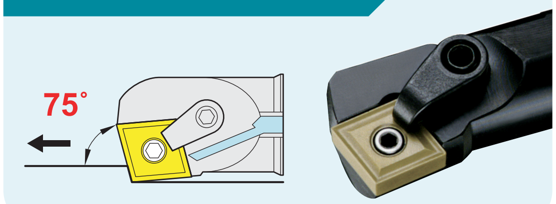
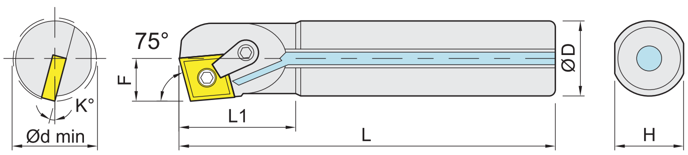
內徑車刀
BORING BARS

SHAN GIN

MCKN



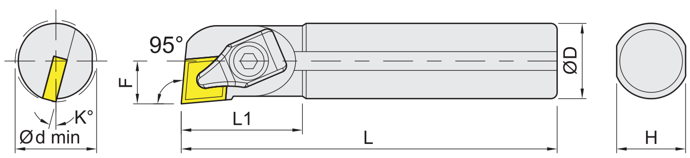


Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-MCKNR/L-12	**A20R-MCKNR/L-12**	20	200	40	13	18	15	25	CN..1204..	①	0.49
S25R-MCKNR/L-12	**A25R-MCKNR/L-12**	25	200	40	15.5	23	13	30			0.77
S32S-MCKNR/L-12	**A32S-MCKNR/L-12**	32	250	48	19.5	30	13	40	CN..1204..	②	1.58
S40T-MCKNR/L-12	**A40T-MCKNR/L-12**	40	300	55	25.5	37	12	50			2.96
S50U-MCKNR/L-12	**A50U-MCKNR-12**	50	350	60	30.5	47	10	60			5.40
S60V-MCKNR/L-12		60	400	60	35.5	57	9	70			8.88

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
CN..1204..	①	--	MLP44-A	PL25	MC620	MS620TX	ETL15
CN..1204..	②	CMS432	MLP46-A	PL25	MC620	MS625TX	ETL15

DCLN

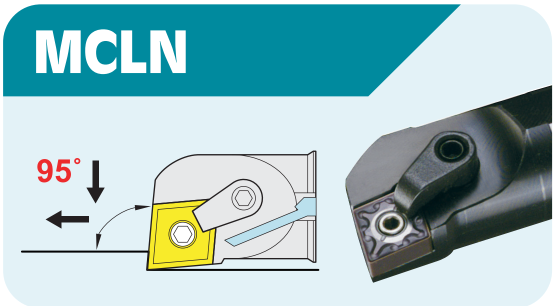


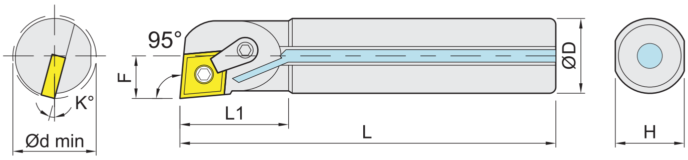
Steel shank (right shown)
鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-DCLNR/L-12		20	200	40	14	18	15	28	CN..1204..	①	0.49
S25R-DCLNR/L-12		25	200	40	15	23	13	30			0.77
NEW **S32S-DCLNR/L-12**		32	250	48	19.5	30	13	40	CN..1204..	②	1.58

Insert	Spare parts	Shim	Screw	Wrench	Clamp	Wrench
CN..1204..	①	--	--	--	MCD425	ETL20
CN..1204..	②	CMS432	MS6013F	PL40	MCD425	ETL20

MCLN



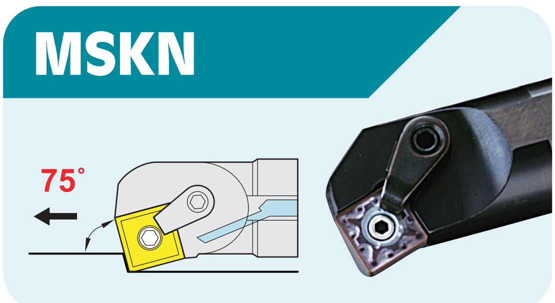


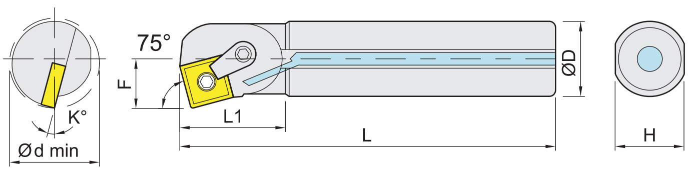
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-MCLNR/L-12	**A20R-MCLNR/L-12**	20	200	40	13	18	15	25	CN..1204..	①	0.49
S25R-MCLNR/L-12	**A25R-MCLNR/L-12**	25	200	40	15.5	23	13	30			0.77
S32S-MCLNR/L-12	**A32S-MCLNR/L-12**	32	250	48	19.5	30	13	40	CN..1204..	②	1.58
S40T-MCLNR/L-12	**A40T-MCLNR/L-12**	40	300	55	25.5	37	12	50			2.96
S50U-MCLNR/L-12		50	350	60	30.5	47	10	60			5.40
S60V-MCLNR/L-12	**A60V-MCLNR/L-12**	60	400	60	35.5	57	9	70			8.88

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
CN..1204..	①	--	MLP44-A	PL25	MC620	MS620TX	ETL15
CN..1204..	②	CMS432	MLP46-A	PL25	MC620	MS625TX	ETL15

MSKN





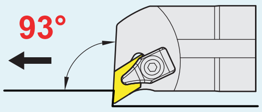
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

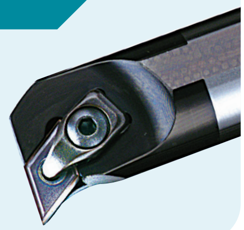
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S25R-MSKNR/L-12	**A25R-MSKNR/L-12**	25	200	40	15	23	13	30	SN..1204..	①	0.77
S32S-MSKNR/L-12	**A32S-MSKNR/L-12**	32	250	48	19.5	30	13	40		②	1.58
S40T-MSKNR/L-12		40	300	55	25.5	37	12	50			2.96
S50U-MSKNR/L-12		50	350	60	30.5	47	10	60			5.40
S60V-MSKNR/L-12		60	400	60	36	57	9	70			8.88

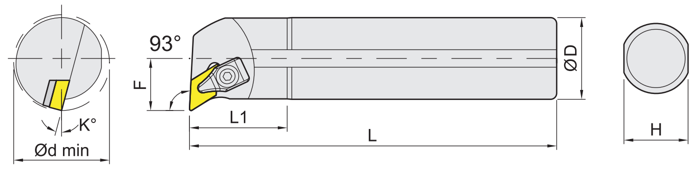
Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
SN..1204..	①	--	MLP44-A	PL25	MC620	MS620TX	ETL15
SN..1204..	②	SMS432	MLP46-A	PL25	MC620	MS625TX	ETL15

BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

DDUN







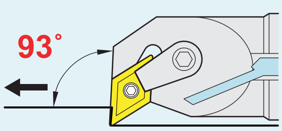
Steel shank (right shown)
鋼柄 右向示意圖

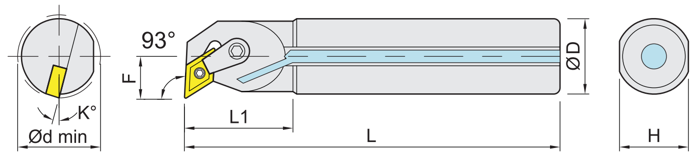
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S32S-DDUNR-1504		32	250	50	20	30	13	38	DN..1504..	①	1.58
S40S-DDUNR/L-1504		40	250	50	25.5	37	10	48		②	2.47
S32S-DDUNR-1506		32	250	50	20	30	13	38	DN..1506..	③	1.58
S40S-DDUNR-1506		40	250	50	25.5	37	10	48		④	2.47

Insert	Spare parts	Shim	Screw	Wrench	Clamp	Wrench
DN..1504..	①	DMS432	MS6013F	PL40	MCD425	ETL20
DN..1504..	②	DMS442				
DN..1506..	③	DPS422	MS6010G	ETL15		
DN..1506..	④	DMS432	MS6013F	PL40		

※此刀架本體共用。The tool is basically the same, only difference in shims.

MDUN



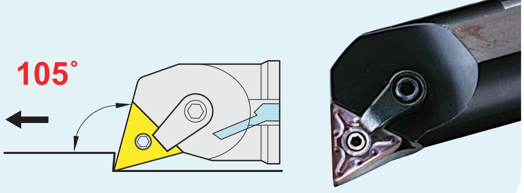


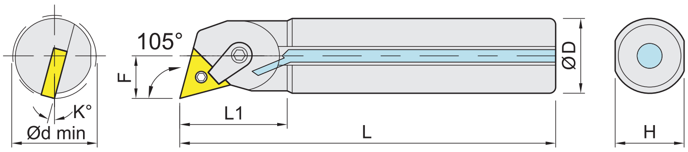
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S25R-MDUNR/L-15	**A25R-MDUNR/L-15**	25	200	45	17	23	13	32	DN..1504..	①	0.77
S32S-MDUNR/L-15	**A32S-MDUNR/L-15**	32	250	50	21	30	13	40		②	1.58

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
DN..1504..	①	--	MLP44-A	PL25	MC620	MS620TX	ETL15
DN..1504..	②	DMS432	MLP46-A	PL25	MC620	MS625TX	ETL15

MTQN



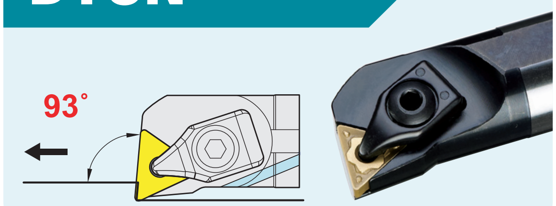


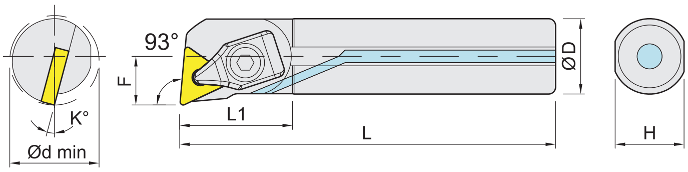
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-MTQNR/L-16	**A20R-MTQNR/L-16**	20	200	40	13	18	15	25	TN..1604..	①	0.49
S25R-MTQNR/L-16	**A25R-MTQNR/L-16**	25	200	40	15	23	13	30			0.77
S32S-MTQNR/L-16	**A32S-MTQNR/L-16**	32	250	48	20	30	13	40		②	1.58

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
TN..1604..	①	--	MLP33L-A	PL20	MC515	MS520TX	ETL10
TN..1604..	②	TMS322	MLP34L-A	PL20	MC620	MS625TX	ETL15

DTUN





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

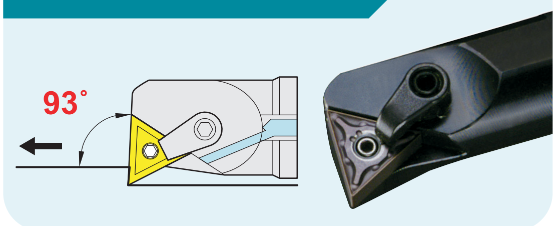
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-DTUNR/L-16	**A20R-DTUNR/L-16**	20	200	40	14	18	15	28	TN..1604..	①	0.49
S25R-DTUNR/L-16	**A25R-DTUNR/L-16**	25	200	40	15.5	23	13	30			0.77
S25S-DTUNR/L-16		25	250	40	15.5	23	13	30			0.96
S32S-DTUNR/L-16	**A32S-DTUNR/L-16**	32	250	48	19.5	30	13	40	TN..1604..	②	1.58

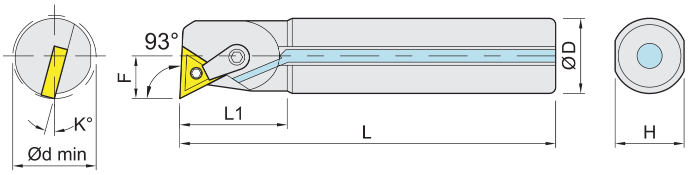
Insert	Spare parts	Shim	Screw	Wrench	Clamp	Wrench
TN..1604..	①	--	--	--	MCD324	ETL20
TN..1604..	②	TWS322	MS4008H	PL25	MCD324B	PL40

內徑車刀 BORING BARS
外徑車刀 TOOLHOLDERS
牙刀&開槽刀 THREADING & GROOVING
銑刀 MILLING
孔加工 BORING TOOLS COMPONENTS
配件 SPARE PARTS

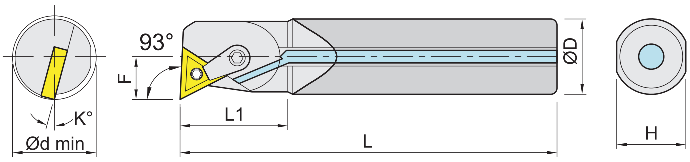
BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

MTUN





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



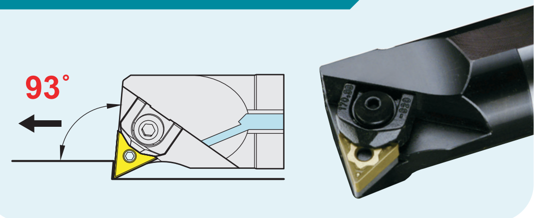
Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

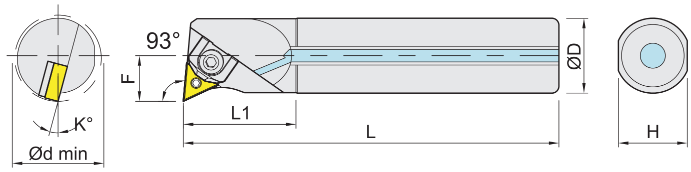
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-MTUNR/L-16	A20R-MTUNR/L-16	20	200	40	13	18	15	25	TN..1604..	①	0.49
S25R-MTUNR/L-16	A25R-MTUNR/L-16	25	200	40	15.5	23	13	30			0.77
S32S-MTUNR/L-16	A32S-MTUNR/L-16	32	250	48	19.5	30	13	40	TN..1604..	②	1.58
S40T-MTUNR/L-16	A40T-MTUNR/L-16	40	300	55	25.5	37	10	50			2.96
S50U-MTUNR/L-16	A50U-MTUNR-16	50	350	60	30.5	47	9	60			5.40
S50V-MTUNR/L-16	A50V-MTUNR-16	50	400	60	30.5	47	9	60			6.17
S60U-MTUNR/L-16		60	350	60	35.5	57	8	70			7.77
S60V-MTUNR/L-16		60	400	60	35.5	57	8	70			8.88

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	L	L1	F	H	K	dmin			
NEW C20R-MTUNR/L-16		20	200	40	13	18	15	25	TN..1604..	①	0.49
NEW C25R-MTUNR/L-16	E25R-MTUNR/L-16	25	200	40	15.5	23	13	30			0.77

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
TN..1604..	①	--	MLP33L-A	PL20	MC515	MS520TX	ETL10
TN..1604..	②	TMS322	MLP34L-A	PL20	MC620	MS625TX	ETL15

WTUN



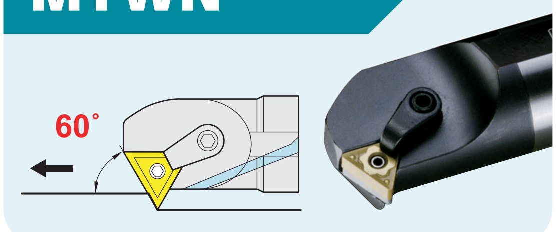


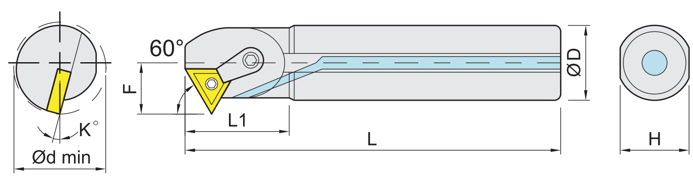
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S32S-WTUNR/L-16	**A32S-WTUNR/L-16**	32	250	48	19.5	30	13	40	TN..1604..	①	1.58
S40T-WTUNR/L-16	**A40T-WTUNR/L-16**	40	300	55	25.5	37	10	50	TN..1604..	②	2.96
S40U-WTUNR/L-16	**A40U-WTUNR/L-16**	40	350	55	25.5	37	10	50			3.45
S50U-WTUNR/L-16		50	350	60	30.5	47	9	60			5.40
S50V-WTUNR/L-16		50	400	60	30.5	47	9	60			6.17
S60U-WTUNR/L-16		60	350	60	35.5	57	8	70			7.77
S60V-WTUNR/L-16	**A60V-WTUNR/L-16**	60	400	60	35.5	57	8	70			8.88

Insert	Spare parts	Shim	Pin	Clamp	Wrench
TN..1604..	①	TMS322	SCP315	MCW3-P25	PL25
TN..1604..	②	TMS322	SCP318	MCW3-P25	PL25

MTWN



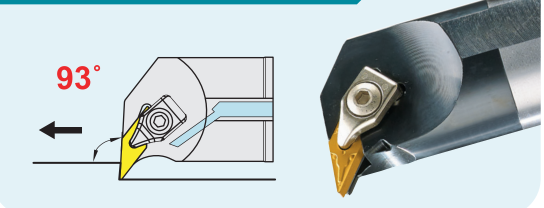


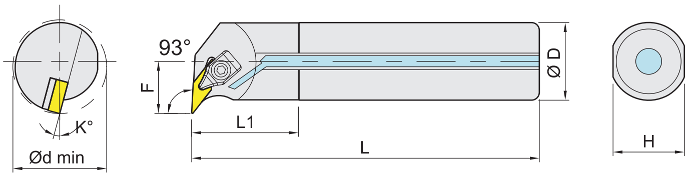
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-MTWNR/L-16	**A20R-MTWNR-16**	20	200	40	13.5	18	15	27	TN..1604..	①	0.49
S25R-MTWNR/L-16	**A25R-MTWNR-16**	25	200	40	16	23	13	32			0.77
S32S-MTWNR/L-16	**A32S-MTWNR/L-16**	32	250	48	20	30	13	40	TN..1604..	②	1.58

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
TN..1604..	①	--	MLP33L-A	PL20	MC515	MS520TX	ETL10
TN..1604..	②	TMS322	MLP34L-A	PL20	MC620	MS625TX	ETL15

DVUN



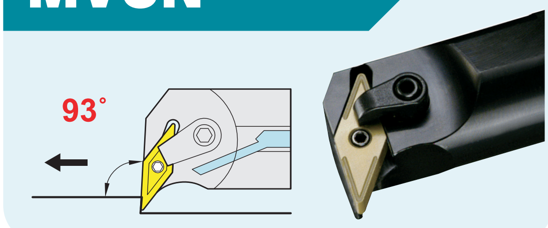


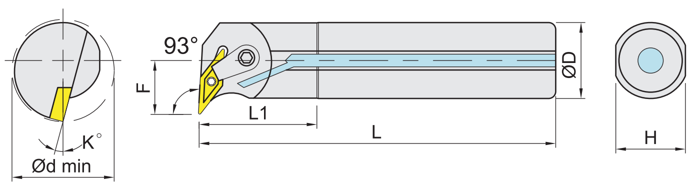
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S40T-DVUNR/L-16	**A40T-DVUNR/L-16**	40	300	55	26	37	10	50	VN..1604..	①	2.96
S40V-DVUNR/L-16	**A40V-DVUNR/L-16**	40	400	55	26	37	10	50			3.95
S50V-DVUNR/L-16	**A50V-DVUNR/L-16**	50	400	60	32	47	9	60			6.17

Insert	Spare parts	Shim	Screw	Wrench	Clamp	Wrench
VN..1604..	①	VMS322	MDS050H65T	PL35	MCD324B	ETL20

MVUN





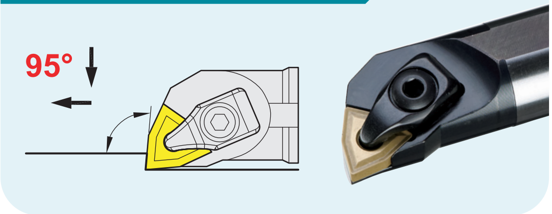
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

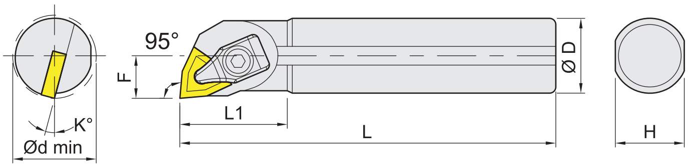
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S25R-MVUNR/L-16	**A25R-MVUNR/L-16**	25	200	45	18	23	13	32	VN..1604..	①	0.77
S32S-MVUNR/L-16	**A32S-MVUNR/L-16**	32	250	50	21	30	13	40	VN..1604..	②	1.58
S40T-MVUNR/L-16	**A40T-MVUNR/L-16**	40	300	55	26	37	10	50			2.96
S50U-MVUNR/L-16	**A50U-MVUNR/L-16**	50	350	60	32	47	9	60			5.40

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
VN..1604..	①	--	MLP33L-A	PL20	MC515	MS520TX	ETL10
VN..1604..	②	VMS322	MLP34L-A	PL20	MC620	MS625TX	ETL15

內徑車刀 BORING BARS
外徑車刀 TOOLHOLDERS
牙刀&開槽刀 THREADING & GROOVING
銑刀 MILLING
孔加工 BORING TOOLS COMPONENTS
配件 SPARE PARTS

DWLN



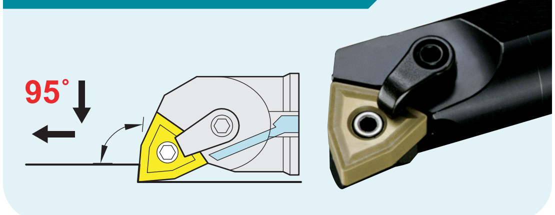


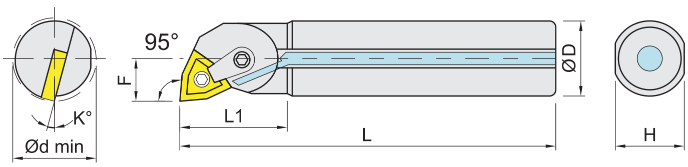
Steel shank (right shown)
鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-DWLNR/L-08	--	20	200	40	14	18	15	28	WN..0804..	①	0.49
S25R-DWLNR/L-08	--	25	200	40	15	23	13	30			0.77
S32S-DWLNR/L-08	--	32	250	48	19.5	30	13	40	WN..0804..	②	1.58
NEW **S40T-DWLNR/L-08**	--	40	300	55	25.5	37	11	50			2.96

Insert	Spare parts	Shim	Screw	Wrench	Clamp	Wrench
WN..0804..	①	--	--	--	MCD425	ETL20
WN..0804..	②	WMS432	MS6013F	PL40	MCD425	ETL20

MWLN





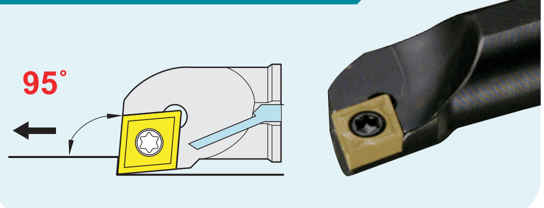
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

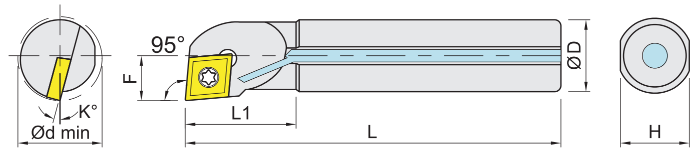
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S20R-MWLNR/L-08	**A20R-MWLNR/L-08**	20	200	40	13	18	15	25	WN..0804..	①	0.49
S25R-MWLNR/L-08	**A25R-MWLNR/L-08**	25	200	40	15	23	13	30			0.77
S32S-MWLNR/L-08	**A32S-MWLNR/L-08**	32	250	48	20	30	13	40	WN..0804..	②	1.58
S40T-MWLNR/L-08	**A40T-MWLNR/L-08**	40	300	55	25.5	37	10	50	WN..0804..	③	2.96
S50U-MWLNR/L-08		50	350	60	30.5	47	9	60			5.40
S50V-MWLNR/L-08	**A50V-MWLNR/L-08**	50	400	60	30.5	47	9	60			6.17
S60V-MWLNR/L-08		60	400	60	35.5	57	8	70			8.88

Insert	Spare parts	Shim	Pin	Wrench	Clamp	Screw	Wrench
WN..0804..	①	--	MLP44-A	PL25	MC515	MS520TX	ETL10
WN..0804..	②	WMS432	MLP46-A	PL25	MC515	MS520TX	ETL10
WN..0804..	③	WMS432	MLP46-A	PL25	MC620	MS625TX	ETL15

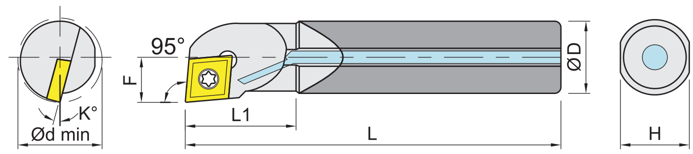
內徑車刀 BORING BARS
外徑車刀 TOOLHOLDERS
牙刀&開槽刀 THREADING & GROOVING
銑刀 MILLING
孔加工 BORING TOOLS COMPONENTS
配件 SPARE PARTS

SCLC





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

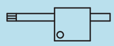


Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S08K-SCLCR/L-06	**A08K-SCLCR/L-06**	8	125	20	5	7	15	10	CC..0602..	3	0.05
S08K-SCLCR/L-06-D09	**A08K-SCLCR/L-06-D09**	8	125	20	4.5	7	15	9			0.05
S10K-SCLCR/L-06	**A10K-SCLCR/L-06**	10	125	22	6	9	13	12			0.08
S10K-SCLCR/L-06-D11	**A10K-SCLCR/L-06-D11**	10	125	22	5.5	9	13	11			0.08
S12M-SCLCR/L-06	**A12M-SCLCR/L-06**	12	150	26	8	11	10	16			0.13
S12M-SCLCR/L-06-D13	**A12M-SCLCR/L-06-D13**	12	150	26	6.5	11	10	13			0.13
S14Q-SCLCR/L-06	**A14Q-SCLCR/L-06**	14	180	26	8	13	10	16			0.22
S16Q-SCLCR/L-06	**A16Q-SCLCR/L-06**	16	180	32	10	15	7	20			0.28
S12M-SCLCR/L-09	**A12M-SCLCR/L-09**	12	150	26	8	11	10	16	CC..09T3..	4	0.13
S14Q-SCLCR/L-09	**A14Q-SCLCR/L-09**	14	180	26	8	13	10	16			0.22
S15Q-SCLCR/L-09	**A15Q-SCLCR/L-09**	15	180	32	8.5	14	10	17			0.25
S16Q-SCLCR/L-09	**A16Q-SCLCR/L-09**	16	180	32	10	15	7	20			0.28
S16Q-SCLCR/L-09-D18	**A16Q-SCLCR/L-09-D18**	16	180	32	9	15	7	18			0.28
S18Q-SCLCR/L-09	**A18Q-SCLCR/L-09**	18	180	32	10	17	7	20			0.36
S20R-SCLCR/L-09	**A20R-SCLCR/L-09**	20	200	40	13	18	5	25		5	0.49
S22R-SCLCR/L-09		22	200	40	13	20	5	25			0.60
S25R-SCLCR/L-09	**A25R-SCLCR/L-09**	25	200	40	15	23	5	30		6	0.77
S32S-SCLCR/L-09	**A32S-SCLCR/L-09**	32	250	48	19.5	30	5	38			1.58
S32S-SCLCR/L-12	**A32S-SCLCR/L-12**	32	250	48	20	30	5	38	CC..1204..	7	1.58
S40T-SCLCR/L-12	**A40T-SCLCR/L-12**	40	300	55	26	37	3	50			2.96
S40V-SCLCR/L-12	**A40V-SCLCR/L-12**	40	400	55	26	37	3	50			3.95

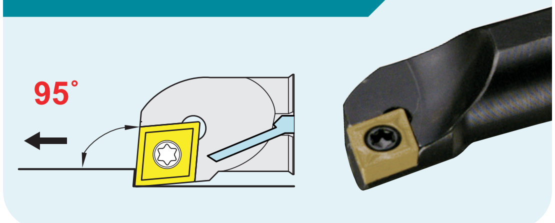
Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C04H-SCLCR/L-03M	--	4	100	15	2.5	3.7	15	5	CC..03S1..	①	0.02
C05H-SCLCR/L-03M	--	5	100	15	3	4.7	15	6			0.03
C06J-SCLCR/L-04K	--	6	110	15	3.5	5.7	15	7	CC..0401..	②	0.05
C07J-SCLCR/L-06	--	7	110	18	4	6.7	15	8	CC..0602..	③	0.06
C08K-SCLCR/L-06	--	8	125	20	5	7.2	15	10			0.09
C08K-SCLCR/L-06-D09	**E08K-SCLCR-06-D09**	8	125	20	4.5	7.2	15	9			0.09
	E08M-SCLCR-06	8	150	20	5	7.2	15	10			0.11
C10K-SCLCR/L-06	**E10K-SCLCR/L-06**	10	125	22	6	9.2	13	12			0.14
C10K-SCLCR/L-06-D11	**E10K-SCLCR-06-D11**	10	125	22	5.5	9.2	13	11			0.14
C10M-SCLCR/L-06	**E10M-SCLCR/L-06**	10	150	22	6	9.2	13	12			0.17
C10M-SCLCR-06-D11	**E10M-SCLCR-06-D11**	10	150	22	5.5	9.2	13	11			0.17
C12M-SCLCR/L-06	**E12M-SCLCR-06**	12	150	26	8	11.2	10	16			0.24
C12M-SCLCR/L-06-D13	**E12M-SCLCR-06-D13**	12	150	26	6.5	11.2	10	13			0.24
C12Q-SCLCR/L-06	**E12Q-SCLCR-06**	12	180	26	8	11.2	10	16			0.29
C12Q-SCLCR-06-D13	**E12Q-SCLCR-06-D13**	12	180	26	6.5	11.2	10	13			0.29
C14R-SCLCR-06		14	200	26	8	13.2	10	16			0.44
C16R-SCLCR/L-06	**E16R-SCLCR-06**	16	200	32	10	15.2	7	20			0.58
C12M-SCLCR/L-09	**E12M-SCLCR-09**	12	150	26	8	11.2	10	16	CC..09T3..	④	0.24
C12Q-SCLCR/L-09		12	180	26	8	11.2	10	16			0.29
C14R-SCLCR-09		14	200	26	8	13.2	10	16			0.44
C16R-SCLCR/L-09	**E16R-SCLCR/L-09**	16	200	32	10	15.2	7	20			0.58
C16R-SCLCR-09-D18	**E16R-SCLCR-09-D18**	16	200	32	9	15.2	7	18			0.58
C20R-SCLCR/L-09	**E20R-SCLCR-09**	20	200	40	13	19.2	5	25	CC..09T3..	⑤	0.91
C25S-SCLCR/L-09	**E25S-SCLCR-09**	25	250	40	15	24.2	5	30	CC..09T3..	⑥	1.77

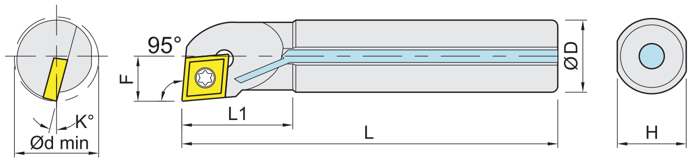
※鎢鋼柄Ø7以下刀桿僅一面側固(Carbide shank below Ø7 is one welden flat only)。

Insert	Spare parts	Screw 	Wrench 
CC..03S1..	①	MS1603B	ETF06
CC..0401..	②	MS2004A	ETF06
CC..0602..	③	MS2506A	ETF09
CC..09T3..	④	MS4008A	ETF15
CC..09T3..	⑤	MS4009A	ETF15
CC..09T3..	⑥	MS4011A	ETF15
CC..1204..	⑦	MS5011A	ETF20

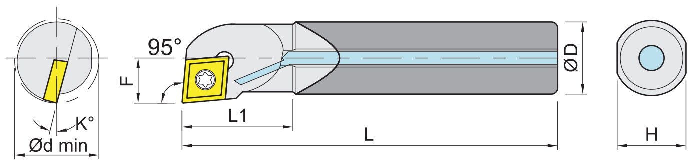
C10K-SCLCR-06	S=鋼柄(Steel shank) A=鋼柄＋出水(Steel shank+coolant hole) C=鎢鋼柄(Cemented carbide shank with steel head) E=鎢鋼柄＋出水(Cemented carbide shank with steel head+coolant hole)

SCLP





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

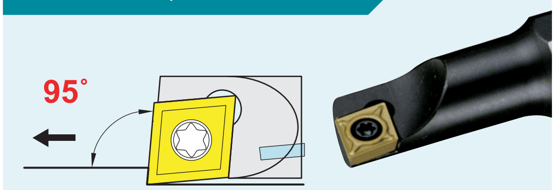
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S08K-SCLPR/L-06	**A08K-SCLPR/L-06**	8	125	20	5	7	10	10	CP..0602..	①	0.05
S10K-SCLPR/L-06	**A10K-SCLPR/L-06**	10	125	22	6	9	8	12			0.08
S12M-SCLPR/L-06	--	12	150	26	8	11	7	16			0.13
S10K-SCLPR/L-08	**A10K-SCLPR/L-08**	10	125	22	6	9	8	12	CP..0802..	②	0.08
S12M-SCLPR/L-08	**A12M-SCLPR/L-08**	12	150	26	8	11	7	16		③	0.13
S12M-SCLPR/L-08-D13	**A12M-SCLPR/L-08-D13**	12	150	26	6.5	11	7	13			0.13
S12M-SCLPR/L-09	**A12M-SCLPR/L-09**	12	150	26	8	11	7	16	CP..0903..	④	0.13
S16Q-SCLPR/L-09	**A16Q-SCLPR/L-09**	16	180	32	10	15	7	20			0.28
S16Q-SCLPR-09-D18	**A16Q-SCLPR-09-D18**	16	180	32	9	15	7	18			0.28
S20R-SCLPR/L-09	**A20R-SCLPR/L-09**	20	200	40	13	18	4	25		⑤	0.49
S25R-SCLPR/L-09	**A25R-SCLPR/L-09**	25	200	40	15	23	0	30			0.77

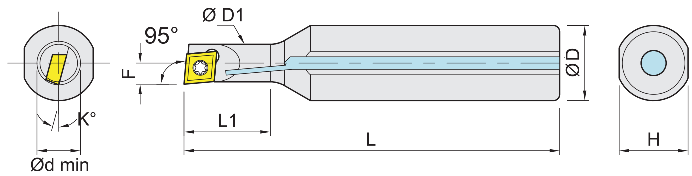
Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C10K-SCLPR-08		10	125	22	6	9.2	8	12	CP..0802..	②	0.14
C10M-SCLPR/L-08		10	150	22	6	9.2	8	12			0.17
C12M-SCLPR-08		12	150	26	8	11.2	7	16		③	0.24
C12M-SCLPR-09	**E12M-SCLPR-09**	12	150	26	8	11.2	7	16	CP..0903..	④	0.24
C12Q-SCLPR-09	**E12Q-SCLPR-09**	12	180	26	8	11.2	7	16			0.29
C16R-SCLPR/L-09	**E16R-SCLPR/L-09**	16	200	32	10	15.2	7	20			0.58
C16R-SCLPR-09-D18	**E16R-SCLPR-09-D18**	16	200	32	9	15.2	7	18			0.58
C20R-SCLPR-09	**E20R-SCLPR-09**	20	200	40	13	19.2	4	25		⑤	0.91
C25S-SCLPR/L-09		25	250	40	15	24.2	0	30			1.77

Insert	Spare parts	Screw	Wrench
CP..0602..	①	MS2506A	ETF09
CP..0802..	②	MS3006A	ETF09
CP..0802..	③	MS3008A	ETF09
CP..0903..	④	MS4008B	ETF15
CP..0903..	⑤	MS4009B	ETF15

E16R-SCLPR-09	S=鋼柄(Steel shank) A=鋼柄＋出水(Steel shank+coolant hole) C=鎢鋼柄(Cemented carbide shank with steel head) E=鎢鋼柄＋出水(Cemented carbide shank with steel head+coolant hole)

SCLC/P



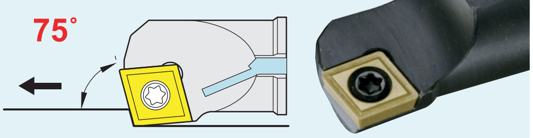


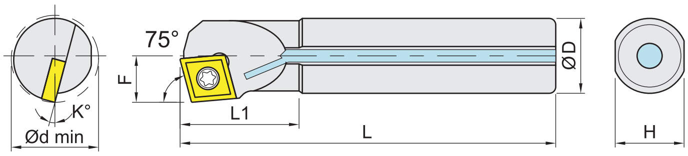
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	D1	L	L1	F	H	K	dmin			
S1004K-SCLCR/L-03M	**A1004K-SCLCR/L-03M**	10	4	125	12	2.5	9	15	5	CC..03S1..	①	0.08
S1005K-SCLCR/L-03M	**A1005K-SCLCR/L-03M**	10	5	125	15	3	9	15	6			0.08
S1204H-SCLCR/L-03E-L08	**A1204H-SCLCR/L-03E-L08**	12	4	100	8	2.5	11	15	5	CC..0301..	②	0.09
S1204H-SCLCR/L-03E-L12	**A1204H-SCLCR/L-03E-L12**	12	4	100	12	2.5	11	15	5			0.09
S1206K-SCLCR/L-04K	**A1206K-SCLCR/L-04K**	12	6	125	14	3.5	11	13	7	CC..0401..	③	0.11
S1607K-SCLCR/L-06-L20	**A1607K-SCLCR/L-06-L20**	16	7	125	20	4	15	13	8	CC..0602..	④	0.20
S1608K-SCLCR/L-06-L20	**A1608K-SCLCR/L-06-L20**	16	8	125	20	4.5	15	11	9			0.20
S1608K-SCLCR/L-06-L25	**A1608K-SCLCR/L-06-L25**	16	8	125	25	4.5	15	11	9			0.20
S1609K-SCLCR/L-06-L25	**A1609K-SCLCR/L-06-L25**	16	9	125	25	5	15	11	10			0.20
S1612M-SCLPR/L-08	**A1612M-SCLPR-08**	16	12	150	30	7	15	7	14	CP..0802..	⑤	0.24
S2014M-SCLPR/L-08		20	14	150	30	7.5	18	7	15			0.37
S2016Q-SCLPR-09		20	16	180	20	10.5	18	7	21	CP..0903..	⑥	0.44

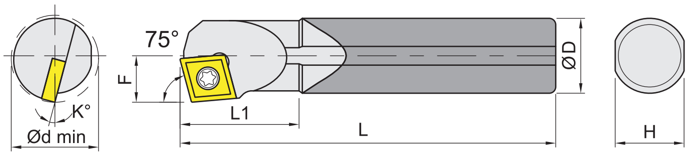
Insert	Spare parts	Screw	Wrench
CC..03S1..	①	MS1603B	ETF06
CC..0301..	②	MS1603B	ETF06
CC..0401..	③	MS2004A	ETF06
CC..0602..	④	MS2506A	ETF09
CP..0802..	⑤	MS3008A	ETF09
CP..0903..	⑥	MS4008B	ETF15

SCKC/P





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



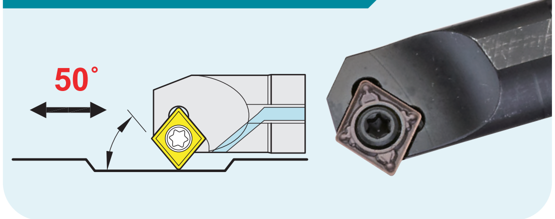
Carbide shank (right shown)
鎢鋼柄 右向示意圖

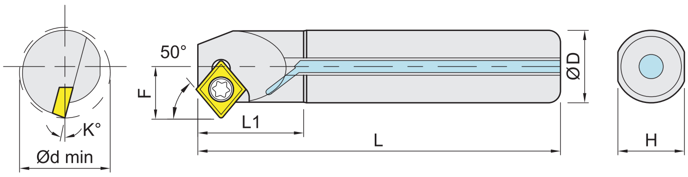
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S08K-SCKCR/L-06	**A08K-SCKCR/L-06**	8	125	20	5	7	15	10	CC..0602..	①	0.05
S10K-SCKCR/L-06	**A10K-SCKCR/L-06**	10	125	22	6	9	13	12			0.08
S12M-SCKCR/L-06	**A12M-SCKCR/L-06**	12	150	26	8	11	10	16			0.13
S16Q-SCKCR/L-06	**A16Q-SCKCR/L-06**	16	180	32	10	15	7	20			0.28
S12M-SCKCR/L-09	**A12M-SCKCR/L-09**	12	150	28	8	11	11	16	CC..09T3..	②	0.13
S16Q-SCKCR/L-09	**A16Q-SCKCR/L-09**	16	180	32	10	15	7	20			0.28
S20R-SCKCR/L-09	**A20R-SCKCR/L-09**	20	200	40	12.5	18	5	25		③	0.49
S16Q-SCKPR/L-09	**A16Q-SCKPR/L-09**	16	180	32	10	15	7	20	CP..0903..	④	0.28

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C08K-SCKCR-06		8	125	20	5	7.2	15	10	CC..0602..	①	0.09
C12Q-SCKCR-06		12	180	26	8	11.2	10	16			0.29

Insert	Spare parts	Screw	Wrench
CC..0602..	①	MS2506A	ETF09
CC..09T3..	②	MS4008A	ETF15
CC..09T3..	③	MS4009A	ETF15
CP..0903..	④	MS4008B	ETF15

SCNC/P



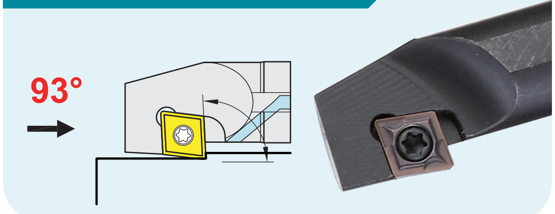


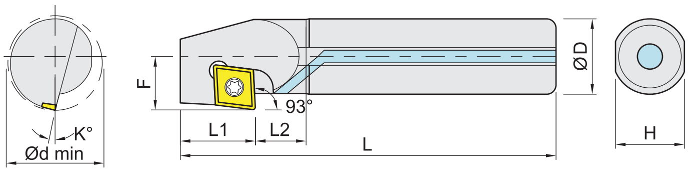
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S12M-SCNCR-06	**A12M-SCNCR-06**	12	150	26	8.5	11	7	16	CC..0602..	①	0.13
S16Q-SCNPR-09	**A16Q-SCNPR-09**	16	180	30	10.5	15	7	20	CP..0903..	②	0.28

Insert	Spare parts	Screw	Wrench
CC..0602..	①	MS2506A	ETF09
CP..0903..	②	MS4008B	ETF15

SCZC



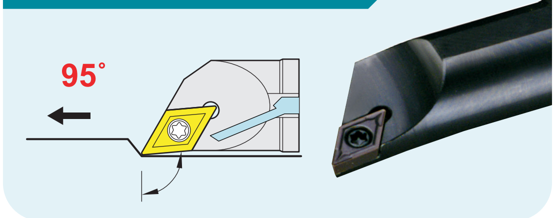


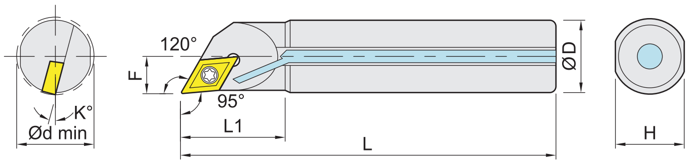
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	L2	F	H	K	dmin			
S08K-SCZCR/L-06	**A08K-SCZCR/L-06**	8	125	12	18	6	7	15	11	CC..0602..	①	0.05
S10K-SCZCR/L-06	**A10K-SCZCR/L-06**	10	125	12	18	7.5	9	13	14			0.08
S12M-SCZCR/L-06	**A12M-SCZCR/L-06**	12	150	12	20	8.5	11	10	16			0.13
S16Q-SCZCR/L-09	**A16Q-SCZCR/L-09**	16	180	18	22	11.5	15	7	21	CC..09T3..	②	0.28
S20R-SCZCR/L-09	**A20R-SCZCR/L-09**	20	200	18	22	13.5	18	7	25			0.49
S25R-SCZCR/L-09	**A25R-SCZCR/L-09**	25	200	18	22	16	23	7	30			0.77
S40T-SCZCR-12		40	300	22	38	25.5	37	3	50	CC..1204..	③	2.96

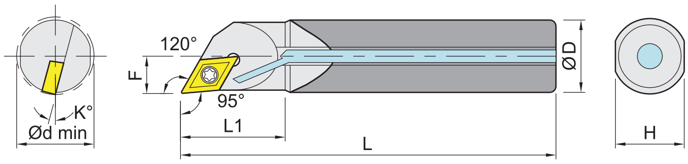
Insert	Spare parts	Screw	Wrench
CC..0602..	①	MS2506A	ETF09
CC..09T3..	②	MS4009A	ETF15
CC..1204..	③	MS5011A	ETF20

SDJC





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

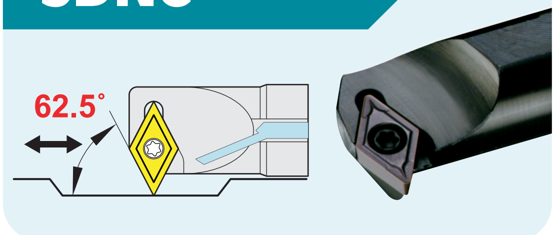
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S08K-SDJCR/L-07	A08K-SDJCR/L-07	8	125	22	5	7	15	10	DC..0702..	①	0.05
S10K-SDJCR/L-07	A10K-SDJCR/L-07	10	125	25	6	9	13	12			0.08
S12M-SDJCR/L-07	A12M-SDJCR/L-07	12	150	30	7	11	10	14			0.13
S16Q-SDJCR/L-07	A16Q-SDJCR/L-07	16	180	38	9.5	15	7	19			0.28
S1608K-SDJCR/L-07-L20		16	125	20	4.5	15	15	10			0.20
S16Q-SDJCR/L-11	A16Q-SDJCR/L-11	16	180	38	9.5	15	7	19	DC..11T3..	②	0.28
S20R-SDJCR/L-11	A20R-SDJCR/L-11	20	200	42	11.5	18	7	23			0.49
S25R-SDJCR/L-11	A25R-SDJCR/L-11	25	200	45	14	23	5	28			0.77
S25S-SDJCR/L-11	A25S-SDJCR/L-11	25	250	45	14	23	5	28			0.96
S32S-SDJCR/L-11	A32S-SDJCR/L-11	32	250	48	17.5	30	5	35			1.58

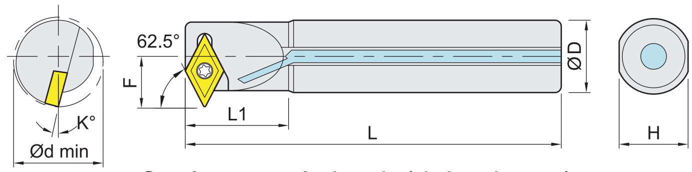
Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C08K-SDJCR/L-07	E08K-SDJCR-07	8	125	22	5	7.2	15	10	DC..0702..	①	0.09
C10K-SDJCR/L-07	E10K-SDJCR-07	10	125	25	6	9.2	13	12			0.14
C10M-SDJCR/L-07	E10M-SDJCR-07	10	150	25	6	9.2	13	12			0.17
C12M-SDJCR/L-07	E12M-SDJCR-07	12	150	30	7	11.2	10	14			0.24
C12Q-SDJCR/L-07	E12Q-SDJCR-07	12	180	30	7	11.2	10	14			0.29
C16R-SDJCR/L-07	E16R-SDJCR/L-07	16	200	38	9.5	15.2	7	19			0.58
C16R-SDJCR-11		16	200	38	9.5	15.2	7	19	DC..11T3..	②	0.58
C20R-SDJCR-11		20	200	42	11.5	19.2	7	23			0.90
C25S-SDJCR-11		25	250	45	14	24.2	5	28			1.77

Insert	Spare parts	Screw	Wrench
DC..0702..	①	MS2506B	ETF09
DC..11T3..	②	MS4009A	ETF15

BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

SDNC

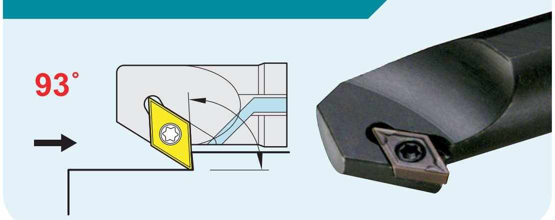


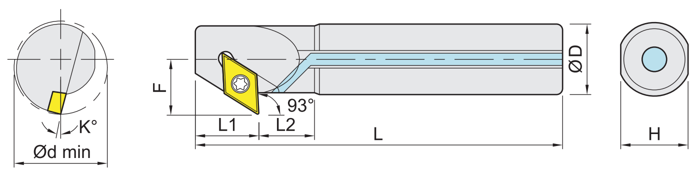


Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

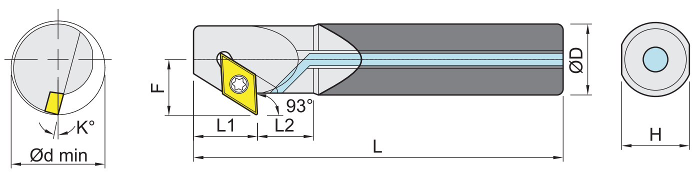
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S12M-SDNCR/L-07	A12M-SDNCR/L-07	12	150	25	9	11	7	16	DC..0702..	①	0.13
S16Q-SDNCR/L-07	A16Q-SDNCR/L-07	16	180	30	11	15	7	20			0.28
S20R-SDNCR/L-11	A20R-SDNCR/L-11	20	200	35	15	18	7	25	DC..11T3..	②	0.49
S25R-SDNCR/L-11	A25R-SDNCR/L-11	25	200	35	17	23	5	32			0.77
S32S-SDNCR/L-11		32	250	40	20.5	30	5	40			1.58

SDZC





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

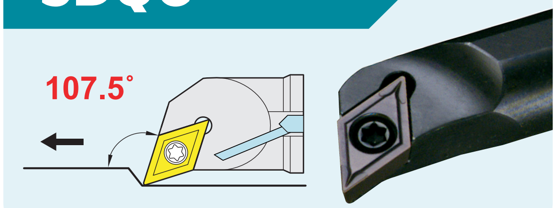
Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	L2	F	H	K	dmin			
S10M-SDZCR/L-07	A10M-SDZCR/L-07	10	150	12	18	8.5	9	13	14	DC..0702..	①	0.09
S12M-SDZCR/L-07	A12M-SDZCR/L-07	12	150	12	20	10.5	11	10	17			0.13
S16Q-SDZCR/L-07	A16Q-SDZCR/L-07	16	180	12	26	12.5	15	7	21			0.28
S20R-SDZCR/L-11	A20R-SDZCR/L-11	20	200	18	27	15.5	18	7	26	DC..11T3..	②	0.49
S25R-SDZCR/L-11	A25R-SDZCR/L-11	25	200	18	32	18	23	5	33			0.77
S32S-SDZCR/L-11	A32S-SDZCR/L-11	32	250	18	42	21.5	30	5	40			1.58

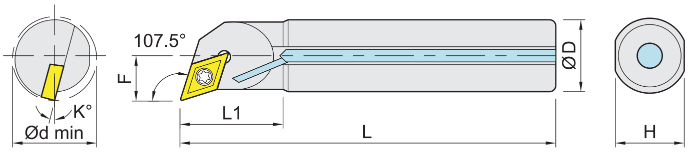
Carbide shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
Non-coolant	Coolant	D	L	L1	L2	F	H	K	dmin			
NEW C10M-SDZCR-07		10	150	12	18	8.5	9	13	14	DC..0702..	①	0.17
NEW C12M-SDZCR-07		12	150	12	20	10.5	11	10	17			0.24
NEW C16Q-SDZCR-07		16	180	12	26	12.5	15	7	21			0.58

Insert	Spare parts	Screw	Wrench
DC..0702..	①	MS2506B	ETF09
DC..11T3..	②	MS4009A	ETF15

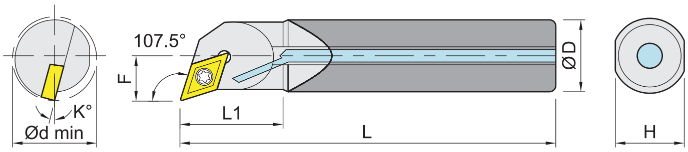
SDQC

107.5°





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



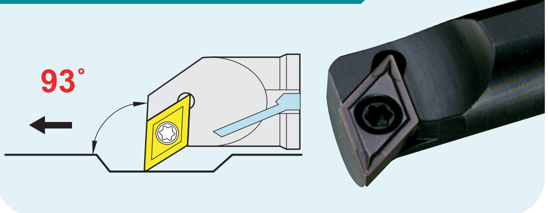
Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

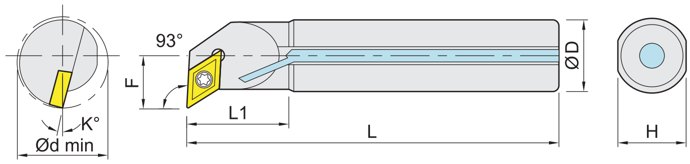
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S10K-SDQCR/L-07	A10K-SDQCR/L-07	10	125	22	6.5	9	13	13	DC..0702..	①	0.08
S12M-SDQCR/L-07	A12M-SDQCR/L-07	12	150	30	8	11	10	16			0.13
S16Q-SDQCR/L-07	A16Q-SDQCR/L-07	16	180	35	10.25	15	7	20			0.28
S20R-SDQCR/L-07	A20R-SDQCR/L-07	20	200	40	12.5	18	7	25			0.49
S16Q-SDQCR/L-11	A16Q-SDQCR/L-11	16	180	35	10.5	15	7	20	DC..11T3..	②	0.28
S20R-SDQCR/L-11	A20R-SDQCR/L-11	20	200	40	13	18	7	25			0.49
S25R-SDQCR/L-11	A25R-SDQCR/L-11	25	200	45	15.5	23	5	32			0.77
S32S-SDQCR/L-11	A32S-SDQCR/L-11	32	250	48	19.5	30	5	40			1.58
S40T-SDQCR/L-11	A40T-SDQCR/L-11	40	300	55	25	37	3	50			2.96
S50U-SDQCR/L-11	A50U-SDQCR-11	50	350	60	30	47	2	60			5.40

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C10K-SDQCR/L-07	E10K-SDQCR-07	10	125	22	6	9.2	13	13	DC..0702..	①	0.14
C10M-SDQCR-07	E10M-SDQCR-07	10	150	22	6	9.2	13	13			0.17
C12M-SDQCR/L-07	E12M-SDQCR/L-07	12	150	30	8	11.2	10	16			0.24
C12Q-SDQCR-07	E12Q-SDQCR-07	12	180	30	8	11.2	10	16			0.29
C16R-SDQCR/L-07	E16R-SDQCR/L-07	16	200	35	10.25	15.2	7	20			0.58
C20R-SDQCR-07		20	200	40	12.5	19.2	7	25			0.90
C16R-SDQCR-11	E16R-SDQCR/L-11	16	200	35	10.5	15.2	7	20	DC..11T3..	②	0.58
C20R-SDQCR-11		20	200	40	13	19.2	7	25			0.90
C25S-SDQCR-11		25	250	45	15.5	24.2	5	32			1.77

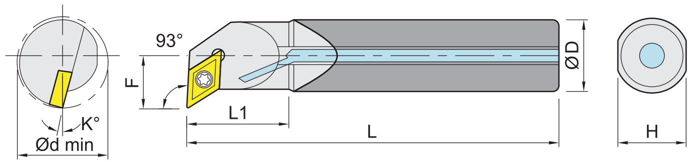
Insert	Spare parts	Screw	Wrench
DC..0702..	①	MS2506B	ETF09
DC..11T3..	②	MS4009A	ETF15

SDUC





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



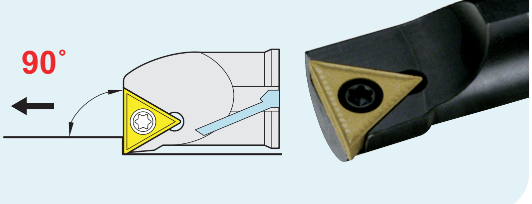
Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

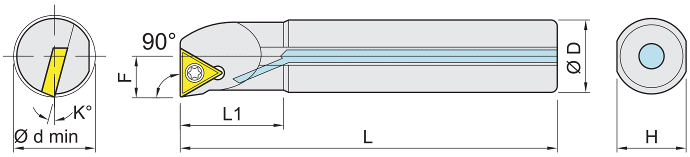
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S10K-SDUCR/L-07	A10K-SDUCR/L-07	10	125	25	7	9	13	13	DC..0702..	①	0.08
S12M-SDUCR/L-07	A12M-SDUCR/L-07	12	150	30	8.5	11	10	16			0.13
S16Q-SDUCR/L-07	A16Q-SDUCR/L-07	16	180	30	11	15	7	20			0.28
S20R-SDUCR/L-07	A20R-SDUCR/L-07	20	200	40	12.5	18	7	25			0.49
S16Q-SDUCR/L-11	A16Q-SDUCR/L-11	16	180	30	11	15	7	20	DC..11T3..	②	0.28
S20R-SDUCR/L-11	A20R-SDUCR/L-11	20	200	40	13	18	7	25			0.49
S25R-SDUCR/L-11	A25R-SDUCR/L-11	25	200	45	16	23	5	32			0.77
S25S-SDUCR/L-11		25	250	45	16	23	5	32			0.96
S32S-SDUCR/L-11	A32S-SDUCR/L-11	32	250	48	20	30	5	40			1.58
S40T-SDUCR/L-11	A40T-SDUCR/L-11	40	300	55	26	37	3	50			2.96

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C10K-SDUCR/L-07	E10K-SDUCR/L-07	10	125	25	7	9.2	13	13	DC..0702..	①	0.14
C10M-SDUCR-07	E10M-SDUCR-07	10	150	25	7	9.2	13	13			0.17
C12M-SDUCR/L-07	E12M-SDUCR/L-07	12	150	30	8.5	11.2	10	16			0.24
C12Q-SDUCR-07	E12Q-SDUCR-07	12	180	30	8.5	11.2	10	16			0.29
C16R-SDUCR-07	E16R-SDUCR-07	16	200	30	11	15.2	7	20			0.58
C16R-SDUCR/L-11	E16R-SDUCR/L-11	16	200	30	11	15.2	7	20	DC..11T3..	②	0.58
C20R-SDUCR/L-11	E20R-SDUCR/L-11	20	200	40	13	19.2	7	25			0.91
C25S-SDUCR-11	E25S-SDUCR-11	25	250	45	16	24.2	5	32			1.77

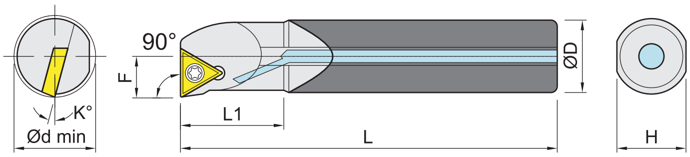
Insert	Spare parts	Screw	Wrench
DC..0702..	①	MS2506B	ETF09
DC..11T3..	②	MS4009A	ETF15

STFC/P





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S06H-STFCR/L-06	**--**	6	100	15	3.5	5	15	7	TC..0601..	①	0.02
S08K-STFCR/L-06-D09	**A08K-STFCR-06-D09**	8	125	20	4.5	7	15	9			0.05
S08K-STFCR/L-09	**A08K-STFCR/L-09**	8	125	20	5.5	7	15	10	TC..0902..	②	0.05
S10K-STFCR/L-09	**A10K-STFCR/L-09**	10	125	22	6.25	9	13	12		③	0.08
S10K-STFCR/L-09-D11	**A10K-STFCR/L-09-D11**	10	125	22	5.5	9	13	11			0.08
S10K-STFCR/L-11	**A10K-STFCR/L-11**	10	125	22	6.25	9	13	12	TC..1102..	④	0.08
S12M-STFCR/L-11	**A12M-STFCR/L-11**	12	150	26	8.25	11	10	16			0.13
S12M-STFCR/L-11-D13	**A12M-STFCR/L-11-D13**	12	150	26	6.5	11	10	13			0.13
S16Q-STFCR/L-11	**A16Q-STFCR/L-11**	16	180	32	10	15	7	20			0.28
S16Q-STFCR/L-16	**A16Q-STFCR/L-16**	16	180	32	10	15	7	20	TC..16T3..	⑤	0.28
S20R-STFCR/L-16	**A20R-STFCR/L-16**	20	200	36	13	18	5	25			0.49
S25R-STFCR/L-16	**A25R-STFCR/L-16**	25	200	40	15	23	5	30			0.77
S25S-STFCR/L-16	**A25S-STFCR/L-16**	25	250	40	15	23	5	30			0.96
S32S-STFCR/L-16	**A32S-STFCR/L-16**	32	250	48	20	30	5	38			1.58
S32T-STFCR/L-16	**A32T-STFCR/L-16**	32	300	48	20	30	5	38			1.89
S16Q-STFPR-1603		16	180	32	10	15	7	20	TP..1603..	⑥	0.28

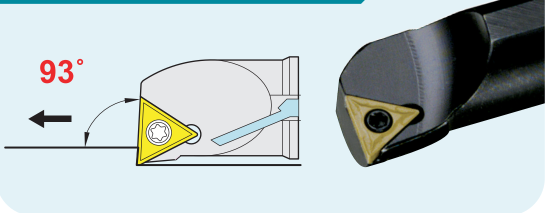
	Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
	無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
NEW	**C06J-STFCR/L-06**	**--**	6	110	15	3.5	5.7	15	7	TC..0601..	①	0.08
NEW	**C08K-STFCR/L-09**		8	125	20	5.5	7.2	15	10	TC..0902..	②	0.11
NEW	**C10K-STFCR/L-11**		10	125	22	6.25	9.2	13	12	TC..1102..	④	0.14
NEW	**C12M-STFCR/L-11**		12	150	26	8.25	11.2	10	16			0.24
NEW	**C12M-STFCR/L-11-D13**		12	150	26	6.5	11.2	10	13			0.24

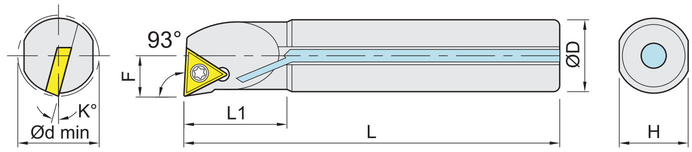
※鎢鋼柄Ø7以下刀桿僅一面側固(Carbide shank below Ø7 is one welden flat only)。

Insert	Spare parts	Screw	Wrench
TC..0601..	①	MS2004A	ETF06
TC..0902..	②	MS2205A	ETF07
TC..0902..	③	MS2206A	ETF07
TC..1102..	④	MS2506A	ETF09
TC..16T3..	⑤	MS4011A	ETF15
TP..1603..	⑥	MS4011A	ETF15

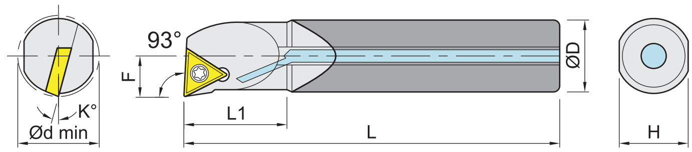
BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

STUB/C





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S06H-STUBR/L-06	--	6	100	15	3.5	5	15	7	TB..0601..	①	0.02
S08K-STUBR/L-06-D09	A08K-STUBR/L-06-D09	8	125	20	4.5	7	15	9			0.05
S08K-STUCR/L-09	A08K-STUCR/L-09	8	125	20	5.5	7	15	10	TC..0902..	②	0.05
S10K-STUCR/L-09	A10K-STUCR/L-09	10	125	22	6	9	13	12		③	0.08
S10K-STUCR/L-09-D11	A10K-STUCR/L-09-D11	10	125	22	5.5	9	13	11			0.08
S12M-STUCR-09	A12M-STUCR-09	12	150	26	8	11	10	16			0.13
S14M-STUCR-09	A14M-STUCR-09	14	150	26	8	13	10	16			0.18
S10K-STUCR/L-11	A10K-STUCR/L-11	10	125	22	6	9	13	12	TC..1102..	④	0.08
S12M-STUCR/L-11	A12M-STUCR/L-11	12	150	26	8	11	10	16			0.13
S12M-STUCR/L-11-D13	A12M-STUCR/L-11-D13	12	150	26	6.5	11	10	13			0.13
S16Q-STUCR/L-11	A16Q-STUCR/L-11	16	180	32	10	15	7	20			0.28
S16Q-STUCR/L-11-D18	A16Q-STUCR/L-11-D18	16	180	32	9	15	7	18			0.28
S20R-STUCR/L-11	A20R-STUCR/L-11	20	200	40	13	18	5	25			0.49
S20R-STUCR/L-16	A20R-STUCR/L-16	20	200	40	13	18	7	25	TC..16T3..	⑤	0.49
S25R-STUCR/L-16	A25R-STUCR/L-16	25	200	40	15	23	5	30			0.77
S32S-STUCR/L-16	A32S-STUCR/L-16	32	250	48	20	30	5	38			1.58
S32T-STUCR/L-16	A32T-STUCR/L-16	32	300	48	20	30	5	38			1.89

Carbide shank 無水孔Non-coolant	Item code 水孔Coolant	D	L	L1	F	H	K	dmin	Insert	Spare parts	Weight Kg
C06J-STUBR/L-06	**--**	6	110	15	3.5	5.7	15	7	TB..0601..	1	0.05
C07J-STUBR-06	**--**	7	110	18	4	6.7	15	8			0.06
C08K-STUBR/L-06-D09	**E08K-STUBR/L-06-D09**	8	125	20	4.5	7.2	15	9			0.09
C08K-STUCR/L-09		8	125	20	5.5	7.2	15	10	TC..0902..	2	0.09
C10K-STUCR-09		10	125	22	6	9.2	13	12		3	0.14
C10K-STUCR-09-D11		10	125	22	5.5	9.2	13	11			0.14
C10M-STUCR-09		10	150	22	6	9.2	13	12			0.17
C12M-STUCR-09		12	150	26	8	11.2	10	16			0.24
C12Q-STUCR-09		12	180	26	8	11.2	10	16			0.29
C14M-STUCR-09		14	150	26	8	13.2	10	16			0.33
C14R-STUCR-09		14	200	26	8	13.2	10	16			0.44
C10K-STUCR-11	**E10K-STUCR-11**	10	125	22	6	9.2	13	12	TC..1102..	4	0.14
C10M-STUCR-11	**E10M-STUCR-11**	10	150	22	6	9.2	13	12			0.17
C12M-STUCR/L-11	**E12M-STUCR-11**	12	150	26	8	11.2	10	16			0.24
C12M-STUCR-11-D13		12	150	26	6.5	11.2	10	13			0.24
C12Q-STUCR/L-11	**E12Q-STUCR-11**	12	180	26	8	11.2	10	16			0.29
C12Q-STUCR-11-D13		12	180	26	6.5	11.2	10	13			0.29
C16R-STUCR-11	**E16R-STUCR-11**	16	200	32	10	15.2	7	20			0.58
C16R-STUCR-11-D18		16	200	32	9	15.2	7	18			0.52

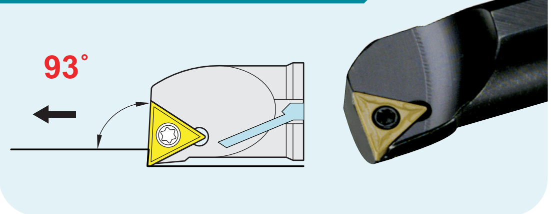
※鎢鋼柄Ø7以下刀桿僅一面側固(Carbide shank below Ø7 is one welden flat only)。

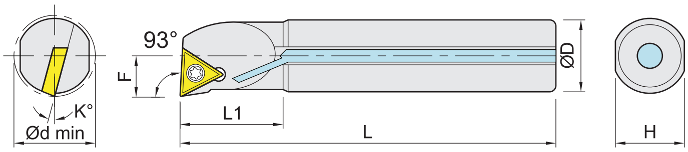
Insert	Spare parts	Screw	Wrench
TB..0601..	1	MS2004A	ETF06
TC..0902..	2	MS2205A	ETF07
TC..0902..	3	MS2206A	ETF07
TC..1102..	4	MS2506A	ETF09
TC..16T3..	5	MS4011A	ETF15

A10K-STUCR-11

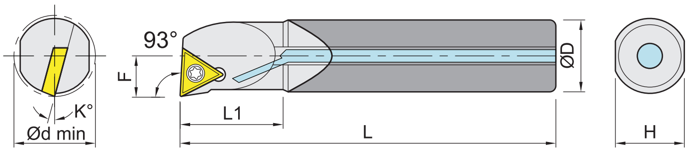
S=鋼柄(Steel shank)
A=鋼柄＋出水(Steel shank+coolant hole)
C=鎢鋼柄(Cemented carbide shank with steel head)
E=鎢鋼柄＋出水(Cemented carbide shank with steel head+coolant hole)

STUP





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



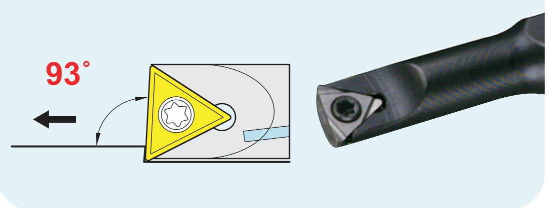
Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

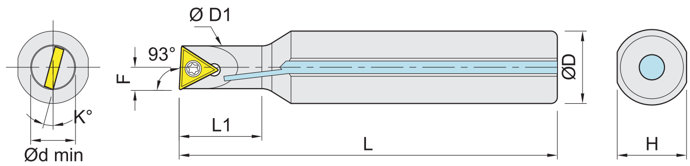
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S08K-STUPR/L-08	A08K-STUPR/L-08	8	125	20	5.5	7	10	10	TP..0802..	①	0.05
S08K-STUPR/L-08-D09	A08K-STUPR/L-08-D09	8	125	20	4.5	7	10	9			0.05
S10K-STUPR/L-08	A10K-STUPR/L-08	10	125	22	6	9	8	12		②	0.08
S10K-STUPR/L-08-D11	A10K-STUPR/L-08-D11	10	125	22	5.5	9	8	11			0.08
S12M-STUPR/L-08		12	150	26	8	11	8	16			0.13
S16Q-STUPR/L-08-D18		16	180	32	9	15	7	18			0.28
S08K-STUPR/L-09	A08K-STUPR/L-09	8	125	20	5.5	7	10	10	TP..0902..	③	0.05
S10K-STUPR/L-09	A10K-STUPR/L-09	10	125	22	6	9	8	12			0.08
S10K-STUPR/L-09-D11	A10K-STUPR/L-09-D11	10	125	22	5.5	9	8	11			0.08
S10K-STUPR/L-11	A10K-STUPR/L-11	10	125	22	6	9	8	12	TP..1103..	④	0.08
S12M-STUPR/L-11	A12M-STUPR/L-11	12	150	26	8	11	8	16			0.13
S12M-STUPR/L-11-D13	A12M-STUPR/L-11-D13	12	150	26	6.5	11	8	13			0.13
S14Q-STUPR/L-11	A14Q-STUPR/L-11	14	180	26	8	13	7	16			0.22
S15Q-STUPR/L-11	A15Q-STUPR/L-11	15	180	32	8.5	14	7	17			0.25
S16Q-STUPR/L-11	A16Q-STUPR/L-11	16	180	32	10	15	7	20			0.28
S16Q-STUPR/L-11-D18	A16Q-STUPR/L-11-D18	16	180	32	9	15	7	18			0.28
S18Q-STUPR/L-11	A18Q-STUPR/L-11	18	180	32	10	17	7	20			0.36
S20R-STUPR/L-11	A20R-STUPR/L-11	20	200	40	13	18	7	25			0.49
S22R-STUPR-11		22	200	40	13	20	5	25			0.60
S23R-STUPR-11		23	200	40	13	21	5	26			0.65
S25R-STUPR/L-11	A25R-STUPR/L-11	25	200	40	15	23	0	30			0.77
S20R-STUPR/L-1603	A20R-STUPR/L-1603	20	200	40	13	18	4	25	TP..1603..	⑤	0.49
S25R-STUPR/L-1603	A25R-STUPR/L-1603	25	200	40	16	23	0	30			0.77
S32S-STUPR/L-1603	A32S-STUPR/L-1603	32	250	48	20	30	0	38			1.58
S20R-STUPR/L-16T3	A20R-STUPR/L-16T3	20	200	40	13	18	4	25	TP..16T3..	⑥	0.49
S25R-STUPR/L-16T3	A25R-STUPR/L-16T3	25	200	40	16	23	0	30			0.77
S32S-STUPR/L-16T3	A32S-STUPR/L-16T3	32	250	48	20	30	0	38			1.58
S20R-STUPR/L-1604	A20R-STUPR/L-1604	20	200	40	13	18	4	25	TP..1604..	⑦	0.49
S25R-STUPR/L-1604	A25R-STUPR/L-1604	25	200	40	16	23	0	30			0.77
S32S-STUPR/L-1604	A32S-STUPR/L-1604	32	250	48	20	30	0	38			1.58

Carbide shank 無水孔Non-coolant	Item code 水孔Coolant	D	L	L1	F	H	K	dmin	Insert	Spare parts	Weight Kg
C08K-STUPR/L-08	E08K-STUPR-08	8	125	20	5.5	7.2	10	10	TP..0802..	①	0.09
C08K-STUPR-08-D09	E08K-STUPR-08-D09	8	125	20	4.5	7.2	10	9			0.09
C10K-STUPR-08	E10K-STUPR-08	10	125	22	6	9.2	8	12		②	0.14
C10K-STUPR-08-D11		10	125	22	5.5	9.2	8	11			0.14
C12M-STUPR-08		12	150	26	8	11.2	8	16			0.24
C08K-STUPR/L-09	E08K-STUPR-09	8	125	20	5.5	7.2	10	10	TP..0902..	③	0.09
C10K-STUPR/L-09	E10K-STUPR-09	10	125	22	6	9.2	8	12			0.14
C10M-STUPR-09	E10M-STUPR-09	10	150	22	6	9.2	8	12			0.17
C10M-STUPR-09-D11	E10M-STUPR-09-D11	10	150	22	5.5	9.2	8	11			0.17
C10K-STUPR/L-11	E10K-STUPR/L-11	10	125	22	6	9.2	8	12	TP..1103..	④	0.14
C10M-STUPR-11	E10M-STUPR-11	10	150	22	6	9.2	8	12			0.17
C12M-STUPR/L-11	E12M-STUPR-11	12	150	26	8	11.2	8	16			0.24
C12M-STUPR-11-D13	E12M-STUPR-11-D13	12	150	26	6.5	11.2	8	13			0.24
C12Q-STUPR-11	E12Q-STUPR-11	12	180	26	8	11.2	8	16			0.29
C12Q-STUPR-11-D13	E12Q-STUPR-11-D13	12	180	26	6.5	11.2	8	13			0.29
NEW C14R-STUPR-11	E14R-STUPR-11	14	200	26	8	13.2	7	16			0.44
C16R-STUPR/L-11	E16R-STUPR-11	16	200	32	10	15.2	7	20			0.58
C16R-STUPR-11-D18	E16R-STUPR-11-D18	16	200	32	9	15.2	7	18			0.58
C20R-STUPR-11	E20R-STUPR-11	20	200	40	13	19.2	7	25			0.90
C25S-STUPR-11		25	250	40	15	24.2	0	30			1.77
NEW C20R-STUPL-16T3		20	200	40	13	19.2	4	25	TP..16T3..	⑥	0.90
C20R-STUPR/L-1604		20	200	40	13	19.2	4	25	TP..1604..	⑦	0.90

Insert	Spare parts	Screw	Wrench
TP..0802..	①	MS2205A	ETF07
TP..0802..	②	MS2206A	ETF07
TP..0902..	③	MS2506A	ETF09
TP..1103..	④	MS3008A	ETF09
TP..1603..	⑤	MS4011A	ETF15
TP..16T3..	⑥	MS4011A	ETF15
TP..1604..	⑦	MS4011A	ETF15

STUB/C



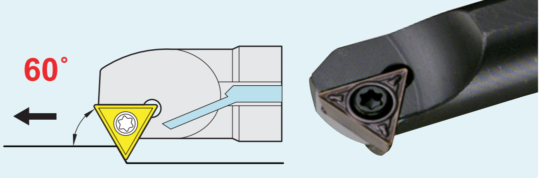


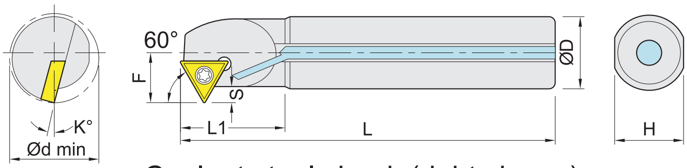
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	D1	L	L1	F	H	K	dmin			
S0806K-STUBR/L-06-L10		8	6	125	10	3.5	7	12	7	TB..0601..	①	0.05
S0806K-STUBR/L-06-L20	A0806K-STUBR/L-06-L20	8	6	125	20	3.5	7	12	7			0.05
S0806K-STUBR/L-06-L35	A0806K-STUBR/L-06-L35	8	6	125	35	3.5	7	12	7			0.05
S0807K-STUBR/L-06-L20	A0807K-STUBR/L-06-L20	8	7	125	20	4	7	12	8			0.05
S1207K-STUBR/L-06-L20	A1207K-STUBR/L-06-L20	12	7	125	20	4	11	12	8			0.11
S1206K-STUCR-06-L14		12	6	125	14	3.5	11	12	7	TC..0601..	②	0.11
S1207K-STUCR-06-L20		12	7	125	20	4	11	12	8			0.11

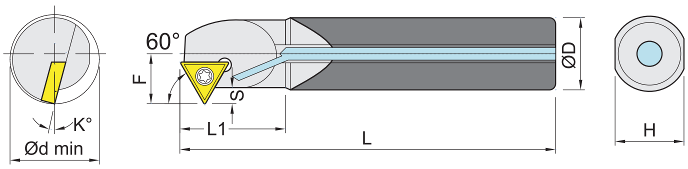
Insert	Spare parts	Screw	Wrench
TB..0601..	①	MS2004A	ETF06
TC..0601..	②	MS2004A	ETF06

STWC/P





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



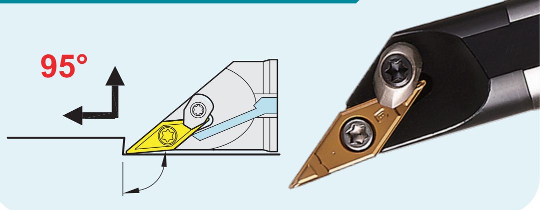
Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

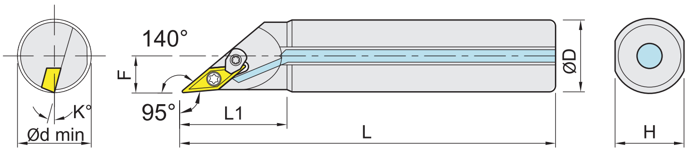
Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	S	H	K	dmin			
S0806K-STWBR/L-06-L15	**A0806K-STWCR-06-L15**	8	125	15	4.5	1.5	7	15	9	TB..0601..	①	0.05
S08K-STWCR/L-09	**A08K-STWCR/L-09**	8	125	23	6	2	7	15	11	TC..0902..	②	0.05
S10K-STWCR/L-11	**A10K-STWCR/L-11**	10	125	23	7.5	2.5	9	15	13	TC..1102..	③	0.08
S12M-STWCR/L-11	**A12M-STWCR/L-11**	12	150	30	8.5	2.5	11	13	16			0.13
S14M-STWCR/L-11		14	150	30	9.5	2.5	13	11	18			0.18
S16Q-STWCR/L-11	**A16Q-STWCR/L-11**	16	180	35	10.5	2.5	15	10	20			0.28
S20R-STWCR/L-11	**A20R-STWCR/L-11**	20	200	40	12.5	2.5	18	7	25			0.49
S20R-STWCR/L-16	**A20R-STWCR/L-16**	20	200	40	14.5	4.5	18	8	26	TC..16T3..	④	0.49
S25R-STWCR/L-16	**A25R-STWCR/L-16**	25	200	45	17	4.5	23	6	30			0.77
S32S-STWCR/L-16	**A32S-STWCR/L-16**	32	250	50	20.5	4.5	30	4	40			1.58
S08K-STWPR/L-08	**A08K-STWPR/L-08**	8	125	20	6	2	7	15	11	TP..0802..	⑤	0.05
S08K-STWPR/L-09	**A08K-STWPR/L-09**	8	125	23	6	2	7	15	11	TP..0902..	⑥	0.05
S10K-STWPR/L-09	**A10K-STWPR/L-09**	10	125	23	7.5	2.5	9	15	13			0.08
S10K-STWPR/L-11	**A10K-STWPR/L-11**	10	125	23	7.5	2.5	9	15	13	TP..1103..	⑦	0.08
S12M-STWPR/L-11	**A12M-STWPR/L-11**	12	150	30	8.5	2.5	11	13	16			0.13
S14M-STWPR/L-11		14	150	30	9.5	2.5	13	11	18			0.18
S16Q-STWPR/L-11	**A16Q-STWPR/L-11**	16	180	35	10.5	2.5	15	10	20			0.28
S20R-STWPR/L-11	**A20R-STWPR/L-11**	20	200	40	12.5	2.5	18	7	25			0.49
S20R-STWPR/L-1603	**A20R-STWPR/L-1603**	20	200	40	14.5	4.5	18	8	26	TP..1603..	⑧	0.49

	Carbide shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
	無水孔Non-coolant	水孔Coolant	D	L	L1	F	S	H	K	dmin			
NEW	**C12M-STWCR-11**		12	150	30	8.5	2.5	11.2	13	16	TC..1102..	③	0.24
NEW	**C12Q-STWCR-11**		12	180	30	8.5	2.5	11.2	13	16			0.29
NEW	**C16R-STWCR-11**		16	200	35	10.5	2.5	15.2	10	20			0.58
NEW	**C08K-STWPR-09**		8	125	23	6	2	7.2	15	11	TP..0902..	⑥	0.09
NEW	**C12M-STWPR-11**		12	150	30	8.5	2.5	11.2	13	16	TP..1103..	⑦	0.24

Insert	Spare parts	Screw	Wrench
TB..0601..	①	MS2004A	ETF06
TC..0902..	②	MS2205A	ETF07
TC..1102..	③	MS2506A	ETF09
TC..16T3..	④	MS4011A	ETF15
TP..0802..	⑤	MS2205A	ETF07
TP..0902..	⑥	MS2506A	ETF09
TP..1103..	⑦	MS3008A	ETF09
TP..1603..	⑧	MS4011A	ETF15

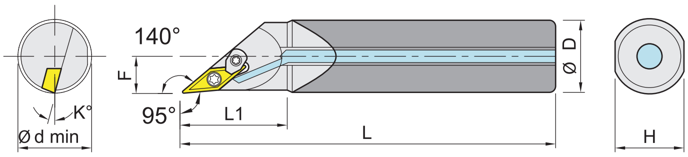
SVJB/C..CL





Coolant steel shank+clamp (right shown)

中心出水鋼柄+壓板 右向示意圖



Coolant carbide shank+clamp (right shown)

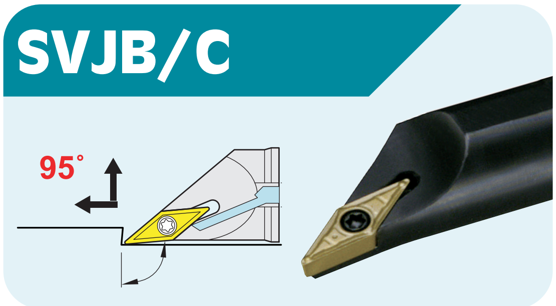
中心出水鎢鋼柄+壓板 右向示意圖

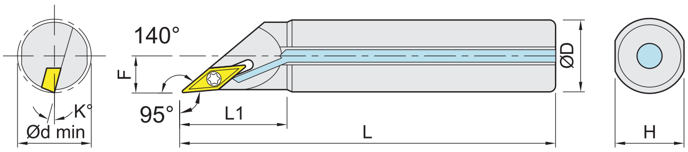
	Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
	無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
NEW	S16Q-SVJBR/L-11CL	A16Q-SVJBR/L-11CL	16	180	38	9.5	15	7	19	VB..1103..	①	0.28
NEW	S20R-SVJBR/L-11CL	A20R-SVJBR/L-11CL	20	200	42	11.5	18	7	23			0.49
NEW	S20R-SVJBR/L-16CL	A20R-SVJBR/L-16CL	20	200	42	11.5	18	7	23	VB..1604..	②	0.49
NEW	S25R-SVJBR/L-16CL	A25R-SVJBR/L-16CL	25	200	45	14	23	5	28			0.77
NEW	S32S-SVJBR/L-16CL	A32S-SVJBR/L-16CL	32	250	50	17.5	30	4	35			1.58
NEW	S40T-SVJBR/L-16CL	A40T-SVJBR/L-16CL	40	300	60	21.5	37	2	43			2.96
NEW	S16Q-SVJCR/L-11CL	A16Q-SVJCR/L-11CL	16	180	38	9.5	15	7	19	VC..1103..	①	0.28
NEW	S20R-SVJCR/L-11CL	A20R-SVJCR/L-11CL	20	200	42	11.5	18	7	23			0.49
NEW	S20R-SVJCR/L-16CL	A20R-SVJCR/L-16CL	20	200	42	11.5	18	7	23	VC..1604..	②	0.49
NEW	S25R-SVJCR/L-16CL	A25R-SVJCR/L-16CL	25	200	45	14	23	5	28			0.77
NEW	S32S-SVJCR/L-16CL	A32S-SVJCR/L-16CL	32	250	50	17.5	30	4	35			1.58
NEW	S40T-SVJCR/L-16CL	A40T-SVJCR/L-16CL	40	300	60	21.5	37	2	43			2.96

	Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
	無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
NEW	C16R-SVJBR/L-11CL	E16R-SVJBR/L-11CL	16	200	38	9.5	15.2	7	19	VB..1103..	①	0.58
NEW	C20R-SVJBR/L-11CL	E20R-SVJBR/L-11CL	20	200	42	11.5	19.2	7	23			0.91
NEW	C20R-SVJBR/L-16CL	E20R-SVJBR/L-16CL	20	200	42	11.5	19.2	7	23	VB..1604..	②	0.91
NEW	C25S-SVJBR/L-16CL	E25S-SVJBR/L-16CL	25	250	45	14	24.2	5	28			1.78
NEW	C16R-SVJCR/L-11CL	E16R-SVJCR/L-11CL	16	200	38	9.5	15.2	7	19	VC..1103..	①	0.58
NEW	C20R-SVJCR/L-11CL	E20R-SVJCR/L-11CL	20	200	42	11.5	19.2	7	23			0.91
NEW	C20R-SVJCR/L-16CL	E20R-SVJCR/L-16CL	20	200	42	11.5	19.2	7	23	VC..1604..	②	0.91
NEW	C25S-SVJCR/L-16CL	E25S-SVJCR/L-16CL	25	250	45	14	24.2	5	28			1.78

Insert	Spare parts	Screw	Wrench	Clamp	Wrench
VB/VC..1103..	①	MS2506A	ETF09	MC35-5V	ETF15
VB/VC..1604..	②	MS3509B	--	MC35-3V	ETF15

SVJB/C



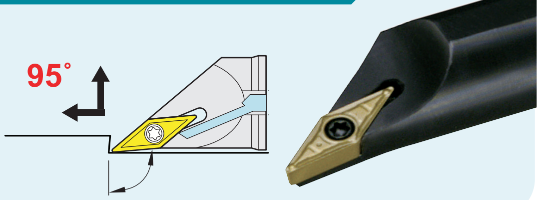


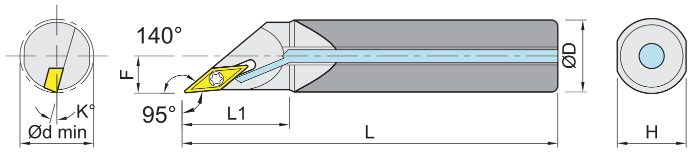
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S10K-SVJBR/L-11	**A10K-SVJBR/L-11**	10	125	25	6	9	13	12	VB..1103..	①	0.08
S12M-SVJBR/L-11	**A12M-SVJBR/L-11**	12	150	30	7	11	10	14			0.13
S16Q-SVJBR/L-11	**A16Q-SVJBR/L-11**	16	180	38	9.5	15	7	19			0.28
S20R-SVJBR/L-11	**A20R-SVJBR/L-11**	20	200	42	11.5	18	7	23			0.49
S16Q-SVJBR/L-16	**A16Q-SVJBR/L-16**	16	180	38	9.5	15	7	19	VB..1604..	②	0.28
S20R-SVJBR/L-16	**A20R-SVJBR/L-16**	20	200	42	11.5	18	7	23			0.49
S25R-SVJBR/L-16	**A25R-SVJBR/L-16**	25	200	45	14	23	5	28			0.77
S32S-SVJBR/L-16	**A32S-SVJBR/L-16**	32	250	50	17.5	30	4	35			1.58
S40T-SVJBR/L-16		40	300	60	21.5	37	2	43			2.96
S08K-SVJCR/L-08	**A08K-SVJCR/L-08**	8	125	22	5	7	15	10	VC..0802..	③	0.05
S10K-SVJCR/L-08	**A10K-SVJCR/L-08**	10	125	25	6	9	13	12			0.08
S10K-SVJCR/L-11	**A10K-SVJCR/L-11**	10	125	25	6	9	13	12	VC..1103..	①	0.08
S12M-SVJCR/L-11	**A12M-SVJCR/L-11**	12	150	30	7	11	10	14			0.13
S16Q-SVJCR/L-11	**A16Q-SVJCR/L-11**	16	180	38	9.5	15	7	19			0.28
S20R-SVJCR/L-11	**A20R-SVJCR/L-11**	20	200	42	11.5	18	7	23			0.49
S16Q-SVJCR/L-16	**A16Q-SVJCR/L-16**	16	180	38	9.5	15	7	19	VC..1604..	②	0.28
S20R-SVJCR/L-16	**A20R-SVJCR/L-16**	20	200	42	11.5	18	7	23			0.49
S25R-SVJCR/L-16	**A25R-SVJCR/L-16**	25	200	45	14	23	5	28			0.77
S32S-SVJCR/L-16	**A32S-SVJCR/L-16**	32	250	50	17.5	30	4	35			1.58
S40T-SVJCR/L-16		40	300	60	21.5	37	2	43			2.96

Insert	Spare parts	Screw	Wrench
VB/VC..1103..	①	MS2506A	ETF09
VB/VC..1604..	②	MS3509B	ETF15
VC..0802..	③	MS2005A	ETF06

SVJB/C



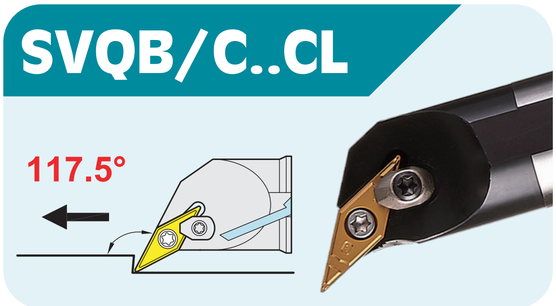


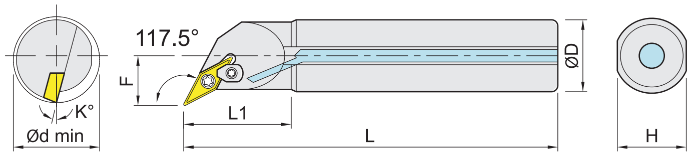
Coolant carbide shank (right shown)
中心出水鎢鋼柄 右向示意圖

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C10K-SVJBR/L-11	**E10K-SVJBR-11**	10	125	25	6	9.2	13	12	VB..1103..	①	0.14
C12M-SVJBR/L-11	**E12M-SVJBR-11**	12	150	30	7	11.2	10	14			0.24
C16R-SVJBR/L-11	**E16R-SVJBR-11**	16	200	38	9.5	15.2	7	19			0.58
C20R-SVJBR/L-11		20	200	42	11.5	19.2	7	23			0.90
C16R-SVJBR-16		16	200	38	9.5	15.2	7	19	VB..1604..	②	0.58
C20R-SVJBR-16		20	200	42	11.5	19.2	7	23			0.90
C25S-SVJBR-16		25	250	45	14	24.2	5	28			1.77
C08K-SVJCR/L-08		8	125	22	5	7	15	10	VC..0802..	③	0.09
C10K-SVJCR/L-08		10	125	25	6	9	13	12			0.14
C10K-SVJCR/L-11	**E10K-SVJCR/L-11**	10	125	25	6	9	13	12	VC..1103..	①	0.14
C12M-SVJCR/L-11	**E12M-SVJCR/L-11**	12	150	30	7	11	10	14			0.24
C16Q-SVJCR/L-11	**E16Q-SVJCR/L-11**	16	180	38	9.5	15	7	19			0.58
C20R-SVJCR/L-11	**E20R-SVJCR/L-11**	20	200	42	11.5	18	7	23			0.90
C16Q-SVJCR-16		16	180	38	9.5	15	7	19	VC..1604..	②	0.58
C20R-SVJCR-16		20	200	42	11.5	18	7	23			0.90
C25R-SVJCR-16		25	200	45	14	23	5	28			1.77

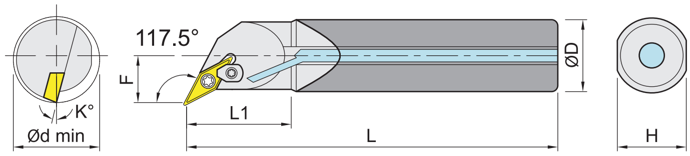
Insert	Spare parts	Screw	Wrench
VB/VC..1103..	①	MS2506A	ETF09
VB/VC..1604..	②	MS3509B	ETF15
VC..0802..	③	MS2005A	ETF06

SVQB/C..CL





Coolant steel shank+clamp (right shown)
中心出水鋼柄+壓板 右向示意圖



Coolant carbide shank+clamp (right shown)
中心出水鎢鋼柄+壓板 右向示意圖

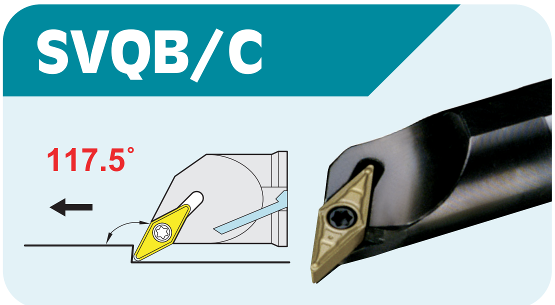
	Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
	無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
NEW	S20R-SVQBR/L-16CL	A20R-SVQBR/L-16CL	20	200	40	13.5	18	5	27	VB..1604..	①	0.49
NEW	S25R-SVQBR/L-16CL	A25R-SVQBR/L-16CL	25	200	45	16	23	5	32			0.77
NEW	S25S-SVQBR/L-16CL	A25S-SVQBR/L-16CL	25	250	45	16	23	5	32			0.96
NEW	S32S-SVQBR/L-16CL	A32S-SVQBR/L-16CL	32	250	48	20	30	5	40		②	1.58
NEW	S40T-SVQBR/L-16CL	A40T-SVQBR/L-16CL	40	300	60	25.5	37	5	50			2.96
NEW	S20R-SVQCR/L-16CL	A20R-SVQCR/L-16CL	20	200	40	13.5	18	5	27	VC..1604..	①	0.49
NEW	S25R-SVQCR/L-16CL	A25R-SVQCR/L-16CL	25	200	45	16	23	5	32			0.77
NEW	S25S-SVQCR/L-16CL	A25S-SVQCR/L-16CL	25	250	45	16	23	5	32			0.96
NEW	S32S-SVQCR/L-16CL	A32S-SVQCR/L-16CL	32	250	48	20	30	5	40		②	1.58
NEW	S40T-SVQCR/L-16CL	A40T-SVQCR/L-16CL	40	300	60	25.5	37	5	50			2.96

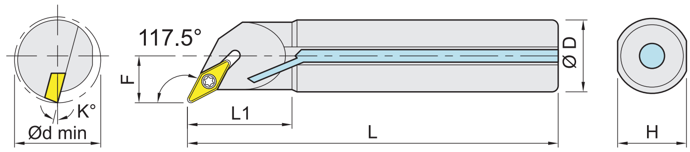
	Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
	無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
NEW	C20R-SVQBR/L-16CL	E20R-SVQBR/L-16CL	20	200	40	13.5	19.2	5	27	VB..1604..	①	0.92
NEW	C25S-SVQBR/L-16CL	E25S-SVQBR/L-16CL	25	250	45	16	24.2	5	32			1.78
NEW	C20R-SVQCR/L-16CL	E20R-SVQCR/L-16CL	20	200	40	13.5	19.2	5	27	VC..1604..	①	0.92
NEW	C25S-SVQCR/L-16CL	E25S-SVQCR/L-16CL	25	250	45	16	24.2	5	32			1.78

Insert	Spare parts	Shim	Screw	Wrench	Screw	Wrench	Clamp	Wrench
VB/VC..1604..	①	--	--	--	MS3509B	--	MC35-3V	ETF15
VB/VC..1604..	②	VSS322	MDS05035S	PL35	MS3512B	--	MC35-3V	ETF15

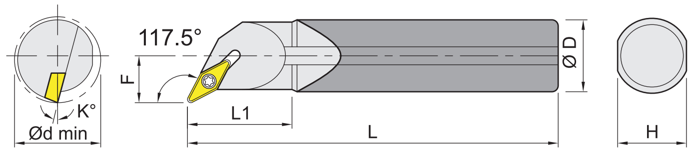
BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

SVQB/C





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Carbide shank (right shown)
鎢鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S12M-SVQBR/L-11	A12M-SVQBR/L-11	12	150	28	9	11	10	16	VB..1103..	①	0.13
S16Q-SVQBR/L-11	A16Q-SVQBR/L-11	16	180	35	11	15	7	20			0.28
S20R-SVQBR/L-11	A20R-SVQBR/L-11	20	200	40	13	18	7	25			0.49
S20R-SVQBR/L-16	A20R-SVQBR/L-16	20	200	40	13.5	18	5	27	VB..1604..	②	0.49
S25R-SVQBR/L-16	A25R-SVQBR/L-16	25	200	45	16	23	5	32			0.77
S25S-SVQBR/L-16	A25S-SVQBR/L-16	25	250	45	16	23	5	32			0.96
S32S-SVQBR/L-16	A32S-SVQBR/L-16	32	250	48	20	30	5	40		③	1.58
S32V-SVQBR/L-16		32	400	48	20	30	5	40			2.53
S40T-SVQBR/L-16		40	300	60	25.5	37	5	50			2.96
S40V-SVQBR/L-16		40	400	60	25.5	37	5	50			3.95
S12M-SVQCR/L-11	A12M-SVQCR/L-11	12	150	28	9	11	10	16	VC..1103..	①	0.13
S16Q-SVQCR/L-11	A16Q-SVQCR/L-11	16	180	35	11	15	7	20			0.28
S20R-SVQCR/L-11	A20R-SVQCR/L-11	20	200	40	13	18	7	25			0.49
S20R-SVQCR/L-16	A20R-SVQCR/L-16	20	200	40	13.5	18	5	27	VC..1604..	②	0.49
S25R-SVQCR/L-16	A25R-SVQCR/L-16	25	200	45	16	23	5	32			0.77
S25S-SVQCR/L-16	A25S-SVQCR/L-16	25	250	45	16	23	5	32			0.96
S32S-SVQCR/L-16	A32S-SVQCR/L-16	32	250	48	20	30	5	40	VC..1604..	③	1.58
S40T-SVQCR/L-16		40	300	60	25.5	37	5	50			2.96
S40V-SVQCR/L-16		40	400	60	25.5	37	5	50			3.95

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C12M-SVQBR-11		12	150	28	9	11.2	10	16	VB..1103..	①	0.24
C16R-SVQBR-11		16	200	35	11	15.2	7	20			0.58
C20R-SVQBR-11		20	200	40	13	19.2	7	25			0.90
C20R-SVQBR-16		20	200	40	13.5	19.2	7	27	VB..1604..	②	0.90
C25S-SVQBR-16		25	250	45	16	24.2	5	32			1.77
C12M-SVQCR/L-11		12	150	28	9	11.2	10	16	VC..1103..	①	0.24
C16R-SVQCR/L-11		16	200	35	11	15.2	7	20			0.58
C20R-SVQCR/L-11		20	200	40	13	19.2	7	25			0.90
C20R-SVQCR-16		20	200	40	13.5	19.2	5	27	VC..1604..	②	0.90
C25S-SVQCR-16		25	250	45	16	24.2	5	32			1.77

Insert	Spare parts	Shim	Screw	Wrench	Screw	Wrench
VB/VC..1103..	①	--	--	--	MS2506A	ETF09
VB/VC..1604..	②	--	--	--	MS3509B	ETF15
VB/VC..1604..	③	VSS322	MDS05035S	PL35	MS3512B	ETF15

A25K-SVQBR-16	S=鋼柄(Steel shank) A=鋼柄＋出水(Steel shank+coolant hole) C=鎢鋼柄(Cemented carbide shank with steel head) E=鎢鋼柄＋出水(Cemented carbide shank with steel head+coolant hole)

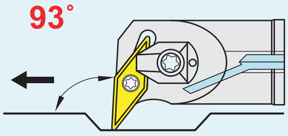
Carbide shank 無水孔Non-coolant	Item code 水孔Coolant	Dimensions,mm D	L	L1	F	H	K	dmin	Insert	Spare parts	Weight Kg
C12M-SVQBR-11		12	150	28	9	11.2	10	16	VB..1103..	①	0.24
C16R-SVQBR-11		16	200	35	11	15.2	7	20			0.58
C20R-SVQBR-11		20	200	40	13	19.2	7	25			0.90
C20R-SVQBR-16		20	200	40	13.5	19.2	5	27	VB..1604..	②	0.90
C25S-SVQBR-16		25	250	45	16	24.2	5	32			1.77
C12M-SVQCR/L-11		12	150	28	9	11.2	10	16	VC..1103..	①	0.24
C16R-SVQCR/L-11		16	200	35	11	15.2	7	20			0.58
C20R-SVQCR/L-11		20	200	40	13	19.2	7	25			0.90
C20R-SVQCR-16		20	200	40	13.5	19.2	5	27	VC..1604..	②	0.90
C25S-SVQCR-16		25	250	45	16	24.2	5	32			1.77

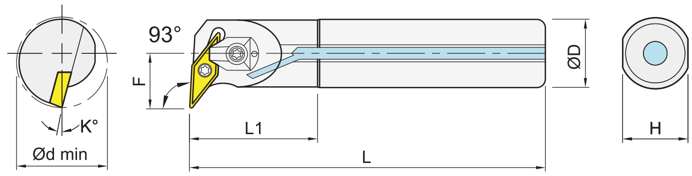
Insert	Spare parts	Shim	Screw	Wrench	Screw	Wrench
VB/VC..1103..	①	--	--	--	MS2506A	ETF09
VB/VC..1604..	②	--	--	--	MS3509B	ETF15
VB/VC..1604..	③	VSS322	MDS05035S	PL35	MS3512B	ETF15

A25K-SVQBR-16	S=鋼柄(Steel shank) A=鋼柄＋出水(Steel shank+coolant hole) C=鎢鋼柄(Cemented carbide shank with steel head) E=鎢鋼柄＋出水(Cemented carbide shank with steel head+coolant hole)

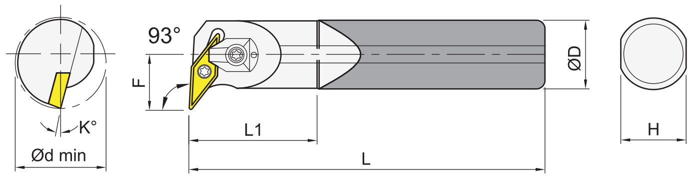
BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

SVUB/C..CL





Coolant steel shank+clamp (right shown)
中心出水鋼柄+壓板 右向示意圖



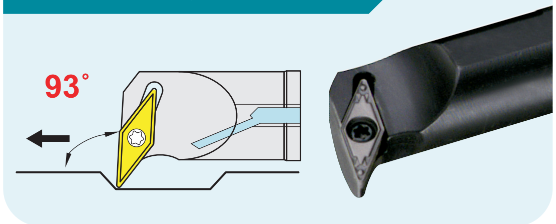
Carbide shank+clamp (right shown)
鎢鋼柄+壓板 右向示意圖

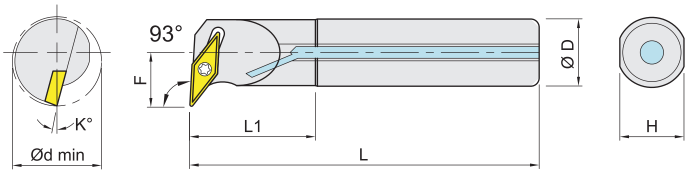
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S16Q-SVUBR/L-11CL	A16Q-SVUBR/L-11CL	16	180	30	13	15	7	22	VB..1103..	①	0.28
S20R-SVUBR/L-11CL	A20R-SVUBR/L-11CL	20	200	40	15	18	7	27			0.49
S20R-SVUBR/L-16CL	A20R-SVUBR/L-16CL	20	200	40	19.5	18	5	32	VB..1604..	②	0.49
S25R-SVUBR-16CL		25	200	45	18	23	5	32			0.77
S40T-SVUBR-16CL		40	300	55	27	37	5	50		③	2.96
S16Q-SVUCR/L-11CL	A16Q-SVUCR/L-11CL	16	180	30	13	15	7	22	VC..1103..	①	0.28
S20R-SVUCR/L-11CL	A20R-SVUCR/L-11CL	20	200	40	15	18	7	27			0.49
S20R-SVUCR/L-16CL	A20R-SVUCR/L-16CL	20	200	40	19.5	18	5	32	VC..1604..	②	0.49
S25R-SVUCR/L-16CL	A25R-SVUCR-16CL	25	200	45	18	23	5	32			0.77
S32S-SVUCR-16CL		32	250	50	22	30	5	40	VC..1604..	③	1.58
S40T-SVUCR-16CL		40	300	55	27	37	5	50			2.96
S40U-SVUCR-16CL		40	350	55	27	37	5	50			3.45

Carbide shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
C16R-SVUBR-11CL		16	200	30	13	15.2	7	22	VB..1103..	①	0.58
C20R-SVUBR-11CL		20	200	40	15	19.2	7	27			0.91
C20R-SVUBR-16CL		20	200	40	19.5	19.2	5	32	VB..1604..	②	0.91
C25S-SVUBR-16CL		25	250	45	18	24.2	5	32			1.77
C16R-SVUCR/L-11CL	E16R-SVUCR-11CL	16	200	30	13	15.2	7	22	VC..1103..	①	0.58
C20R-SVUCR/L-11CL		20	200	40	15	19.2	7	27			0.91
C20R-SVUCR-16CL		20	200	40	19.5	19.2	5	32	VC..1604..	②	0.91
C25S-SVUCR-16CL		25	250	45	18	24.2	5	32			1.77

Insert	Spare parts	Shim	Screw	Wrench	Screw	Wrench	Clamp	Wrench
VB/VC..1103..	①	--	--	--	MS2506A	ETF09	MC35-3V	ETF15
VB/VC..1604..	②	--	--	--	MS3509B	--	MC35-3V	ETF15
VB/VC..1604..	③	VSS322	MDS05035S	PL35	MS3512B	--	MC35-3V	ETF15

SVUB/C





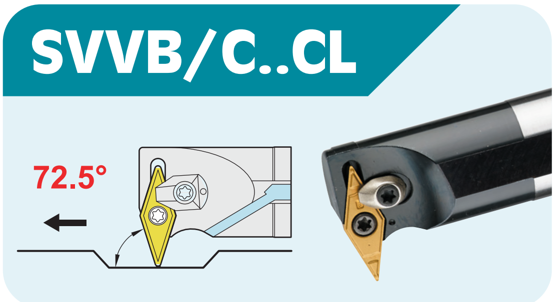
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

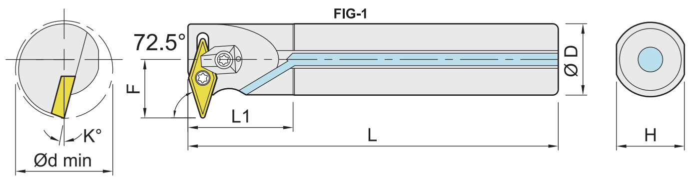
Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S16Q-SVUBR/L-11	A16Q-SVUBR/L-11	16	180	30	13	15	7	22	VB..1103..	①	0.28
S20R-SVUBR/L-11	A20R-SVUBR/L-11	20	200	40	15	18	7	27			0.49
S25R-SVUBR/L-16	A25R-SVUBR/L-16	25	200	45	18	23	5	32	VB..1604..	②	0.77
S25S-SVUBR/L-16	A25S-SVUBR/L-16	25	250	45	18	23	5	32			0.96
S32S-SVUBR/L-16	A32S-SVUBR/L-16	32	250	50	22	30	5	40		③	1.58
S40T-SVUBR/L-16	A40T-SVUBR/L-16	40	300	55	27	37	5	50			2.96
S40U-SVUBR/L-16		40	350	55	27	37	5	50			3.45
S40V-SVUBR/L-16		40	400	55	27	37	5	50			3.95
S12M-SVUCR/L-08	A12M-SVUCR/L-08	12	150	26	9.5	11	10	16	VC..0802..	④	0.13
S1612M-SVUCR/L-08	A1612M-SVUCR/L-08	16	150	31	9.5	15	10	16			0.24
S16Q-SVUCR/L-11	A16Q-SVUCR/L-11	16	180	30	13	15	7	22	VC..1103..	①	0.28
S20R-SVUCR/L-11	A20R-SVUCR/L-11	20	200	40	15	18	7	27			0.49
S25R-SVUCR/L-16	A25R-SVUCR/L-16	25	200	45	18	23	5	32	VC..1604..	②	0.77
S25S-SVUCR/L-16	A25S-SVUCR/L-16	25	250	45	18	23	5	32			0.96
S32S-SVUCR/L-16	A32S-SVUCR/L-16	32	250	50	22	30	5	40	VC..1604..	③	1.58
S40T-SVUCR/L-16	A40T-SVUCR/L-16	40	300	55	27	37	5	50			2.96
S40U-SVUCR/L-16	A40U-SVUCR/L-16	40	350	55	27	37	5	50			3.45
S40V-SVUCR/L-16	A40V-SVUCR/L-16	40	400	55	27	37	5	50			3.95

Insert	Spare parts	Shim	Screw	Wrench	Screw	Wrench
VB/VC..1103..	①	--	--	--	MS2506A	ETF09
VB/VC..1604..	②	--	--	--	MS3509B	ETF15
VB/VC..1604..	③	VSS322	MDS05035S	PL35	MS3512B	ETF15
VC..0802..	④	--	--	--	MS2005A	ETF06

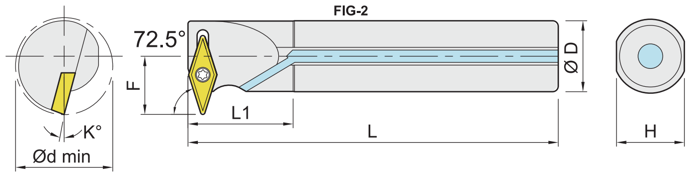
BORING BARS 內徑車刀
TOOLHOLDERS 外徑車刀
THREADING & GROOVING 牙刀&開槽刀
MILLING 銑刀
BORING TOOLS COMPONENTS 孔加工
SPARE PARTS 配件

SVVB/C..CL





Coolant steel shank+clamp (right shown)
中心出水鋼柄+壓板 右向示意圖



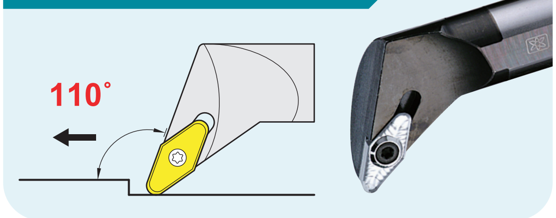
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

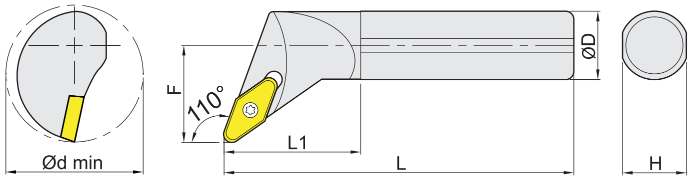
FIG-1 Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S16Q-SVVBR/L-11CL	**A16Q-SVVBR/L-11CL**	16	180	35	13	15	6	25	VB..1103..	①	0.28
S20R-SVVBR/L-11CL	**A20R-SVVBR/L-11CL**	20	200	38	16	18	5	32			0.49
S25R-SVVBR/L-16CL	**A25R-SVVBR/L-16CL**	25	200	45	20.5	23	5	34	VB..1604..	②	0.77
S25S-SVVBR/L-16CL	**A25S-SVVBR/L-16CL**	25	250	45	20.5	23	5	34			0.96
S32S-SVVBR/L-16CL	**A32S-SVVBR/L-16CL**	32	250	50	25.5	30	5	42		③	1.59
S16Q-SVVCR/L-11CL	**A16Q-SVVCR/L-11CL**	16	180	35	13	15	6	25	VC..1103..	①	0.28
S20R-SVVCR/L-11CL	**A20R-SVVCR/L-11CL**	20	200	38	16	18	5	32			0.49
S25R-SVVCR/L-16CL	**A25R-SVVCR/L-16CL**	25	200	45	20.5	23	5	34	VC..1604..	②	0.77
S25S-SVVCR/L-16CL	**A25S-SVVCR/L-16CL**	25	250	45	20.5	23	5	34			0.96
S32S-SVVCR/L-16CL	**A32S-SVVCR/L-16CL**	32	250	50	25.5	30	5	42		③	1.59

FIG-2 Steel shank Item code		Dimensions,mm							Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	K	dmin			
S25R-SVVBR/L-16	**A25R-SVVBR/L-16**	25	200	45	20.5	23	5	34	VB..1604..	④	0.77
S25S-SVVBR/L-16		25	250	45	20.5	23	5	34			0.96
S32S-SVVBR/L-16		32	250	50	25.5	30	5	42		⑤	1.58
S25S-SVVCR/L-16		25	250	45	20.5	23	5	34	VC..1604..	④	0.96
S32S-SVVCR/L-16		32	250	50	25.5	30	5	42		⑤	1.58

Insert	Spare parts	Shim	Screw	Wrench	Screw	Wrench	Clamp	Wrench
VB/VC..1103..	①	--	--	--	MS2506A	ETF09	MC35-3V	ETF15
VB/VC..1604..	②	--	--	--	MS3509B	--	MC35-3V	ETF15
VB/VC..1604..	③	VSS322	MDS05035S	PL35	MS3512B	--	MC35-3V	ETF15
VB/VC..1604..	④	--	--	--	MS3509B	ETF15	--	--
VB/VC..1604..	⑤	VSS322	MDS05035S	PL35	MS3512B	ETF15	--	--

SVXC

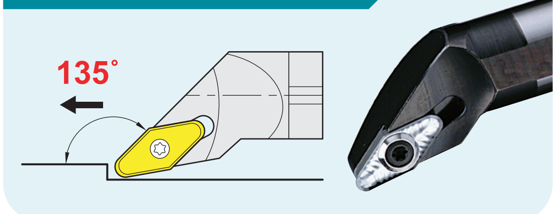


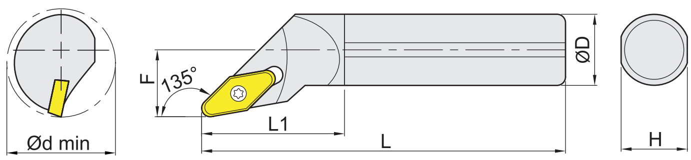


Steel shank (right shown)
鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm						Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	dmin			
S25N-SVXCR-22-A125-D71		25	160	50	35.5	23	50	VC..2205..	1	0.62

SVXC





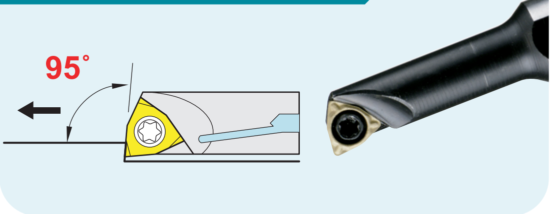
Steel shank (right shown)
鋼柄 右向示意圖

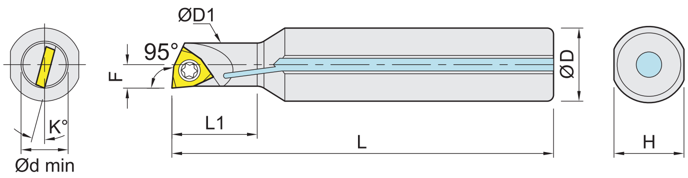
Steel shank Item code		Dimensions,mm						Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	L	L1	F	H	dmin			
S25N-SVXCR-22-A100-D47		25	160	50	23.5	23	38	VC..2205..	1	0.62

Insert	Spare parts	Screw	Wrench
VC..2205..	1	MS5011A	ETF20

內徑車刀 BORING BARS
外徑車刀 TOOLHOLDERS
牙刀&開槽刀 THREADING & GROOVING
銑刀 MILLING
孔加工 BORING TOOLS COMPONENTS
配件 SPARE PARTS

SWLC



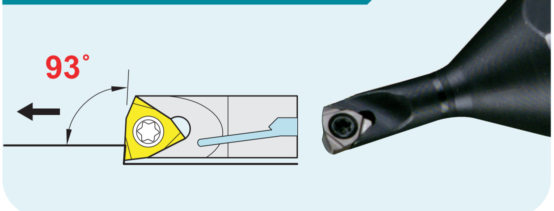


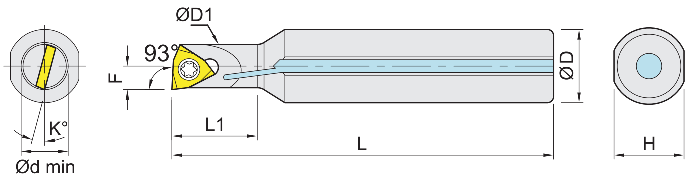
Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	D1	L	L1	F	H	K	dmin			
S0805K-SWLCR-02-L15	A0805K-SWLCR-02-L15	8	5	125	15	3.0	7	12	6	WC..0201..	①	0.05
S0805K-SWLCR-02-L18	A0805K-SWLCR-02-L18	8	5	125	18	3.0	7	12	6			0.05
S1005K-SWLCR-02-L15	A1005K-SWLCR-02-L15	10	5	125	15	3.0	9	12	6			0.08
S1006K-SWLCR-02-L15		10	6	125	15	3.5	9	12	7			0.08

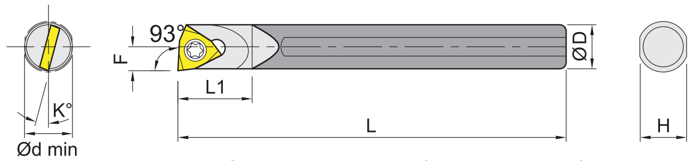
Insert	Spare parts	Screw	Wrench
WC..0201..	①	MS2003A	ETF06

SWUB





Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖



Carbide shank (right shown)
鎢鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	D1	L	L1	F	H	K	dmin			
S1005K-SWUBR/L-06-L15	A1005K-SWUBR/L-06-L15	10	5	125	15	3.0	9	12	6	WB..0601..	①	0.08
S1006K-SWUBR/L-06-L18	A1006K-SWUBR/L-06-L18	10	6	125	18	3.5	9	12	7			0.08
S1007K-SWUBR/L-06-L20	A1007K-SWUBR/L-06-L20	10	7	125	20	4.0	9	12	8	WB..0601..	②	0.08
S1205K-SWUBR/L-06-L15	A1205K-SWUBR/L-06-L15	12	5	125	15	3.0	11	12	6		①	0.11
S1605K-SWUBR/L-06-L15	A1605K-SWUBR/L-06-L15	16	5	125	15	3.0	15	12	6			0.20

Carbide shank Item code		Dimensions,mm								Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	D1	L	L1	F	H	K	dmin			
C05H-SWUBR/L-06	--	5	--	100	15	3.0	4.7	12	6	WB..0601..	①	0.03
C06J-SWUBR/L-06	--	6	--	110	15	3.5	5.7	12	7			0.05
C07J-SWUBR-06	--	7	--	110	18	4.0	6.7	12	8		②	0.06

※鎢鋼柄Ø7以下刀桿僅一面側固(Carbide shank below Ø7 is one welden flat only)。

Insert	Spare parts	Screw	Wrench
WB..0601..	①	MS2003A	ETF06
WB..0601..	②	MS2004A	ETF06

內徑車刀套筒

SLEEVES FOR BORING BARS

內徑車刀套筒
SLEEVES FOR BORING BARS

FIG-1

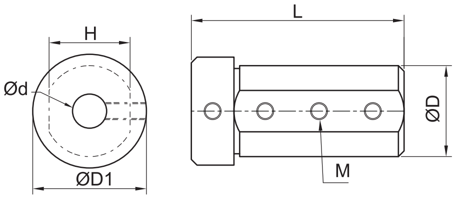


FIG-2

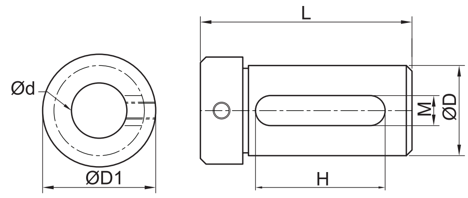
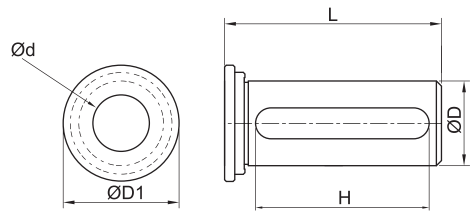


FIG-3

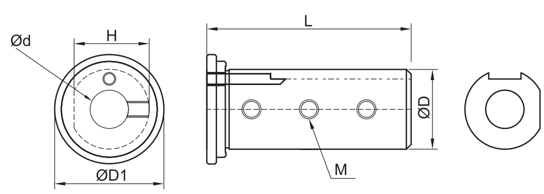


無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC1603	FIG-1	3	16	62	14.5	M4	0.11
NC1604	FIG-1	4	16	62	14.5	M5	0.10
NC1605	FIG-1	5	16	62	14.5	M5	0.08
NC1606	FIG-1	6	16	62	14.5	M5	0.08
NC1608	FIG-1	8	16	62	14.5	M5	0.07
NC1610	FIG-1	10	16	62	14.5	M5	0.06
NC1612	FIG-2	12	16	62	49	11	0.06
NC2004	FIG-1	4	20	67	17.5	M5	0.17
NC2005	FIG-1	5	20	67	17.5	M5	0.17
NC2006	FIG-1	6	20	67	17.5	M6	0.16
NC2007	FIG-1	7	20	67	17.5	M6	0.15
NC2008	FIG-1	8	20	67	17.5	M6	0.14
NC2010	FIG-1	10	20	67	17.5	M6	0.13
NC2012	FIG-1	12	20	67	17.5	M6	0.12
NC2014	FIG-2	14	20	67	54	13	0.09
NC2015	FIG-2	15	20	67	54	13	0.08
NC2016	FIG-2	16	20	67	54	13	0.07
NC20S06	FIG-1	6	20	52	18.5	M6	0.13
NC20S08	FIG-1	8	20	52	18.5	M6	0.12
NC20S10	FIG-1	10	20	52	18.5	M6	0.11
NC20S12	FIG-1	12	20	52	18.5	M6	0.10
NC20S16	FIG-2	16	20	52	39	11	0.06

無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC2514	FIG-3	14	25	64	51	12	0.20
NC2515	FIG-3	15	25	64	51	12	0.19
NC2516	FIG-3	16	25	64	51	12	0.18
NC2517	FIG-3	17	25	64	51	12	0.17
NC2518	FIG-3	18	25	64	51	12	0.16
NC2520	FIG-3	20	25	64	51	12	0.13
NC2522	FIG-3	22	25	64	51	12	0.10
NC3204	FIG-1	4	32	80	29.5	M6	0.54
NC3205	FIG-1	5	32	80	29.5	M6	0.54
NC3206	FIG-1	6	32	85	29.5	M6	0.56
NC3207	FIG-1	7	32	85	29.5	M6	0.63
NC3208	FIG-1	8	32	85	29.5	M6	0.54
NC3210	FIG-1	10	32	100	29.5	M8	0.60
NC3212	FIG-1	12	32	100	29.5	M8	0.58
NC3214	FIG-1	14	32	100	29.5	M8	0.55
NC3215	FIG-1	15	32	100	29.5	M8	0.55
NC3216	FIG-1	16	32	100	29.5	M8	0.52
NC3218	FIG-1	18	32	100	29.5	M8	0.49
NC3220	FIG-2	20	32	100	77	14	0.40
NC3222	FIG-2	22	32	100	77	14	0.36
NC3225	FIG-2	25	32	100	77	14	0.28

水孔 Coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC25-04A	FIG-4	4	25	64	23.5	M4	0.27
NC25-05A	FIG-4	5	25	64	23.5	M5	0.26
NC25-06A	FIG-4	6	25	64	23.5	M6	0.26
NC25-07A	FIG-4	7	25	64	23.5	M6	0.25
NC25-08A	FIG-4	8	25	64	23.5	M6	0.25
NC25-09A	FIG-4	9	25	64	23.5	M6	0.24
NC25-10A	FIG-4	10	25	64	23.5	M6	0.23
NC25-11A	FIG-4	11	25	64	23.5	M6	0.23
NC25-12A	FIG-4	12	25	64	23.5	M6	0.22
NEW NC25-13A	FIG-4	13	25	64	23.5	M6	0.20

FIG-4



※目錄中規格和工具尺寸如有變更，依實際出貨為主，本公司保有異動權利。
Please note that products are continuously updated. Product changes subject to future amendments.
Please contact us regarding the tools not mentioned in the catalog.

FIG-1

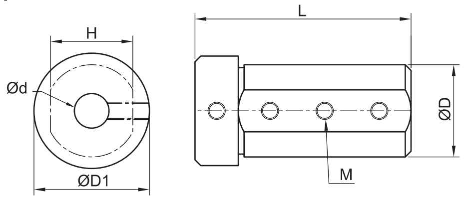


FIG-2

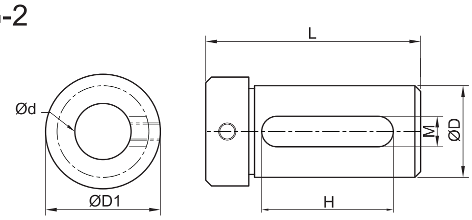


FIG-3

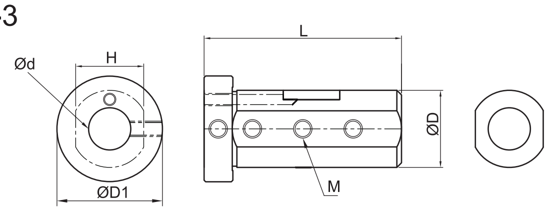
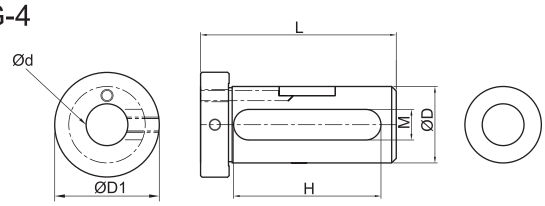


FIG-4



無水孔 Non-coolant	SHAPE	Weight (kg)	水孔 Coolant	SHAPE	Weight (kg)	Dimensions,mm				
						d	D	L	H	M
NC4005	FIG-1	1.03	NC40-05A	FIG-3	0.99	5	40	100	38	M6
NC4006	FIG-1	1.00	NC40-06A	FIG-3	0.99	6	40	100	38	M6
NC4007	FIG-1	1.01				7	40	100	38	M6
NC4008	FIG-1	0.99	NC40-08A	FIG-3	0.97	8	40	100	38	M8
NC4010	FIG-1	0.93	NC40-10A	FIG-3	0.95	10	40	100	38	M8
NC4012	FIG-1	0.94	NC40-12A	FIG-3	0.93	12	40	100	38	M8
			NC40-13A	FIG-3	0.92	13	40	100	38	M8
NC4014	FIG-1	0.90	NC40-14A	FIG-3	0.89	14	40	100	38	M8
NC4015	FIG-1	0.89				15	40	100	38	M8
NC4016	FIG-1	0.87	NC40-16A	FIG-3	0.86	16	40	100	38	M8
NC4018	FIG-1	0.83	NC40-18A	FIG-3	0.82	18	40	100	38	M8
NC4020	FIG-2	0.71	NC40-20A	FIG-4	0.71	20	40	100	78	14
NC4022	FIG-2	0.69				22	40	100	78	14
NC4025	FIG-2	0.60	NC40-25A	FIG-4	0.60	25	40	100	78	14
NC4032	FIG-2	0.38				32	40	100	78	14

無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC5008	FIG-1	8	50	100	48	M8	1.58
NC5010	FIG-1	10	50	100	48	M8	1.56
NC5012	FIG-1	12	50	100	48	M8	1.53
NC5014	FIG-1	14	50	100	48	M8	1.51
NC5016	FIG-1	16	50	100	48	M8	1.47
NC5018	FIG-1	18	50	100	48	M8	1.43
NC5020	FIG-1	20	50	100	48	M8	1.39
NC5025	FIG-1	25	50	100	48	M8	1.26
NC5032	FIG-2	32	50	100	77	14	0.95
NC5040	FIG-2	40	50	100	77	14	0.71
NC6020	FIG-1	20	60	120	57	M8	2.44
NC6025	FIG-1	25	60	120	57	M8	2.28
NC6032	FIG-1	32	60	120	57	M8	1.98
NC6040	FIG-1	40	60	120	57	M8	1.55
NC6050	FIG-2	50	60	120	102	14	0.87

無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC25-MTA1	FIG-6	MTA1	25	75	24	--	0.28
NC25-MTA2	FIG-6	MTA2	25	75	24	--	0.23
NC25-MTA3	FIG-6	MTA3	25	90	24	--	0.21
NC32-MTA1	FIG-5	MTA1	32	85	31	--	0.53
NC32-MTA2	FIG-6	MTA2	32	85	31	--	0.45
NC32-MTA3	FIG-6	MTA3	32	100	31	--	0.45
NC40-MTA1	FIG-5	MTA1	40	87	38	--	0.82
NC40-MTA2	FIG-6	MTA2	40	87	38	--	0.75
NC40-MTA3	FIG-6	MTA3	40	87	38	--	0.64
NC40-MTA4	FIG-6	MTA4	40	116	38	--	0.72
NC50-MTA1	FIG-7	MTA1	50	120	48	--	1.76
NC50-MTA2	FIG-8	MTA2	50	120	48.5	--	1.83
NC50-MTA3	FIG-8	MTA3	50	120	48.5	--	1.66
NC50-MTA4	FIG-6	MTA4	50	120	48.5	--	1.39
NC50-MTA5	FIG-6	MTA5	50	146	48	--	0.94

FIG-5

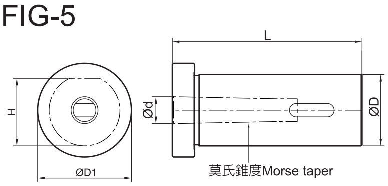


FIG-6

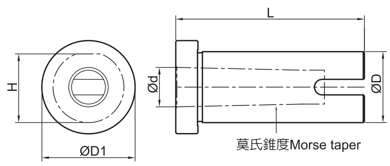


FIG-7

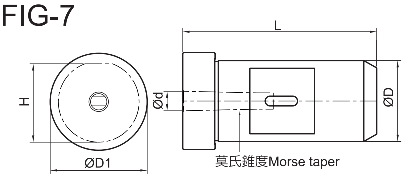


FIG-8

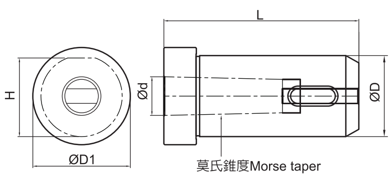


FIG-1

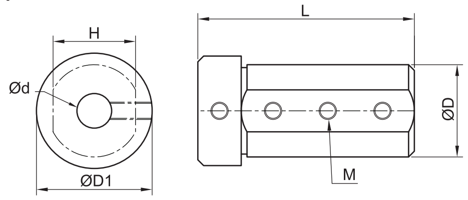


FIG-2

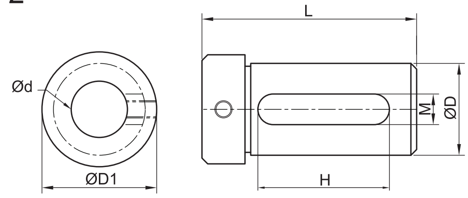


FIG-3

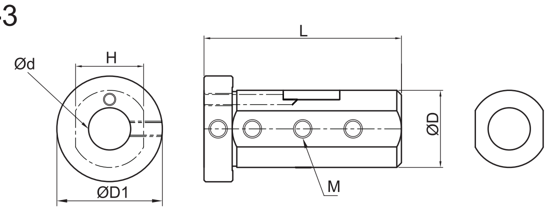
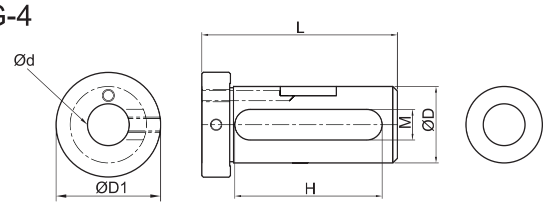


FIG-4



無水孔 Non-coolant	SHAPE	Weight (kg)	水孔 Coolant	SHAPE	Weight (kg)	Dimensions,mm				
						d	D	L	H	M
NC4005	FIG-1	1.03	NC40-05A	FIG-3	0.99	5	40	100	38	M6
NC4006	FIG-1	1.00	NC40-06A	FIG-3	0.99	6	40	100	38	M6
NC4007	FIG-1	1.01				7	40	100	38	M6
NC4008	FIG-1	0.99	NC40-08A	FIG-3	0.97	8	40	100	38	M8
NC4010	FIG-1	0.93	NC40-10A	FIG-3	0.95	10	40	100	38	M8
NC4012	FIG-1	0.94	NC40-12A	FIG-3	0.93	12	40	100	38	M8
			NC40-13A	FIG-3	0.92	13	40	100	38	M8
NC4014	FIG-1	0.90	NC40-14A	FIG-3	0.89	14	40	100	38	M8
NC4015	FIG-1	0.89				15	40	100	38	M8
NC4016	FIG-1	0.87	NC40-16A	FIG-3	0.86	16	40	100	38	M8
NC4018	FIG-1	0.83	NC40-18A	FIG-3	0.82	18	40	100	38	M8
NC4020	FIG-2	0.71	NC40-20A	FIG-4	0.71	20	40	100	78	14
NC4022	FIG-2	0.69				22	40	100	78	14
NC4025	FIG-2	0.60	NC40-25A	FIG-4	0.60	25	40	100	78	14
NC4032	FIG-2	0.38				32	40	100	78	14

無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC5008	FIG-1	8	50	100	48	M8	1.58
NC5010	FIG-1	10	50	100	48	M8	1.56
NC5012	FIG-1	12	50	100	48	M8	1.53
NC5014	FIG-1	14	50	100	48	M8	1.51
NC5016	FIG-1	16	50	100	48	M8	1.47
NC5018	FIG-1	18	50	100	48	M8	1.43
NC5020	FIG-1	20	50	100	48	M8	1.39
NC5025	FIG-1	25	50	100	48	M8	1.26
NC5032	FIG-2	32	50	100	77	14	0.95
NC5040	FIG-2	40	50	100	77	14	0.71
NC6020	FIG-1	20	60	120	57	M8	2.44
NC6025	FIG-1	25	60	120	57	M8	2.28
NC6032	FIG-1	32	60	120	57	M8	1.98
NC6040	FIG-1	40	60	120	57	M8	1.55
NC6050	FIG-2	50	60	120	102	14	0.87

無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
NC25-MTA1	FIG-6	MTA1	25	75	24	--	0.28
NC25-MTA2	FIG-6	MTA2	25	75	24	--	0.23
NC25-MTA3	FIG-6	MTA3	25	90	24	--	0.21
NC32-MTA1	FIG-5	MTA1	32	85	30.8	--	30.53
NC32-MTA2	FIG-6	MTA2	32	85	30.8	--	0.45
NC32-MTA3	FIG-6	MTA3	32	100	30.8	--	0.45
NC40-MTA1	FIG-5	MTA1	40	87	39	--	0.82
NC40-MTA2	FIG-6	MTA2	40	87	37	--	0.75
NC40-MTA3	FIG-6	MTA3	40	87	37	--	0.64
NC40-MTA4	FIG-6	MTA4	40	116	39	--	0.72
NC50-MTA1	FIG-7	MTA1	50	120	48.5	--	1.76
NC50-MTA2	FIG-8	MTA2	50	120	48.5	--	1.83
NC50-MTA3	FIG-8	MTA3	50	120	48.5	--	1.66
NC50-MTA4	FIG-6	MTA4	50	120	48.5	--	1.39
NC50-MTA5	FIG-6	MTA5	50	146	48.5	--	0.94

FIG-5

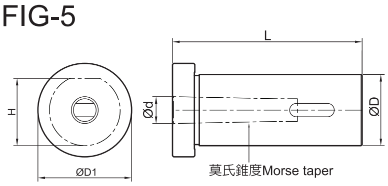


FIG-6

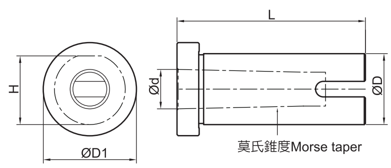


FIG-7

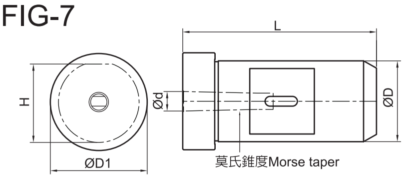
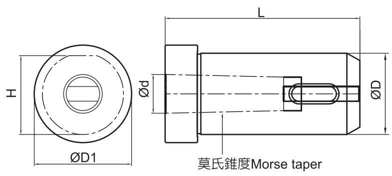


FIG-8



內徑車刀套筒
SLEEVES FOR BORING BARS

FIG-1

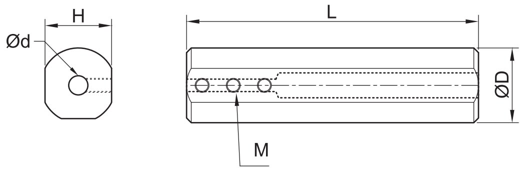


FIG-4

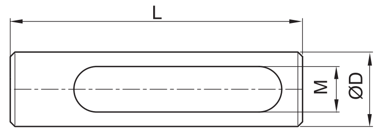


FIG-2

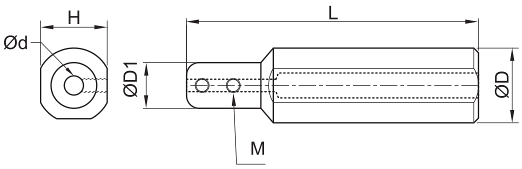


FIG-5

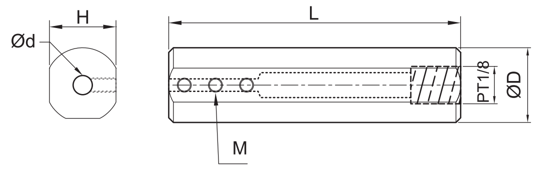


FIG-3

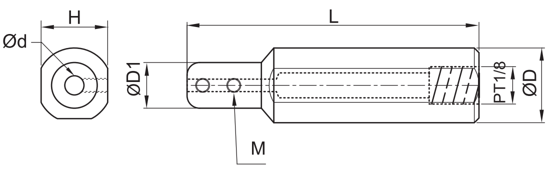
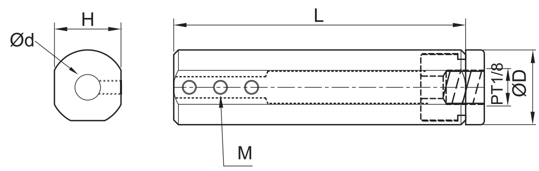


FIG-6



Metric

無水孔 Non-coolant	SHAPE	Dimensions,mm					Weight (kg)
		d	D	L	H	M	
SHB-1602	FIG-1	2	16	100	14	M4	0.13
SHB-1603	FIG-1	3	16	100	14	M4	0.12
SHB-1604	FIG-1	4	16	100	14	M4	0.12
SHB-1605	FIG-1	5	16	100	14	M4	0.12
SHB-1606	FIG-1	6	16	100	14	M5	0.11
SHB-1607	FIG-1	7	16	100	14	M5	0.11
SHB-1608	FIG-1	8	16	100	14	M5	0.10
SHB-1610	FIG-1	10	16	100	15	M4	0.09
SHB-2002A	FIG-2	2	20	100	18	M3	0.20
SHB-2003A	FIG-2	3	20	100	18	M4	0.19
SHB-2004A	FIG-2	4	20	100	18	M4	0.19
SHB-2005	FIG-1	5	20	100	18	M5	0.21
SHB-2006	FIG-1	6	20	100	18	M5	0.21
SHB-2007	FIG-1	7	20	100	18	M5	0.21
SHB-2008	FIG-1	8	20	100	18	M5	0.21
SHB-2010	FIG-1	10	20	100	18	M5	0.16
NEW **SHB-2012**	FIG-1	12	20	100	18	M5	0.14
SHB-2203A	FIG-2	3	22	100	20	M4	0.24
SHB-2204A	FIG-2	4	22	100	20	M4	0.24
SHB-2205	FIG-1	5	22	100	20	M5	0.27
SHB-2206	FIG-1	6	22	100	20	M5	0.26
SHB-2207	FIG-1	7	22	100	20	M5	0.25
SHB-2208	FIG-1	8	22	100	20	M5	0.24
SHB-2210	FIG-1	10	22	100	20	M5	0.22
SHB-2212	FIG-1	12	22	100	20	M5	0.20
SHB-2214	FIG-4	14	22	100	--	11	0.20
SHB-2216	FIG-4	16	22	100	--	11	0.13

Metric

水孔 Coolant	SHAPE	Dimensions,mm d	D	L	H	M	Weight (kg)
SHB-2203A PT02	FIG-3	3	22	110	20	M4	0.24
SHB-2204A PT02	FIG-3	4	22	110	20	M4	0.24
SHB-2205 PT02	FIG-5	5	22	110	20	M5	0.27
SHB-2206 PT02	FIG-5	6	22	110	20	M5	0.28
SHB-2207 PT02	FIG-5	7	22	110	20	M5	0.27
SHB-2208 PT02	FIG-6	8	22	110	20	M5	0.21
SHB-2210 PT02	FIG-6	10	22	110	20	M5	0.21
SHB-2212 PT02	FIG-6	12	22	110	20	M5	0.20

Metric

	無水孔 Non-coolant	SHAPE	Dimensions,mm d	D	L	H	M	Weight (kg)
NEW	SHB-2503	FIG-1	3	25	100	23	M4	0.37
NEW	SHB-2504	FIG-1	4	25	100	23	M4	0.36
NEW	SHB-2505	FIG-1	5	25	100	23	M5	0.35
NEW	SHB-2506	FIG-1	6	25	100	23	M5	0.35
NEW	SHB-2507	FIG-1	7	25	100	23	M5	0.34
NEW	SHB-2508	FIG-1	8	25	100	23	M5	0.33
NEW	SHB-2510	FIG-1	10	25	100	23	M5	0.31
NEW	SHB-2512	FIG-1	12	25	100	23	M5	0.28
NEW	SHB-2516	FIG-1	16	25	100	23	M5	0.22
NEW	SHB-2520	FIG-4	20	25	100	--	10	0.13

Inch

	無水孔 Non-coolant	SHAPE	Dimensions,mm d	D	L	H	M	Weight (kg)
NEW	SHBI-1905-04	FIG-1	4	19.05	100	17	M4	0.20
NEW	SHBI-1905-06	FIG-1	6	19.05	100	17	M4	0.19
NEW	SHBI-25.4-06	FIG-1	6	25.4	100	23	M5	0.37
NEW	SHBI-25.4-08	FIG-1	8	25.4	100	23	M5	0.34
NEW	SHBI-25.4-10	FIG-1	10	25.4	100	23	M5	0.33
NEW	SHBI-25.4-12	FIG-1	12	25.4	100	23	M6	0.29
NEW	SHBI-25.4-16	FIG-1	16	25.4	100	23	M6	0.24

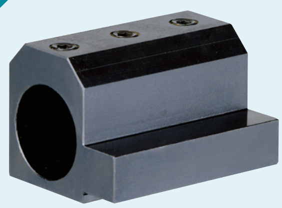
※目錄中規格和工具尺寸如有變更，依實際出貨為主，本公司保有異動權利。
Please note that products are continuously updated. Product changes subject to future amendments.
Please contac us regarding the tools not mentioned in the catalog.

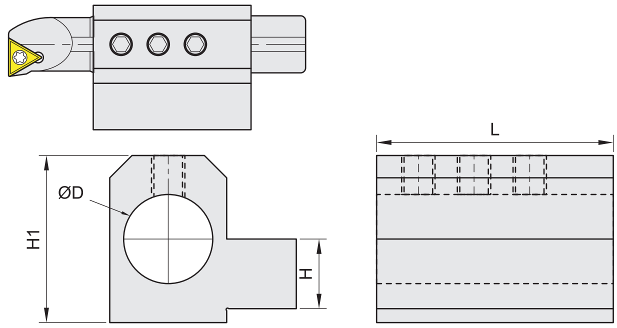
SHAN GIN

內徑車刀輔助刀座

LATHE QUICK CENTER BLOCK

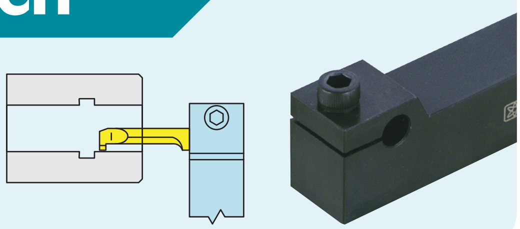
SBHA

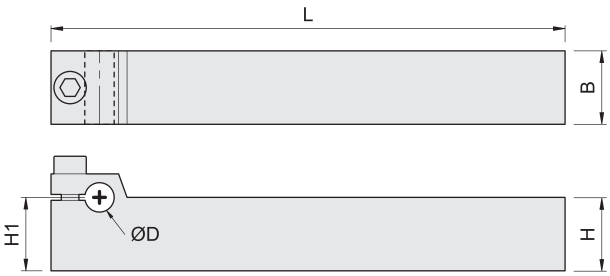




Item code	Dimensions,mm				Screw	Wrench	Weight (kg)
	H	D	H1	L			
SBHA 16-32	16	32	55	85	HM1216	PL60	1.43
SBHA 20-32	20	32	55	85			1.46
SBHA 20-40	20	40	60	90			1.67
SBHA 25-32	25	32	60	85			1.78
SBHA 25-40	25	40	65	90			2.08

CH





Item code	Dimensions,mm					Screw	Wrench	Weight (kg)
	D	H	B	L	H1			
CH-2020K-05	5	20	20	125	20	HTM625	PL50	0.46
CH-2020K-06	6							0.45
CH-2020K-08	8							0.45
CH-2020K-10	10							0.45
CH-2525M-05	5	25	25	150	25			0.84
CH-2525M-06	6							0.80
CH-2525M-08	8							0.80
CH-2525M-10	10							0.80
CH-2525M-12	12							0.80