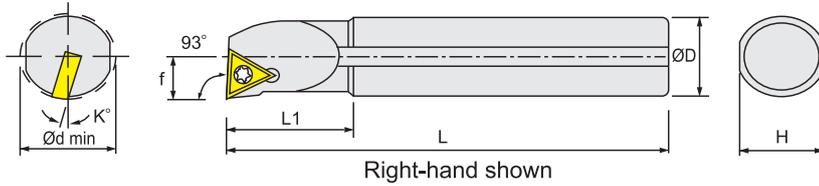


# BORING BARS 內徑車刀

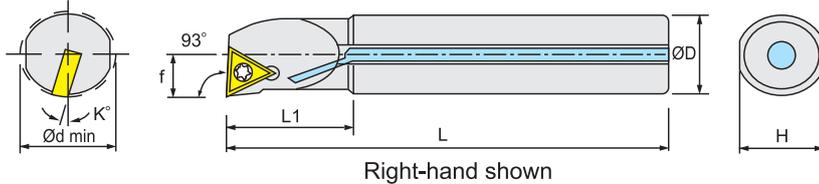


## STUP

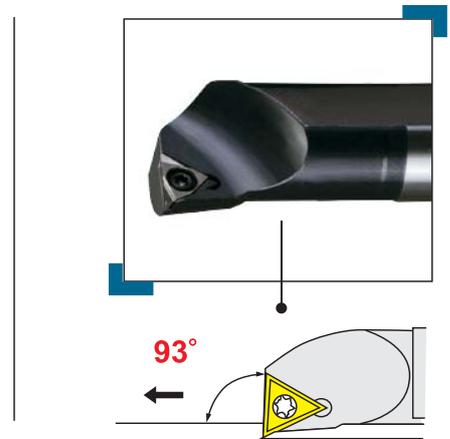
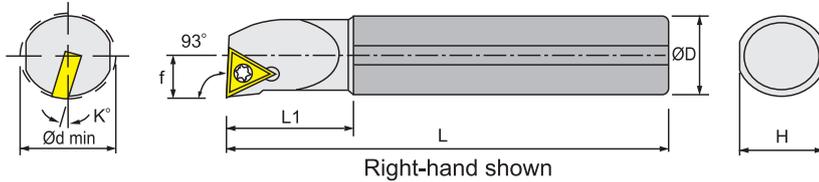
### S.-STUPR/L-.. 鋼柄 Steel shank



### A.-STUPR/L-.. 鋼柄+中心水孔 Steel shank+coolant hole



### C.-STUPR/L-.. 鎢鋼柄 Carbide shank



(Unit: mm)

Model No.	Dimensions							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
S08K-STUPR/L-08	8	125	20	5.5	7	10	10	TP..0802..	MS2205A	ETF7
S08K-STUPR/L-08-D09	8	125	20	4.5	7	10	9		MS2206A	
S10K-STUPR/L-08	10	125	22	6	9	8	12			
S10K-STUPR/L-08-D11	10	125	22	5.5	9	8	11			
S12M-STUPR/L-08	12	150	26	8	11	8	16	TP..0902..	MS2506A	ETF9
S16Q-STUPR/L-08-D18	16	180	32	9	15	7	18			
S08K-STUPR/L-09	8	125	20	5.5	7	10	10			
S10K-STUPR/L-09	10	125	22	6	9	8	12			
S10K-STUPR/L-09-D11	10	125	22	5.5	9	8	11	TP..1103..	MS3008A	ETF9
S10K-STUPR/L-11	10	125	22	6	9	8	12			
S12M-STUPR/L-11	12	150	26	8	11	8	16			
S12M-STUPR/L-11-D13	12	150	26	6.5	11	8	13			
S14Q-STUPR/L-11	14	180	26	8	13	7	16			
S15Q-STUPR/L-11	15	180	32	8.5	14	7	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	40	13	18	7	25			
S22R-STUPR-11	22	200	40	13	20	5	25	TP..1603..	MS4011A	ETF15
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	40	13	18	4	25			
S25R-STUPR/L-1603	25	200	40	16	23	0	30	TP..16T3..	MS4011A	ETF15
S32S-STUPR/L-1603	32	250	48	20	30	0	38			
S20R-STUPR/L-16T3	20	200	40	13	18	4	25	TP..1604..	MS4011A	ETF15
S25R-STUPR/L-16T3	25	200	40	16	23	0	30			
S32S-STUPR/L-16T3	32	250	48	20	30	0	38			
S20R-STUPR/L-1604	20	200	40	13	18	4	25			
S25R-STUPR/L-1604	25	200	40	16	23	0	30	TP..0802..	MS2205A	ETF7
S32S-STUPR/L-1604	32	250	48	20	30	0	38			
A08K-STUPR/L-08	8	125	20	5.5	7	10	10			
A08K-STUPR/L-08-D09	8	125	20	4.5	7	10	9			
A10K-STUPR/L-08	10	125	22	6	9	8	12	MS2206A	ETF9	
A10K-STUPR/L-08-D11	10	125	22	5.5	9	8	11			
A08K-STUPR/L-09	8	125	20	5.5	7	10	10	TP..0902..		
A10K-STUPR/L-09	10	125	22	6	9	8	12			
A10K-STUPR/L-09-D11	10	125	22	5.5	9	8	11			

\* ISO inserts recommended.

# BORING BARS 內徑車刀



## STUP

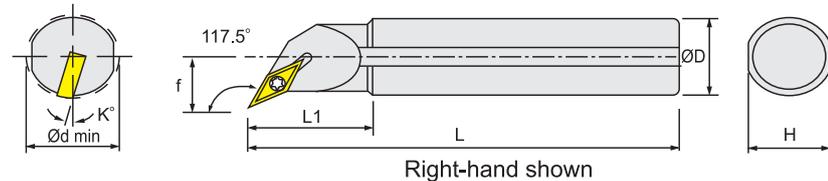
(Unit: mm)

Model No.	Dimensions							Insert	Screw	Wrench
	D	L	L1	f	H	K	dmin			
A10K-STUPR/L-11	10	125	22	6	9	8	12	TP..1103..	MS3008A	ETF9
A12M-STUPR/L-11	12	150	26	8	11	8	16			
A12M-STUPR/L-11-D13	12	150	26	6.5	11	8	13			
A16Q-STUPR/L-11	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	40	13	18	7	25			
A25R-STUPR/L-11	25	200	40	15	23	0	30			
A20R-STUPR/L-1603	20	200	40	13	18	4	25			
A25R-STUPR/L-1603	25	200	40	16	23	0	30			
A32S-STUPR/L-1603	32	250	48	20	30	0	38			
A20R-STUPR/L-16T3	20	200	40	13	18	4	25			
A25R-STUPR/L-16T3	25	200	40	16	23	0	30			
A32S-STUPR/L-16T3	32	250	48	20	30	0	38			
A20R-STUPR/L-1604	20	200	40	13	18	4	25			
A25R-STUPR/L-1604	25	200	40	16	23	0	30			
A32S-STUPR/L-1604	32	250	48	20	30	0	38			
C08K-STUPR/L-08	8	125	20	5.5	7.2	10	10	TP..0802..	MS2205A	ETF7
C08K-STUPR/L-09	8	125	20	5.5	7.2	10	10	TP..0902..	MS2506A	ETF9
C10K-STUPR/L-09	10	125	22	6	9.2	8	12	TP..1103..	MS3008A	ETF9
C10K-STUPR/L-11	10	125	22	6	9.2	8	12			
C12M-STUPR/L-11	12	150	26	8	11.2	8	16			
C12M-STUPR/L-11-D13	12	150	26	6.5	11.2	10	13			
C16R-STUPR/L-11	16	200	32	10	15.2	7	20			
C16R-STUPR/L-11-D18	16	200	32	9	15.2	7	18			

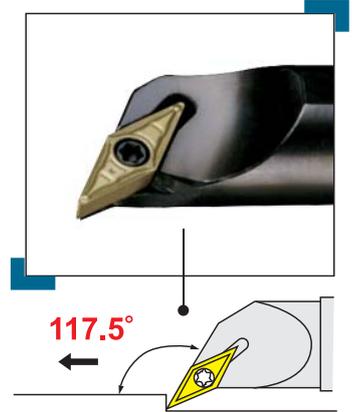
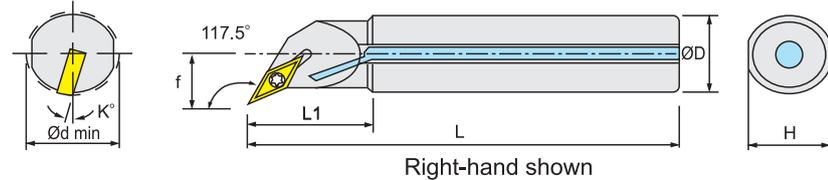
## SVQB/C

\* ISO inserts recommended.

■ S..-SVQB/CR/L.. 鋼柄 Steel shank



■ A..-SVQB/CR/L.. 鋼柄+中心水孔 Steel shank+coolant hole



(Unit: mm)

Model No.	Dimensions							Insert	Shim	Screw	Wrench	Screw	Wrench								
	D	L	L1	f	H	K	dmin														
S12M-SVQBR/L-11	12	150	28	9	11	10	16	VB..1103..	--	--	--	MS2506A	ETF9								
S16Q-SVQBR/L-11	16	180	35	11	15	7	20					MS3509B	ETF15								
S20R-SVQBR/L-11	20	200	40	13	18	7	25					MS3512B	ETF15								
S25R-SVQBR/L-16	25	200	45	16	23	5	32	VB..1604..	VSS322	MDS05035T	PL35	MS3512B	ETF15								
S32S-SVQBR/L-16	32	250	48	20	30	5	40														
S40T-SVQBR/L-16	40	300	60	25.5	37	5	50	VC..1103..	--	--	--	MS2506A	ETF9								
S12M-SVQCR/L-11	12	150	28	9	11	10	16					MS3509B	ETF15								
S16Q-SVQCR/L-11	16	180	35	11	15	7	20					MS3512B	ETF15								
S20R-SVQCR/L-11	20	200	40	13	18	7	25					VC..1064..	VSS322	MDS05035T	PL35	MS3512B	ETF15				
S25R-SVQCR/L-16	25	200	45	16	23	5	32														
S32S-SVQCR/L-16	32	250	48	20	30	5	40					VB..1103..	--	--	--	MS2506A	ETF9				
S40T-SVQCR/L-16	40	300	60	25.5	37	5	50									MS3509B	ETF15				
A16Q-SVQBR/L-11	16	180	35	11	15	7	20									VB..1604..	VSS322	MDS05035T	PL35	MS3512B	ETF15
A20R-SVQBR/L-11	20	200	40	13	18	7	25									VC..1103..	--	--	--	MS2506A	ETF9
A25R-SVQBR/L-16	25	200	45	16	23	5	32													MS3509B	ETF15
A32S-SVQBR/L-16	32	250	48	20	30	5	40	VC..1604..	--	--	--					MS3509B	ETF15				
A16Q-SVQCR/L-11	16	180	35	11	15	7	20									PL35	MS3512B	ETF15			
A20R-SVQCR/L-11	20	200	40	13	18	7	25									MS2506A	ETF9				
A25R-SVQCR/L-16	25	200	45	16	23	5	32	VC..1604..	--	--	--	MS3509B	ETF15								
A32S-SVQCR/L-16	32	250	48	20	30	5	40					PL35	MS3512B	ETF15							

\* ISO inserts recommended.