	PL20	MC515	MS520	PL25
A32S-MVUNR/L-16	32	250	50	22	30	15	40		VMS322	MLP34L	PL20	MC620	MS625	PL30

BORING BARS - MVUN



Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
S25R-MVUNR/L-16	25	200	40	18	23	13	32	VN..1804..	-	MLP33L	PL20	MC515	MS520	PL25
S32S-MVUNR/L-16	32	250	50	22	30	15	40		VMS322	MLP34L	PL20	MC620	MS625	PL30
S40T-MVUNR/L-16	40	300	-	26	-	15	50		SMV-322	LCS-513	-	CP50-25	CS70-22	-
S50U-MVUNR/L-16	50	350	-	32	-	12	63							

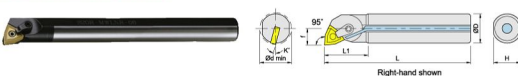
BORING BARS - MWLN



Code No.	Dimensions, mm					Insert	Shim	Pin	Clamp	Screw	Wrench
	D	L	f	K	dmin						
S20R-EWLNRL-06	20	200	13	17	25	WN..0804..	-	LT-2	WN06-2	CS60E	C-6
S25R-EWLNRL-06	25	200	17	14	32			LW-3	WN08-3		
S25R-EWLNRL-08	25	200	17	14	32	WN..0804..	SMW-422	LW-4B	WN08-4	CS80	C-6
S32S-EWLNRL-08	32	250	22	14	40						
S40T-EWLNRL-08	40	300	27	12	50						
S50U-EWLNRL-08	50	350	35	12	63						

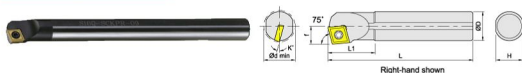
Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
S20R-MWLNRL-08	20	200	36	13	18	15	25	WN..0804..	-	MLP44	PL25	MC515	MS520	PL25
S25R-MWLNRL-08	25	200	40	15	23	13	30							
S32S-MWLNRL-08	32	250	48	20	30	13	40							
S40T-MWLNRL-08	40	300	55	26	37	10	50							
S50U-MWLNRL-08	50	350	60	31	47	9	60							
S60V-MWLNRL-08	60	400	60	36	57	8	70							

BORING BARS - MWLN



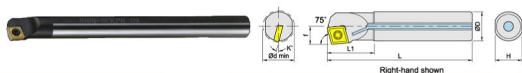
Code No.	Dimensions, mm							Insert	Shim	Pin	Wrench	Clamp	Screw	Wrench
	D	L	L1	f	H	K	dmin							
A20R-MWLNRL-08	20	200	36	13	18	15	25	WN..0804..	-	MLP44	PL25	MC515	MS520	PL25
A25R-MWLNRL-08	25	200	40	15	23	13	30							
A32S-MWLNRL-08	32	250	48	20	30	13	40		WMS432	MLP46	PL25	MC515	MS520	PL25

BORING BARS - SCKC/P



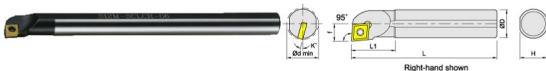
Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
S08K-SCKCR/L-06	8	125	18	5	7	15	10	CC..0602..	MS2506A	TF9
S10K-SCKCR/L-06	10	125	22	6	9	13	12			
S12M-SCKCR/L-06	12	150	26	8	11	10	16			
S16Q-SCKCR/L-06	16	180	32	10	15	7	20			
S12M-SCKCR/L-09	12	150	26	8	11	11	16	CC..09T3..	MS4009A	TF15
S16Q-SCKCR/L-09	16	180	32	10	15	7	20			
S20R-SCKCR/L-09	20	200	36	13	18	5	25			
S25R-SCKCR/L-09	25	200	-	17	-	5	32			
S08H-SCKPR/L-06	8	100	-	6	-	10	10	CP..0602..	CS35090	FT-15
S10K-SCKPR/L-06	10	125	-	7	-	8	13		CS25050	
S12M-SCKPR/L-06	12	150	-	9	-	6	16		CS25060	FT-7
S16Q-SCKPR/L-06	16	180	-	11	-	6	20			
S12M-SCKPR/L-09	12	150	-	9	-	6	16	CP..0903..	CS40090	FT-15
S16Q-SCKPR/L-09	16	180	32	10	15	7	20		MS4009A	TF15
S20R-SCKPR/L-09	20	200	-	13	-	4	25		CS40090	FT-15
S25R-SCKPR/L-09	25	200	-	17	-	4	32			

BORING BARS - SCKC/P



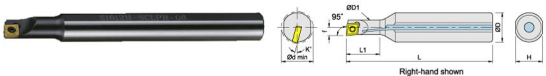
Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A08K-SCKCR/L-06	8	125	18	5	7	15	10	CC..0602..	MS2506A	TF9
A10K-SCKCR/L-06	10	125	22	6	9	13	12			
A12M-SCKCR/L-06	12	150	26	8	11	10	16			
A16Q-SCKCR/L-06	16	180	32	10	15	7	20			
A12M-SCKCR/L-09	12	150	26	8	11	11	16	CC..09T3..	MS4009A	TF15
A16Q-SCKCR/L-09	16	180	32	10	15	7	20			
A20R-SCKCR/L-09	20	200	36	13	18	5	25			
A16Q-SCKCR/L-09	16	180	32	10	15	7	20			
								CP..0903..	MS4009A	TF15

BORING BARS - SCLC/P



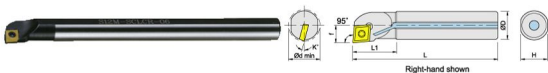
Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
S08K-SCLCR/L-06	8	125	18	5	7	15	10	CC..0602..	MS2506A	TF9
S08K-SCLCR-06-D09	8	125	18	4.5	7	15	9			
S10K-SCLCR/L-06	10	125	22	6	9	13	12			
S10K-SCLCR-06-D11	10	125	22	5.5	9	13	11			
S12M-SCLCR/L-06	12	150	26	8	11	10	16			
S12M-SCLCR-06-D13	12	150	26	6.5	11	10	13			
S14Q-SCLCR-06	14	180	26	8	13	10	16			
S16Q-SCLCR/L-06	16	180	32	10	15	7	20			
S12M-SCLCR/L-09	12	150	26	8	11	10	16			
S15Q-SCLCR/L-09	15	180	32	8.5	14	10	17			
S16Q-SCLCR/L-09	16	180	32	10	15	7	20	CC..09T3..	MS4009A	TF15
S16Q-SCLCR-09-D18	16	180	32	9	15	7	18			
S18Q-SCLCR-09	18	180	32	10	17	7	20			
S20R-SCLCR/L-09	20	200	36	13	18	5	25			
S22R-SCLCR/L-09	22	200	40	12.5	20	5	25			
S25R-SCLCR/L-09	25	200	40	15	23	5	30	CC..09T3..	MS4011A	TF15
S32S-SCLCR/L-12	32	250	48	20	30	5	38	CP..1204..	MS5011A	TF20
S40T-SCLCR/L-12	40	300	55	26	37	3	50			
S40V-SCLCR/L-12	40	400	55	26	37	3	50	CP..0602..	MS2506A	TF9
S08K-SCLPR/L-06	8	125	18	5	7	10	10			
S10K-SCLPR/L-06	10	125	22	6	9	8	12			
S12M-SCLPR/L-06	12	150	26	8	11	7	16	CP..0802..	MS3008A	TF9
S10K-SCLPR/L-08	10	125	22	6	9	8	12			
S12M-SCLPR/L-08	12	150	26	8	11	7	16			
S12M-SCLPR/L-08-D13	12	150	26	6.5	11	7	13	CP..0903..	MS4009A	TF15
S12M-SCLPR/L-09	12	150	26	8	11	7	16			
S16Q-SCLPR/L-09	16	180	32	10	15	7	20			
S16Q-SCLPR-09-D18	16	180	32	10	15	7	18			
S20R-SCLPR/L-09	20	200	36	13	18	4	25			
S25R-SCLPR/L-09	25	200	40	15	23	0	30	CP..0903..	MS4011A	TF15

BORING BARS - SCLC/P



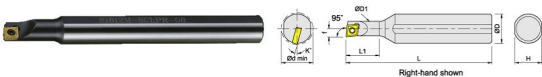
Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	D1	L	L1	f	H	K	dmin			
A1004K-SCLCR-03M	10	4	125	12	2.5	9	15	5	CC..0301..	MS1604A	TF6
A1204H-SCLCR-03E	12	4	100	8	2.5	11	15	5	CC..0301..	MS1604A	TF6
A1206K-SCLCR-04K	12	6	125	14	3.5	11	13	7	CC..0401..	MS2004A	TF6
A1607K-SCLCR-06	16	7	125	20	4	15	13	8	CC..0602..	MS2506A	TF9
A1608K-SCLCR-06A	16	8	125	20	4.5	15	11	9			
A1609K-SCLCR-06	16	8	125	25	4.5	15	11	9			
A1609K-SCLCR-06	16	9	125	25	5	15	11	10	CP..0802..	MS3008A	TF9
A1612M-SCLPR-08	16	12	150	30	7	15	7	14			

BORING BARS - SCLC/P



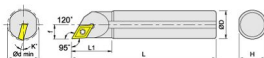
Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A08K-SCLCR/L-06	8	125	18	5	7	15	10	CC..0602..	MS2506A	TF9
A08K-SCLCR-06-D09	8	125	18	4.5	7	15	9			
A10K-SCLCR/L-06	10	125	22	6	9	13	12			
A10K-SCLCR-06-D11	10	125	22	5.5	9	13	11			
A12M-SCLCR/L-06	12	150	26	8	11	10	16	CC..09T3..	MS4009A	TF15
A12M-SCLCR-06-D13	12	150	26	6.5	11	10	13			
A16Q-SCLCR/L-06	16	180	32	10	15	7	20			
A12M-SCLCR/L-09	12	150	26	8	11	10	16			
A16Q-SCLCR/L-09	16	180	32	10	15	7	20	CC..09T3..	MS4009A	TF15
A16Q-SCLCR-09-D18	16	180	32	9	15	7	18			
A20R-SCLCR/L-09	20	200	36	13	18	5	25			
A25R-SCLCR/L-09	25	200	40	15	23	5	30			
A32S-SCLCR/L-12	32	250	48	20	30	5	38	CP..1204..	MS5011A	TF20
A08K-SCLPR/L-06	8	125	18	5	7	10	10			
A10K-SCLPR/L-06	10	125	22	6	9	8	12			
A12M-SCLPR/L-06	12	150	26	8	11	7	16			
A10K-SCLPR/L-08	10	125	22	6	9	8	12	CP..0602..	MS2506A	TF9
A12M-SCLPR/L-08	12	150	26	8	11	7	16			
A12M-SCLPR/L-09	12	150	26	8	11	7	16			
A12M-SCLPR/L-08	12	150	26	8	11	7	16			
A16Q-SCLPR/L-09	16	180	32	10	15	7	20	CP..0802..	MS3008A	TF9
A16Q-SCLPR-09-D18	16	180	32	10	15	7	18			
A20R-SCLPR/L-09	20	200	36	13	18	4	25			
A25R-SCLPR/L-09	25	200	40	15	23	0	30			
								CP..0903..	MS4009A	TF15
								CP..0903..	MS4011A	TF15

BORING BARS - SCLC/P



Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	D1	L	L1	f	H	K	dmin			
S1004K-SCLCR-03M	10	4	125	12	2.5	9	15	5	CC..0301...	MS1604A	TF6
S1204H-SCLCR-03E	12	4	100	8	2.5	11	15	5	CC..0301...	MS1604A	TF6
S1206K-SCLCR-04K	12	6	125	14	3.5	11	13	7	CC..0401...	MS2004A	TF6
S1607K-SCLCR-06	16	7	125	20	4	15	13	8	CC..0602...	MS2506A	TF9
S1608K-SCLCR-06A	16	8	125	20	4.5	15	11	9			
S1608K-SCLCR-06	16	8	125	25	4.5	15	11	9			
S1609K-SCLCR-06	16	9	125	25	5	15	11	10			
S1612M-SCLPR-08	16	12	150	30	7	15	7	14			
S2014M-SCLPR-08	20	14	150	30	7.5	18	7	15	CP..0802...	MS3008A	TF9
S2016Q-SCLPR-09	20	16	180	20	10.5	18	7	21	CP..0903...	MS4009A	TF15

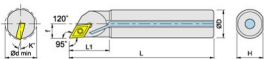
BORING BARS - SDJC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw 	Wrench 
	D	L	L1	f	H	K	dmin			
S08K-SDJCR/L-07	8	125	22	5	7	15	10	DC..0702..	MS2506A	TF9
S10K-SDJCR/L-07	10	125	25	6	9	13	12			
S12M-SDJCR/L-07	12	150	30	7	11	10	14			
S16Q-SDJCR/L-07	16	180	38	9.5	15	7	19			
S16Q-SDJCR/L-11	16	180	38	9.5	15	7	19	DC..11T3..	MS4009A	TF15
S20R-SDJCR/L-11	20	200	42	11.5	18	7	23			
S25R-SDJCR/L-11	25	200	45	14	23	5	28	DC..11T3..	MS4011A	TF15
S32S-SDJCR/L-11	32	250	48	17.5	30	5	35			

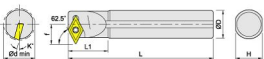
BORING BARS - SDJC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A08K-SDJCR/L-07	8	125	22	5	7	15	10	DC..0702..	MS2506A	TF9
A10K-SDJCR/L-07	10	125	25	6	9	13	12			
A12M-SDJCR/L-07	12	150	30	7	11	10	14			
A16Q-SDJCR/L-07	16	180	38	9.5	15	7	19			
A16Q-SDJCR/L-11	16	180	38	9.5	15	7	19	DC..11T3..	MS4009A	TF15
A20R-SDJCR/L-11	20	200	42	11.5	18	7	23			
A25R-SDJCR/L-11	25	200	45	14	23	5	28			

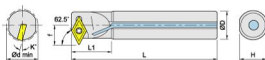
BORING BARS - SDNC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw 	Wrench 
	D	L	L1	f	H	K	dmin			
S12M-SDNCR/L-07	12	150	25	9	11	7	16	DC..0702..	MS2506A	TF9
S16Q-SDNCR/L-07	16	180	30	11	15	7	20			
S20R-SDNCR/L-11	20	200	35	15	18	7	25		MS4009A	TF15
S25R-SDNCR/L-11	25	200	35	17	23	5	32	DC..11T3..	MS4011A	TF15
S32S-SDNCR/L-11	32	250	40	20.5	30	5	40			

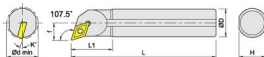
BORING BARS - SDNC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A12M-SDNCR/L-07	12	150	25	9	11	7	16	DC..0702..	MS2506A	TF9
A16Q-SDNCR/L-07	16	180	30	11	15	7	20			
A20R-SDNCR/L-11	20	200	35	15	18	7	25	DC..11T3..	MS4009A	TF15
A25R-SDNCR/L-11	25	200	35	17	23	5	32			

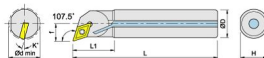
BORING BARS - SDQC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
S10K-SDQCR/L-07	10	125	22	6	9	13	13	DC..0702..	MS2506A	TF9
S12M-SDQCR/L-07	12	150	30	8	11	10	16			
S16Q-SDQCR/L-07	16	180	35	10	15	7	20			
S16Q-SDQCR/L-11	16	180	35	10	15	7	20			
S20R-SDQCR/L-11	20	200	40	13	18	7	25	DC..11T3..	MS4009A	TF15
S25R-SDQCR/L-11	25	200	45	15	23	5	32			
S32S-SDQCR/L-11	32	250	48	20	30	5	40			
S40T-SDQCR/L-11	40	300	55	25	37	3	50			
S50U-SDQCR/L-11	50	350	60	30	47	2	60			

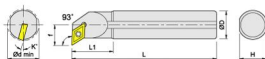
BORING BARS - SDQC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A10K-SDQCR/L-07	10	125	22	6	9	13	13	DC..0702..	MS2506A	TF9
A12M-SDQCR/L-07	12	150	30	8	11	10	16			
A16Q-SDQCR/L-07	16	180	35	10	15	7	20			
A16Q-SDQCR/L-11	16	180	35	10	15	7	20			
A20R-SDQCR/L-11	20	200	40	13	18	7	25	DC..11T3..	MS4009A	TF15
A25R-SDQCR/L-11	25	200	45	15	23	5	32			
A32S-SDQCR/L-11	32	250	48	20	30	5	40			
A40T-SDQCR/L-11	40	300	55	25	37	3	50			

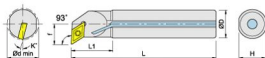
BORING BARS - SDUC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
C10M-SDUCR07	10	150	-	7	-	10	13	DC..0702..	CS25060	TF-7
C12Q-SDUCR07	12	180	-	9	-	8	16			
C16R-SDUCR07	16	200	-	11	-	6	20			
E10Q-SDUCR07	10	180	-	7	-	10	13			
E12R-SDUCR07	12	200	-	9	-	8	16		MS2506A	TF9
E16R-SDUCR07	16	200	-	11	-	6	20			
S10K-SDUCR/L-07	10	125	25	7	9	13	13			
S12M-SDUCR/L-07	12	150	30	9	11	10	16			
S16Q-SDUCR/L-07	16	180	30	11	15	7	20	DC..11T3..	CS25060	TF-7
S20R-SDUCR/L-07	20	200	-	13	-	5	25		MS4009A	TF15
S16Q-SDUCR/L-11	16	180	30	11	15	7	20			
S20R-SDUCR/L-11	20	200	40	13	18	7	25			
S25R-SDUCR/L-11	25	200	45	17	23	5	32			
S32S-SDUCR/L-11	32	250	48	20	30	5	40			
S40T-SDUCR/L-11	40	300	55	25	37	3	50			

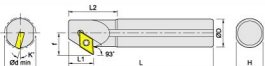
BORING BARS - SDUC



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A10K-SDUCR/L-07	10	125	25	7	9	13	13	DC..0702..	MS2506A	TF9
A12M-SDUCR/L-07	12	150	30	9	11	10	16			
A16Q-SDUCR/L-07	16	180	30	11	15	7	20			
A16Q-SDUCR/L-11	16	180	30	11	15	7	20			
A20R-SDUCR/L-11	20	200	40	13	18	7	25	DC..11T3..	MS4009A	TF15
A25R-SDUCR/L-11	25	200	45	17	23	5	32			
A32S-SDUCR/L-11	32	250	48	20	30	5	40			
A40T-SDUCR/L-11	40	300	55	25	37	3	50			

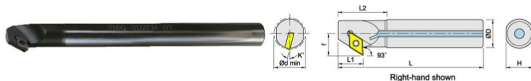
BORING BARS - SDZC



Right-hand shown

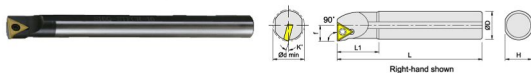
Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	L2	f	H	K			
S10M-SDZC/L-07	10	150	12	25	8.5	9	13	DC..0702..	MS2506A	TF9
S12M-SDZC/L-07	12	150	12	28	10.5	11	10			
S16Q-SDZC/L-07	16	180	12	30	12.5	15	7			
S20R-SDZC/L-11	20	200	18	35	15.5	18	7			
S25R-SDZC/L-11	25	200	18	40	18	23	5	DC..11T3..	MS4009A	TF15
S32S-SDZC/L-11	32	250	18	60	21.5	30	5			

BORING BARS - SDZC



Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	L	L1	L2	f	H	K	dmin			
A10M-SDZCR/L-07	10	150	12	25	8.5	9	13	14	DC..0702..	MS2506A	TF9
A12M-SDZCR/L-07	12	150	12	28	10.5	11	10	17			
A16Q-SDZCR/L-07	16	180	12	30	12.5	15	7	21			
A20R-SDZCR/L-11	20	200	18	35	15.5	18	7	26			
A25R-SDZCR/L-11	25	200	18	40	18	23	5	33	DC..11T3..	MS4009A	TF15
A32S-SDZCR/L-11	32	250	18	60	21.5	30	5	40			

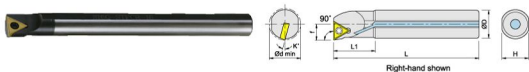
BORING BARS - STFC



Code No.	Dimensions, mm							Insert	Screw 	Wrench 
	D	L	L1	f	H	K	dmin			
S06H-STFCR-06	6	100	15	3.5	5	15	7	TC..0601..	MS2004A	TF6
S08K-STFCR/L-09	8	125	18	5.5	7	15	10			
S10K-STFCR/L-09	10	125	22	6	9	13	12	TC..0902..	MS2006A	TF7
S10K-STFCR/L-11	10	125	22	6	9	13	12			
S12M-STFCR/L-11	12	150	26	8	11	10	16	TC..1102..	MS2506A	TF9
S12M-STFCR-11-D13	12	150	26	8	11	10	13			
S16Q-STFCR/L-11	16	180	32	10	15	7	20	TC..16T3..	MS4011A	TF15
S16Q-STFCR/L-16	16	180	32	10	15	7	20			
S20R-STFCR/L-16	20	200	36	13	18	5	25			
S25R-STFCR/L-16	25	200	40	15	23	5	30			
S32S-STFCR/L-16	32	250	48	20	30	5	38			

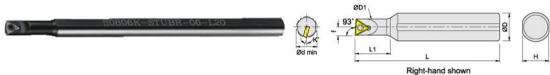
Code No.	Dimensions, mm					Insert	Screw	Wrench
	D	L	f	K	dmin			
S08K-STFCR/L09-10	8	125	5.5	12	10	TC..0902..	CS22	T-7
S10K-STFCR/L09-12	10	125	6.5	15	12			
S12M-STFCR/L09-14	12	150	7.5	10	14			
S10K-STFCR/L11-12	10	125	6.5	15	12			
S12M-STFCR/L11-14	12	150	7.5	10	14	TC..1102..	CS25	T-8
S16Q-STFCR/L11-18	16	180	9.5	6	18			
S20R-STFCR/L11-22	20	200	11.5	3	22			
S20R-STFCR/L16-22	20	200	11.5	3	22			
C08K-STFCR09-10	8	125	5.5	12	10	TC..16T3..	CS35	TF-15
C10M-STFCR09-12	10	150	6.5	15	12	TC..0902..	CS22	T-7
C12Q-STFCR09-14	12	180	7.5	10	14			
C12Q-STFCR11-14	12	180	7.5	10	14			
C16R-STFCR11-18	16	200	9.5	6	18			
C20S-STFCR11-22	20	250	11.5	3	22	TC..1102..	CS25	T-8

BORING BARS - STFC



Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A08K-STFCR/L-09	8	125	18	5.5	7	15	10	TC..0902..	MS2206A	TF7
A10K-STFCR/L-09	10	125	22	6	9	13	12			
A10K-STFCR/L-11	10	125	22	6	9	13	12			
A12M-STFCR/L-11	12	150	26	8	11	10	16			
A12M-STFCR-11-D13	12	150	26	8	11	10	13	TC..1102..	MS2506A	TF9
A16Q-STFCR/L-11	16	180	32	10	15	7	20			
A16Q-STFCR/L-16	16	180	32	10	15	7	20	TC..16T3..	MS4011A	TF15
A20R-STFCR/L-16	20	200	36	13	18	5	25			
A25R-STFCR/L-16	25	200	40	15	23	5	30			
A32S-STFCR/L-16	32	250	48	20	30	5	38			

BORING BARS - STUB



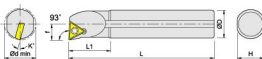
Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	D1	L	L1	f	H	K			
S0806K-STUBR/L-06-L20	8	6	125	20	3.5	7	12	TB..0601..	MS2004A	TF6
S0806K-STUBR/L-06-L35	8	6	125	35	3.5	7	12			
S0807K-STUBR/L-06-L20	8	7	125	20	4.5	7	12		MS2005A	TF6
S1207K-STUBR/L-06-L20	12	7	125	20	4.5	11	12			

BORING BARS - STUB



Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	D1	L	L1	f	H	K			
A0806K-STUBR/L-06-L20	8	6	125	20	3.5	7	12	TB..0601..	MS2004A	TF6
A0806K-STUBR/L-06-L35	8	6	125	35	3.5	7	12			
A0807K-STUBR/L-06-L20	8	7	125	20	4.5	7	12		MS2005A	TF6
A1207K-STUBR/L-06-L20	12	7	125	20	4.5	11	12			

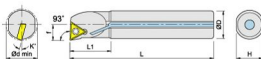
BORING BARS - STUC/P



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
S08K-STUCR/L-09	8	125	18	5.5	7	15	10	TC..0902..	MS2006A	TF6
S10K-STUCR/L-09	10	125	22	6	9	13	12			
S12M-STUCR-09	12	150	26	8	11	10	16	TC..1102..	MS2506A	TF9
S14M-STUCR-09	14	150	26	8	13	10	16			
S10K-STUCR/L-11	10	125	22	6	9	13	12			
S12M-STUCR/L-11	12	150	26	8	11	10	16			
S16Q-STUCR/L-11	16	180	32	10	15	7	20	TC..16T3..	MS4011A	TF15
S16Q-STUCR/L-11-D18	16	180	32	9	15	7	18			
S20R-STUCR/L-16	20	200	36	13	18	7	25	TP..0802..	MS2206A	TF7
S25R-STUCR/L-16	25	200	40	15	23	5	30			
S32S-STUCR/L-16	32	250	48	20	30	5	38	TP..0902..	MS2506A	TF9
S32T-STUCR/L-16	32	300	48	20	30	5	38			
S08K-STUPR/L-08	8	125	18	5.5	7	10	10	TP..1103..	MS3008A	TF9
S08K-STUPR/L-09	8	125	18	5.5	7	10	10			
S10K-STUPR/L-09	10	125	22	6	9	8	12			
S10K-STUPR/L-11	10	125	22	6	9	8	12			
S12M-STUPR/L-11	12	150	26	8	11	10	16			
S12M-STUPR/L-11-D13	12	150	26	6.5	11	10	13			
S14Q-STUPR-11	14	180	26	8	13	10	16			
S15Q-STUPR-11	15	180	32	8.5	14	10	17			
S16Q-STUPR/L-11	16	180	32	10	15	7	20			
S16Q-STUPR/L-11-D18	16	180	32	9	15	7	18			
S18Q-STUPR/L-11	18	180	32	10	17	7	20			
S20R-STUPR/L-11	20	200	36	13	18	7	25			
S22R-STUPR-11	22	200	40	12.5	20	5	25			
S23R-STUPR-11	23	200	40	13	21	5	26			
S25R-STUPR/L-11	25	200	40	15	23	0	30			
S20R-STUPR/L-1603	20	200	36	13	18	4	25	TP..1603..	MS4011A	TF15
S25R-STUPR/L-1603	25	200	40	15	23	0	30			
S32S-STUPR/L-1603	32	250	48	20	30	0	38	TP..16T3..	MS4011A	TF15
S20R-STUPR/L-16T3	20	200	36	13	18	4	25			
S25R-STUPR/L-16T3	25	200	40	15	23	0	30	TP..1604..	MS4011A	TF15
S32S-STUPR/L-16T3	32	250	48	20	30	0	38			
S20R-STUPR/L-1604	20	200	36	13	18	4	25			
S25R-STUPR/L-1604	25	200	40	15	23	0	30			
S32S-STUPR/L-1604	32	250	48	20	30	0	38			

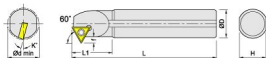
BORING BARS - STUC/P



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A08K-STUCR/L-09	8	125	18	5.5	7	15	10	TC..0902..	MS2206A	TF6
A10K-STUCR/L-09	10	125	22	6	9	13	12			
A10K-STUCR/L-11	10	125	22	6	9	13	12			
A12M-STUCR/L-11	12	150	26	8	11	10	16			
A16Q-STUCR/L-11	16	180	32	10	15	7	20	TC..16T3..	MS4011A	TF15
A20R-STUCR/L-16	20	200	36	13	18	7	25			
A25R-STUCR/L-16	25	200	40	15	23	5	30			
A32S-STUCR/L-16	32	250	48	20	30	5	38			
A08K-STUPR/L-08	8	125	18	5.5	7	10	10	TP..0802..	MS2206A	TF7
A08K-STUPR/L-09	8	125	18	5.5	7	10	10			
A10K-STUPR/L-09	10	125	22	6	9	8	12			
A10K-STUPR/L-11	10	125	22	6	9	8	12			
A12M-STUPR/L-11	12	150	26	8	11	10	16	TP..1103..	MS3008A	TF9
A12M-STUPR/L-11-D13	12	150	26	6.5	11	10	13			
A16Q-STUPR/L-11-D18	16	180	32	10	15	7	20			
A16Q-STUPR/L-11-D18	16	180	32	9	15	7	18			
A20R-STUPR/L-11	20	200	36	13	18	7	25	TP..1603..	MS4011A	TF15
A25R-STUPR/L-11	25	200	40	15	23	0	30			
A20R-STUPR/L-1603	20	200	36	13	18	4	25			
A25R-STUPR/L-1603	25	200	40	15	23	0	30			
A32S-STUPR/L-1603	32	250	48	20	30	0	38	TP..16T3..	MS4011A	TF15
A20R-STUPR/L-16T3	20	200	36	13	18	4	25			
A25R-STUPR/L-16T3	25	200	40	15	23	0	30			
A32S-STUPR/L-16T3	32	250	48	20	30	0	38			
A20R-STUPR/L-1604	20	200	36	13	18	4	25	TP..1604..	MS4011A	TF15
A25R-STUPR/L-1604	25	200	40	15	23	0	30			
A32S-STUPR/L-1604	32	250	48	20	30	0	38			

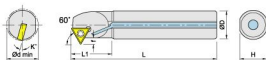
BORING BARS - STWC/P



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
S10K-STWCR/L-11	10	125	23	2.5	9	15	13	TC..1102..	MS2506A	TF9
S12M-STWCR/L-11	12	150	30	2.5	11	13	16			
S16Q-STWCR/L-11	16	180	30	2.5	15	10	20			
S20R-STWCR/L-11	20	200	40	2.5	18	7	25			
S20R-STWCR/L-16	20	200	40	4.5	18	8	26	TC..16T3..	MS4011A	TF15
S25R-STWCR/L-16	25	200	45	4.5	23	6	30			
S32S-STWCR/L-16	32	250	45	4.5	30	4	40			
S0808K-STWBR-06-L15	8	125	15	1.5	7	12	9			
S08K-STWPR/L-08	8	125	23	2	7	10	11	TB..B601..	MS2004A	TF6
S08K-STWPR/L-09	8	125	23	2	7	10	11			
S10K-STWPR/L-09	10	125	23	2.5	9	15	13			
S10K-STWPR/L-11	10	125	23	2.5	9	15	13			
S12M-STWPR/L-11	12	150	30	2.5	11	13	16	TP..1103..	MS3008A	TF9

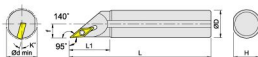
BORING BARS - STWC/P



Right-hand shown

Code No.	Dimensions, mm							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A10K-STWCR/L-11	10	125	23	2.5	9	15	13	TC..1102..	MS2506A	TF9
A12M-STWCR/L-11	12	150	30	2.5	11	13	16			
A16Q-STWCR/L-11	16	180	30	2.5	15	10	20			
A20R-STWCR/L-11	20	200	40	2.5	18	7	25			
A20R-STWCR/L-16	20	200	40	4.5	18	8	26	TC..16T3..	MS4011A	TF15
A25R-STWCR/L-16	25	200	45	4.5	23	6	30			
A32S-STWCR/L-16	32	250	45	4.5	30	4	40			
A08K-STWPR/L-08	8	125	23	2	7	10	11			
A08K-STWPR/L-09	8	125	23	2	7	10	11	TP..0802..	MS2005A	TF7
A10K-STWPR/L-09	10	125	23	2.5	9	15	13			
A10K-STWPR/L-11	10	125	23	2.5	9	15	13	TP..1103..	MS3008A	TF9
A12M-STWPR/L-11	12	150	30	2.5	11	13	16			

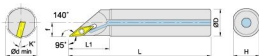
BORING BARS - SVJB/C



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Screw	Wrench	Screw	Wrench
	D	L	L1	f	H	K	dmin						
S10K-SVJBR/L-11	10	125	25	6	9	13	12	VB..1103..	-	-	-	MS2506B	TF9
S12M-SVJBR/L-11	12	150	30	7	11	10	14						
S16Q-SVJBR/L-11	16	180	38	9.5	15	7	19	VB..1604..	-	-	-	MS3509B	TF15
S20R-SVJBR/L-16	20	200	42	11.5	18	7	23						
S25R-SVJBR/L-16	25	200	45	14	23	5	28	VC..0802..	-	-	-	MS2005A	TF6
S08K-SVJCR/L-08	8	125	22	5	7	15	10						
S10K-SVJCR/L-08	10	125	25	6	9	13	12	VC..1103..	-	-	-	MS2506B	TF9
S10K-SVJCR/L-11	10	125	25	6	9	13	12						
S12M-SVJCR/L-11	12	150	30	7	11	10	14	VC..1604..	-	-	-	MS3509B	TF15
S16Q-SVJCR/L-11	16	180	38	9.5	15	7	19						
S16Q-SVJCR/L-16	16	180	38	9.5	15	7	19	VC..1604..	-	-	-	MS3509B	TF15
S20R-SVJCR/L-16	20	200	42	11.5	18	7	23						
S25R-SVJCR/L-16	25	200	45	14	23	5	28						

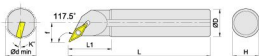
BORING BARS - SVJB/C



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Screw	Wrench	Screw	Wrench
	D	L	L1	f	H	K	dmin						
A10K-SVJBR/L-11	10	125	25	6	9	13	12	VB..1103..	-	-	-	MS2506B	TF9
A12M-SVJBR/L-11	12	150	30	7	11	10	14						
A16Q-SVJBR/L-11	16	180	38	9.5	15	7	19	VB..1604..	-	-	-	MS3509B	TF15
A16Q-SVJBR/L-16	16	180	38	9.5	15	7	19						
A20R-SVJBR/L-16	20	200	42	11.5	18	7	23	VC..0802..	-	-	-	MS2005A	TF6
A25R-SVJBR/L-16	25	200	45	14	23	5	28						
A08K-SVJCR/L-08	8	125	22	5	7	15	10	VC..1103..	-	-	-	MS2506B	TF9
A10K-SVJCR/L-08	10	125	25	6	9	13	12						
A10K-SVJCR/L-11	10	125	25	6	9	13	12	VC..1604..	-	-	-	MS3509B	TF15
A12M-SVJCR/L-11	12	150	30	7	11	10	14						
A16Q-SVJCR/L-11	16	180	38	9.5	15	7	19	VC..1604..	-	-	-	MS3509B	TF15
A16Q-SVJCR/L-16	16	180	38	9.5	15	7	19						
A20R-SVJCR/L-16	20	200	42	11.5	18	7	23	VC..1604..	-	-	-	MS3509B	TF15
A25R-SVJCR/L-16	25	200	45	14	23	5	28						

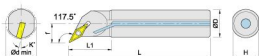
BORING BARS - SVQB/C



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Screw	Wrench	Screw	Wrench
	D	L	L1	f	H	K	dmin						
S16Q-SVQBR/L-11	16	180	35	11	15	7	20	VB..1103..	-	-	-	MS2506B	TF9
S20R-SVQBR/L-11	20	200	40	13	18	7	25						
S25R-SVQBR/L-16	25	200	45	17	23	5	32	VB..1604..	-	-	-	MS3509B	TF15
S32S-SVQBR/L-16	32	250	48	20	30	5	40						
S40T-SVQBR/L-16	40	300	60	25.5	37	5	50	VB..1103..	VSS322	MDS5035	PL35	MS3512B	TF15
S16Q-SVQCR/L-11	16	180	35	11	15	7	20						
S20R-SVQCR/L-11	20	200	40	13	18	7	25	VB..1103..	-	-	-	MS2506B	TF9
S25R-SVQCR/L-16	25	200	45	17	23	5	32		-	-	-	MS3509B	TF15
S32S-SVQCR/L-16	32	250	48	20	30	5	40	VB..1604..	VSS322	MDS5035	PL35	MS3512B	TF15
S40T-SVQCR/L-16	40	300	60	25.5	37	5	50						

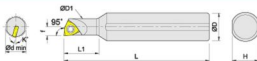
BORING BARS - SVQB/C



Right-hand shown

Code No.	Dimensions, mm							Insert	Shim	Screw	Wrench	Screw	Wrench
	D	L	L1	f	H	K	dmin						
A16Q-SVQBR/L-11	16	180	35	11	15	7	20	VB..1103..	-	-	-	MS2506B	TF9
A20R-SVQBR/L-11	20	200	40	13	18	7	25						
A25R-SVQBR/L-16	25	200	45	17	23	5	32	VB..1604..	-	-	-	MS3509B	TF15
A16Q-SVQCR/L-11	16	180	35	11	15	7	20						
A20R-SVQCR/L-11	20	200	40	13	18	7	25	VB..1103..	-	-	-	MS2506B	TF9
A25R-SVQCR/L-16	25	200	45	17	23	5	32						

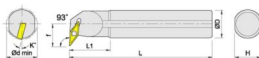
BORING BARS - SWLC



Right-hand shown

Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	D1	L	L1	f	H	K	dmin			
S0805K-SWLCR-02	8	5	125	18	3.0	7	12	6	WC..0201..	MS2004A	TF6
S1005K-SWLCR-02	10	5	125	18	3.0	9	12	6			

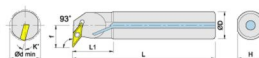
BORING BARS - SVUB/C



Right-hand shown

Code No.	Dimensions, mm							Insert					
	D	L	L1	f	H	K	dmin						
S16Q-SVUBR/L-11	16	180	30	13	15	7	22	VB..1103..	-	-	-	MS2506B	TF9
S20R-SVUBR/L-11	20	200	40	15	18	7	27	VB..1604..	-	-	-	MS3509B	TF15
S25R-SVUBR/L-16	25	200	45	18	23	5	32	VB..1604..	-	-	-	MS3509B	TF15
S12M-SVUCR-08	12	150	26	9.5	11	10	16	VC..0802..	-	-	-	MS2005A	TF6
S1612M-SVUBR-08	16	150	31	9.5	15	10	16	VC..1103..	-	-	-	MS2506B	TF9
S16Q-SVUCR/L-11	16	180	30	13	15	7	22	VC..1103..	-	-	-	MS2506B	TF9
S20R-SVUCR/L-11	20	200	40	15	18	7	27	VC..1604..	-	-	-	MS3509B	TF15
S25R-SVUCR/L-16	25	200	45	18	23	5	32	VC..1604..	-	-	-	MS3509B	TF15
S32S-SVUCR/L-16	32	250	50	22	30	5	40	VC..1604..	VSS322	MDS5035	PL35	MS3512B	TF15
S32U-SVUCR/L-16	32	350	50	22	30	5	40						
S40T-SVUCR/L-16	40	300	55	27	37	5	50						
S40U-SVUCR/L-16	40	350	55	27	37	5	50						
S40V-SVUCR/L-16	40	400	55	27	37	5	50						

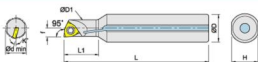
BORING BARS - SVUB/C



Right-hand shown

Code No.	Dimensions, mm							Insert					
	D	L	L1	f	H	K	dmin						
A16Q-SVUBR/L-11	16	180	30	13	15	7	22	VB..1103..	-	-	-	MS2506B	TF9
A20R-SVUBR/L-11	20	200	40	15	18	7	27	VB..1604..	-	-	-	MS3509B	TF15
A25R-SVUBR/L-16	25	200	45	18	23	5	32	VB..1604..	-	-	-	MS3509B	TF15
A12M-SVUCR-08	12	150	26	9.5	11	10	16	VC..0802..	-	-	-	MS2005A	TF6
A1612M-SVUBR-08	16	150	31	9.5	15	10	16	VC..0802..	-	-	-	MS2005A	TF6
A16Q-SVUCR/L-11	16	180	30	13	15	7	22	VC..1103..	-	-	-	MS2506B	TF9
A20R-SVUCR/L-11	20	200	40	15	18	7	27	VC..1103..	-	-	-	MS2506B	TF9
A25R-SVUCR/L-16	25	200	45	18	23	5	32	VC..1604..	-	-	-	MS3509B	TF15
A32S-SVUCR/L-16	32	250	50	22	30	5	40	VC..1604..	-	-	-	MS3509B	TF15
A32U-SVUCR/L-16	32	350	50	22	30	5	40	VC..1604..	-	-	-	MS3509B	TF15
A40T-SVUCR/L-16	40	300	55	27	37	5	50	VC..1604..	VSS322	MDS5035	PL35	MS3512B	TF15
A40U-SVUCR/L-16	40	350	55	27	37	5	50	VC..1604..	VSS322	MDS5035	PL35	MS3512B	TF15
A40V-SVUCR/L-16	40	400	55	27	37	5	50	VC..1604..	VSS322	MDS5035	PL35	MS3512B	TF15

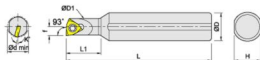
BORING BARS - SWLC



Right-hand shown

Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	D1	L	L1	f	H	K	dmin			
A0805K-SWLCR-02	8	5	125	18	3.0	7	12	6	WC..0201..	MS2004A	TF6
A1005K-SWLCR-02	10	5	125	18	3.0	9	12	6			

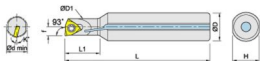
BORING BARS - SWUB



Right-hand shown

Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	D1	L	L1	f	H	K	dmin			
S1005K-SWUBR/L-06-L15	10	5	125	15	3.0	9	12	6	WB..0601..	MS2004A	TF6
S1205K-SWUBR/L-06-L15	12	5	125	15	3.0	11	12	6			
S1605K-SWUBR/L-06-L15	16	5	125	15	3.0	15	12	6		MS2005A	TF6
S1006K-SWUBR/L-06-L18	10	6	125	18	3.5	9	12	7			
S1007K-SWUBR/L-06-L20	10	7	125	20	4.0	9	12	8			

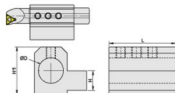
BORING BARS - SWUB



Right-hand shown

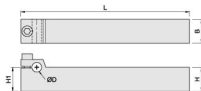
Code No.	Dimensions, mm								Insert	Screw	Wrench
	D	D1	L	L1	f	H	K	dmin			
A1005K-SWUBR/L-06-L15	10	5	125	15	3.0	9	12	6	WB..0601..	MS2004A	TF6
A1205K-SWUBR/L-06-L15	12	5	125	15	3.0	11	12	6			
A1605K-SWUBR/L-06-L15	16	5	125	15	3.0	15	12	6		MS2005A	TF6
A1006K-SWUBR/L-06-L18	10	6	125	18	3.5	9	12	7			
A1007K-SWUBR/L-06-L20	10	7	125	20	4.0	9	12	8			

BORING BARS TOOL HOLDER- SBHA



Code No.	Dimensions, mm			
	H	D	f	L
SBHA20-32	20	32	55	85
SBHA20-40	20	40	60	90
SBHA25-32	25	32	60	85
SBHA25-40	25	40	65	90

BORING BARS TOOL HOLDER - CH



Right-hand shown

Code No.	Dimensions, mm						
	ØD	H	B	L	H1		
CH-2020K-06	6	20	20	125	20	HTM620	PL50
CH-2020K-08	8						
CH-2020K-10	10						
CH-2525M-06	6	25	25	150	25		
CH-2525M-08	8						
CH-2525M-10	10						

SLEEVES FOR BORING BARS



FIG-1

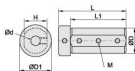
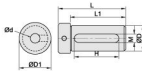


FIG-2



Code No.	Dimensions, mm							SHAPE
	d	D	L	L1	D1	H	M	
NC20-08	8	20	67	60	27	17.5	M6	FIG-1
NC20-10	10	20	67	60	27	17.5	M6	FIG-1
NC20-12	12	20	67	60	27	17.5	M6	FIG-1
NC20-16	16	20	67	60	27	55	13	FIG-2
NC25-06	6	25	64	58	35	23.5	M6	FIG-1
NC25-08	8	25	64	58	35	23.5	M6	FIG-1
NC25-10	10	25	64	58	35	23.5	M6	FIG-1
NC25-12	12	25	64	58	35	23.5	M6	FIG-1
NC25-16	16	25	64	58	35	51	12	FIG-2
NC25-20	20	25	64	58	35	51	12	FIG-2
NC32-06	6	32	85	70	38	29.5	M6	FIG-1
NC32-08	8	32	85	70	38	29.5	M6	FIG-1
NC32-10	10	32	100	85	38	29.5	M8	FIG-1
NC32-12	12	32	100	85	38	29.5	M8	FIG-1
NC32-16	16	32	100	85	38	29.5	M8	FIG-1
NC32-18	18	32	100	85	38	77	14	FIG-2
NC32-20	20	32	100	85	38	77	14	FIG-2
NC32-25	25	32	100	85	38	77	14	FIG-2
NC40-06	6	40	100	85	46	38	M8	FIG-1
NC40-08	8	40	100	85	46	38	M8	FIG-1
NC40-10	10	40	100	85	46	38	M8	FIG-1
NC40-12	12	40	100	85	46	38	M8	FIG-1
NC40-16	16	40	100	85	46	38	M8	FIG-1
NC40-18	18	40	100	85	46	77	14	FIG-2
NC40-20	20	40	100	85	46	77	14	FIG-2
NC40-25	25	40	100	85	46	77	14	FIG-2
NC40-32	32	40	100	85	46	77	14	FIG-2