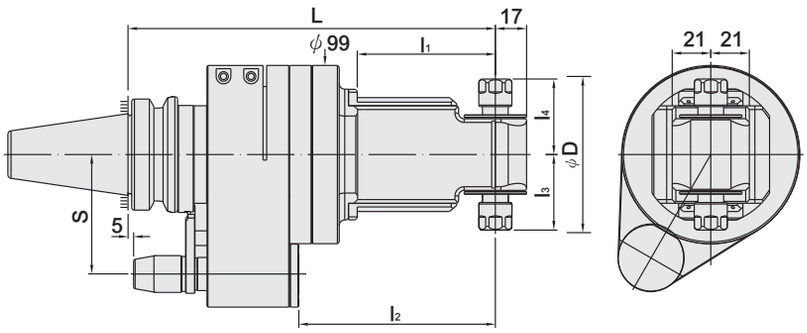
ANGLE HEAD HOLDER CATEGORY

SAG-D ANGLE HEAD HOLDER	S-2~5
SAU ANGLE HEAD HOLDER [UNIVERSAL TYPE]	S-6
SAR ANGLE HEAD HOLDER	S-7~11
SAC ANGLE HEAD HOLDER	S-12~19
SAM ANGLE HEAD HOLDER	S-20~29
SAG ANGLE HEAD HOLDER [SLIM TYPE]	S-30~34
SAD ANGLE HEAD HOLDER [SLIM TYPE]	S-35
CUTTING CONDITIONS	S-36
FIXED BLOCK	S-37~38

SAG-D ANGLE HEAD HOLDER

FOR DUAL SIDE MACHINING

BT / SAG-D 雙頭龍銑削頭 [用於雙面加工]



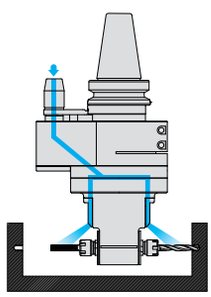
MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	ϕ D	S	TORQUE	COLLET	SIZE RANGE	WEIGHT (KGS)
5011-804-161-170	BT40 x SAG16DE - 170	170	38.5	77	59.3	59.3	125	65	25N-m	ER16	1~10	5.50
5011-804-161-200	BT40 x SAG16DE - 200	200	98	107	59.3	59.3	125	65	25N-m	ER16	1~10	6.20
5011-804-161-230	BT40 x SAG16DE - 230	230	128	137	59.3	59.3	125	65	25N-m	ER16	1~10	6.90
5011-804-161-260	BT40 x SAG16DE - 260	260	158	167	59.3	59.3	125	65	25N-m	ER16	1~10	7.60
5011-804-201-170	BT40 x SAG20DE - 170	170	38.5	77	60.5	60.5	125	65	25N-m	ER20	1~13	5.50
5011-804-201-200	BT40 x SAG20DE - 200	200	98	107	60.5	60.5	125	65	25N-m	ER20	1~13	6.20
5011-804-201-230	BT40 x SAG20DE - 230	230	128	137	60.5	60.5	125	65	25N-m	ER20	1~13	6.90
5011-804-201-260	BT40 x SAG20DE - 260	260	158	167	60.5	60.5	125	65	25N-m	ER20	1~13	7.60
5011-805-061-200	BT40 x SAG06DS - 200	200	75.2	107	42	42	85	65	10N-m	SKS6	3 ~ 6	5.30
5011-805-061-230	BT40 x SAG06DS - 230	230	105.2	137	42	42	85	65	10N-m	SKS6	3 ~ 6	5.50
5011-805-061-260	BT40 x SAG06DS - 260	260	135.2	167	42	42	85	65	10N-m	SKS6	3 ~ 6	5.70
5011-805-101-170	BT40 x SAG10DS - 170	170	38.5	77	53.85	53.85	108	65	25N-m	SKS10	3~10	5.50
5011-805-101-200	BT40 x SAG10DS - 200	200	98	107	53.85	53.85	108	65	25N-m	SKS10	3~10	6.20
5011-805-101-230	BT40 x SAG10DS - 230	230	128	137	53.85	53.85	108	65	25N-m	SKS10	3~10	6.90
5011-805-101-260	BT40 x SAG10DS - 260	260	158	167	53.85	53.85	108	65	25N-m	SKS10	3~10	7.60
5011-805-131-170	BT40 x SAG13DS - 170	170	38.5	77	61.5	61.5	128	65	25N-m	SKS13	3~13	5.50
5011-805-131-200	BT40 x SAG13DS - 200	200	98	107	61.5	61.5	128	65	25N-m	SKS13	3~13	6.20
5011-805-131-230	BT40 x SAG13DS - 230	230	128	137	61.5	61.5	128	65	25N-m	SKS13	3~13	6.90
5011-805-131-260	BT40 x SAG13DS - 260	260	158	167	61.5	61.5	128	65	25N-m	SKS13	3~13	7.60
5012-804-162-185	BT50 x SAG16DE - 185	185	38.5	77	59.3	59.3	125	80	25N-m	ER16	1~10	9.10
5012-804-162-215	BT50 x SAG16DE - 215	215	98	107	59.3	59.3	125	80	25N-m	ER16	1~10	9.50
5012-804-162-245	BT50 x SAG16DE - 245	245	128	137	59.3	59.3	125	80	25N-m	ER16	1~10	9.90
5012-804-162-275	BT50 x SAG16DE - 275	275	158	167	59.3	59.3	125	80	25N-m	ER16	1~10	10.3
5012-804-202-185	BT50 x SAG20DE - 185	185	38.5	77	60.5	60.5	125	80	25N-m	ER20	1~13	9.10
5012-804-202-215	BT50 x SAG20DE - 215	215	98	107	60.5	60.5	125	80	25N-m	ER20	1~13	9.50
5012-804-202-245	BT50 x SAG20DE - 245	245	128	137	60.5	60.5	125	80	25N-m	ER20	1~13	9.90
5012-804-202-275	BT50 x SAG20DE - 275	275	158	167	60.5	60.5	125	80	25N-m	ER20	1~13	10.3

Feature:

- SAG-D has two output tool shafts and can achieve machining at 180 degree opposite directions.
- Reduce tool changing frequency and increase machining efficiency.
- Save your money buying another angle head for different direction of lateral machining.
- Conserve the space of tool magazine.

Product information:

- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm² (100PSI).
- Two outputs rotate in different directions.
- Can be used for ATC.



Reminder:

- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

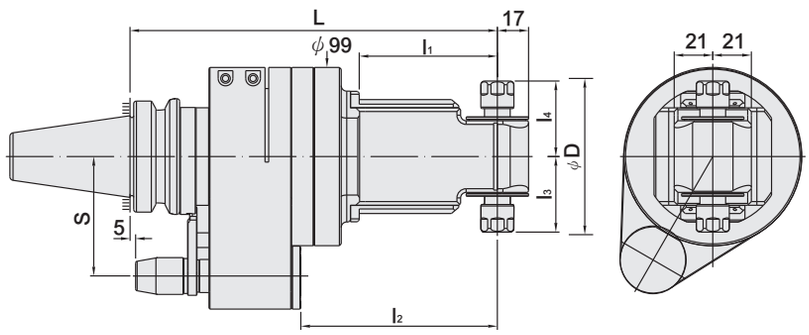
Optional Fixed Block

P.S-37~38

SAG-D ANGLE HEAD HOLDER

FOR DUAL SIDE MACHINING

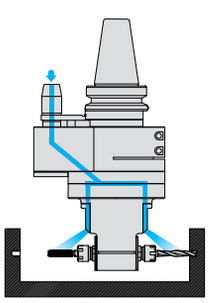
BT / SAG-D 雙頭龍銑削頭 [用於雙面加工]



MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	ϕ D	S	TORQUE	COLLET	SIZE RANGE	WEIGHT (KGS)
5012-804-162-185	BT50 x SAG16DE - 185	185	38.5	77	59.3	59.3	125	80	25N-m	ER16	1~10	9.10
5012-804-162-215	BT50 x SAG16DE - 215	215	98	107	59.3	59.3	125	80	25N-m	ER16	1~10	9.50
5012-804-162-245	BT50 x SAG16DE - 245	245	128	137	59.3	59.3	125	80	25N-m	ER16	1~10	9.90
5012-804-162-275	BT50 x SAG16DE - 275	275	158	167	59.3	59.3	125	80	25N-m	ER16	1~10	10.3
5012-804-202-185	BT50 x SAG20DE - 185	185	38.5	77	60.5	60.5	125	80	25N-m	ER20	1~13	9.10
5012-804-202-215	BT50 x SAG20DE - 215	215	98	107	60.5	60.5	125	80	25N-m	ER20	1~13	9.50
5012-804-202-245	BT50 x SAG20DE - 245	245	128	137	60.5	60.5	125	80	25N-m	ER20	1~13	9.90
5012-804-202-275	BT50 x SAG20DE - 275	275	158	167	60.5	60.5	125	80	25N-m	ER20	1~13	10.3
5012-805-102-185	BT50 x SAG10DS - 185	185	38.5	77	53.85	53.85	108	80	25N-m	SKS10	3~10	9.10
5012-805-102-215	BT50 x SAG10DS - 215	215	98	107	53.85	53.85	108	80	25N-m	SKS10	3~10	9.50
5012-805-102-245	BT50 x SAG10DS - 245	245	128	137	53.85	53.85	108	80	25N-m	SKS10	3~10	9.90
5012-805-102-275	BT50 x SAG10DS - 275	275	158	167	53.85	53.85	108	80	25N-m	SKS10	3~10	10.3
5012-805-132-185	BT50 x SAG13DS - 185	185	38.5	77	61.5	61.5	128	80	25N-m	SKS13	3~13	9.10
5012-805-132-215	BT50 x SAG13DS - 215	215	98	107	61.5	61.5	128	80	25N-m	SKS13	3~13	9.50
5012-805-132-245	BT50 x SAG13DS - 245	245	128	137	61.5	61.5	128	80	25N-m	SKS13	3~13	9.90
5012-805-132-275	BT50 x SAG13DS - 275	275	158	167	61.5	61.5	128	80	25N-m	SKS13	3~13	10.3

Feature:
- SAG-D has two output tool shafts and can achieve machining at 180 degree opposite directions.
- Reduce tool changing frequency and increase machining efficiency.
- Save your money buying another angle head for different direction of lateral machining.
- Conserve the space of tool magazine.

Product information:
- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm² (100PSI).
- Two outputs rotate in different directions.
- Can be used for ATC.



Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

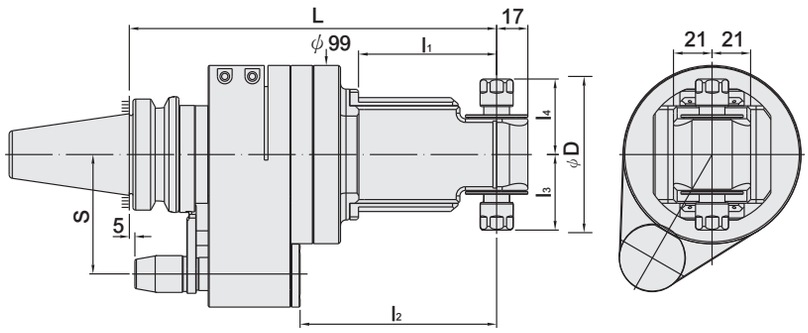
Optional Fixed Block

P.S-37~38

SAG-D ANGLE HEAD HOLDER

FOR DUAL SIDE MACHINING

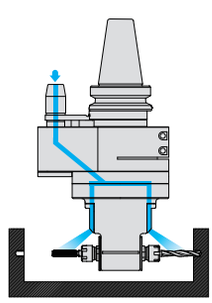
SBT / SAG-D 雙頭龍銑削頭 [用於雙面加工]



MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	ϕ D	S	TORQUE	COLLET	SIZE RANGE	WEIGHT (KGS)
5026-804-111-170	SBT40 x SAG11DE - 170	170	45.2	77	39.2	39.2	80	65	10N-m	ER11	3 ~ 7	5.10
5026-804-111-200	SBT40 x SAG11DE - 200	200	75.2	107	39.2	39.2	80	65	10N-m	ER11	3 ~ 7	5.30
5026-804-111-230	SBT40 x SAG11DE - 230	230	105.2	137	39.2	39.2	80	65	10N-m	ER11	3 ~ 7	5.50
5026-804-111-260	SBT40 x SAG11DE - 260	260	135.2	167	39.2	39.2	80	65	10N-m	ER11	3 ~ 7	5.70
5026-804-161-170	SBT40 x SAG16DE - 170	170	38.5	77	59.3	59.3	125	65	25N-m	ER16	1~10	5.50
5026-804-161-200	SBT40 x SAG16DE - 200	200	98	107	59.3	59.3	125	65	25N-m	ER16	1~10	6.20
5026-804-161-230	SBT40 x SAG16DE - 230	230	128	137	59.3	59.3	125	65	25N-m	ER16	1~10	6.90
5026-804-161-260	SBT40 x SAG16DE - 260	260	158	167	59.3	59.3	125	65	25N-m	ER16	1~10	7.60
5026-804-201-170	SBT40 x SAG20DE - 170	170	38.5	77	60.5	60.5	125	65	25N-m	ER20	1~13	5.50
5026-804-201-200	SBT40 x SAG20DE - 200	200	98	107	60.5	60.5	125	65	25N-m	ER20	1~13	6.20
5026-804-201-230	SBT40 x SAG20DE - 230	230	128	137	60.5	60.5	125	65	25N-m	ER20	1~13	6.90
5026-804-201-260	SBT40 x SAG20DE - 260	260	158	167	60.5	60.5	125	65	25N-m	ER20	1~13	7.60
5026-805-061-170	SBT40 x SAG06DS - 170	170	45.2	77	42	42	85	65	10N-m	SKS6	3 ~ 6	5.10
5026-805-061-200	SBT40 x SAG06DS - 200	200	75.2	107	42	42	85	65	10N-m	SKS6	3 ~ 6	5.30
5026-805-061-230	SBT40 x SAG06DS - 230	230	105.2	137	42	42	85	65	10N-m	SKS6	3 ~ 6	5.50
5026-805-061-260	SBT40 x SAG06DS - 260	260	135.2	167	42	42	85	65	10N-m	SKS6	3 ~ 6	5.70
5026-805-101-170	SBT40 x SAG10DS - 170	170	38.5	77	53.85	53.85	108	65	25N-m	SKS10	3~10	5.50
5026-805-101-200	SBT40 x SAG10DS - 200	200	98	107	53.85	53.85	108	65	25N-m	SKS10	3~10	6.20
5026-805-101-230	SBT40 x SAG10DS - 230	230	128	137	53.85	53.85	108	65	25N-m	SKS10	3~10	6.90
5026-805-101-260	SBT40 x SAG10DS - 260	260	158	167	53.85	53.85	108	65	25N-m	SKS10	3~10	7.60
5026-805-131-170	SBT40 x SAG13DS - 170	170	38.5	77	61.5	61.5	128	65	25N-m	SKS13	3~13	5.50
5026-805-131-200	SBT40 x SAG13DS - 200	200	98	107	61.5	61.5	128	65	25N-m	SKS13	3~13	6.20
5026-805-131-230	SBT40 x SAG13DS - 230	230	128	137	61.5	61.5	128	65	25N-m	SKS13	3~13	6.90
5026-805-131-260	SBT40 x SAG13DS - 260	260	158	167	61.5	61.5	128	65	25N-m	SKS13	3~13	7.60

Feature:
- SAG-D has two output tool shafts and can achieve machining at 180 degree opposite directions.
- Reduce tool changing frequency and increase machining efficiency.
- Save your money buying another angle head for different direction of lateral machining.
- Conserve the space of tool magazine.

Product information:
- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm² (100PSI).
- Two outputs rotate in different directions.
- Can be used for ATC.



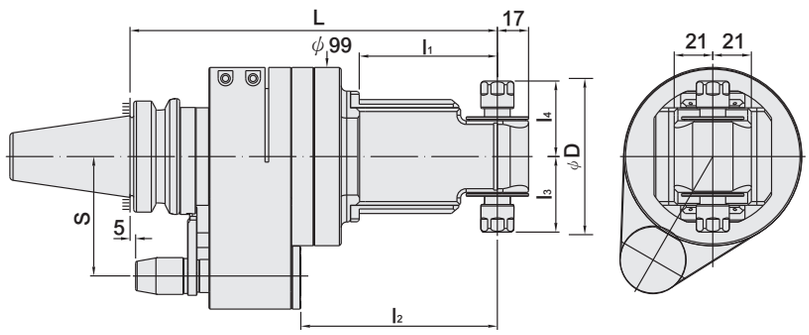
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

SAG-D ANGLE HEAD HOLDER
FOR DUAL SIDE MACHINING

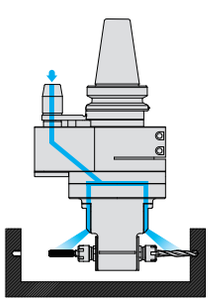
SBT / AG-D 雙頭龍銑削頭 [用於雙面加工]



MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	ϕ D	S	TORQUE	COLLET	SIZE RANGE	WEIGHT (KGS)
5027-804-162-185	SBT50 x SAG16DE -185	185	38.5	77	59.3	59.3	125	80	25N-m	ER16	1~10	9.10
5027-804-162-215	SBT50 x SAG16DE - 215	215	98	107	59.3	59.3	125	80	25N-m	ER16	1~10	9.50
5027-804-162-245	SBT50 x SAG16DE - 245	245	128	137	59.3	59.3	125	80	25N-m	ER16	1~10	9.90
5027-804-162-275	SBT50 x SAG16DE - 275	275	158	167	59.3	59.3	125	80	25N-m	ER16	1~10	10.3
5027-804-202-185	SBT50 x SAG20DE - 185	185	38.5	77	60.5	60.5	125	80	25N-m	ER20	1~13	9.10
5027-804-202-215	SBT50 x SAG20DE - 215	215	98	107	60.5	60.5	125	80	25N-m	ER20	1~13	9.50
5027-804-202-245	SBT50 x SAG20DE - 245	245	128	137	60.5	60.5	125	80	25N-m	ER20	1~13	9.90
5027-804-202-275	SBT50 x SAG20DE - 275	275	158	167	60.5	60.5	125	80	25N-m	ER20	1~13	10.3
5027-805-102-185	SBT50 x SAG10DS - 185	185	38.5	77	53.85	53.85	108	80	25N-m	SKS10	3~10	9.10
5027-805-102-215	SBT50 x SAG10DS - 215	215	98	107	53.85	53.85	108	80	25N-m	SKS10	3~10	9.50
5027-805-102-245	SBT50 x SAG10DS - 245	245	128	137	53.85	53.85	108	80	25N-m	SKS10	3~10	9.90
5027-805-102-275	SBT50 x SAG10DS - 275	275	158	167	53.85	53.85	108	80	25N-m	SKS10	3~10	10.3
5027-805-132-185	SBT50 x SAG13DS - 185	185	38.5	77	61.5	61.5	128	80	25N-m	SKS13	3~13	9.10
5027-805-132-215	SBT50 x SAG13DS - 215	215	98	107	61.5	61.5	128	80	25N-m	SKS13	3~13	9.50
5027-805-132-245	SBT50 x SAG13DS - 245	245	128	137	61.5	61.5	128	80	25N-m	SKS13	3~13	9.90
5027-805-132-275	SBT50 x SAG13DS - 275	275	158	167	61.5	61.5	128	80	25N-m	SKS13	3~13	10.3

Feature:
- SAG-D has two output tool shafts and can achieve machining at 180 degree opposite directions.
- Reduce tool changing frequency and increase machining efficiency.
- Save your money buying another angle head for different direction of lateral machining.
- Conserve the space of tool magazine.

Product information:
- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm² (100PSI).
- Two outputs rotate in different directions.
- Can be used for ATC.



Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

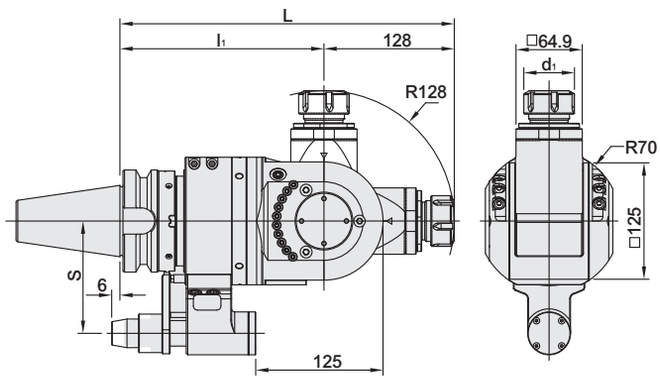
Optional Fixed Block

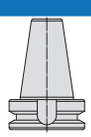
P.S-37~38

SAU ANGLE HEAD HOLDER

UNIVERSAL TYPE FOR MEDIUM CUTTING

SAU 萬向銑削頭



SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	SIZE RANGE	WEIGHT (KGS)
 MAS 403	5012-789-323-328	BT50 x SAU32E - 328	328	200	110	40 N-m	ER32	3 ~ 20	20.9
INCHES									
ANSI B5.50	5032-789-323-333	CAT50 x SAU32E - 13.1''	13.1	7.87	4.33	40 N-m	ER32	3 ~ 20	21.5

Reminder:

- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

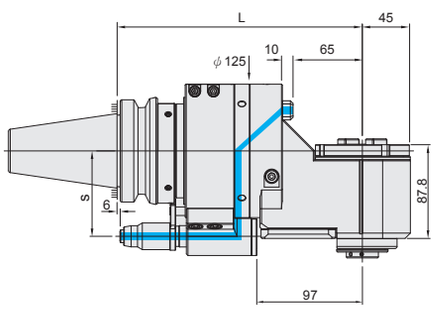
P.S-37~38

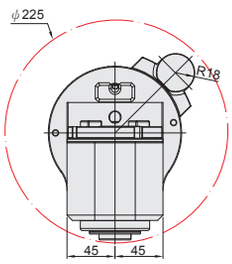
SAR ANGLE HEAD HOLDER
FOR HEAVY-DUTY CUTTING

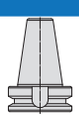
SAR 大鋼炮銑削頭 (SBT TYPE)

台灣精品 2012
TAIWAN EXCELLENCE

TW PAT NO. M420384
CN PAT NO. ZL201120430504.9





SHANK	MODEL NO.	TYPE	L	S	TORQUE	WEIGHT (KGS)
 MAS 403	5012-643-302-230	BT50 x SAR50 / SBT30 - 230	230	80	50 N-m	16.1
	5012-643-303-230	BT50 x SAR50 / SBT30 - 230S	230	110	50 N-m	16.1
DaulDRIVE+	5027-643-302-230	SBT50 x SAR50 / SBT30 - 230	230	80	50 N-m	16.1
	5027-643-303-230	SBT50 x SAR50 / SBT30 - 230S	230	110	50 N-m	16.1
ANSI B5.50	5032-643-302-230	CAT50 x SAR50 / SBT30 - 230	234.95	80	50 N-m	16.1
	5032-643-303-230	CAT50 x SAR50 / SBT30 - 230S	234.95	110	50 N-m	16.1
DaulDRIVE+	5044-643-302-230	SCAT50 x SAR50 / SBT30 - 230	234.95	80	50 N-m	16.1
	5044-643-303-230	SCAT50 x SAR50 / SBT30 - 230S	234.95	110	50 N-m	16.1
DIN 69871-A	5052-643-302-230	DAT50 x SAR50 / SBT30 - 230	235	80	50 N-m	16.1
	5052-643-303-230	DAT50 x SAR50 / SBT30 - 230S	235	110	50 N-m	16.1
DaulDRIVE+	5067-643-302-230	SDAT50 x SAR50 / SBT30 - 230	235	80	50 N-m	16.1
	5067-643-303-230	SDAT50 x SAR50 / SBT30 - 230S	235	110	50 N-m	16.1

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 4mm.
- Coolant feed through dowel pin, coolant outlet from a coolant nozzle.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction same as machine spindle.
- Can be used for ATC.

Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

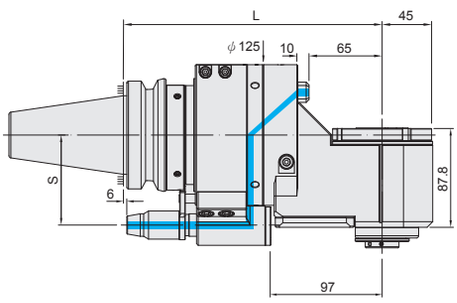
Optional Fixed Block

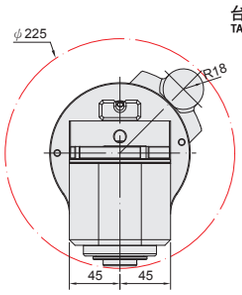
P.S-37~38

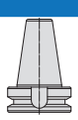
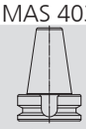
SAR ANGLE HEAD HOLDER
FOR HEAVY-DUTY CUTTING

SAR 大鋼炮銑削頭 (PSC TYPE)

台灣精品 2012 TAIWAN EXCELLENCE





SHANK	MODEL NO.	TYPE	L	S	TORQUE	WEIGHT (KGS)
 MAS 403	5012-646-502-230	BT50 x SAR50 / PSC50 - 230	230	80	50 N-m	16.1
	5012-646-503-230	BT50 x SAR50 / PSC50 - 230S	230	110	50 N-m	16.1
 DaulDRIVE+	5027-646-502-230	SBT50 x SAR50 / PSC50 - 230	230	80	50 N-m	16.1
	5027-646-503-230	SBT50 x SAR50 / PSC50 - 230S	230	110	50 N-m	16.1
ANSI B5.50	5032-646-502-230	CAT50 x SAR50 / PSC50 - 230	234.95	80	50 N-m	16.1
	5032-646-503-230	CAT50 x SAR50 / PSC50 - 230S	234.95	110	50 N-m	16.1
DaulDRIVE+	5044-646-502-230	SCAT50 x SAR50 / PSC50 - 230	234.95	80	50 N-m	16.1
	5044-646-503-230	SCAT50 x SAR50 / PSC50 - 230S	234.95	110	50 N-m	16.1
DIN 69871-A	5052-646-502-230	DAT50 x SAR50 / PSC50 - 230	235	80	50 N-m	16.1
	5052-646-503-230	DAT50 x SAR50 / PSC50 - 230S	235	110	50 N-m	16.1
DaulDRIVE+	5067-646-502-230	SDAT50 x SAR50 / PSC50 - 230	235	80	50 N-m	16.1
	5067-646-503-230	SDAT50 x SAR50 / PSC50 - 230S	235	110	50 N-m	16.1

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 4mm.
- Coolant feed through dowel pin, coolant outlet from a coolant nozzle.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction same as machine spindle.
- Can be used for ATC.

Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

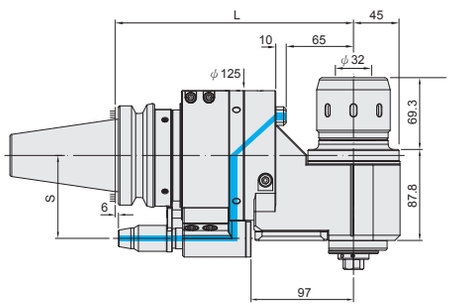
Optional Fixed Block

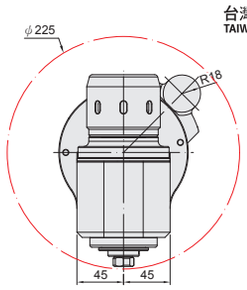
P.S-37~38

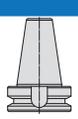
SAR ANGLE HEAD HOLDER
FOR HEAVY-DUTY CUTTING

SAR 大鋼炮銑削頭 (MLD TYPE)

台灣精品2012 TAIWAN EXCELLENCE





SHANK	MODEL NO.	TYPE	L	S	TORQUE	WEIGHT (KGS)
 MAS 403	5012-645-322-230	BT50 x SAR50 / MLD32 - 230	230	80	50 N-m	16.1
	5012-645-323-230	BT50 x SAR50 / MLD32 - 230S	230	110	50 N-m	16.1
DaulDRIVE+	5027-645-322-230	SBT50 x SAR50 / MLD32 - 230	230	80	50 N-m	16.1
	5027-645-323-230	SBT50 x SAR50 / MLD32 - 230S	230	110	50 N-m	16.1
ANSI B5.50	5032-645-322-230	CAT50 x SAR50 / MLD32 - 230	234.95	80	50 N-m	16.1
	5032-645-323-230	CAT50 x SAR50 / MLD32 - 230S	234.95	110	50 N-m	16.1
DaulDRIVE+	5044-645-322-230	SCAT50 x SAR50 / MLD32 - 230	234.95	80	50 N-m	16.1
	5044-645-323-230	SCAT50 x SAR50 / MLD32 - 230S	234.95	110	50 N-m	16.1
DIN 69871-A	5052-645-322-230	DAT50 x SAR50 / MLD32 - 230	235	80	50 N-m	16.1
	5052-645-323-230	DAT50 x SAR50 / MLD32 - 230S	235	110	50 N-m	16.1
DaulDRIVE+	5067-645-322-230	SDAT50 x SAR50 / MLD32 - 230	235	80	50 N-m	16.1
	5067-645-323-230	SDAT50 x SAR50 / MLD32 - 230S	235	110	50 N-m	16.1

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 4mm.
- Coolant feed through dowel pin, coolant outlet from a coolant nozzle.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction same as machine spindle.
- Can be used for ATC.

Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

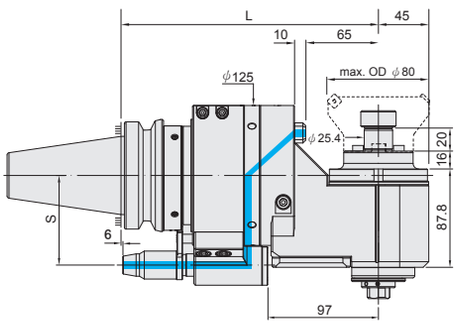
Optional Fixed Block

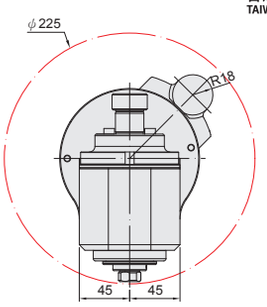
P.S-37~38

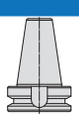
SAR ANGLE HEAD HOLDER
FOR HEAVY-DUTY CUTTING

SAR 大鋼炮銑削頭 (FMA TYPE)

台灣精品 2012 TAIWAN EXCELLENCE





SHANK	MODEL NO.	TYPE	L	S	TORQUE	WEIGHT (KGS)
 MAS 403	5012-644-A642-906	BT50 x SAR50 / FMA25.4 - 230	230	80	50 N-m	16.1
	5012-644-A643-906	BT50 x SAR50 / FMA25.4 - 230S	230	110	50 N-m	16.1
DaulDRIVE+	5027-644-A642-906	SBT50 x SAR50 / FMA25.4 - 230	230	80	50 N-m	16.1
	5027-644-A643-906	SBT50 x SAR50 / FMA25.4 - 230S	230	110	50 N-m	16.1
ANSI B5.50	5032-644-A642-906	CAT50 x SAR50 / FMA25.4 - 230	234.95	80	50 N-m	16.1
	5032-644-A643-906	CAT50 x SAR50 / FMA25.4 - 230S	234.95	110	50 N-m	16.1
DaulDRIVE+	5044-644-A642-906	SCAT50 x SAR50 / FMA25.4 - 230	234.95	80	50 N-m	16.1
	5044-644-A643-906	SCAT50 x SAR50 / FMA25.4 - 230S	234.95	110	50 N-m	16.1
DIN 69871-A	5052-644-A642-906	DAT50 x SAR50 / FMA25.4 - 230	235	80	50 N-m	16.1
	5052-644-A643-906	DAT50 x SAR50 / FMA25.4 - 230S	235	110	50 N-m	16.1
DaulDRIVE+	5067-644-A642-906	SDAT50 x SAR50 / FMA25.4 - 230	235	80	50 N-m	16.1
	5067-644-A643-906	SDAT50 x SAR50 / FMA25.4 - 230S	235	110	50 N-m	16.1

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 4mm.
- Coolant feed through dowel pin, coolant outlet from a coolant nozzle.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction same as machine spindle.
- Can be used for ATC.

Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

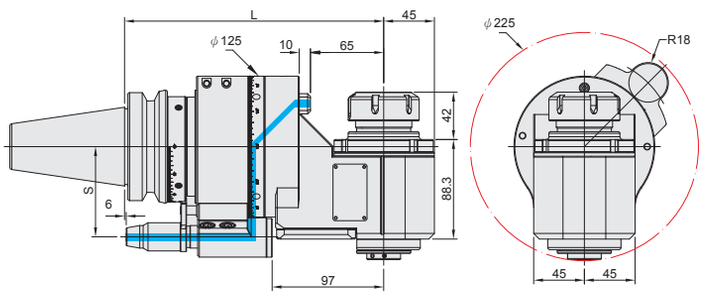
Optional Fixed Block

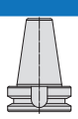
P.S-37~38

SAR ANGLE HEAD HOLDER
FOR HEAVY-DUTY CUTTING

SAR 大鋼炮銑削頭 (ER TYPE)

台灣精品 2012 TAIWAN EXCELLENCE



SHANK	MODEL NO.	TYPE	L	S	TORQUE	WEIGHT (KGS)
 MAS 403	5012-120-402-230	BT50 x SAR50 / ER40 - 230	230	80	50 N-m	16.4
	5012-120-403-230	BT50 x SAR50 / ER40 - 230S	230	110	50 N-m	16.4
DaulDRIVE+	5027-120-402-230	SBT50 x SAR50 / ER40 - 230	230	80	50 N-m	16.4
	5027-120-403-230	SBT50 x SAR50 / ER40 - 230S	230	110	50 N-m	16.4
ANSI B5.50	5032-120-402-230	CAT50 x SAR50 / ER40 - 230	230	80	50 N-m	16.4
	5032-120-403-230	CAT50 x SAR50 / ER40 - 230S	230	110	50 N-m	16.4
DaulDRIVE+	5044-120-402-230	SCAT50 x SAR50 / ER40 - 230	230	80	50 N-m	16.4
	5044-120-403-230	SCAT50 x SAR50 / ER40 - 230S	230	110	50 N-m	16.4
DIN 69871-A	5052-120-402-230	DAT50 x SAR50 / ER40 - 230	230	80	50 N-m	16.4
	5052-120-403-230	DAT50 x SAR50 / ER40 - 230S	230	110	50 N-m	16.4
DaulDRIVE+	5067-120-402-230	SDAT50 x SAR50 / ER40 - 230	230	80	50 N-m	16.4
	5067-120-403-230	SDAT50 x SAR50 / ER40 - 230S	230	110	50 N-m	16.4

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 4mm.
- Coolant feed through dowel pin, coolant outlet from a coolant nozzle.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction same as machine spindle.
- Can be used for ATC.

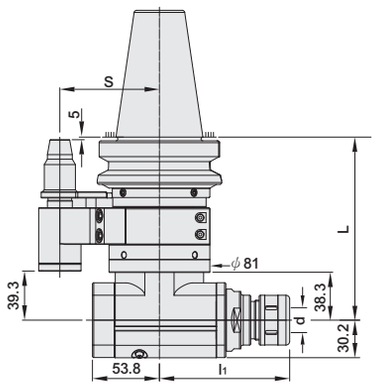
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

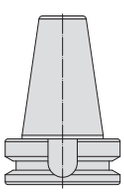
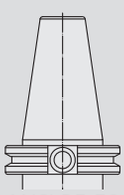
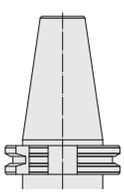
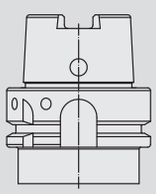
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (SKS TYPE)



SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 MAS 403	5011-639-101-130	BT40 x SAC10S - 130	130	88	65	25 N-m	SKS10	3 ~ 10	6.40
	5011-639-131-130	BT40 x SAC13S - 130	130	89.6	65	25 N-m	SKS13	3 ~ 13	6.40
	5011-639-161-130	BT40 x SAC16S - 130	130	102.3	65	25 N-m	SKS16	3 ~ 16	6.40
	5011-639-201-130	BT40 x SAC20S - 130	130	110.3	65	25 N-m	SKS20	3 ~ 20	6.40
	5012-639-102-147	BT50 x SAC10S - 147	147	88	80	25 N-m	SKS10	3 ~ 10	8.40
	5012-639-132-147	BT50 x SAC13S - 147	147	89.6	80	25 N-m	SKS13	3 ~ 13	8.40
	5012-639-162-147	BT50 x SAC16S - 147	147	102.3	80	25 N-m	SKS16	3 ~ 16	8.40
	5012-639-202-147	BT50 x SAC20S - 147	147	110.3	80	25 N-m	SKS20	3 ~ 20	8.40
 ANSI B5.50	5031-639-101-150	CAT40 x SAC10S - 150	150	88	65	25 N-m	SKS10	3 ~ 10	6.40
	5031-639-131-150	CAT40 x SAC13S - 150	150	89.6	65	25 N-m	SKS13	3 ~ 13	6.40
	5031-639-161-150	CAT40 x SAC16S - 150	150	102.3	65	25 N-m	SKS16	3 ~ 16	6.40
	5031-639-201-150	CAT40 x SAC20S - 150	150	110.3	65	25 N-m	SKS20	3 ~ 20	6.40
	5032-639-102-150	CAT50 x SAC10S - 150	150	88	80	25 N-m	SKS10	3 ~ 10	8.40
	5032-639-132-150	CAT50 x SAC13S - 150	150	89.6	80	25 N-m	SKS13	3 ~ 13	8.40
	5032-639-162-150	CAT50 x SAC16S - 150	150	102.3	80	25 N-m	SKS16	3 ~ 16	8.40
	5032-639-202-150	CAT50 x SAC20S - 150	150	110.3	80	25 N-m	SKS20	3 ~ 20	8.40
 DIN 69871-A	5051-639-101-146	DAT40 x SAC10S - 146	146	88	65	25 N-m	SKS10	3 ~ 10	6.40
	5051-639-131-146	DAT40 x SAC13S - 146	146	89.6	65	25 N-m	SKS13	3 ~ 13	6.40
	5051-639-161-146	DAT40 x SAC16S - 146	146	102.3	65	25 N-m	SKS16	3 ~ 16	6.40
	5051-639-201-146	DAT40 x SAC20S - 146	146	110.3	65	25 N-m	SKS20	3 ~ 20	6.40
	5052-639-102-150	DAT50 x SAC10S - 150	150	88	80	25 N-m	SKS10	3 ~ 10	8.40
	5052-639-132-150	DAT50 x SAC13S - 150	150	89.6	80	25 N-m	SKS13	3 ~ 13	8.40
	5052-639-162-150	DAT50 x SAC16S - 150	150	102.3	80	25 N-m	SKS16	3 ~ 16	8.40
	5052-639-202-150	DAT50 x SAC20S - 150	150	110.3	80	25 N-m	SKS20	3 ~ 20	8.40
 DIN 69893 A	5073-639-101-155	HSK63A x SAC10S - 155	155	88	65	25 N-m	SKS10	3 ~ 10	6.40
	5073-639-131-155	HSK63A x SAC13S - 155	155	89.6	65	25 N-m	SKS13	3 ~ 13	6.40
	5073-639-161-155	HSK63A x SAC16S - 155	155	102.3	65	25 N-m	SKS16	3 ~ 16	6.40
	5073-639-201-155	HSK63A x SAC20S - 155	155	110.3	65	25 N-m	SKS20	3 ~ 20	6.40
	5075-639-102-151	HSK100A x SAC10S - 151	151	88	80	25 N-m	SKS10	3 ~ 10	8.40
	5075-639-132-151	HSK100A x SAC13S - 151	151	89.6	80	25 N-m	SKS13	3 ~ 13	8.40
	5075-639-162-151	HSK100A x SAC16S - 151	151	102.3	80	25 N-m	SKS16	3 ~ 16	8.40
	5075-639-202-151	HSK100A x SAC20S - 151	151	110.3	80	25 N-m	SKS20	3 ~ 20	8.40

Product information:

- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

Reminder:

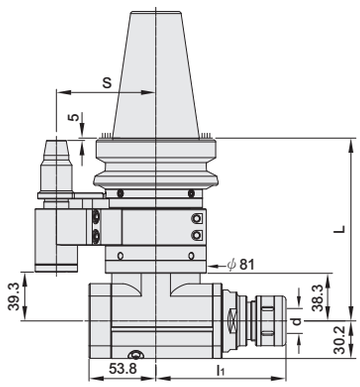
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

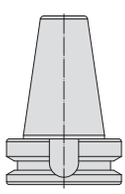
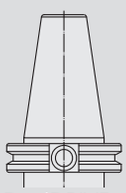
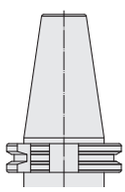
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (SKS TYPE)



SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 DualDRIVE+	5026-639-101-130	SBT40 x SAC10S - 130	130	89.6	65	25 N-m	SKS10	3 ~ 10	6.40
	5026-639-131-130	SBT40 x SAC13S - 130	130	91	65	25 N-m	SKS13	3 ~ 13	6.40
	5026-639-161-130	SBT40 x SAC16S - 130	130	92	65	25 N-m	SKS16	3 ~ 16	6.40
	5026-639-201-130	SBT40 x SAC20S - 130	130	96	65	25 N-m	SKS20	3 ~ 20	6.40
	5027-639-102-147	SBT50 x SAC10S - 147	147	89.6	80	25 N-m	SKS10	3 ~ 10	8.40
	5027-639-132-147	SBT50 x SAC13S - 147	147	91	80	25 N-m	SKS13	3 ~ 13	8.40
	5027-639-162-147	SBT50 x SAC16S - 147	147	92	80	25 N-m	SKS16	3 ~ 16	8.40
	5027-639-202-147	SBT50 x SAC20S - 147	147	96	80	25 N-m	SKS20	3 ~ 20	8.40
 DualDRIVE+	5043-639-101-150	SCAT40 x SAC10S - 150	150	88	65	25 N-m	SKS10	3 ~ 10	6.40
	5043-639-131-150	SCAT40 x SAC13S - 150	150	89.6	65	25 N-m	SKS13	3 ~ 13	6.40
	5043-639-161-150	SCAT40 x SAC16S - 150	150	102.3	65	25 N-m	SKS16	3 ~ 16	6.40
	5043-639-201-150	SCAT40 x SAC20S - 150	150	110.3	65	25 N-m	SKS20	3 ~ 20	6.40
	5044-639-102-150	SCAT50 x SAC10S - 150	150	88	80	25 N-m	SKS10	3 ~ 10	8.40
	5044-639-132-150	SCAT50 x SAC13S - 150	150	89.6	80	25 N-m	SKS13	3 ~ 13	8.40
	5044-639-162-150	SCAT50 x SAC16S - 150	150	102.3	80	25 N-m	SKS16	3 ~ 16	8.40
	5044-639-202-150	SCAT50 x SAC20S - 150	150	110.3	80	25 N-m	SKS20	3 ~ 20	8.40
 DualDRIVE+	5066-639-101-146	SDAT40 x SAC10S - 146	146	88	65	25 N-m	SKS10	3 ~ 10	6.40
	5066-639-131-146	SDAT40 x SAC13S - 146	146	89.6	65	25 N-m	SKS13	3 ~ 13	6.40
	5066-639-161-146	SDAT40 x SAC16S - 146	146	102.3	65	25 N-m	SKS16	3 ~ 16	6.40
	5066-639-201-146	SDAT40 x SAC20S - 146	146	110.3	65	25 N-m	SKS20	3 ~ 20	6.40
	5067-639-102-150	SDAT50 x SAC10S - 150	150	88	80	25 N-m	SKS10	3 ~ 10	8.40
	5067-639-132-150	SDAT50 x SAC13S - 150	150	89.6	80	25 N-m	SKS13	3 ~ 13	8.40
	5067-639-162-150	SDAT50 x SAC16S - 150	150	102.3	80	25 N-m	SKS16	3 ~ 16	8.40
	5067-639-202-150	SDAT50 x SAC20S - 150	150	110.3	80	25 N-m	SKS20	3 ~ 20	8.40

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

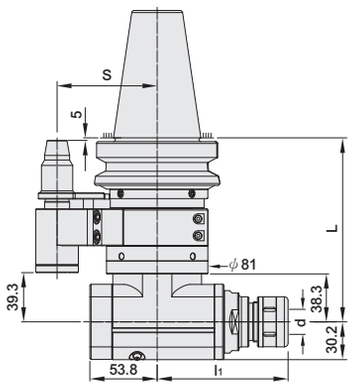
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

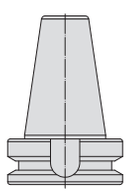
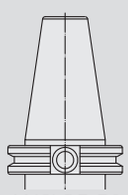
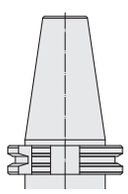
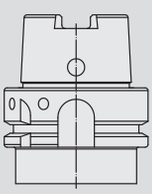
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (ER TYPE)



SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 MAS 403	5011-640-161-130	BT40 x SAC16E - 130	130	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5011-640-201-130	BT40 x SAC20E - 130	130	91	65	25 N-m	ER20	3 ~ 13	6.40
	5011-640-251-130	BT40 x SAC25E - 130	130	92	65	25 N-m	ER25	3 ~ 16	6.40
	5011-640-321-130	BT40 x SAC32E - 130	130	96	65	25 N-m	ER32	3 ~ 20	6.44
	5012-640-162-147	BT50 x SAC16E - 147	147	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5012-640-202-147	BT50 x SAC20E - 147	147	91	80	25 N-m	ER20	3 ~ 13	8.40
	5012-640-252-147	BT50 x SAC25E - 147	147	92	80	25 N-m	ER25	3 ~ 16	8.40
	5012-640-322-147	BT50 x SAC32E - 147	147	96	80	25 N-m	ER32	3 ~ 20	8.44
 ANSI B5.50	5031-640-161-150	CAT40 x SAC16E - 150	150	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5031-640-201-150	CAT40 x SAC20E - 150	150	91	65	25 N-m	ER20	3 ~ 13	6.40
	5031-640-251-150	CAT40 x SAC25E - 150	150	92	65	25 N-m	ER25	3 ~ 16	6.40
	5031-640-321-150	CAT40 x SAC32E - 150	150	96	65	25 N-m	ER32	3 ~ 20	6.40
	5032-640-162-150	CAT50 x SAC16E - 150	150	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5032-640-202-150	CAT50 x SAC20E - 150	150	91	80	25 N-m	ER20	3 ~ 13	8.40
	5032-640-252-150	CAT50 x SAC25E - 150	150	92	80	25 N-m	ER25	3 ~ 16	8.40
	5032-640-322-150	CAT50 x SAC32E - 150	150	96	80	25 N-m	ER32	3 ~ 20	8.44
 DIN 69871-A	5051-640-161-146	DAT40 x SAC16E - 146	146	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5051-640-201-146	DAT40 x SAC20E - 146	146	91	65	25 N-m	ER20	3 ~ 13	6.40
	5051-640-251-146	DAT40 x SAC25E - 146	146	92	65	25 N-m	ER25	3 ~ 16	6.40
	5051-640-321-146	DAT40 x SAC32E - 146	146	96	65	25 N-m	ER32	3 ~ 20	6.40
	5052-640-162-150	DAT50 x SAC16E - 150	150	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5052-640-202-150	DAT50 x SAC20E - 150	150	91	80	25 N-m	ER20	3 ~ 13	8.40
	5052-640-252-150	DAT50 x SAC25E - 150	150	92	80	25 N-m	ER25	3 ~ 16	8.40
	5052-640-322-150	DAT50 x SAC32E - 150	150	96	80	25 N-m	ER32	3 ~ 20	8.44
 DIN 69893 A	5073-640-161-155	HSK63A x SAC16E - 155	155	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5073-640-201-155	HSK63A x SAC20E - 155	155	91	65	25 N-m	ER20	3 ~ 13	6.40
	5073-640-251-155	HSK63A x SAC25E - 155	155	92	65	25 N-m	ER25	3 ~ 16	6.40
	5073-640-321-155	HSK63A x SAC32E - 155	155	96	65	25 N-m	ER32	3 ~ 20	6.44
	5075-640-162-151	HSK100A x SAC16E - 151	151	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5075-640-202-151	HSK100A x SAC20E - 151	151	91	80	25 N-m	ER20	3 ~ 13	8.40
	5075-640-252-151	HSK100A x SAC25E - 151	151	92	80	25 N-m	ER25	3 ~ 16	8.40
	5075-640-322-151	HSK100A x SAC32E - 151	151	96	80	25 N-m	ER32	3 ~ 20	8.44

Product information:

- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

Reminder:

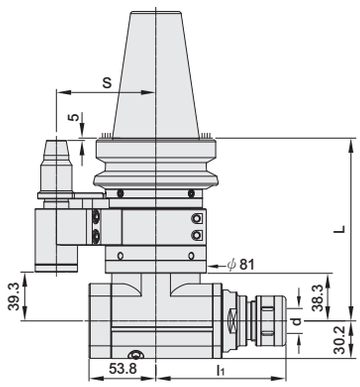
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

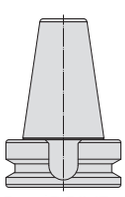
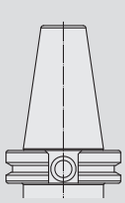
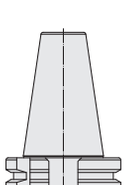
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (ER TYPE)



SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 DualDRIVE+	5026-640-161-130	SBT40 x SAC16E - 130	130	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5026-640-201-130	SBT40 x SAC20E - 130	130	91	65	25 N-m	ER20	3 ~ 13	6.40
	5026-640-251-130	SBT40 x SAC25E - 130	130	92	65	25 N-m	ER25	3 ~ 16	6.40
	5026-640-321-130	SBT40 x SAC32E - 130	130	96	65	25 N-m	ER32	3 ~ 20	6.44
	5027-640-162-147	SBT50 x SAC16E - 147	147	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5027-640-202-147	SBT50 x SAC20E - 147	147	91	80	25 N-m	ER20	3 ~ 13	8.40
	5027-640-252-147	SBT50 x SAC25E - 147	147	92	80	25 N-m	ER25	3 ~ 16	8.40
	5027-640-322-147	SBT50 x SAC32E - 147	147	96	80	25 N-m	ER32	3 ~ 20	8.44
 DualDRIVE+	5043-640-161-150	SCAT40 x SAC16E - 150	150	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5043-640-201-150	SCAT40 x SAC20E - 150	150	91	65	25 N-m	ER20	3 ~ 13	6.40
	5043-640-251-150	SCAT40 x SAC25E - 150	150	92	65	25 N-m	ER25	3 ~ 16	6.40
	5043-640-321-150	SCAT40 x SAC32E - 150	150	96	65	25 N-m	ER32	3 ~ 20	6.44
	5044-640-162-150	SCAT50 x SAC16E - 150	150	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5044-640-202-150	SCAT50 x SAC20E - 150	150	91	80	25 N-m	ER20	3 ~ 13	8.40
	5044-640-252-150	SCAT50 x SAC25E - 150	150	92	80	25 N-m	ER25	3 ~ 16	8.40
	5044-640-322-150	SCAT50 x SAC32E - 150	150	96	80	25 N-m	ER32	3 ~ 20	8.44
 DualDRIVE+	5066-640-161-146	SDAT40 x SAC16E - 146	146	89.6	65	25 N-m	ER16	3 ~ 10	6.40
	5066-640-201-146	SDAT40 x SAC20E - 146	146	91	65	25 N-m	ER20	3 ~ 13	6.40
	5066-640-251-146	SDAT40 x SAC25E - 146	146	92	65	25 N-m	ER25	3 ~ 16	6.40
	5066-640-321-146	SDAT40 x SAC32E - 146	146	96	65	25 N-m	ER32	3 ~ 20	6.44
	5067-640-162-150	SDAT50 x SAC16E - 150	150	89.6	80	25 N-m	ER16	3 ~ 10	8.40
	5067-640-202-150	SDAT50 x SAC20E - 150	150	91	80	25 N-m	ER20	3 ~ 13	8.40
	5067-640-252-150	SDAT50 x SAC25E - 150	150	92	80	25 N-m	ER25	3 ~ 16	8.40
	5067-640-322-150	SDAT50 x SAC32E - 150	150	96	80	25 N-m	ER32	3 ~ 20	8.44

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
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Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
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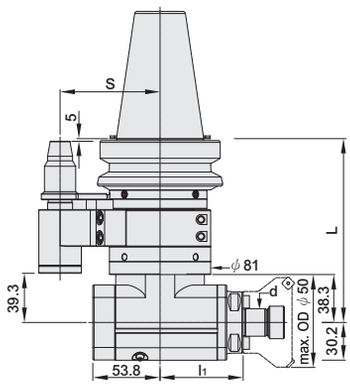
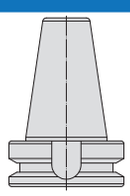
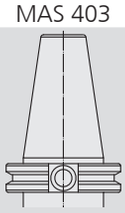
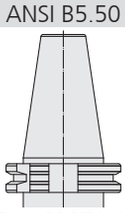
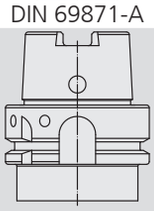
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (FMA/B TYPE)



SHANK	MODEL NO.	TYPE	L	d	l_1	S	TORQUE	WEIGHT (KGS)
 MAS 403	5011-641-A641-512	BT40 x SAC25.4FA - 130	130	25.4	66	65	25 N-m	6.54
	5011-641-221-130	BT40 x SAC22FB - 130	130	22	66	65	25 N-m	6.54
	5012-641-A642-579	BT50 x SAC25.4FA - 147	147	25.4	66	80	25 N-m	8.54
	5012-641-222-147	BT50 x SAC22FB - 147	147	22	66	80	25 N-m	8.54
 ANSI B5.50	5031-641-A641-591	CAT40 x SAC25.4FA - 150	150	25.4	66	65	25 N-m	6.54
	5031-641-221-150	CAT40 x SAC22FB - 150	150	22	66	65	25 N-m	6.54
	5032-641-A642-591	CAT50 x SAC25.4FA - 150	150	25.4	66	80	25 N-m	8.54
	5032-641-222-150	CAT50 x SAC22FB - 150	150	22	66	80	25 N-m	8.54
 DIN 69871-A	5051-641-A641-575	DAT40 x SAC25.4FA - 146	146	25.4	66	65	25 N-m	6.54
	5051-641-221-146	DAT40 x SAC22FB - 146	146	22	66	65	25 N-m	6.54
	5052-641-A642-591	DAT50 x SAC25.4FA - 150	150	25.4	66	80	25 N-m	8.54
	5052-641-222-150	DAT50 x SAC22FB - 150	150	22	66	80	25 N-m	8.54
 DIN 69893 A	5073-641-A641-610	HSK63A x SAC25.4FA - 155	155	25.4	66	65	25 N-m	6.54
	5073-641-221-155	HSK63A x SAC22FB - 155	155	22	66	65	25 N-m	6.54
	5075-641-A642-594	HSK100A x SAC25.4FA - 151	151	25.4	66	80	25 N-m	8.54
	5075-641-222-151	HSK100A x SAC22FB - 151	151	22	66	80	25 N-m	8.54

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
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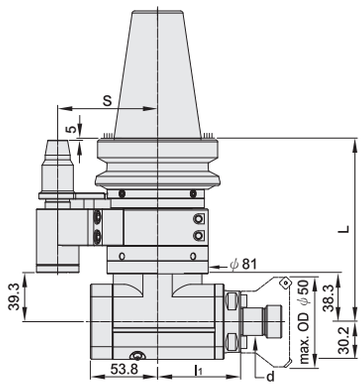
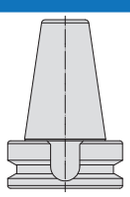
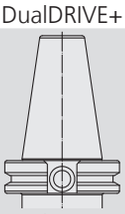
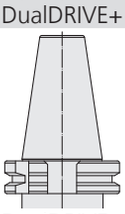
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (FMA/B TYPE)



SHANK	MODEL NO.	TYPE	L	d	l_1	S	TORQUE	WEIGHT (KGS)
 DualDRIVE+	5026-641-A641-512	SBT40 x SAC25.4FA - 130	130	25.4	66	65	25 N-m	6.54
	5026-641-221-130	SBT40 x SAC22FB - 130	130	22	66	65	25 N-m	6.54
	5027-641-A642-579	SBT50 x SAC25.4FA - 147	147	25.4	66	80	25 N-m	8.54
	5027-641-222-147	SBT50 x SAC22FB - 147	147	22	66	80	25 N-m	8.54
 DualDRIVE+	5043-641-A641-591	SCAT40 x SAC25.4FA - 150	150	25.4	66	65	25 N-m	6.54
	5043-641-221-150	SCAT40 x SAC22FB - 150	150	22	66	65	25 N-m	6.54
	5044-641-A642-591	SCAT50 x SAC25.4FA - 150	150	25.4	66	80	25 N-m	8.54
	5044-641-222-150	SCAT50 x SAC22FB - 150	150	22	66	80	25 N-m	8.54
 DualDRIVE+	5066-641-A641-575	SDAT40 x SAC25.4FA - 146	146	25.4	66	65	25 N-m	6.54
	5066-641-221-146	SDAT40 x SAC22FB - 146	146	22	66	65	25 N-m	6.54
	5067-641-A642-591	SDAT50 x SAC25.4FA - 150	150	25.4	66	80	25 N-m	8.54
	5067-641-222-150	SDAT50 x SAC22FB - 150	150	22	66	80	25 N-m	8.54

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

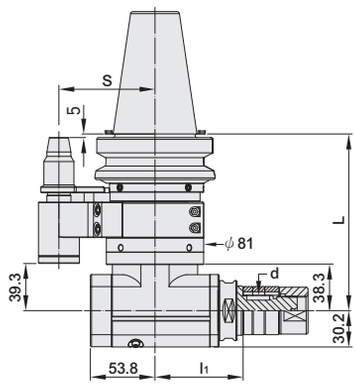
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

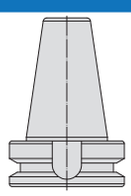
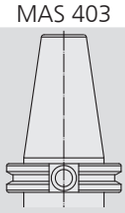
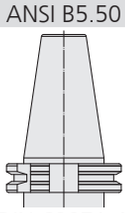
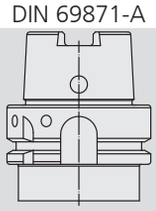
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (SCA TYPE)



SHANK	MODEL NO.	TYPE	L	l_1	d	S	TORQUE	WEIGHT (KGS)
 MAS 403	5011-S32-221-130	BT40 x SAC22SC - 130	130	67.5	22	65	25 N-m	6.40
	5011-S32-A641-512	BT40 x SAC25.4SC - 130	130	67.5	25.4	65	25 N-m	6.40
	5012-S32-222-147	BT50 x SAC22SC - 147	147	67.5	22	80	25 N-m	6.44
	5012-S32-A642-579	BT50 x SAC25.4SC - 147	147	67.5	25.4	80	25 N-m	6.44
 ANSI B5.50	5031-S32-221-150	CAT40 x SAC22SC - 150	150	67.5	22	65	25 N-m	6.40
	5031-S32-A641-591	CAT40 x SAC25.4SC - 150	150	67.5	25.4	65	25 N-m	6.40
	5032-S32-222-150	CAT50 x SAC22SC - 150	150	67.5	22	80	25 N-m	6.44
	5032-S32-A642-591	CAT50 x SAC25.4SC - 150	150	67.5	25.4	80	25 N-m	6.44
 DIN 69871-A	5051-S32-221-146	DAT40 x SAC22SC - 146	146	67.5	22	65	25 N-m	6.40
	5051-S32-A641-575	DAT40 x SAC25.4SC - 146	146	67.5	25.4	65	25 N-m	6.40
	5052-S32-222-150	DAT50 x SAC22SC - 150	150	67.5	22	80	25 N-m	6.44
	5052-S32-A642-591	DAT50 x SAC25.4SC - 150	150	67.5	25.4	80	25 N-m	6.44
 DIN 69893 A	5073-S32-221-155	HSK63A x SAC22SC - 155	155	67.5	22	65	25 N-m	8.40
	5073-S32-A641-610	HSK63A x SAC25.4SC - 155	155	67.5	25.4	65	25 N-m	8.40
	5075-S32-222-151	HSK100A x SAC22SC - 151	151	67.5	22	80	25 N-m	8.40
	5075-S32-A642-594	HSK100A x SAC25.4SC - 151	151	67.5	25.4	80	25 N-m	8.40

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

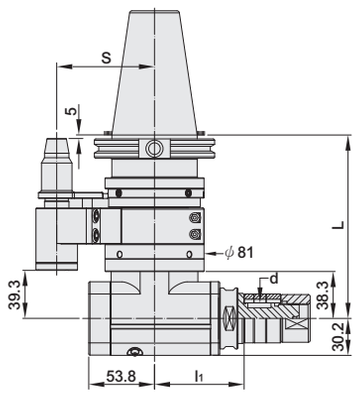
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

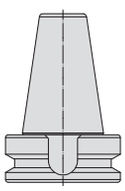
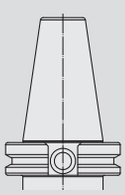
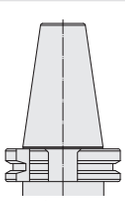
Optional Fixed Block

P.S-37~38

SAC ANGLE HEAD HOLDER
FOR MEDIUM CUTTING

SAC 中鋼炮銑削頭 (SCA TYPE)



SHANK	MODEL NO.	TYPE	L	l_1	d	S	TORQUE	WEIGHT (KGS)
 DualDRIVE+	5026-S32-221-130	SBT40 x SAC22SC - 130	130	67.5	22	65	25 N-m	6.40
	5026-S32-A641-512	SBT40 x SAC25.4SC - 130	130	67.5	25.4	65	25 N-m	6.40
	5027-S32-222-147	SBT50 x SAC22SC - 147	147	67.5	22	80	25 N-m	6.44
	5027-S32-A642-579	SBT50 x SAC25.4SC - 147	147	67.5	25.4	80	25 N-m	6.44
 DualDRIVE+	5043-S32-221-150	SCAT40 x SAC22SC - 150	150	67.5	22	65	25 N-m	6.40
	5043-S32-A641-591	SCAT40 x SAC25.4SC - 150	150	67.5	25.4	65	25 N-m	6.40
	5044-S32-222-150	SCAT50 x SAC22SC - 150	150	67.5	22	80	25 N-m	6.44
	5044-S32-A642-591	SCAT50 x SAC25.4SC - 150	150	67.5	25.4	80	25 N-m	6.44
 DualDRIVE+	5066-S32-221-146	SDAT40 x SAC22SC - 146	146	67.5	22	65	25 N-m	6.40
	5066-S32-A641-575	SDAT40 x SAC25.4SC - 146	146	67.5	25.4	65	25 N-m	6.40
	5067-S32-222-150	SDAT50 x SAC22SC - 150	150	67.5	22	80	25 N-m	6.44
	5067-S32-A642-591	SDAT50 x SAC25.4SC - 150	150	67.5	25.4	80	25 N-m	6.44

Product information:
- Gear ratio 1:1.
- Max. revolution: 3000rpm.
- Suggested Ap ≤ 3mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

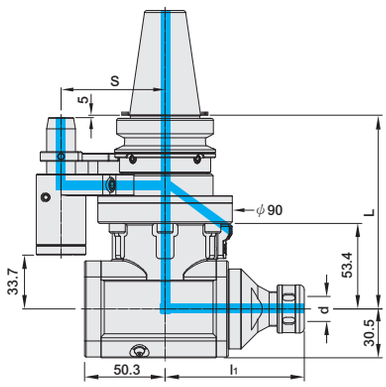
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

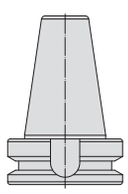
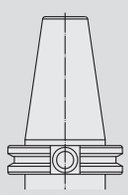
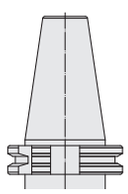
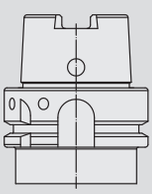
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (SKS TYPE)



台灣精品2009 TAIWAN EXCELLENCE

WITH COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 MAS 403	5011-635-101-120	BT40 x SAM10S - 120	120	87	65	20 N-m	SKS10	3 ~ 10	5.20
	5011-635-131-120	BT40 x SAM13S - 120	120	87	65	20 N-m	SKS13	3 ~ 13	5.20
	5011-635-161-120	BT40 x SAM16S - 120	120	89.5	65	20 N-m	SKS16	3 ~ 16	5.20
	5011-635-201-120	BT40 x SAM20S - 120	120	90	65	20 N-m	SKS20	3 ~ 20	5.20
	5012-635-102-135	BT50 x SAM10S - 135	135	87	80	20 N-m	SKS10	3 ~ 10	6.30
	5012-635-132-135	BT50 x SAM13S - 135	135	87	80	20 N-m	SKS13	3 ~ 13	6.30
	5012-635-162-135	BT50 x SAM16S - 135	135	89.5	80	20 N-m	SKS16	3 ~ 16	6.30
	5012-635-202-135	BT50 x SAM20S - 135	135	90	80	20 N-m	SKS20	3 ~ 20	6.30
 ANSI B5.50	5031-635-101-136	CAT40 x SAM10S - 5.372"	5.372	3.425	2.559	20 N-m	SKS10	3 ~ 10	5.20
	5031-635-131-136	CAT40 x SAM13S - 5.372"	5.372	3.425	2.559	20 N-m	SKS13	3 ~ 13	5.20
	5031-635-161-136	CAT40 x SAM16S - 5.372"	5.372	3.524	2.559	20 N-m	SKS16	3 ~ 16	5.20
	5031-635-201-136	CAT40 x SAM20S - 5.372"	5.372	3.543	2.559	20 N-m	SKS20	3 ~ 20	5.20
	5032-635-102-140	CAT50 x SAM10S - 5.5"	5.5	3.425	3.145	20 N-m	SKS10	3 ~ 10	6.30
	5032-635-132-140	CAT50 x SAM13S - 5.5"	5.5	3.425	3.145	20 N-m	SKS13	3 ~ 13	6.30
	5032-635-162-140	CAT50 x SAM16S - 5.5"	5.5	3.524	3.145	20 N-m	SKS16	3 ~ 16	6.30
	5032-635-202-140	CAT50 x SAM20S - 5.5"	5.5	3.543	3.145	20 N-m	SKS20	3 ~ 20	6.30
 DIN 69871-A	5051-635-101-137	DAT40 x SAM10S - 137	137	87	65	20 N-m	SKS10	3 ~ 10	5.20
	5051-635-131-137	DAT40 x SAM13S - 137	137	87	65	20 N-m	SKS13	3 ~ 13	5.20
	5051-635-161-137	DAT40 x SAM16S - 137	137	89.5	65	20 N-m	SKS16	3 ~ 16	5.20
	5051-635-201-137	DAT40 x SAM20S - 137	137	90	65	20 N-m	SKS20	3 ~ 20	5.20
	5052-635-102-140	DAT50 x SAM10S - 140	140	87	80	20 N-m	SKS10	3 ~ 10	6.30
	5052-635-132-140	DAT50 x SAM13S - 140	140	87	80	20 N-m	SKS13	3 ~ 13	6.30
	5052-635-162-140	DAT50 x SAM16S - 140	140	89.5	80	20 N-m	SKS16	3 ~ 16	6.30
	5052-635-202-140	DAT50 x SAM20S - 140	140	90	80	20 N-m	SKS20	3 ~ 20	6.30
 DIN 69893 A	5073-635-101-145	HSK63A x SAM10S - 145	145	87	65	20 N-m	SKS10	3 ~ 10	5.20
	5073-635-131-145	HSK63A x SAM13S - 145	145	87	65	20 N-m	SKS13	3 ~ 13	5.20
	5073-635-161-145	HSK63A x SAM16S - 145	145	89.5	65	20 N-m	SKS16	3 ~ 16	5.20
	5073-635-201-145	HSK63A x SAM20S - 145	145	90	65	20 N-m	SKS20	3 ~ 20	5.20
	5075-635-102-150	HSK100A x SAM10S - 150	150	87	80	20 N-m	SKS10	3 ~ 10	6.30
	5075-635-132-150	HSK100A x SAM13S - 150	150	87	80	20 N-m	SKS13	3 ~ 13	6.30
	5075-635-162-150	HSK100A x SAM16S - 150	150	89.5	80	20 N-m	SKS16	3 ~ 16	6.30
	5075-635-202-150	HSK100A x SAM20S - 150	150	90	80	20 N-m	SKS20	3 ~ 20	6.30

Product information: ▸ Gear ratio 1:1. ▸ Max. revolution: 4000rpm. ▸ Suggested Ap ≤ 2mm. ▸ Can be used for ATC.
▸ Coolant feed through spindle or dowel pin, coolant outlet from cutting tools or coolant nozzles. ▸ Max. water pressure: 7kgf/cm^2(100PSI).
▸ Rotating direction opposite to machine spindle.

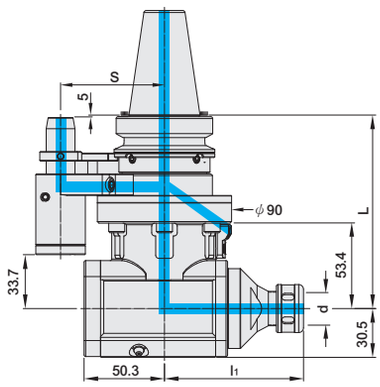
Reminder:
▸ Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
▸ Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

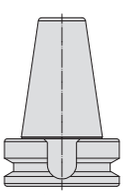
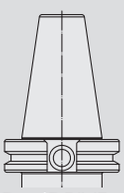
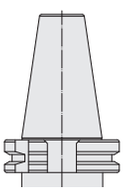
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (SKS TYPE)



台灣精品2009 TAIWAN EXCELLENCE

WITH COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 DualDRIVE+	5026-635-101-120	SBT40 x SAM10S - 120	120	87	65	20 N-m	SKS10	3 ~ 10	5.20
	5026-635-131-120	SBT40 x SAM13S - 120	120	87	65	20 N-m	SKS13	3 ~ 13	5.20
	5026-635-161-120	SBT40 x SAM16S - 120	120	89.5	65	20 N-m	SKS16	3 ~ 16	5.20
	5026-635-201-120	SBT40 x SAM20S - 120	120	90	65	20 N-m	SKS20	3 ~ 20	5.20
	5027-635-102-135	SBT50 x SAM10S - 135	135	87	80	20 N-m	SKS10	3 ~ 10	6.30
	5027-635-132-135	SBT50 x SAM13S - 135	135	87	80	20 N-m	SKS13	3 ~ 13	6.30
	5027-635-162-135	SBT50 x SAM16S - 135	135	89.5	80	20 N-m	SKS16	3 ~ 16	6.30
	5027-635-202-135	SBT50 x SAM20S - 135	135	90	80	20 N-m	SKS20	3 ~ 20	6.30
 DualDRIVE+	5043-635-101-136	SCAT40 x SAM10S - 5.372"	5.372	3.425	2.559	20 N-m	SKS10	3 ~ 10	5.20
	5043-635-131-136	SCAT40 x SAM13S - 5.372"	5.372	3.425	2.559	20 N-m	SKS13	3 ~ 13	5.20
	5043-635-161-136	SCAT40 x SAM16S - 5.372"	5.372	3.425	2.559	20 N-m	SKS16	3 ~ 16	5.20
	5043-635-201-136	SCAT40 x SAM20S - 5.372"	5.372	3.228	2.559	20 N-m	SKS20	3 ~ 20	5.20
	5044-635-102-140	SCAT50 x SAM10S - 5.5"	5.5	3.425	3.145	20 N-m	SKS10	3 ~ 10	6.30
	5044-635-132-140	SCAT50 x SAM13S - 5.5"	5.5	3.425	3.145	20 N-m	SKS13	3 ~ 13	6.30
	5044-635-162-140	SCAT50 x SAM16S - 5.5"	5.5	3.425	3.145	20 N-m	SKS16	3 ~ 16	6.30
	5044-635-202-140	SCAT50 x SAM20S - 5.5"	5.5	3.228	3.145	20 N-m	SKS20	3 ~ 20	6.30
 DualDRIVE+	5066-635-101-137	SDAT40 x SAM10S - 137	137	87	65	20 N-m	SKS10	3 ~ 10	5.20
	5066-635-131-137	SDAT40 x SAM13S - 137	137	87	65	20 N-m	SKS13	3 ~ 13	5.20
	5066-635-161-137	SDAT40 x SAM16S - 137	137	89.5	65	20 N-m	SKS16	3 ~ 16	5.20
	5066-635-201-137	SDAT40 x SAM20S - 137	137	90	65	20 N-m	SKS20	3 ~ 20	5.20
	5067-635-102-140	SDAT50 x SAM10S - 140	140	87	80	20 N-m	SKS10	3 ~ 10	6.30
	5067-635-132-140	SDAT50 x SAM13S - 140	140	87	80	20 N-m	SKS13	3 ~ 13	6.30
	5067-635-162-140	SDAT50 x SAM16S - 140	140	89.5	80	20 N-m	SKS16	3 ~ 16	6.30
	5067-635-202-140	SDAT50 x SAM20S - 140	140	90	80	20 N-m	SKS20	3 ~ 20	6.30

Product information:
- Gear ratio 1:1.
- Max. revolution: 4000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through spindle or dowel pin, coolant outlet from cutting tools or coolant nozzles.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction opposite to machine spindle.
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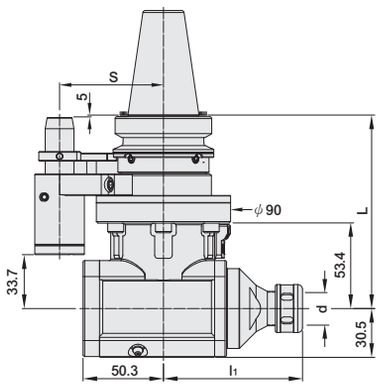
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

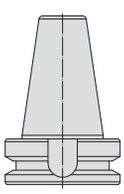
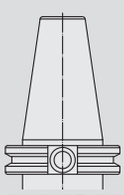
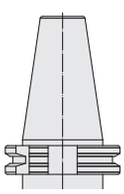
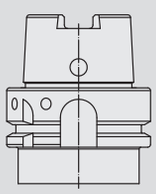
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (SKS TYPE)



台灣精品2009 TAIWAN EXCELLENCE

WITHOUT COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 MAS 403	5011-678-101-120	BT40 x SAM10SX - 120	120	87	65	20 N-m	SKS10	3 ~ 10	6.40
	5011-678-131-120	BT40 x SAM13SX - 120	120	87	65	20 N-m	SKS13	3 ~ 13	6.40
	5011-678-161-120	BT40 x SAM16SX - 120	120	89.5	65	20 N-m	SKS16	3 ~ 16	6.40
	5011-678-201-120	BT40 x SAM20SX - 120	120	90	65	20 N-m	SKS20	3 ~ 20	6.40
	5012-678-102-135	BT50 x SAM10SX - 135	135	87	80	20 N-m	SKS10	3 ~ 10	8.40
	5012-678-132-135	BT50 x SAM13SX - 135	135	87	80	20 N-m	SKS13	3 ~ 13	8.40
	5012-678-162-135	BT50 x SAM16SX - 135	135	89.5	80	20 N-m	SKS16	3 ~ 16	8.40
	5012-678-202-135	BT50 x SAM20SX - 135	135	90	80	20 N-m	SKS20	3 ~ 20	8.40
 ANSI B5.50	5031-678-101-136	CAT40 x SAM10SX - 5.372"	5.372	3.425	2.559	20 N-m	SKS10	3 ~ 10	6.40
	5031-678-131-136	CAT40 x SAM13SX - 5.372"	5.372	3.425	2.559	20 N-m	SKS13	3 ~ 13	6.40
	5031-678-161-136	CAT40 x SAM16SX - 5.372"	5.372	3.524	2.559	20 N-m	SKS16	3 ~ 16	6.40
	5031-678-201-136	CAT40 x SAM20SX - 5.372"	5.372	3.543	2.559	20 N-m	SKS20	3 ~ 20	6.40
	5032-678-102-140	CAT50 x SAM10SX - 5.5"	5.5	3.425	3.145	20 N-m	SKS10	3 ~ 10	8.40
	5032-678-132-140	CAT50 x SAM13SX - 5.5"	5.5	3.425	3.145	20 N-m	SKS13	3 ~ 13	8.40
	5032-678-162-140	CAT50 x SAM16SX - 5.5"	5.5	3.524	3.145	20 N-m	SKS16	3 ~ 16	8.40
	5032-678-202-140	CAT50 x SAM20SX - 5.5"	5.5	3.543	3.145	20 N-m	SKS20	3 ~ 20	8.40
 DIN 69871-A	5051-678-101-137	DAT40 x SAM10SX - 137	137	87	65	20 N-m	SKS10	3 ~ 10	6.40
	5051-678-131-137	DAT40 x SAM13SX - 137	137	87	65	20 N-m	SKS13	3 ~ 13	6.40
	5051-678-161-137	DAT40 x SAM16SX - 137	137	89.5	65	20 N-m	SKS16	3 ~ 16	6.40
	5051-678-201-137	DAT40 x SAM20SX - 137	137	90	65	20 N-m	SKS20	3 ~ 20	6.40
	5052-678-102-140	DAT50 x SAM10SX - 140	140	87	80	20 N-m	SKS10	3 ~ 10	8.40
	5052-678-132-140	DAT50 x SAM13SX - 140	140	87	80	20 N-m	SKS13	3 ~ 13	8.40
	5052-678-162-140	DAT50 x SAM16SX - 140	140	89.5	80	20 N-m	SKS16	3 ~ 16	8.40
	5052-678-202-140	DAT50 x SAM20SX - 140	140	90	80	20 N-m	SKS20	3 ~ 20	8.40
 DIN 69893 A	5073-678-101-145	HSK63A x SAM10SX - 145	145	87	65	20 N-m	SKS10	3 ~ 10	6.40
	5073-678-131-145	HSK63A x SAM13SX - 145	145	87	65	20 N-m	SKS13	3 ~ 13	6.40
	5073-678-161-145	HSK63A x SAM16SX - 145	145	89.5	65	20 N-m	SKS16	3 ~ 16	6.40
	5073-678-201-145	HSK63A x SAM20SX - 145	145	90	65	20 N-m	SKS20	3 ~ 20	6.40
	5075-678-102-150	HSK100A x SAM10SX - 150	150	87	80	20 N-m	SKS10	3 ~ 10	8.40
	5075-678-132-150	HSK100A x SAM13SX - 150	150	87	80	20 N-m	SKS13	3 ~ 13	8.40
	5075-678-162-150	HSK100A x SAM16SX - 150	150	89.5	80	20 N-m	SKS16	3 ~ 16	8.40
	5075-678-202-150	HSK100A x SAM20SX - 150	150	90	80	20 N-m	SKS20	3 ~ 20	8.40

Product information: ▸ Gear ratio 1:1. ▸ Max. revolution: 4000rpm. ▸ Suggested Ap ≤ 2mm.
▸ Rotating direction opposite to machine spindle.
▸ Can be used for ATC.

Reminder:
▸ Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
▸ Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

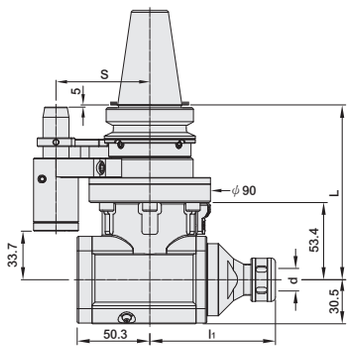
Optional Fixed Block

P.S-37~38

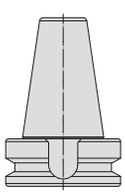
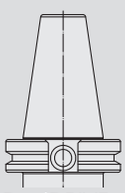
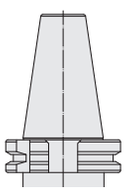
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (SKS TYPE)

台灣精品 2009 TAIWAN EXCELLENCE



WITHOUT COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 DualDRIVE+	5026-678-101-120	SBT40 x SAM10SX - 120	120	87	65	20 N-m	SKS10	3 ~ 10	6.40
	5026-678-131-120	SBT40 x SAM13SX - 120	120	87	65	20 N-m	SKS13	3 ~ 13	6.40
	5026-678-161-120	SBT40 x SAM16SX - 120	120	89.5	65	20 N-m	SKS16	3 ~ 16	6.40
	5026-678-201-120	SBT40 x SAM20SX - 120	120	90	65	20 N-m	SKS20	3 ~ 20	6.40
	5027-678-102-135	SBT50 x SAM10SX - 135	135	87	80	20 N-m	SKS10	3 ~ 10	8.40
	5027-678-132-135	SBT50 x SAM13SX - 135	135	87	80	20 N-m	SKS13	3 ~ 13	8.40
	5027-678-162-135	SBT50 x SAM16SX - 135	135	89.5	80	20 N-m	SKS16	3 ~ 16	8.40
	5027-678-202-135	SBT50 x SAM20SX - 135	135	90	80	20 N-m	SKS20	3 ~ 20	8.40
 DualDRIVE+	5043-678-101-136	SCAT40 x SAM10SX - 5.372"	5.372	3.425	2.559	20 N-m	SKS10	3 ~ 10	6.40
	5043-678-131-136	SCAT40 x SAM13SX - 5.372"	5.372	3.425	2.559	20 N-m	SKS13	3 ~ 13	6.40
	5043-678-161-136	SCAT40 x SAM16SX - 5.372"	5.372	3.425	2.559	20 N-m	SKS16	3 ~ 16	6.40
	5043-678-201-136	SCAT40 x SAM20SX - 5.372"	5.372	3.228	2.559	20 N-m	SKS20	3 ~ 20	6.40
	5044-678-102-140	SCAT50 x SAM10SX - 5.5"	5.5	3.425	3.145	20 N-m	SKS10	3 ~ 10	8.40
	5044-678-132-140	SCAT50 x SAM13SX - 5.5"	5.5	3.425	3.145	20 N-m	SKS13	3 ~ 13	8.40
	5044-678-162-140	SCAT50 x SAM16SX - 5.5"	5.5	3.425	3.145	20 N-m	SKS16	3 ~ 16	8.40
	5044-678-202-140	SCAT50 x SAM20SX - 5.5"	5.5	3.228	3.145	20 N-m	SKS20	3 ~ 20	8.40
 DualDRIVE+	5066-678-101-137	SDAT40 x SAM10SX - 137	137	87	65	20 N-m	SKS10	3 ~ 10	6.40
	5066-678-131-137	SDAT40 x SAM13SX - 137	137	87	65	20 N-m	SKS13	3 ~ 13	6.40
	5066-678-161-137	SDAT40 x SAM16SX - 137	137	89.5	65	20 N-m	SKS16	3 ~ 16	6.40
	5066-678-201-137	SDAT40 x SAM20SX - 137	137	90	65	20 N-m	SKS20	3 ~ 20	6.40
	5067-678-102-140	SDAT50 x SAM10SX - 140	140	87	80	20 N-m	SKS10	3 ~ 10	8.40
	5067-678-132-140	SDAT50 x SAM13SX - 140	140	87	80	20 N-m	SKS13	3 ~ 13	8.40
	5067-678-162-140	SDAT50 x SAM16SX - 140	140	89.5	80	20 N-m	SKS16	3 ~ 16	8.40
	5067-678-202-140	SDAT50 x SAM20SX - 140	140	90	80	20 N-m	SKS20	3 ~ 20	8.40

Product information:
- Gear ratio 1:1.
- Max. revolution: 4000rpm.
- Suggested Ap ≤ 2mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

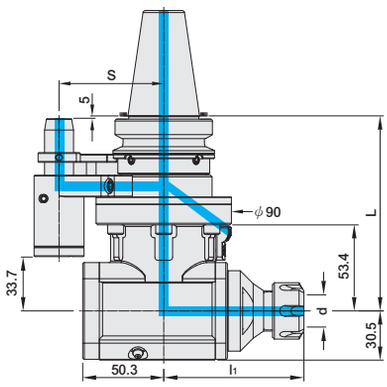
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

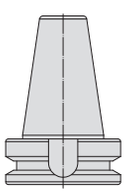
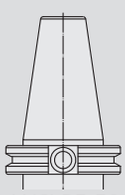
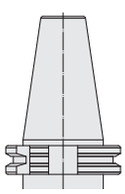
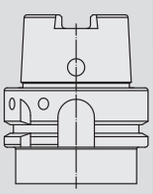
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (ER TYPE)



台灣精品2009 TAIWAN EXCELLENCE

WITH COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 MAS 403	5011-636-161-120	BT40 x SAM16E - 120	120	87	65	20 N-m	ER16	3 ~ 10	6.40
	5011-636-201-120	BT40 x SAM20E - 120	120	87	65	20 N-m	ER20	3 ~ 13	6.40
	5011-636-251-120	BT40 x SAM25E - 120	120	87	65	20 N-m	ER25	3 ~ 16	6.40
	5011-636-321-120	BT40 x SAM32E - 120	120	82	65	20 N-m	ER32	3 ~ 20	6.44
	5012-636-162-135	BT50 x SAM16E - 135	135	87	80	20 N-m	ER16	3 ~ 10	8.40
	5012-636-202-135	BT50 x SAM20E - 135	135	87	80	20 N-m	ER20	3 ~ 13	8.40
	5012-636-252-135	BT50 x SAM25E - 135	135	87	80	20 N-m	ER25	3 ~ 16	8.40
	5012-636-322-135	BT50 x SAM32E - 135	135	82	80	20 N-m	ER32	3 ~ 20	8.44
 ANSI B5.50	5031-636-161-136	CAT40 x SAM16E - 5.372"	5.372	3.425	2.559	20 N-m	ER16	3 ~ 10	6.40
	5031-636-201-136	CAT40 x SAM20E - 5.372"	5.372	3.425	2.559	20 N-m	ER20	3 ~ 13	6.40
	5031-636-251-136	CAT40 x SAM25E - 5.372"	5.372	3.425	2.559	20 N-m	ER25	3 ~ 16	6.40
	5031-636-321-136	CAT40 x SAM32E - 5.372"	5.372	3.228	2.559	20 N-m	ER32	3 ~ 20	6.44
	5032-636-162-140	CAT50 x SAM16E - 5.5"	5.5	3.425	3.145	20 N-m	ER16	3 ~ 10	8.40
	5032-636-202-140	CAT50 x SAM20E - 5.5"	5.5	3.425	3.145	20 N-m	ER20	3 ~ 13	8.40
	5032-636-252-140	CAT50 x SAM25E - 5.5"	5.5	3.425	3.145	20 N-m	ER25	3 ~ 16	8.40
	5032-636-322-140	CAT50 x SAM32E - 5.5"	5.5	3.228	3.145	20 N-m	ER32	3 ~ 20	8.44
 DIN 69871-A	5051-636-161-137	DAT40 x SAM16E - 137	137	87	65	20 N-m	ER16	3 ~ 10	6.40
	5051-636-201-137	DAT40 x SAM20E - 137	137	87	65	20 N-m	ER20	3 ~ 13	6.40
	5051-636-251-137	DAT40 x SAM25E - 137	137	87	65	20 N-m	ER25	3 ~ 16	6.40
	5051-636-321-137	DAT40 x SAM32E - 137	137	82	65	20 N-m	ER32	3 ~ 20	6.44
	5052-636-162-140	DAT50 x SAM16E - 139.7	139.7	87	80	20 N-m	ER16	3 ~ 10	8.40
	5052-636-202-140	DAT50 x SAM20E - 139.7	139.7	87	80	20 N-m	ER20	3 ~ 13	8.40
	5052-636-252-140	DAT50 x SAM25E - 139.7	139.7	87	80	20 N-m	ER25	3 ~ 16	8.40
	5052-636-322-140	DAT50 x SAM32E - 139.7	139.7	82	80	20 N-m	ER32	3 ~ 20	8.44
 DIN 69893 A	5073-636-161-145	HSK63A x SAM16E - 145	145	87	65	20 N-m	ER16	3 ~ 10	6.40
	5073-636-201-145	HSK63A x SAM20E - 145	145	87	65	20 N-m	ER20	3 ~ 13	6.40
	5073-636-251-145	HSK63A x SAM25E - 145	145	87	65	20 N-m	ER25	3 ~ 16	6.40
	5073-636-321-145	HSK63A x SAM32E - 145	145	82	65	20 N-m	ER32	3 ~ 20	6.44
	5075-636-162-150	HSK100A x SAM16E - 150	150	87	80	20 N-m	ER16	3 ~ 10	8.40
	5075-636-202-150	HSK100A x SAM20E - 150	150	87	80	20 N-m	ER20	3 ~ 13	8.40
	5075-636-252-150	HSK100A x SAM25E - 150	150	87	80	20 N-m	ER25	3 ~ 16	8.40
	5075-636-322-150	HSK100A x SAM32E - 150	150	82	80	20 N-m	ER32	3 ~ 20	8.44

Product information: ▸ Gear ratio 1:1. ▸ Max. revolution: 4000rpm. ▸ Suggested Ap ≤ 2mm.
▸ Rotating direction opposite to machine spindle.
▸ Can be used for ATC.

Reminder:
▸ Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
▸ Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

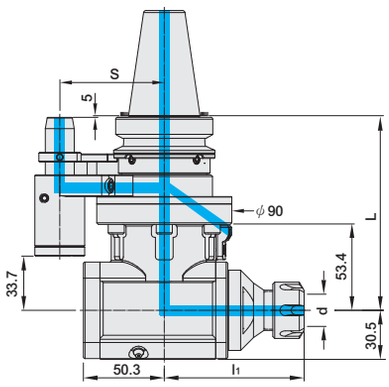
Optional Fixed Block

P.S-37~38

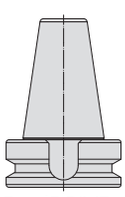
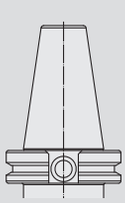
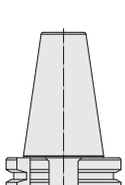
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (ER TYPE)

台灣精品2009 TAIWAN EXCELLENCE



WITH COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 DualDRIVE+	5026-636-161-120	SBT40 x SAM16E - 120	120	87	65	20 N-m	ER16	3 ~ 10	6.40
	5026-636-201-120	SBT40 x SAM20E - 120	120	87	65	20 N-m	ER20	3 ~ 13	6.40
	5026-636-251-120	SBT40 x SAM25E - 120	120	87	65	20 N-m	ER25	3 ~ 16	6.40
	5026-636-321-120	SBT40 x SAM32E - 120	120	82	65	20 N-m	ER32	3 ~ 20	6.44
	5027-636-162-135	SBT50 x SAM16E - 135	135	87	80	20 N-m	ER16	3 ~ 10	8.40
	5027-636-202-135	SBT50 x SAM20E - 135	135	87	80	20 N-m	ER20	3 ~ 13	8.40
	5027-636-252-135	SBT50 x SAM25E - 135	135	87	80	20 N-m	ER25	3 ~ 16	8.40
	5027-636-322-135	SBT50 x SAM32E - 135	135	82	80	20 N-m	ER32	3 ~ 20	8.44
 DualDRIVE+	5043-636-161-136	SCAT40 x SAM16E - 5.372"	5.372	3.425	2.559	20 N-m	ER16	3 ~ 10	6.40
	5043-636-201-136	SCAT40 x SAM20E - 5.372"	5.372	3.425	2.559	20 N-m	ER20	3 ~ 13	6.40
	5043-636-251-136	SCAT40 x SAM25E - 5.372"	5.372	3.425	2.559	20 N-m	ER25	3 ~ 16	6.40
	5043-636-321-136	SCAT40 x SAM32E - 5.372"	5.372	3.228	2.559	20 N-m	ER32	3 ~ 20	6.44
	5044-636-162-140	SCAT50 x SAM16E - 5.5"	5.5	3.425	3.145	20 N-m	ER16	3 ~ 10	8.40
	5044-636-202-140	SCAT50 x SAM20E - 5.5"	5.5	3.425	3.145	20 N-m	ER20	3 ~ 13	8.40
	5044-636-252-140	SCAT50 x SAM25E - 5.5"	5.5	3.425	3.145	20 N-m	ER25	3 ~ 16	8.40
	5044-636-322-140	SCAT50 x SAM32E - 5.5"	5.5	3.228	3.145	20 N-m	ER32	3 ~ 20	8.44
 DualDRIVE+	5066-636-161-137	SDAT40 x SAM16E - 137	137	87	65	20 N-m	ER16	3 ~ 10	6.40
	5066-636-201-137	SDAT40 x SAM20E - 137	137	87	65	20 N-m	ER20	3 ~ 13	6.40
	5066-636-251-137	SDAT40 x SAM25E - 137	137	87	65	20 N-m	ER25	3 ~ 16	6.40
	5066-636-321-137	SDAT40 x SAM32E - 137	137	82	65	20 N-m	ER32	3 ~ 20	6.44
	5067-636-162-140	SDAT50 x SAM16E - 140	140	87	80	20 N-m	ER16	3 ~ 10	8.40
	5067-636-202-140	SDAT50 x SAM20E - 140	140	87	80	20 N-m	ER20	3 ~ 13	8.40
	5067-636-252-140	SDAT50 x SAM25E - 140	140	87	80	20 N-m	ER25	3 ~ 16	8.40
	5067-636-322-140	SDAT50 x SAM32E - 140	140	82	80	20 N-m	ER32	3 ~ 20	8.44

Product information:
- Gear ratio 1:1.
- Max. revolution: 4000rpm.
- Suggested Ap ≤ 2mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

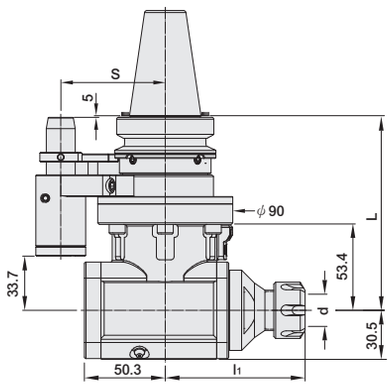
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

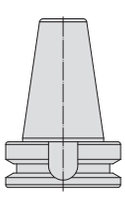
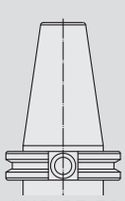
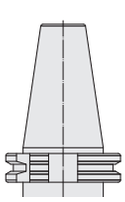
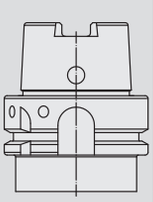
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (ER TYPE)



台灣精品 2009 TAIWAN EXCELLENCE

WITHOUT COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 MAS 403	5011-679-161-120	BT40 x SAM16EX - 120	120	87	65	20 N-m	ER16	3 ~10	5.20
	5011-679-201-120	BT40 x SAM20EX - 120	120	87	65	20 N-m	ER20	3 ~13	5.20
	5011-679-251-120	BT40 x SAM25EX - 120	120	87	65	20 N-m	ER25	3 ~16	5.20
	5011-679-321-120	BT40 x SAM32EX - 120	120	82	65	20 N-m	ER32	3 ~20	7.76
	5012-679-162-135	BT50 x SAM16EX - 135	135	87	80	20 N-m	ER16	3 ~10	6.30
	5012-679-202-135	BT50 x SAM20EX - 135	135	87	80	20 N-m	ER20	3 ~13	6.30
	5012-679-252-135	BT50 x SAM25EX - 135	135	87	80	20 N-m	ER25	3 ~16	6.30
	5012-679-322-135	BT50 x SAM32EX - 135	135	82	80	20 N-m	ER32	3 ~20	8.86
 ANSI B5.50	5031-679-161-136	CAT40 x SAM16EX - 5.372"	5.372	3.425	2.559	20 N-m	ER16	3 ~ 10	5.20
	5031-679-201-136	CAT40 x SAM20EX - 5.372"	5.372	3.425	2.559	20 N-m	ER20	3 ~ 13	5.20
	5031-679-251-136	CAT40 x SAM25EX - 5.372"	5.372	3.425	2.559	20 N-m	ER25	3 ~ 16	5.20
	5031-679-321-136	CAT40 x SAM32EX - 5.372"	5.372	3.228	2.559	20 N-m	ER32	3 ~ 20	7.76
	5032-679-162-140	CAT50 x SAM16EX - 5.5"	5.5	3.425	3.145	20 N-m	ER16	3 ~ 10	6.30
	5032-679-202-140	CAT50 x SAM20EX - 5.5"	5.5	3.425	3.145	20 N-m	ER20	3 ~ 13	6.30
	5032-679-252-140	CAT50 x SAM25EX - 5.5"	5.5	3.425	3.145	20 N-m	ER25	3 ~ 16	6.30
	5032-679-322-140	CAT50 x SAM32EX - 5.5"	5.5	3.228	3.145	20 N-m	ER32	3 ~ 20	8.86
 DIN 69871-A	5051-679-161-137	DAT40 x SAM16EX - 137	137	87	65	20 N-m	ER16	3 ~ 10	5.20
	5051-679-201-137	DAT40 x SAM20EX - 137	137	87	65	20 N-m	ER20	3 ~ 13	5.20
	5051-679-251-137	DAT40 x SAM25EX - 137	137	87	65	20 N-m	ER25	3 ~ 16	5.20
	5051-679-321-137	DAT40 x SAM32EX - 137	137	82	65	20 N-m	ER32	3 ~ 20	7.76
	5052-679-162-140	DAT50 x SAM16EX - 140	140	87	80	20 N-m	ER16	3 ~ 10	6.30
	5052-679-202-140	DAT50 x SAM20EX - 140	140	87	80	20 N-m	ER20	3 ~ 13	6.30
	5052-679-252-140	DAT50 x SAM25EX - 140	140	87	80	20 N-m	ER25	3 ~ 16	6.30
	5052-679-322-140	DAT50 x SAM32EX - 140	140	82	80	20 N-m	ER32	3 ~ 20	8.86
 DIN 69893 A	5073-679-161-145	HSK63A x SAM16EX - 145	145	87	65	20 N-m	ER16	3 ~ 10	6.40
	5073-679-201-145	HSK63A x SAM20EX - 145	145	87	65	20 N-m	ER20	3 ~ 13	6.40
	5073-679-251-145	HSK63A x SAM25EX - 145	145	87	65	20 N-m	ER25	3 ~ 16	6.40
	5073-679-321-145	HSK63A x SAM32EX - 145	145	82	65	20 N-m	ER32	3 ~ 20	6.44
	5075-679-162-150	HSK100A x SAM16EX - 150	150	87	80	20 N-m	ER16	3 ~ 10	8.40
	5075-679-202-150	HSK100A x SAM20EX - 150	150	87	80	20 N-m	ER20	3 ~ 13	8.40
	5075-679-252-150	HSK100A x SAM25EX - 150	150	87	80	20 N-m	ER25	3 ~ 16	8.40
	5075-679-322-150	HSK100A x SAM32EX - 150	150	82	80	20 N-m	ER32	3 ~ 20	8.44

Product information: ▸ Gear ratio 1:1. ▸ Max. revolution: 4000rpm. ▸ Suggested Ap ≤ 2mm.
▸ Rotating direction opposite to machine spindle.
▸ Can be used for ATC.

Reminder:
▸ Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
▸ Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

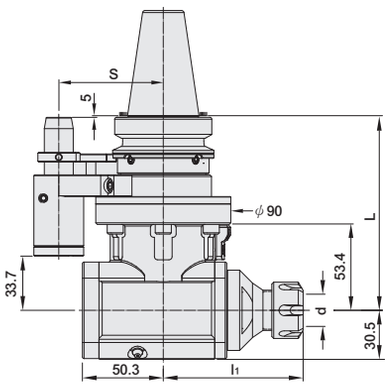
Optional Fixed Block

P.S-37~38

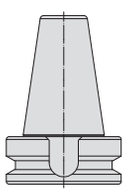
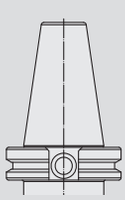
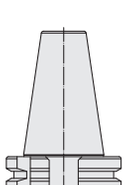
SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (ER TYPE)

台灣精品2009 TAIWAN EXCELLENCE



WITHOUT COOLANT SYSTEM

SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	COLLET	d SIZE RANGE	WEIGHT (KGS)
 DualDRIVE+	5026-679-161-120	SBT40 x SAM16EX - 120	120	87	65	20 N-m	ER16	3 ~ 10	5.20
	5026-679-201-120	SBT40 x SAM20EX - 120	120	87	65	20 N-m	ER20	3 ~ 13	5.20
	5026-679-251-120	SBT40 x SAM25EX - 120	120	87	65	20 N-m	ER25	3 ~ 16	5.20
	5026-679-321-120	SBT40 x SAM32EX - 120	120	82	65	20 N-m	ER32	3 ~ 20	7.76
	5027-679-162-135	SBT50 x SAM16EX - 135	135	87	80	20 N-m	ER16	3 ~ 10	6.30
	5027-679-202-135	SBT50 x SAM20EX - 135	135	87	80	20 N-m	ER20	3 ~ 13	6.30
	5027-679-252-135	SBT50 x SAM25EX - 135	135	87	80	20 N-m	ER25	3 ~ 16	6.30
	5027-679-322-135	SBT50 x SAM32EX - 135	135	82	80	20 N-m	ER32	3 ~ 20	8.86
 DualDRIVE+	5043-679-161-136	SCAT40 x SAM16EX - 5.372"	5.372	3.425	2.559	20 N-m	ER16	3 ~ 10	5.20
	5043-679-201-136	SCAT40 x SAM20EX - 5.372"	5.372	3.425	2.559	20 N-m	ER20	3 ~ 13	5.20
	5043-679-251-136	SCAT40 x SAM25EX - 5.372"	5.372	3.425	2.559	20 N-m	ER25	3 ~ 16	5.20
	5043-679-321-136	SCAT40 x SAM32EX - 5.372"	5.372	3.228	2.559	20 N-m	ER32	3 ~ 20	7.76
	5044-679-162-140	SCAT50 x SAM16EX - 5.5"	5.5	3.425	3.145	20 N-m	ER16	3 ~ 10	6.30
	5044-679-202-140	SCAT50 x SAM20EX - 5.5"	5.5	3.425	3.145	20 N-m	ER20	3 ~ 13	6.30
	5044-679-252-140	SCAT50 x SAM25EX - 5.5"	5.5	3.425	3.145	20 N-m	ER25	3 ~ 16	6.30
	5044-679-322-140	SCAT50 x SAM32EX - 5.5"	5.5	3.228	3.145	20 N-m	ER32	3 ~ 20	8.86
 DualDRIVE+	5066-679-161-137	SDAT40 x SAM16EX - 137	137	87	65	20 N-m	ER16	3 ~ 10	5.20
	5066-679-201-137	SDAT40 x SAM20EX - 137	137	87	65	20 N-m	ER20	3 ~ 13	5.20
	5066-679-251-137	SDAT40 x SAM25EX - 137	137	87	65	20 N-m	ER25	3 ~ 16	5.20
	5066-679-321-137	SDAT40 x SAM32EX - 137	137	82	65	20 N-m	ER32	3 ~ 20	7.76
	5067-679-162-140	SDAT50 x SAM16EX - 140	140	87	80	20 N-m	ER16	3 ~ 10	6.30
	5067-679-202-140	SDAT50 x SAM20EX - 140	140	87	80	20 N-m	ER20	3 ~ 13	6.30
	5067-679-252-140	SDAT50 x SAM25EX - 140	140	87	80	20 N-m	ER25	3 ~ 16	6.30
	5067-679-322-140	SDAT50 x SAM32EX - 140	140	82	80	20 N-m	ER32	3~ 20	8.86

Product information:
- Gear ratio 1:1.
- Max. revolution: 4000rpm.
- Suggested Ap ≤ 2mm.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

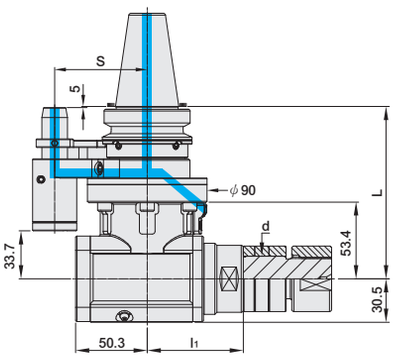
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (SCA TYPE)



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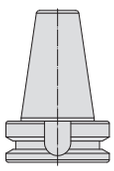
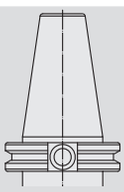
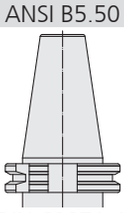
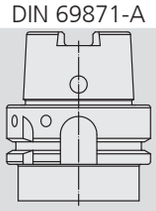
SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	d	WEIGHT (KGS)
 MAS 403	5011-637-A641-472	BT40 x SAM25.4SC - 120	120	67.5	65	20 N-m	25.4	6.40
	5011-637-A721-472	BT40 x SAM31.75SC - 120	120	67.5	65	20 N-m	31.75	6.40
	5012-637-A642-531	BT50 x SAM25.4SC - 135	135	67.5	80	20 N-m	25.4	6.44
	5012-637-A722-531	BT50 x SAM31.75SC - 135	135	67.5	80	20 N-m	31.75	6.44
 ANSI B5.50	5031-637-A641-537	CAT40 x SAM1''SC - 5.372''	5.372	67.5	2.559	20 N-m	1	6.40
	5031-637-A721-537	CAT40 x SAM1-1/4''SC - 5.372''	5.372	67.5	2.559	20 N-m	1-1/4	6.40
	5032-637-A642-550	CAT50 x SAM1''SC - 5.5''	5.5	67.5	3.145	20 N-m	1	6.44
	5032-637-A722-550	CAT50 x SAM1-1/4''SC - 5.5''	5.5	67.5	3.145	20 N-m	1-1/4	6.44
 DIN 69871-A	5051-637-A641-539	DAT40 x SAM25.4SC - 137	137	67.5	65	20 N-m	25.4	6.40
	5051-637-A721-539	DAT40 x SAM31.75SC - 137	137	67.5	65	20 N-m	31.75	6.40
	5052-637-A642-551	DAT50 x SAM25.4SC - 140	140	67.5	80	20 N-m	25.4	6.44
	5052-637-A722-551	DAT50 x SAM31.75SC - 140	140	67.5	80	20 N-m	31.75	6.44
 DIN 69893 A	5073-637-A641-571	HSK63A x SAM25.4SC - 145	145	67.5	65	20 N-m	25.4	8.40
	5073-637-A721-571	HSK63A x SAM31.75SC - 145	145	67.5	65	20 N-m	31.75	8.40
	5075-637-A642-591	HSK100A x SAM25.4SC - 150	150	67.5	80	20 N-m	25.4	8.40
	5075-637-A722-591	HSK100A x SAM31.75SC - 150	150	67.5	80	20 N-m	31.75	8.40

Product information:

- Gear ratio 1:1.
- Max. revolution: 4000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through spindle or dowel pin, coolant outlet from or coolant nozzles.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

Reminder:

- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

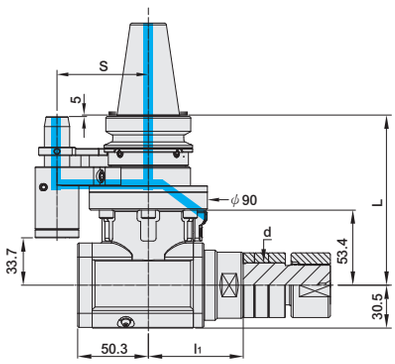
Optional Fixed Block

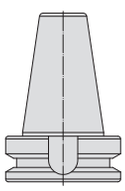
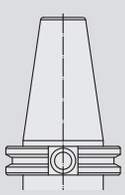
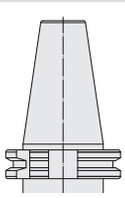
P.S-37~38

SAM ANGLE HEAD HOLDER
FOR LIGHT CUTTING

SAM 小鋼炮銑削頭 (SCA TYPE)

台灣精品 2009 TAIWAN EXCELLENCE



SHANK	MODEL NO.	TYPE	L	l_1	S	TORQUE	d	WEIGHT (KGS)
 DualDRIVE+	5026-637-A641-472	SBT40 x SAM25.4SC - 120	120	67.5	65	20 N-m	25.4	6.40
	5026-637-A721-472	SBT40 x SAM31.75SC - 120	120	67.5	65	20 N-m	31.75	6.40
	5027-637-A642-531	SBT50 x SAM25.4SC - 135	135	67.5	80	20 N-m	25.4	6.44
	5027-637-A722-531	SBT50 x SAM31.75SC - 135	135	67.5	80	20 N-m	31.75	6.44
 DualDRIVE+	5043-637-A641-537	SCAT40 x SAM1''SC - 5.372''	5.372	67.5	2.559	20 N-m	1	6.40
	5043-637-A721-537	SCAT40 x SAM1-1/4''SC - 5.372''	5.372	67.5	2.559	20 N-m	1-1/4	6.40
	5044-637-A642-550	SCAT50 x SAM1''SC - 5.5''	5.5	67.5	3.145	20 N-m	1	6.44
	5044-637-A722-550	SCAT50 x SAM1-1/4''SC - 5.5''	5.5	67.5	3.145	20 N-m	1-1/4	6.44
 DualDRIVE+	5066-637-A641-539	SDAT40 x SAM25.4SC - 137	137	67.5	65	20 N-m	25.4	6.40
	5066-637-A721-539	SDAT40 x SAM31.75SC - 137	137	67.5	65	20 N-m	31.75	6.40
	5067-637-A642-551	SDAT50 x SAM25.4SC - 140	140	67.5	80	20 N-m	25.4	6.44
	5067-637-A722-551	SDAT50 x SAM31.75SC - 140	140	67.5	80	20 N-m	31.75	6.44

Product information:
- Gear ratio 1:1.
- Max. revolution: 4000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through spindle or dowel pin, coolant outlet from or coolant nozzles.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

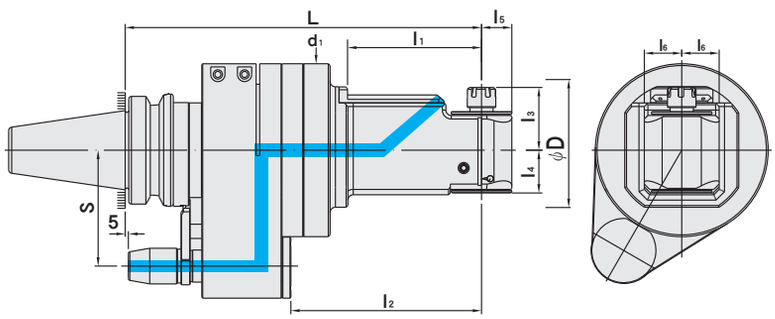
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

SAG ANGLE HEAD HOLDER
SLIM TYPE

BT / SAG 小徑銑削頭 (ER TYPE)



MODEL NO.	TYPE	L	l1	l2	l3	l4	l5	l6	d1	φD	S	TORQUE	COLLET	WEIGHT (KGS)
5011-S40-101-170	BT40 x SAG10S - 170	170	38	77	55.5	45.3	28	31	99	116	65	10N-m	SKS10	5.59
5011-S40-101-200	BT40 x SAG10S - 200	200	68	107	55.5	45.3	28	31	99	116	65	10N-m	SKS10	6.10
5011-S40-101-230	BT40 x SAG10S - 230	230	98	137	55.5	45.3	28	31	99	116	65	10N-m	SKS10	6.60
5011-S40-101-260	BT40 x SAG10S - 260	260	128	167	55.5	45.3	28	31	99	116	65	10N-m	SKS10	7.10
5012-S40-102-185	BT50 x SAG10S - 185	185	38	77	55.5	45.3	28	31	99	116	80	10N-m	SKS10	9.10
5012-S40-102-215	BT50 x SAG10S - 215	215	68	107	55.5	45.3	28	31	99	116	80	10N-m	SKS10	9.50
5012-S40-102-245	BT50 x SAG10S - 245	245	98	137	55.5	45.3	28	31	99	116	80	10N-m	SKS10	9.85
5012-S40-102-275	BT50 x SAG10S - 275	275	128	167	55.5	45.3	28	31	99	116	80	10N-m	SKS10	10.3
5011-S39-111-170	BT40 x SAG11E - 170	170	45.2	77	35.2	24	17	21	99	72	65	10N-m	ER11	5.10
5011-S39-111-200	BT40 x SAG11E - 200	200	75.2	107	35.2	24	17	21	99	72	65	10N-m	ER11	5.30
5011-S39-111-230	BT40 x SAG11E - 230	230	105.2	137	35.2	24	17	21	99	72	65	10N-m	ER11	5.50
5011-S39-111-260	BT40 x SAG11E - 260	260	135.2	167	35.2	24	17	21	99	72	65	10N-m	ER11	5.70
5011-S39-161-170	BT40 x SAG16E - 170	170	38	77	57.1	45.3	28	31	99	120	65	15N-m	ER16	5.50
5011-S39-161-200	BT40 x SAG16E - 200	200	82	107	57.1	45.3	28	31	99	120	65	15N-m	ER16	5.93
5011-S39-161-230	BT40 x SAG16E - 230	230	112	137	57.1	45.3	28	31	99	120	65	15N-m	ER16	6.32
5011-S39-161-260	BT40 x SAG16E - 260	260	142	167	57.1	45.3	28	31	99	120	65	15N-m	ER16	6.72
5011-S39-201-170	BT40 x SAG20E - 170	170	38	77	58.5	45.3	28	31	99	120	65	15N-m	ER20	5.80
5011-S39-201-200	BT40 x SAG20E - 200	200	82	107	58.5	45.3	28	31	99	120	65	15N-m	ER20	5.90
5011-S39-201-230	BT40 x SAG20E - 230	230	112	137	58.5	45.3	28	31	99	120	65	15N-m	ER20	6.60
5011-S39-201-260	BT40 x SAG20E - 260	260	142	167	58.5	45.3	28	31	99	120	65	15N-m	ER20	6.80
5012-S39-162-185	BT50 x SAG16E - 185	185	38	77	57.1	45.3	28	31	99	120	80	15N-m	ER16	9.00
5012-S39-162-215	BT50 x SAG16E - 215	215	82	107	57.1	45.3	28	31	99	120	80	15N-m	ER16	9.41
5012-S39-162-245	BT50 x SAG16E - 245	245	112	137	57.1	45.3	28	31	99	120	80	15N-m	ER16	9.81
5012-S39-162-275	BT50 x SAG16E - 275	275	142	167	57.1	45.3	28	31	99	120	80	15N-m	ER16	10.2
5012-S39-202-185	BT50 x SAG20E - 185	185	38	77	58.5	45.3	28	31	99	120	80	15N-m	ER20	8.90
5012-S39-202-215	BT50 x SAG20E - 215	215	82	107	58.5	45.3	28	31	99	120	80	15N-m	ER20	9.50
5012-S39-202-245	BT50 x SAG20E - 245	245	112	137	58.5	45.3	28	31	99	120	80	15N-m	ER20	9.80
5012-S39-202-275	BT50 x SAG20E - 275	275	142	167	58.5	45.3	28	31	99	120	80	15N-m	ER20	10.9

COLLET	SIZE RANGE
ER11	3 ~ 7
ER16	3 ~ 10
ER20	3 ~ 13
SKS10	3 ~ 10

Product information:
- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

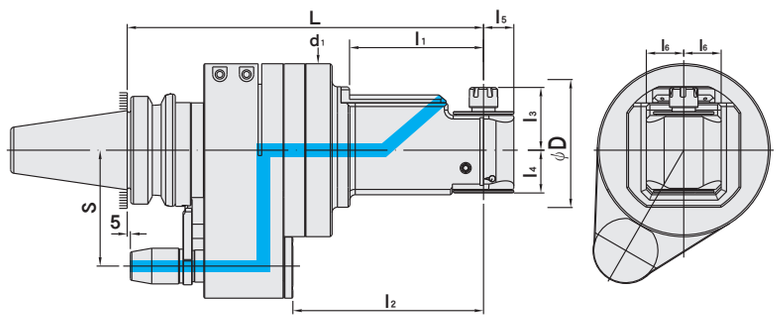
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

SAG ANGLE HEAD HOLDER
SLIM TYPE

BT / SAG 小徑銑削頭 〔SKS TYPE〕



MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	l_5	l_6	d_1	φD	S	TORQUE	COLLET	WEIGHT (KGS)
5011-S40-061-170	BT40 x SAG6S - 170	170	45.2	77	42	24	17	21	99	85	65	10N-m	SKS6	4.80
5011-S40-061-200	BT40 x SAG6S - 200	200	75.2	107	42	24	17	21	99	85	65	10N-m	SKS6	5.10
5011-S40-061-230	BT40 x SAG6S - 230	230	105.2	137	42	24	17	21	99	85	65	10N-m	SKS6	5.30
5011-S40-061-260	BT40 x SAG6S - 260	260	135.2	167	42	24	17	21	99	85	65	10N-m	SKS6	5.52
5011-S40-131-170	BT40 x SAG13S - 170	170	38	77	55.8	45.3	28	31	99	116	65	15N-m	SKS13	5.55
5011-S40-131-200	BT40 x SAG13S - 200	200	82	107	55.8	45.3	28	31	99	116	65	15N-m	SKS13	6.10
5011-S40-131-230	BT40 x SAG13S - 230	230	112	137	55.8	45.3	28	31	99	116	65	15N-m	SKS13	6.36
5011-S40-131-260	BT40 x SAG13S - 260	260	142	167	55.8	45.3	28	31	99	116	65	15N-m	SKS13	6.76
5012-S40-132-185	BT50 x SAG13S - 185	185	38	77	55.8	45.3	28	31	99	116	80	15N-m	SKS13	9.10
5012-S40-132-215	BT50 x SAG13S - 215	215	82	107	55.8	45.3	28	31	99	116	80	15N-m	SKS13	9.45
5012-S40-132-245	BT50 x SAG13S - 245	245	112	137	55.8	45.3	28	31	99	116	80	15N-m	SKS13	9.84
5012-S40-132-275	BT50 x SAG13S - 275	275	142	167	55.8	45.3	28	31	99	116	80	15N-m	SKS13	10.3

COLLET	SIZE RANGE
SKS6	3 ~ 6
SKS13	3 ~ 13

Product information:
- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

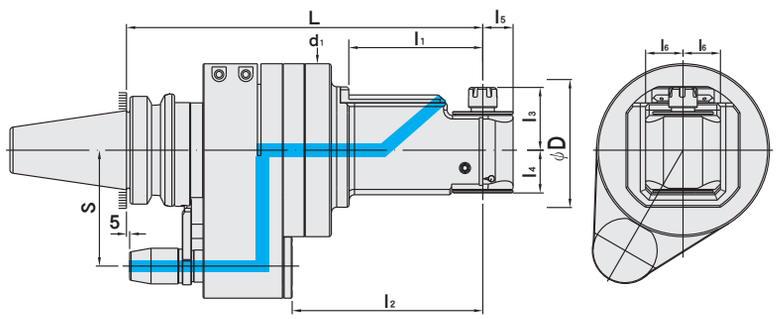
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional
Fixed Block

P.S-37~38

SAG ANGLE HEAD HOLDER
SLIM TYPE

SBT / SAG 小徑銑削頭 (ER TYPE)



MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	l_5	l_6	d_1	ϕD	S	TORQUE	COLLET	WEIGHT (KGS)
5026-S40-061-170	SBT40 x SAG6S - 170	170	45.2	77	42	24	17	21	99	85	65	10N-m	SKS6	4.80
5026-S40-061-200	SBT40 x SAG6S - 200	200	75.2	107	42	24	17	21	99	85	65	10N-m	SKS6	5.10
5026-S40-061-230	SBT40 x SAG6S - 230	230	105.2	137	42	24	17	21	99	85	65	10N-m	SKS6	5.30
5026-S40-061-260	SBT40 x SAG6S - 260	260	135.2	167	42	24	17	21	99	85	65	10N-m	SKS6	5.52
5026-S40-101-170	SBT40 x SAG10S - 170	170	38	77	55.5	45.3	28	31	99	116	65	10N-m	SKS10	5.59
5026-S40-101-200	SBT40 x SAG10S - 200	200	68	107	55.5	45.3	28	31	99	116	65	10N-m	SKS10	6.10
5026-S40-101-230	SBT40 x SAG10S - 230	230	98	137	55.5	45.3	28	31	99	116	65	10N-m	SKS10	6.60
5026-S40-101-260	SBT40 x SAG10S - 260	260	128	167	55.5	45.3	28	31	99	116	65	10N-m	SKS10	7.10
5026-S40-131-170	SBT40 x SAG13S - 170	170	38	77	55.8	45.3	28	31	99	116	65	15N-m	SKS13	5.55
5026-S40-131-200	SBT40 x SAG13S - 200	200	82	107	55.8	45.3	28	31	99	116	65	15N-m	SKS13	6.10
5026-S40-131-230	SBT40 x SAG13S - 230	230	112	137	55.8	45.3	28	31	99	116	65	15N-m	SKS13	6.36
5026-S40-131-260	SBT40 x SAG13S - 260	260	142	167	55.8	45.3	28	31	99	116	65	15N-m	SKS13	6.76
5026-S39-111-170	SBT40 x SAG11E - 170	170	45.2	77	35.2	24	17	21	99	72	65	10N-m	ER11	5.10
5026-S39-111-200	SBT40 x SAG11E - 200	200	75.2	107	35.2	24	17	21	99	72	65	10N-m	ER11	5.30
5026-S39-111-230	SBT40 x SAG11E - 230	230	105.2	137	35.2	24	17	21	99	72	65	10N-m	ER11	5.50
5026-S39-111-260	SBT40 x SAG11E - 260	260	135.2	167	35.2	24	17	21	99	72	65	10N-m	ER11	5.70
5026-S39-161-170	SBT40 x SAG16E - 170	170	38	77	57.1	45.3	28	31	99	120	65	15N-m	ER16	5.50
5026-S39-161-200	SBT40 x SAG16E - 200	200	82	107	57.1	45.3	28	31	99	120	65	15N-m	ER16	5.93
5026-S39-161-230	SBT40 x SAG16E - 230	230	112	137	57.1	45.3	28	31	99	120	65	15N-m	ER16	6.32
5026-S39-161-260	SBT40 x SAG16E - 260	260	142	167	57.1	45.3	28	31	99	120	65	15N-m	ER16	6.72
5026-S39-201-170	SBT40 x SAG20E - 170	170	38	77	58.5	45.3	28	31	99	120	65	15N-m	ER20	5.80
5026-S39-201-200	SBT40 x SAG20E - 200	200	82	107	58.5	45.3	28	31	99	120	65	15N-m	ER20	5.90
5026-S39-201-230	SBT40 x SAG20E - 230	230	112	137	58.5	45.3	28	31	99	120	65	15N-m	ER20	6.60
5026-S39-201-260	SBT40 x SAG20E - 260	260	142	167	58.5	45.3	28	31	99	120	65	15N-m	ER20	6.80

COLLET	SIZE RANGE
SKS6	3 ~ 6
SKS10	3 ~ 10
SKS13	3 ~ 13
ER11	3 ~ 7
ER16	3 ~ 10
ER20	3 ~ 13

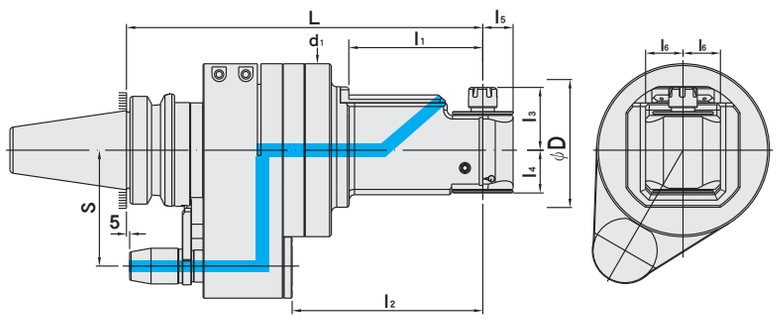
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional Fixed Block

P.S-37~38

SAG ANGLE HEAD HOLDER
SLIM TYPE

SBT / SAG 小徑銑削頭 (SKS TYPE)



MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	l_5	l_6	d_1	ϕ D	S	TORQUE	COLLET	WEIGHT (KGS)
5027-S39-162-185	SBT50 x SAG16E - 185	185	38	77	57.1	45.3	28	31	99	120	80	15N-m	ER16	9.00
5027-S39-162-215	SBT50 x SAG16E - 215	215	82	107	57.1	45.3	28	31	99	120	80	15N-m	ER16	9.41
5027-S39-162-245	SBT50 x SAG16E - 245	245	112	137	57.1	45.3	28	31	99	120	80	15N-m	ER16	9.81
5027-S39-162-275	SBT50 x SAG16E - 275	275	142	167	57.1	45.3	28	31	99	120	80	15N-m	ER16	10.2
5027-S39-202-185	SBT50 x SAG20E - 185	185	38	77	58.5	45.3	28	31	99	120	80	15N-m	ER20	8.90
5027-S39-202-215	SBT50 x SAG20E - 215	215	82	107	58.5	45.3	28	31	99	120	80	15N-m	ER20	9.50
5027-S39-202-245	SBT50 x SAG20E - 245	245	112	137	58.5	45.3	28	31	99	120	80	15N-m	ER20	9.80
5027-S39-202-275	SBT50 x SAG20E - 275	275	142	167	58.5	45.3	28	31	99	120	80	15N-m	ER20	10.9
5027-S40-102-185	SBT50 x SAG10S - 185	185	38	77	55.5	45.3	28	31	99	116	80	10N-m	SKS10	9.10
5027-S40-102-215	SBT50 x SAG10S - 215	215	68	107	55.5	45.3	28	31	99	116	80	10N-m	SKS10	9.50
5027-S40-102-245	SBT50 x SAG10S - 245	245	98	137	55.5	45.3	28	31	99	116	80	10N-m	SKS10	9.85
5027-S40-102-275	SBT50 x SAG10S - 275	275	128	167	55.5	45.3	28	31	99	116	80	10N-m	SKS10	10.3
5027-S40-132-185	SBT50 x SAG13S - 185	185	38	77	55.8	45.3	28	31	99	116	80	15N-m	SKS13	9.10
5027-S40-132-215	SBT50 x SAG13S - 215	215	82	107	55.8	45.3	28	31	99	116	80	15N-m	SKS13	9.45
5027-S40-132-245	SBT50 x SAG13S - 245	245	112	137	55.8	45.3	28	31	99	116	80	15N-m	SKS13	9.84
5027-S40-132-275	SBT50 x SAG13S - 275	275	142	167	55.8	45.3	28	31	99	116	80	15N-m	SKS13	10.3

COLLET	SIZE RANGE
ER11	3 ~ 7
ER16	3 ~ 10
SKS10	3 ~ 10
SKS13	3 ~ 13

Product information:
- Gear ratio 1:1.
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm.
- Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm^2(100PSI).
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

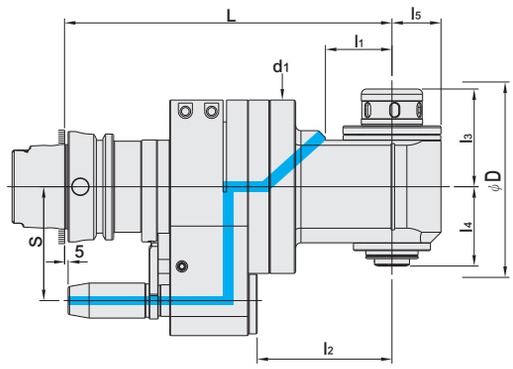
Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

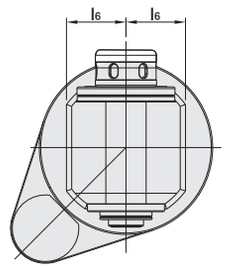
Optional Fixed Block

P.S-37~38

SAG ANGLE HEAD HOLDER
SLIM TYPE

HSK / SAG 小徑銑削頭





MODEL NO.	TYPE	L	l_1	l_2	l_3	l_4	l_5	l_6	d_1	ϕD	S	TORQUE	COLLET	WEIGHT (KGS)
5073-S39-111-185	HSK63A x SAG11E - 185	185	45.2	77	35.2	24	17	21	99	72	65	10N-m	ER11	5.52
5073-S39-111-215	HSK63A x SAG11E - 215	215	75.2	107	35.2	24	17	21	99	72	65	10N-m	ER11	5.95
5073-S39-111-245	HSK63A x SAG11E - 245	245	105.2	137	35.2	24	17	21	99	72	65	10N-m	ER11	6.35
5073-S39-111-275	HSK63A x SAG11E - 275	275	135.2	167	35.2	24	17	21	99	72	65	10N-m	ER11	6.73
5073-S39-161-185	HSK63A x SAG16E - 185	185	38	77	57.1	45.3	17	21	97	120	65	15N-m	ER16	5.50
5073-S39-161-215	HSK63A x SAG16E - 215	215	82	107	57.1	45.3	17	21	97	120	65	15N-m	ER16	5.93
5073-S39-161-245	HSK63A x SAG16E - 245	245	112	137	57.1	45.3	17	21	97	120	65	15N-m	ER16	6.32
5073-S39-161-275	HSK63A x SAG16E - 275	275	142	167	57.1	45.3	17	21	97	120	65	15N-m	ER16	6.72
5073-S39-201-185	HSK63A x SAG20E - 185	185	38	77	58.5	45.3	17	21	97	120	65	15N-m	ER20	5.37
5073-S39-201-215	HSK63A x SAG20E - 215	215	82	107	58.5	45.3	17	21	97	120	65	15N-m	ER20	5.81
5073-S39-201-245	HSK63A x SAG20E - 245	245	112	137	58.5	45.3	17	21	97	120	65	15N-m	ER20	6.21
5073-S39-201-275	HSK63A x SAG20E - 275	275	142	167	58.5	45.3	17	21	97	120	65	15N-m	ER20	6.60
5073-S40-061-185	HSK63A x SAG6S - 185	185	45.2	77	42	24	17	21	99	85	65	10N-m	SKS6	5.55
5073-S40-061-215	HSK63A x SAG6S - 215	215	75.2	107	42	24	17	21	99	85	65	10N-m	SKS6	6.10
5073-S40-061-245	HSK63A x SAG6S - 245	245	105.2	137	42	24	17	21	99	85	65	10N-m	SKS6	6.36
5073-S40-061-275	HSK63A x SAG6S - 275	275	135.2	167	42	24	17	21	99	85	65	10N-m	SKS6	6.76
5073-S40-131-185	HSK63A x SAG13S - 185	185	38	77	55.8	45.3	17	21	97	116	65	15N-m	SKS13	5.52
5073-S40-131-215	HSK63A x SAG13S - 215	215	82	107	55.8	45.3	17	21	97	116	65	15N-m	SKS13	5.95
5073-S40-131-245	HSK63A x SAG13S - 245	245	112	137	55.8	45.3	17	21	97	116	65	15N-m	SKS13	6.35
5073-S40-131-275	HSK63A x SAG13S - 275	275	142	167	55.8	45.3	17	21	97	116	65	15N-m	SKS13	6.73

COLLET	SIZE RANGE
ER11	3 ~ 7
ER16	3 ~ 10
ER20	3 ~ 13
SKS6	3 ~ 6
SKS13	3 ~ 13

Product information:

- Gear ratio 1:1. ▸ Max. revolution: 6000rpm.
- Suggested Ap ≤ 2mm. ▸ Coolant feed through dowel pin, coolant outlet from 2 coolant holes.
- Max. water pressure: 7kgf/cm^2(100PSI). ▸ Rotating direction opposite to machine spindle.
- Can be used for ATC.

Reminder:

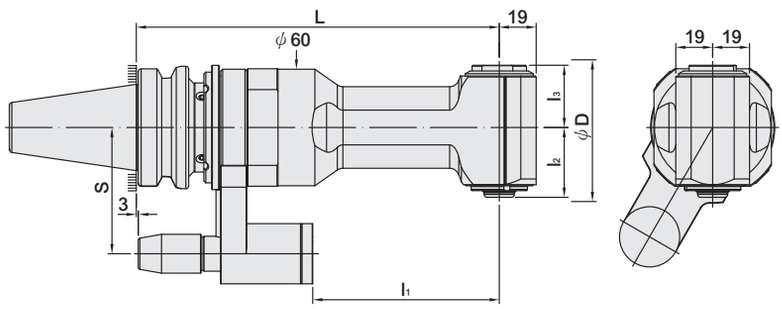
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

Optional
Fixed Block

P.S-37~38

SAD ANGLE HEAD HOLDER
SLIM TYPE

SAD 小徑銑削頭



SHANK	MODEL NO.	TYPE	L	l_1	l_2	l_3	ϕD	S	TORQUE	COLLET	SIZE RANGE	WEIGHT (KGS)
DaulDRIVE+	5025-791-084-130	SBT30 x SAD8B - 130	130	74.6	36	32.5	76	55	10N-m	EBL8	3~8	2.60
	5025-791-084-182	SBT30 x SAD8B - 182	182	96.1	36	32.5	76	55	10N-m	EBL8	3~8	3.00
	5026-791-081-135	SBT40 x SAD8B - 135	135	74.6	36	32.5	76	65	10N-m	EBL8	3~8	3.40
	5026-791-081-187	SBT40 x SAD8B - 187	187	96.1	36	32.5	76	65	10N-m	EBL8	3~8	3.70
	5025-S41-104-130	SBT30 x SAD10S - 130	130	74.6	34	54.5	115	55	10N-m	SKS10	3~10	2.66
	5025-S41-104-182	SBT30 x SAD10S - 182	182	96.1	34	54.5	115	55	10N-m	SKS10	3~10	3.10
	5026-S41-101-135	SBT40 x SAD10S - 135	135	74.6	34	54.5	115	65	10N-m	SKS10	3~10	3.50
	5026-S41-101-187	SBT40 x SAD10S - 187	187	96.1	34	54.5	115	65	10N-m	SKS10	3~10	3.75
DIN 69893 A	5073-S41-081-195	HSK63A x SAD8B - 195	195	74.6	36	32.5	76	65	10N-m	EBL8	3~8	3.50
	5073-S41-101-195	HSK63A x SAD10S - 195	195	96.1	34	54.5	115	65	10N-m	SKS10	3~10	3.80

Product information:
- Max. revolution: 6000rpm.
- Suggested Ap ≤ 1.5mm.
- Slim design, for deep hole machining.
- For drilling, tapping & light milling.
- For tapping centers.
- Internal coolant not available.
- Rotating direction opposite to machine spindle.
- Can be used for ATC.

Reminder:
- Fixed blocks are necessary for installing angle head on the machine [P.S-37~38].
- Fixed blocks are varied by different machine designs. Please confirm the detailed dimensions when ordering.

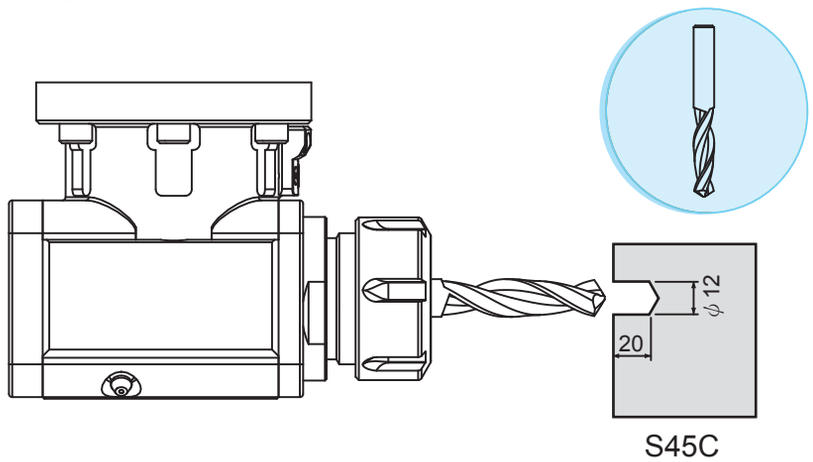
Optional Fixed Block

P.S-37~38

CUTTING CONDITIONS

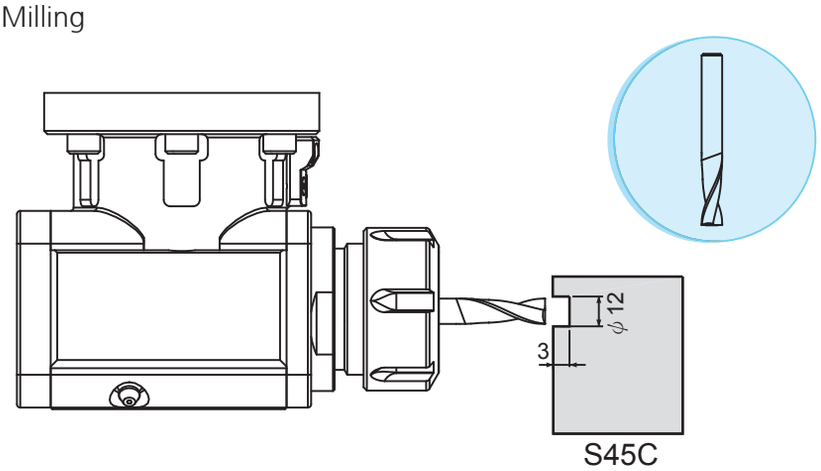
切削數據

Drilling



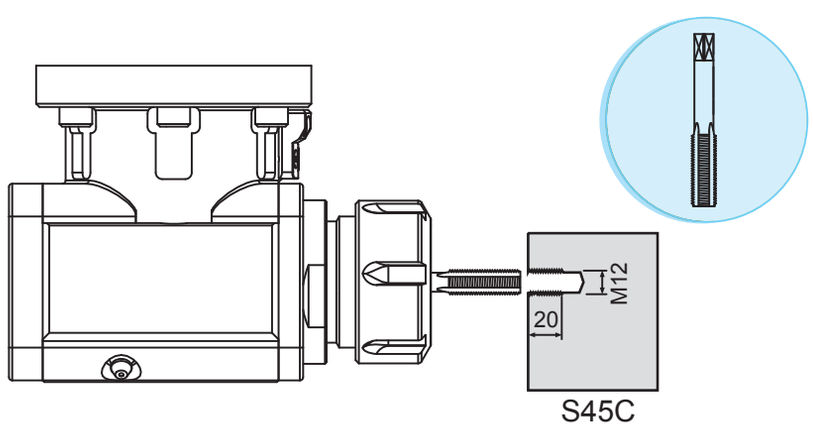
SAC	N: 1100 min^{-1} F: 120 mm/min V: 35.5 m/min Max. Torque: 25 N-m
SAM	N: 670 min^{-1} F: 80 mm/min V: 25.5 m/min Max. Torque: 20 N-m

Milling



SAC	N: 500 min^{-1} F: 150 mm/min V: 18.8 m/min Max. Torque: 20 N-m

Tapping

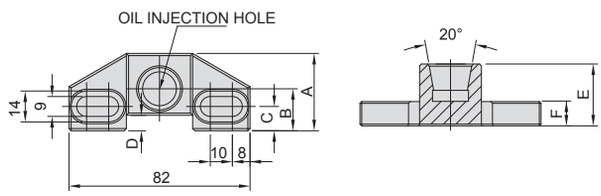


SAC	N: 200 min^{-1} F: 350 mm/min V: 7.53 m/min Max. Torque: 25 N-m
SAM	N: 200 min^{-1} F: 350 mm/min V: 7.53 m/min Max. Torque: 20 N-m

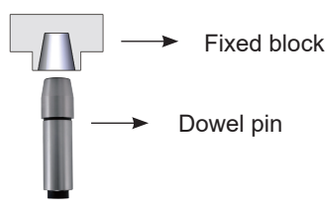
FIXED BLOCK

ONE PIECE TYPE

定位塊



MODEL NO.	TYPE	NAME	A	B	C	D	E	F	WEIGHT (KGS)
5350-673-040-00	SFT - 40	#40 FIXED BLOCK (Taper Type)	40	18.5	10	5	30	13	0.30
5350-673-050-00	SFT - 50	#50 FIXED BLOCK (Taper Type)	34	19	11	7	35	15	0.32



Features:

- Fixed block must be purchased according to the type of dowel pin.
- Fixed block can be installed on the spindle but must be fixed on the machine well.
  Otherwise, it is a threat for ATC tool change arm. Installation way changes with different machines. Please confirm with your machine supplier about correct installation way.

FIXED BLOCK

COMBINATION TYPE

組合式定位塊

Fig.1

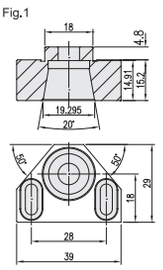


Fig.2

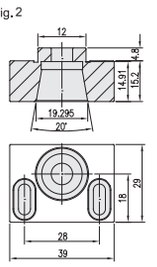


Fig.3

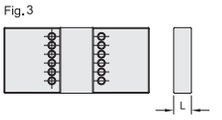


Fig.4

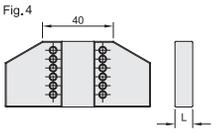


Fig.5

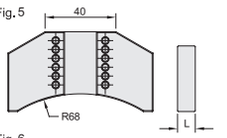
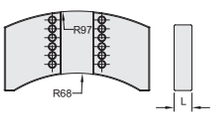


Fig.6

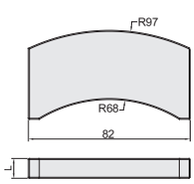


T W PAT NO. M417219
CN PAT NO. ZL201120289100.2

SFO－A－1－10

- THICKNESS OF THE BOTTOM SEAT
- BOTTOM SEAT (Fig.2): TYPE:1, TYPE:2, TYPE:3, TYPE:4
- UPPER SEAT (Fig.1): A, B

TYPE	UPPER SEAT		BOTTOM SEAT		
	TYPE	Fig.	TYPE	Fig.	L
5350-771-010-00	SFO-A	1	SFO-1-10	3	10
5350-771-015-00	SFO-A	1	SFO-1-15	3	15
5350-771-010-01	SFO-A	1	SFO-2-10	4	10
5350-771-015-01	SFO-A	1	SFO-2-15	4	15
5350-771-010-02	SFO-A	1	SFO-3-10	5	10
5350-771-015-02	SFO-A	1	SFO-3-15	5	15
5350-771-010-03	SFO-A	1	SFO-4-10	6	10
5350-771-015-03	SFO-A	1	SFO-4-15	6	15
5350-772-010-00	SFO-B	2	SFO-1-10	3	10
5350-772-015-00	SFO-B	2	SFO-1-15	3	15
5350-772-010-01	SFO-B	2	SFO-2-10	4	10
5350-772-015-01	SFO-B	2	SFO-2-15	4	15
5350-772-010-02	SFO-B	2	SFO-3-10	5	10
5350-772-015-02	SFO-B	2	SFO-3-15	5	15
5350-772-010-03	SFO-B	2	SFO-4-10	6	10
5350-772-015-03	SFO-B	2	SFO-4-15	6	15



TYPE	L	TYPE	L
5350-622-005-00	5	SFD-4-20	20
5350-622-010-00	10	SFD-4-25	25
5350-622-015-00	15		

Product information:

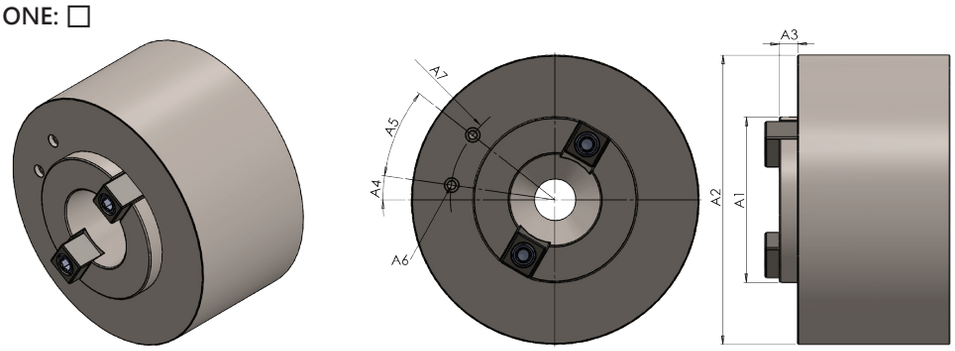
- If the height of the fixed block needs to be added, adjustable pads need to be purchased additionally.

REFERENCE DRAWING OF SPINDLE FIXED BLOCK

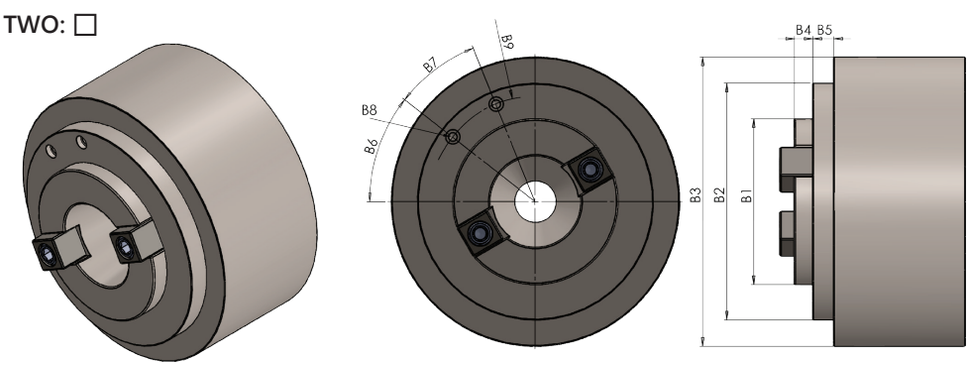
主軸定位塊參考圖

- When ordering custom-made products, please notice the distance variation between the spindle center and fixed block center hole, as well as indicate the size and position of fixed screw hole on your machine spindle flange.
- Before placing purchase order, please offer the related dimensions in detail by filling out the form and you could contact us via e-mail, telephone or fax.

TYPE ONE: ☐



TYPE TWO: ☐



UNIT: mm

TYPE ONE: ☐				TYPE TWO: ☐			
The brand of machine				The brand of machine			
The model of machine				The model of machine			
A1		A5		B1		B6	
A2		A6		B2		B7	
A3		A7		B3		B8	
A4		S		B4		B9	
				B5		S	

Reminder:

- "S" is the distance between the center of the dowel pin to center of the spindle.