

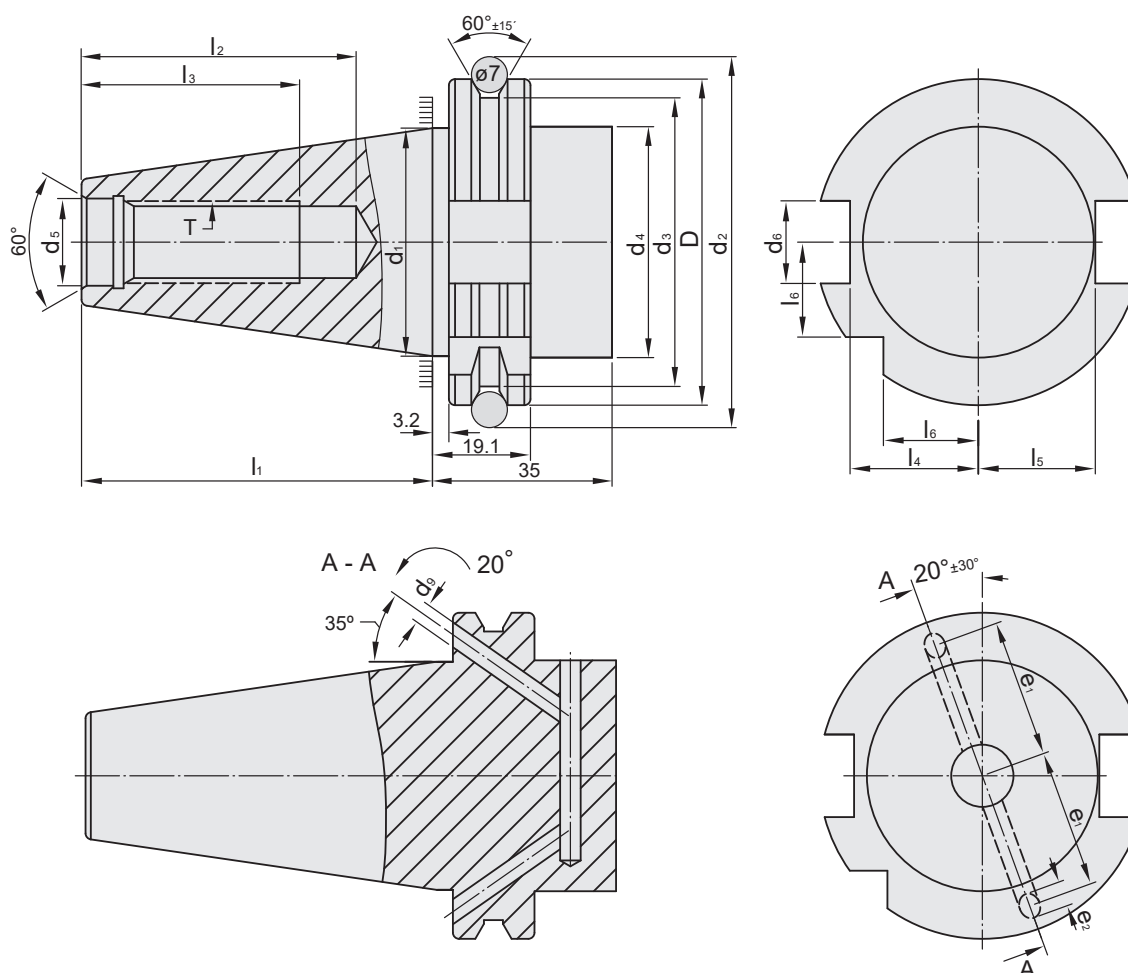
DAT CATEGORY

ISO 7388-1 & DIN 69871 - A

UT COLLET CHUCK	C-3~4
ER TOOL HOLDER	C-5~7
ER TOOL HOLDER [M TYPE]	C-8~9
SK3 COLLET CHUCK	C-10~11
SBL SLIM-FIT COLLET CHUCK	C-12
SBLC SLIM-FIT COLLET CHUCK	C-13
EBL SLIM-FIT COLLET CHUCK	C-14
EBLC SLIM-FIT COLLET CHUCK	C-15
HBL SLIM-FIT COLLET CHUCK	C-16
MLD MULTI-LOCK MILLING CHUCK	C-17
EOC TOOL HOLDER	C-18
TG TOOL HOLDER	C-19
SAF RUNOUT ADJUSTABLE HOLDER	C-20~23
SLN SIDE LOCK END MILL HOLDER	C-24
FACE MILL ARBOR [FMB TYPE]	C-25~26
FACE MILL ARBOR [FMC TYPE]	C-27
STA SYNCHRONIZED TAPPING HOLDER	C-28~29
CSR COMBI SHELL END MILL ARBOR	C-30
SPH DRILL CHUCK ADAPTER	C-31
SPU DRILL CHUCK ADAPTER	C-32
EXPANSION ER TAPPER	C-33
SIDE LOCK OIL HOLE HOLDER	C-34
OHER OIL HOLE COLLET CHUCK	C-35
SOM SCREWED END MILL HOLDER	C-36
MORSE TAPER ADAPTER	C-37
ADAPTER	C-38
BLANK	C-39

REFERENCE DETAILS

- ▶ Shank body standard : **ISO 7388-1 & DIN 69871-A**
- ▶ Hardness > **HRC 56°**
- ▶ Roundness < **0.8 μm**
- ▶ The shank has pre-balance at G6.3, and can provide precision balance at G2.5. It can be ordered by request.
- ▶ Taper tolerance < **AT3**
- ▶ Surface roughness: Ra < **0.25 μm**
- ▶ Carbon depth > **0.8mm**



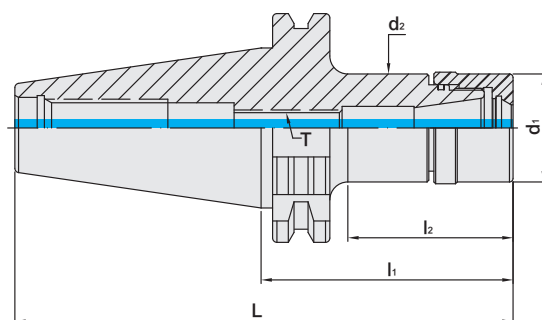
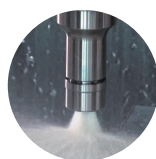
DAT	D 0 -0.1	d ₁	d ₂ ±0.05	d ₃ 0 -0.5	d ₄ max	d ₅ H7	d ₆ H12	d ₉	l ₁ 0 -0.3
30	50	31.75	59.30	44.30	45	13	16.1	4	47.8
40	63.55	44.45	72.30	56.25	50	17	16.1	4	68.4
50	97.50	69.85	107.25	91.25	80	25	25.7	6	101.75
DAT	l ₂ min	l ₃ min	l ₄ 0 -0.3	l ₅ 0 -0.3	l ₆ 0 -0.3	e ₁ ±0.1	e ₂ max	T	
30	33.5	24	18.8	16.3	15	21	5	M12	
40	42.5	32	25	22.7	18.5	27	5	M16	
50	61.5	47	37.7	35.5	30	42	7	M24	

DAT / UT COLLET CHUCK

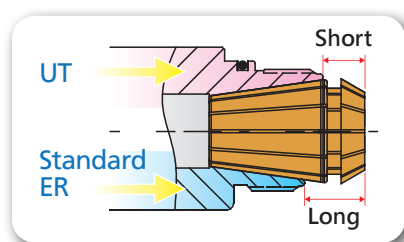
DAT



DAT / UT 立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5050-753-016-070	DAT30 x UT16 - 70	117.8	70	45.9	30	30	M10 x 1.5P	1 ~ 10	0.58
5050-753-016-100	DAT30 x UT16 - 100	147.8	100	75.9	30	30	M10 x 1.5P	1 ~ 10	0.72
5050-753-016-125	DAT30 x UT16 - 125	172.8	125	100.9	30	30	M10 x 1.5P	1 ~ 10	0.84
5050-753-016-150	DAT30 x UT16 - 150	197.8	150	125.9	30	30	M10 x 1.5P	1 ~ 10	0.97
5050-753-020-070	DAT30 x UT20 - 70	117.8	70	47.9	35	36	M12 x 1.75P	1 ~ 13	0.64
5050-753-020-100	DAT30 x UT20 - 100	147.8	100	77.9	35	36	M12 x 1.75P	1 ~ 13	0.85
5050-753-020-125	DAT30 x UT20 - 125	172.8	125	102.9	35	36	M12 x 1.75P	1 ~ 13	1.03
5050-753-020-150	DAT30 x UT20 - 150	197.8	150	127.9	35	36	M12 x 1.75P	1 ~ 13	1.22
5050-753-025-070	DAT30 x UT25 - 70	117.8	70	49.9	42	42	M16 x 2.0P	1 ~ 16	0.69
5050-753-025-100	DAT30 x UT25 - 100	147.8	100	79.9	42	42	M16 x 2.0P	1 ~ 16	1.00
5050-753-025-150	DAT30 x UT25 - 150	197.8	150	129.9	42	42	M16 x 2.0P	1 ~ 16	1.53
5050-753-032-070	DAT30 x UT32 - 70	117.8	70	50.1	48	45	M16 x 2.0P	2 ~ 20	0.69
5050-753-032-100	DAT30 x UT32 - 100	147.8	100	80.1	48	48	M16 x 2.0P	2 ~ 20	1.09
5050-753-032-125	DAT30 x UT32 - 125	172.8	125	105.1	48	48	M16 x 2.0P	2 ~ 20	1.42
5050-753-032-150	DAT30 x UT32 - 150	197.8	150	130.1	48	48	M16 x 2.0P	2 ~ 20	1.74



Features:

- ▶ The deeper holder gauge line optimizes the coverage of ER spring collet and increases machining stability.
- ▶ UT clamping nut is designed without eccentric. Used with ER and ERE spring collets.
- ▶ The O-ring design on the front of holders prevents chips and coolant from entering holders
- ▶ UT nuts without slots reduce the wind shear at high speed

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • NUT

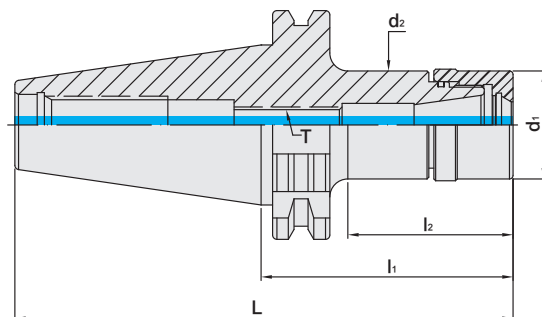
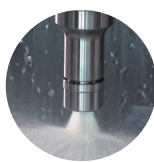
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-19~22	P.X-62	P.X-75	P.X-81,83~84,91	P.X-85	P.X-86	P.X-121



DAT / UT COLLET CHUCK



DAT / UT 立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5051-753-016-070	DAT40 x UT16 - 70	138.4	70	45.9	30	30	M10 x 1.5P	1 ~ 10	1.01
5051-753-016-100	DAT40 x UT16 - 100	168.4	100	75.9	30	30	M10 x 1.5P	1 ~ 10	1.14
5051-753-016-125	DAT40 x UT16 - 125	193.4	125	100.9	30	30	M10 x 1.5P	1 ~ 10	1.24
5051-753-016-150	DAT40 x UT16 - 150	218.4	150	125.9	30	30	M10 x 1.5P	1 ~ 10	1.35
5051-753-020-070	DAT40 x UT20 - 70	138.4	70	45.9	35	36	M12 x 1.75P	1 ~ 13	1.07
5051-753-020-100	DAT40 x UT20 - 100	168.4	100	75.9	35	36	M12 x 1.75P	1 ~ 13	1.27
5051-753-020-125	DAT40 x UT20 - 125	193.4	125	100.9	35	36	M12 x 1.75P	1 ~ 13	1.44
5051-753-020-150	DAT40 x UT20 - 150	218.4	150	125.9	35	36	M12 x 1.75P	1 ~ 13	1.61
5051-753-025-070	DAT40 x UT25 - 70	138.4	70	45.9	42	42	M16 x 2.0P	1 ~ 16	1.14
5051-753-025-100	DAT40 x UT25 - 100	168.4	100	75.9	42	42	M16 x 2.0P	1 ~ 16	1.43
5051-753-025-150	DAT40 x UT25 - 150	218.4	150	125.9	42	42	M16 x 2.0P	1 ~ 16	1.90
5051-753-032-070	DAT40 x UT32 - 70	138.4	70	50.1	48	48	M16 x 2.0P	2 ~ 20	1.17
5051-753-032-100	DAT40 x UT32 - 100	168.4	100	80.1	48	48	M16 x 2.0P	2 ~ 20	1.55
5051-753-032-125	DAT40 x UT32 - 125	193.4	125	105.1	48	48	M16 x 2.0P	2 ~ 20	1.87
5051-753-032-150	DAT40 x UT32 - 150	218.4	150	130.1	48	48	M16 x 2.0P	2 ~ 20	2.19
5052-753-016-070	DAT50 x UT16 - 70	171.75	70	45.9	30	30	M10 x 1.5P	1 ~ 10	2.75
5052-753-016-100	DAT50 x UT16 - 100	201.75	100	70.9	30	30	M10 x 1.5P	1 ~ 10	2.91
5052-753-016-125	DAT50 x UT16 - 125	226.75	125	95.9	30	30	M10 x 1.5P	1 ~ 10	2.98
5052-753-016-150	DAT50 x UT16 - 150	251.75	150	120.9	30	30	M10 x 1.5P	1 ~ 10	3.08
5052-753-020-070	DAT50 x UT20 - 70	171.75	70	40.9	35	36	M12 x 1.75P	1 ~ 13	2.85
5052-753-020-100	DAT50 x UT20 - 100	201.75	100	70.9	35	36	M12 x 1.75P	1 ~ 13	3.01
5052-753-020-125	DAT50 x UT20 - 125	226.75	125	95.9	35	36	M12 x 1.75P	1 ~ 13	3.14
5052-753-020-150	DAT50 x UT20 - 150	251.75	150	120.9	35	36	M12 x 1.75P	1 ~ 13	3.27
5052-753-025-070	DAT50 x UT25 - 70	171.75	70	45.9	42	42	M16 x 2.0P	1 ~ 16	2.90
5052-753-025-100	DAT50 x UT25 - 100	201.75	100	70.9	42	42	M16 x 2.0P	1 ~ 16	3.17
5052-753-025-150	DAT50 x UT25 - 150	251.75	150	120.9	42	42	M16 x 2.0P	1 ~ 16	3.68
5052-753-032-070	DAT50 x UT32 - 70	171.75	70	45.9	48	48	M16 x 2.0P	2 ~ 20	2.94
5052-753-032-100	DAT50 x UT32 - 100	201.75	100	70.9	48	48	M16 x 2.0P	2 ~ 20	3.32
5052-753-032-125	DAT50 x UT32 - 125	226.75	125	95.9	48	48	M16 x 2.0P	2 ~ 20	3.60
5052-753-032-150	DAT50 x UT32 - 150	251.75	150	120.9	48	48	M16 x 2.0P	2 ~ 20	3.89

Features:

- ▶ The deeper holder gauge line optimizes the coverage of ER spring collet and increases machining stability.
- ▶ UT clamping nut is designed without eccentric. Used with ER and ERE spring collets.
- ▶ The O-ring design on the front of holders prevents chips and coolant from entering holders
- ▶ UT nuts without slots reduce the wind shear at high speed

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • NUT

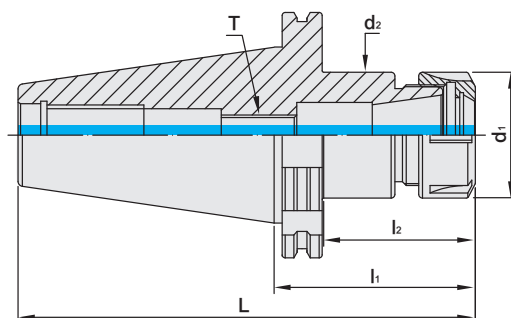
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
PX-19~22	PX-62	PX-75	PX-81,83~84,91	PX-85	PX-86	PX-121

DAT / ER TOOL HOLDER



DAT / ER 刀桿

(ISO 15488)



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5050-108-011-080	DAT30 x ER11A - 80	127.8	80	50.9	19	19	M6 x 1.0P	1 ~ 7	0.60
5050-108-016-063	DAT30 x ER16A - 63	110.8	63	40.9	28	28	M10 x 1.5P	1 ~ 10	0.70
5050-108-016-120	DAT30 x ER16A - 120	167.8	120	92.9	28	28	M10 x 1.5P	1 ~ 10	0.85
5050-108-020-063	DAT30 x ER20A - 63	110.8	63	38.9	34	34	M12 x 1.75P	1 ~ 13	0.80
5050-108-020-120	DAT30 x ER20A - 120	167.8	120	95.9	34	34	M12 x 1.75P	1 ~ 13	1.05
5050-110-025-063	DAT30 x ER25 - 63	110.8	63	43.1	42	42	M16 x 2.0P	1 ~ 16	0.85
5050-110-032-063	DAT30 x ER32 - 63	110.8	63	43.9	50	44.7	M16 x 2.0P	2 ~ 20	0.90

Features:

- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-19~45	P.X-63,65~67	P.X-75	P.X-81~84,87~88,91	P.X-85	P.X-86	P.X-121

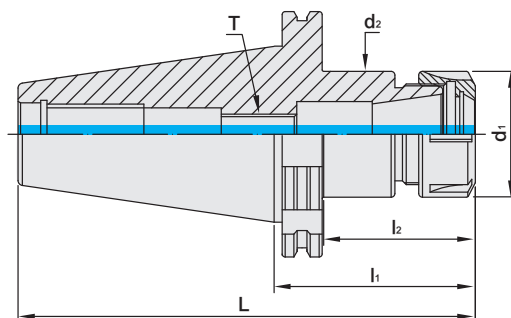


DAT / ER TOOL HOLDER



DAT40 刀夾頭

(ISO 15488)



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5051-108-011-080	DAT40 x ER11A - 80	148.4	80	50.9	19	19	M6 x 1.0P	1 ~ 7	1.05
5051-108-011-125	DAT40 x ER11A - 125	193.4	125	95.9	19	19	M6 x 1.0P	1 ~ 7	1.15
5051-108-016-070	DAT40 x ER16A - 70	138.4	70	40.9	28	28	M10 x 1.5P	1 ~ 10	1.05
5051-108-016-100	DAT40 x ER16A - 100	168.4	100	70.9	28	28	M10 x 1.5P	1 ~ 10	1.15
5051-108-016-125	DAT40 x ER16A - 125	193.4	125	95.9	28	28	M10 x 1.5P	1 ~ 10	1.25
5051-108-016-150	DAT40 x ER16A - 150	218.4	150	120.9	28	28	M10 x 1.5P	1 ~ 10	1.40
5051-108-016-180	DAT40 x ER16A - 180	248.4	180	150.9	28	28	M10 x 1.5P	1 ~ 10	1.85
5051-108-020-070	DAT40 x ER20A - 70	138.4	70	47.9	34	34	M12 x 1.75P	1 ~ 13	1.10
5051-108-020-100	DAT40 x ER20A - 100	168.4	100	70.9	34	34	M12 x 1.75P	1 ~ 13	1.30
5051-108-020-135	DAT40 x ER20A - 135	203.4	135	105.9	34	34	M12 x 1.75P	1 ~ 13	1.95
5051-108-020-160	DAT40 x ER20A - 160	228.4	160	130.9	34	34	M12 x 1.75P	1 ~ 13	2.20
5051-110-025-070	DAT40 x ER25 - 70	138.4	70	50.1	42	42	M16 x 2.0P	1 ~ 16	1.15
5051-110-025-100	DAT40 x ER25 - 100	168.4	100	80.1	42	42	M16 x 2.0P	1 ~ 16	1.45
5051-110-025-150	DAT40 x ER25 - 150	218.4	150	130.1	42	42	M16 x 2.0P	1 ~ 16	2.00
5051-110-025-180	DAT40 x ER25 - 180	248.4	180	160.1	42	42	M16 x 2.0P	1 ~ 16	2.45
5051-110-025-200	DAT40 x ER25 - 200	268.4	200	180.1	42	42	M16 x 2.0P	1 ~ 16	2.55
5051-110-032-070	DAT40 x ER32 - 70	138.4	70	50.1	50	49.7	M16 x 2.0P	2 ~ 20	1.22
5051-110-032-100	DAT40 x ER32 - 100	168.4	100	80.1	50	49.5	M16 x 2.0P	2 ~ 20	1.62
5051-110-032-135	DAT40 x ER32 - 135	203.4	135	115.1	50	49.7	M16 x 2.0P	2 ~ 20	2.15
5051-110-032-150	DAT40 x ER32 - 150	218.4	150	130.1	50	49.7	M16 x 2.0P	2 ~ 20	2.65
5051-110-040-070	DAT40 x ER40 - 70	138.4	70	50.1	63	50	M20 x 2.0P	3 ~ 26	1.25
5051-110-040-100	DAT40 x ER40 - 100	168.4	100	80.1	63	50	M20 x 2.0P	3 ~ 26	1.65
5051-110-040-135	DAT40 x ER40 - 135	203.4	135	115.1	63	50	M20 x 2.0P	3 ~ 26	2.30
5051-110-050-100	DAT40 x ER50 - 100	168.4	100	65	78	64	M24 x 2.0P	6 ~ 34	1.70

Features:

- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • NUT

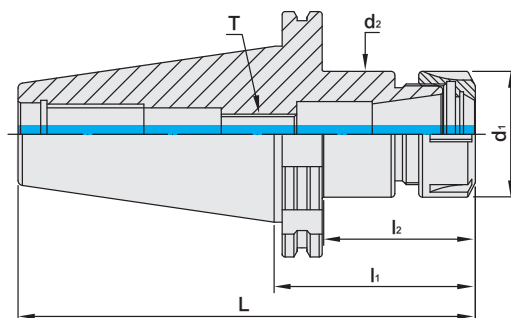
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
PX-19~45	PX-63、65~67	PX-75	PX-81~84, 87~88, 91	PX-85	PX-86	PX-121

DAT / ER TOOL HOLDER



DAT / ER 刀桿

(ISO 15488)



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5052-108-016-100	DAT50 x ER16A - 100	201.75	100	70.9	28	28	M10 x 1.5P	1 ~ 10	3.20
5052-108-016-135	DAT50 x ER16A - 135	236.75	135	105.9	28	28	M10 x 1.5P	1 ~ 10	4.30
5052-108-016-160	DAT50 x ER16A - 160	261.75	160	130.9	28	28	M10 x 1.5P	1 ~ 10	4.50
5052-108-016-180	DAT50 x ER16A - 180	281.75	180	150.9	28	28	M10 x 1.5P	1 ~ 10	4.80
5052-108-020-100	DAT50 x ER20A - 100	201.75	100	70.9	34	34	M12 x 1.75P	1 ~ 13	3.40
5052-108-020-135	DAT50 x ER20A - 135	236.75	135	105.9	34	34	M12 x 1.75P	1 ~ 13	3.60
5052-108-020-160	DAT50 x ER20A - 160	261.75	160	130.9	34	34	M12 x 1.75P	1 ~ 13	3.80
5052-110-025-070	DAT50 x ER25 - 70	171.75	70	40.9	42	42	M16 x 2.0P	1 ~ 16	3.40
5052-110-025-100	DAT50 x ER25 - 100	201.75	100	70.9	42	42	M16 x 2.0P	1 ~ 16	3.54
5052-110-025-150	DAT50 x ER25 - 150	251.75	150	120.9	42	42	M16 x 2.0P	1 ~ 16	4.50
5052-110-025-200	DAT50 x ER25 - 200	301.75	200	170.9	42	42	M16 x 2.0P	1 ~ 16	4.70
5052-110-032-080	DAT50 x ER32 - 80	181.75	80	50.9	50	50	M20 x 2.0P	2 ~ 20	3.60
5052-110-032-120	DAT50 x ER32 - 120	221.75	120	90.9	50	50	M20 x 2.0P	2 ~ 20	4.50
5052-110-032-160	DAT50 x ER32 - 160	261.75	160	130.9	50	50	M20 x 2.0P	2 ~ 20	4.60
5052-110-032-200	DAT50 x ER32 - 200	301.75	200	170.9	50	50	M20 x 2.0P	2 ~ 20	5.16
5052-110-040-080	DAT50 x ER40 - 80	181.75	80	50.9	63	60	M20 x 2.0P	3 ~ 26	3.65
5052-110-040-120	DAT50 x ER40 - 120	221.75	120	90.9	63	60	M20 x 2.0P	3 ~ 26	4.42
5052-110-040-160	DAT50 x ER40 - 160	261.75	160	130.9	63	60	M20 x 2.0P	3 ~ 26	5.20
5052-110-040-200	DAT50 x ER40 - 200	301.75	200	170.9	63	60	M20 x 2.0P	3 ~ 26	5.40
5052-110-050-080	DAT50 x ER50 - 80	181.75	80	57.9	78	-	M24 x 2.0P	6 ~ 34	4.85
5052-110-050-120	DAT50 x ER50 - 120	221.75	120	99.9	78	78	M24 x 2.0P	6 ~ 34	5.45
5052-110-050-160	DAT50 x ER50 - 160	261.75	160	139.9	78	78	M24 x 2.0P	6 ~ 34	5.55
5052-110-050-200	DAT50 x ER50 - 200	301.75	200	179.9	78	78	M24 x 2.0P	6 ~ 34	5.70

Features:

- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-19~45	PX-63、65~67	P.X-75	PX-81~84, 87~88, 91	P.X-85	P.X-86	P.X-121



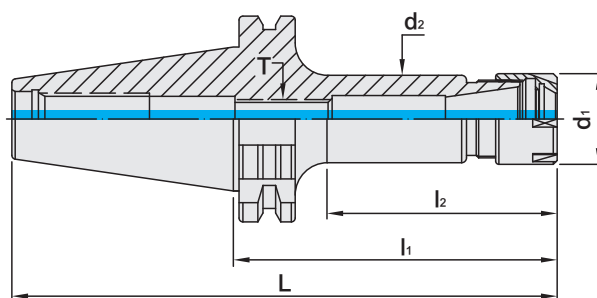
DAT / ER TOOL HOLDER

M TYPE



DAT / ER 刀桿 [M 型]

[ISO 15488]



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5050-123-011-070	DAT30 x ER11M - 70	117.8	70	40.9	16	15	M6 x 1.0P	1 ~ 7	0.50
5050-123-011-100	DAT30 x ER11M - 100	147.8	100	70.9	16	15	M6 x 1.0P	1 ~ 7	0.60
5050-123-011-120	DAT30 x ER11M - 120	167.8	120	90.9	16	15	M6 x 1.0P	1 ~ 7	0.70
5050-123-016-070	DAT30 x ER16M - 70	117.8	70	40.9	22	21	M10 x 1.5P	1 ~ 10	0.55
5050-123-016-100	DAT30 x ER16M - 100	147.8	100	70.9	22	21	M10 x 1.5P	1 ~ 10	0.65
5050-123-016-120	DAT30 x ER16M - 120	167.8	120	90.9	22	21	M10 x 1.5P	1 ~ 10	0.75
5050-123-020-100	DAT30 x ER20M - 100	147.8	100	75.9	28	27	M12 x 1.75P	1 ~ 13	0.70
5050-123-020-120	DAT30 x ER20M - 120	167.8	120	95.9	28	27	M12 x 1.75P	1 ~ 13	0.80
5050-123-020-150	DAT30 x ER20M - 150	197.8	150	125.9	28	27	M12 x 1.75P	1 ~ 13	1.00
5051-123-011-070	DAT40 x ER11M - 70	138.4	70	40.9	16	15	M6 x 1.0P	1 ~ 7	0.84
5051-123-011-100	DAT40 x ER11M - 100	168.4	100	70.9	16	15	M6 x 1.0P	1 ~ 7	0.86
5051-123-011-125	DAT40 x ER11M - 125	193.4	125	95.9	16	15	M6 x 1.0P	1 ~ 7	1.00
5051-123-011-150	DAT40 x ER11M - 150	218.4	150	120.9	16	15	M6 x 1.0P	1 ~ 7	1.00
5051-123-016-070	DAT40 x ER16M - 70	138.4	70	40.9	22	21	M10 x 1.5P	1 ~ 10	0.96
5051-123-016-100	DAT40 x ER16M - 100	168.4	100	70.9	22	21	M10 x 1.5P	1 ~ 10	1.00
5051-123-016-125	DAT40 x ER16M - 125	193.4	125	95.9	22	21	M10 x 1.5P	1 ~ 10	1.05
5051-123-016-150	DAT40 x ER16M - 150	218.4	150	120.9	22	21	M10 x 1.5P	1 ~ 10	1.14
5051-123-020-070	DAT40 x ER20M - 70	138.4	70	40.9	28	27	M12 x 1.75P	1 ~ 13	1.20
5051-123-020-100	DAT40 x ER20M - 100	168.4	100	70.9	28	27	M12 x 1.75P	1 ~ 13	1.55
5051-123-020-125	DAT40 x ER20M - 125	193.4	125	95.9	28	27	M12 x 1.75P	1 ~ 13	1.70
5051-123-020-150	DAT40 x ER20M - 150	218.4	150	120.9	28	27	M12 x 1.75P	1 ~ 13	1.80

Features:

- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-19~45	P.X-64	P.X-75	P.X-81~82,87	P.X-85	P.X-86	P.X-121



DAT / ER TOOL HOLDER

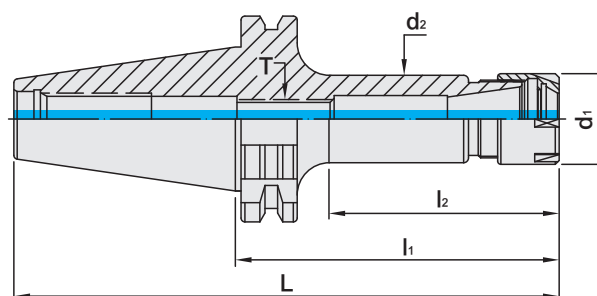
M TYPE

DAT



DAT / ER 刀桿 [M 型]

[ISO 15488]



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5052-123-011-070	DAT50 x ER11M - 70	171.75	70	40.9	16	15	M6 x 1.0P	1 ~ 7	3.80
5052-123-011-090	DAT50 x ER11M - 90	191.75	90	60.9	16	15	M6 x 1.0P	1 ~ 7	3.90
5052-123-011-105	DAT50 x ER11M - 105	206.75	105	56.33	16	15	M6 x 1.0P	1 ~ 7	4.00
5052-123-011-135	DAT50 x ER11M - 135	236.75	135	86.33	16	15	M6 x 1.0P	1 ~ 7	4.10
5052-123-011-165	DAT50 x ER11M - 165	266.75	165	98.23	16	15	M6 x 1.0P	1 ~ 7	4.20
5052-123-016-070	DAT50 x ER16M - 70	171.75	70	40.9	22	21	M10 x 1.5P	1 ~ 10	3.90
5052-123-016-090	DAT50 x ER16M - 90	191.75	90	60.9	22	21	M10 x 1.5P	1 ~ 10	4.00
5052-123-016-105	DAT50 x ER16M - 105	206.75	105	68.76	22	21	M10 x 1.5P	1 ~ 10	4.10
5052-123-016-135	DAT50 x ER16M - 135	236.75	135	98.76	22	21	M10 x 1.5P	1 ~ 10	4.20
5052-123-016-165	DAT50 x ER16M - 165	266.75	165	128.76	22	21	M10 x 1.5P	1 ~ 10	4.30
5052-123-020-090	DAT50 x ER20M - 90	191.75	90	60.9	28	27	M12 x 1.75P	1 ~ 13	4.10
5052-123-020-105	DAT50 x ER20M - 105	206.75	105	71.76	28	27	M12 x 1.75P	1 ~ 13	4.20
5052-123-020-135	DAT50 x ER20M - 135	236.75	135	101.76	28	27	M12 x 1.75P	1 ~ 13	4.40
5052-123-020-165	DAT50 x ER20M - 165	266.75	165	131.76	28	27	M12 x 1.75P	1 ~ 13	4.60

Features:

- ▶ This ER tool holder has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • NUT

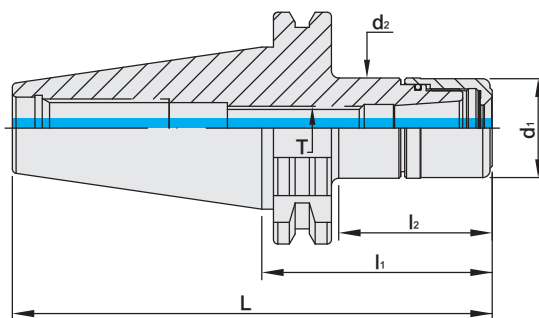
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-19~45	P.X-64	P.X-75	P.X-81~82,87	P.X-85	P.X-86	P.X-121



DAT / SK3 COLLET CHUCK



DAT / SK3 高速機專用夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5050-763-006-060	DAT30 x SK306 - 60	107.8	60	38.9	19.5	19.5	M8 x 1.25P	1 ~ 6	0.90
5050-763-006-080	DAT30 x SK306 - 80	127.8	80	58.9	19.5	19.5	M8 x 1.25P	1 ~ 6	1.00
5050-763-010-060	DAT30 x SK310 - 60	107.8	60	38.9	27.5	27.5	M12 x 1.75P	2 ~ 10	0.90
5050-763-010-080	DAT30 x SK310 - 80	127.8	80	58.9	27.5	27.5	M12 x 1.75P	2 ~ 10	1.00
5050-763-013-060	DAT30 x SK313 - 60	107.8	60	38.9	33	33	M12 x 1.75P	2 ~ 13	1.10
5050-763-013-080	DAT30 x SK313 - 80	127.8	80	58.9	33	33	M12 x 1.75P	2 ~ 13	1.00
5050-763-016-060	DAT30 x SK316 - 60	107.8	60	38.9	40	40	M18 x 1.5P	2 ~ 16	1.20
5050-763-016-080	DAT30 x SK316 - 80	127.8	80	58.9	40	40	M18 x 1.5P	2 ~ 16	1.30
5050-763-020-060	DAT30 x SK320 - 60	107.8	60	40.9	48	-	-	3 ~ 20	0.60
5050-763-020-090	DAT30 x SK320 - 90	137.8	90	55	48	48.5	M22 x 1.5P	3 ~ 20	1.00
5051-763-006-080	DAT40 x SK306 - 80	148.4	80	42.75	19.5	19.5	M8 x 1.25P	1 ~ 6	1.10
5051-763-006-100	DAT40 x SK306 - 100	168.4	100	62.75	19.5	19.5	M8 x 1.25P	1 ~ 6	1.30
5051-763-006-120	DAT40 x SK306 - 120	188.4	120	82.75	19.5	19.5	M8 x 1.25P	1 ~ 6	1.40
5051-763-010-080	DAT40 x SK310 - 80	148.4	80	50.9	27.5	27.5	M12 x 1.75P	2 ~ 10	1.10
5051-763-010-100	DAT40 x SK310 - 100	168.4	100	70.9	27.5	27.5	M12 x 1.75P	2 ~ 10	1.30
5051-763-010-120	DAT40 x SK310 - 120	188.4	120	90.9	27.5	27.5	M12 x 1.75P	2 ~ 10	1.40
5051-763-013-080	DAT40 x SK313 - 80	148.4	80	55.9	33	33	M12 x 1.75P	2 ~ 13	1.10
5051-763-013-100	DAT40 x SK313 - 100	168.4	100	75.9	33	33	M12 x 1.75P	2 ~ 13	1.30
5051-763-013-120	DAT40 x SK313 - 120	188.4	120	95.9	33	33	M12 x 1.75P	2 ~ 13	1.40
5051-763-016-080	DAT40 x SK316 - 80	148.4	80	55.9	40	40	M18 x 1.5P	2 ~ 16	1.20
5051-763-016-100	DAT40 x SK316 - 100	168.4	100	75.9	40	40	M18 x 1.5P	2 ~ 16	1.40
5051-763-016-120	DAT40 x SK316 - 120	188.4	120	95.9	40	40	M18 x 1.5P	2 ~ 16	1.50
5051-763-020-090	DAT40 x SK320 - 90	158.4	90	70	48	48.5	M22 x 1.5P	3 ~ 20	1.50
5051-763-020-120	DAT40 x SK320 - 120	188.4	120	100	48	48.5	M22 x 1.5P	3 ~ 20	1.90
5051-763-025-090	DAT40 x SK325 - 90	158.4	90	55	55	55	M28 x 2.0P	3 ~ 25.4	1.60
5051-763-025-120	DAT40 x SK325 - 120	188.4	120	85	55	55	M28 x 2.0P	3 ~ 25.4	2.10

Features:

- ▶ Using 4° taper angle collets achieves higher clamping power and stability than 8° design of the ER system.
- ▶ Smaller OD nuts without slots are ideal for high-speed machining with less interference.
- ▶ Dustproof design of adding O rings prevents metal chips and coolants from getting into tool holders.

Product information:

- ▶ DAT30 tool holders are without coolant supply over collars.
- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • NUT

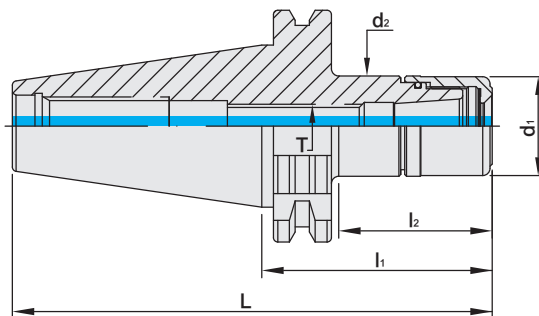
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-46-48	P.X-68	P.X-75	P.X-81,83~84,91	P.X-85	P.X-86	P.X-121

DAT / SK3 COLLET CHUCK

5 μ m

BALANCE
G2.5
25,000 RPM

DAT / SK3 高速機專用夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	SIZE RANGE	WEIGHT (KGS)
5052-763-006-080	DAT50 x SK306 - 80	181.75	80	40.5	19.5	19.5	M8 x 1.25P	1 ~ 6	4.00
5052-763-006-100	DAT50 x SK306 - 100	201.75	100	60.5	19.5	19.5	M8 x 1.25P	1 ~ 6	4.10
5052-763-006-120	DAT50 x SK306 - 120	221.75	120	80.5	19.5	19.5	M8 x 1.25P	1 ~ 6	4.20
5052-763-010-080	DAT50 x SK310 - 80	181.75	80	50.9	27.5	27.5	M12 x 1.75P	2 ~ 10	4.10
5052-763-010-100	DAT50 x SK310 - 100	201.75	100	70.9	27.5	27.5	M12 x 1.75P	2 ~ 10	4.20
5052-763-010-120	DAT50 x SK310 - 120	221.75	120	90.9	27.5	27.5	M12 x 1.75P	2 ~ 10	4.30
5052-763-013-080	DAT50 x SK313 - 80	181.75	80	50.9	33	33	M12 x 1.75P	2 ~ 13	4.20
5052-763-013-100	DAT50 x SK313 - 100	201.75	100	70.9	33	33	M12 x 1.75P	2 ~ 13	4.30
5052-763-013-120	DAT50 x SK313 - 120	221.75	120	90.9	33	33	M12 x 1.75P	2 ~ 13	4.40
5052-763-016-080	DAT50 x SK316 - 80	181.75	80	50.9	40	40	M18 x 1.5P	2 ~ 16	4.30
5052-763-016-100	DAT50 x SK316 - 100	201.75	100	70.9	40	40	M18 x 1.5P	2 ~ 16	4.40
5052-763-016-120	DAT50 x SK316 - 120	221.75	120	90.9	40	40	M18 x 1.5P	2 ~ 16	4.50
5052-763-020-105	DAT50 x SK320 - 105	206.75	105	80.9	48	48.5	M22 x 1.5P	3 ~ 20	4.10
5052-763-020-135	DAT50 x SK320 - 135	236.75	135	110.9	48	48.5	M22 x 1.5P	3 ~ 20	4.60
5052-763-025-105	DAT50 x SK325 - 105	206.75	105	80.9	55	55	M28 x 2.0P	3 ~ 25.4	4.20
5052-763-025-150	DAT50 x SK325 - 150	251.75	150	125.9	55	55	M28 x 2.0P	3 ~ 25.4	4.90

Features:

- ▶ Using 4° taper angle collets achieves higher clamping power and stability than 8° design of the ER system.
- ▶ Smaller OD nuts without slots are ideal for high-speed machining with less interference.
- ▶ Dustproof design of adding O rings prevents metal chips and coolants from getting into tool holders.

Product information:

- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-46-48	P.X-68	P.X-75	P.X-81,83~84,91	P.X-85	P.X-86	P.X-121

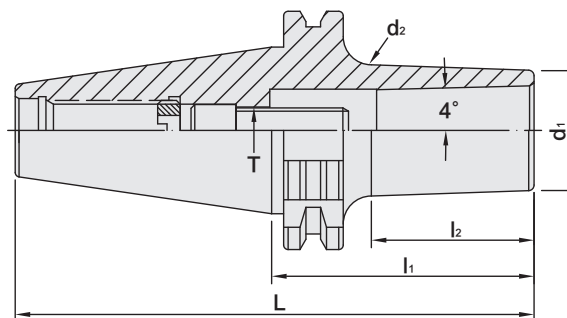


DAT / SBL SLIM-FIT COLLET CHUCK

5 μ m

BALANCE
G2.5
25,000 RPM

DAT / SBL 後拉式立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5050-648-006-070	DAT30 x SBL6 - 70	117.8	70	41	14	18	M6 x 1.0P	12	9	3 ~ 6	0.39
5050-648-006-100	DAT30 x SBL6 - 100	147.8	100	71	14	21	M6 x 1.0P	12	9	3 ~ 6	0.40
5050-648-012-070	DAT30 x SBL12 - 70	117.8	70	48	26	31	M10 x 1.5P	45	33	3 ~ 12	0.42
5050-648-012-100	DAT30 x SBL12 - 100	147.8	100	78	26	34	M10 x 1.5P	45	33	3 ~ 12	0.43
5050-648-020-080	DAT30 x SBL20 - 80	127.8	80	58	34	38	M12 x 1.75P	60	44	3 ~ 20	0.44
5050-648-020-100	DAT30 x SBL20 - 100	147.8	100	79	34	39	M12 x 1.75P	60	44	3 ~ 20	0.45
5051-648-006-070	DAT40 x SBL6 - 70	138.4	70	36	14	17	M6 x 1.0P	12	9	3 ~ 6	1.00
5051-648-006-100	DAT40 x SBL6 - 100	168.4	100	58	14	20	M6 x 1.0P	12	9	3 ~ 6	1.10
5051-648-008-100	DAT40 x SBL8 - 100	168.4	100	66.6	20	26.9	M8 x 1.25P	29	21	3 ~ 8	1.25
5051-648-008-130	DAT40 x SBL8 - 130	198.4	130	101.4	20	30.6	M8 x 1.25P	29	21	3 ~ 8	1.19
5051-648-008-150	DAT40 x SBL8 - 150	218.4	150	126	20	33	M8 x 1.25P	29	21	3 ~ 8	1.32
5051-648-012-070	DAT40 x SBL12 - 70	138.4	70	41	26	29	M10 x 1.5P	45	33	3 ~ 12	1.20
5051-648-012-100	DAT40 x SBL12 - 100	168.4	100	71	26	32	M10 x 1.5P	45	33	3 ~ 12	1.30
5051-648-012-170	DAT40 x SBL12 - 170	238.4	170	146	26	38	M10 x 1.5P	45	33	3 ~ 12	2.00
5051-648-020-070	DAT40 x SBL20 - 70	138.4	70	41	35	38	M12 x 1.75P	60	44	3 ~ 20	1.30
5051-648-020-100	DAT40 x SBL20 - 100	168.4	100	78	35	41	M12 x 1.75P	60	44	3 ~ 20	1.40
5051-648-025-080	DAT40 x SBL25 - 80	148.4	80	58	40	45	M16 x 1.5P	90	66	6 ~ 25.4	1.50
5051-648-025-100	DAT40 x SBL25 - 100	168.4	100	79	40	46	M16 x 1.5P	90	66	6 ~ 25.4	1.60
5052-648-006-070	DAT50 x SBL6 - 70	171.75	70	36	14	17	M6 x 1.0P	12	9	3 ~ 6	2.80
5052-648-006-100	DAT50 x SBL6 - 100	201.75	100	66	14	20	M6 x 1.0P	12	9	3 ~ 6	2.90
5052-648-008-100	DAT50 x SBL8 - 100	201.75	100	71.4	20	27.4	M8 x 1.25P	29	21	3 ~ 8	2.81
5052-648-008-130	DAT50 x SBL8 - 130	231.75	130	101.4	20	30.6	M8 x 1.25P	29	21	3 ~ 8	2.98
5052-648-008-150	DAT50 x SBL8 - 150	251.75	150	121.4	20	32.7	M8 x 1.25P	29	21	3 ~ 8	3.11
5052-648-012-070	DAT50 x SBL12 - 70	171.75	70	41	26	29	M10 x 1.5P	45	33	3 ~ 12	3.00
5052-648-012-100	DAT50 x SBL12 - 100	201.75	100	71	26	32	M10 x 1.5P	45	33	3 ~ 12	3.10
5052-648-020-070	DAT50 x SBL20 - 70	171.75	70	41	35	38	M12 x 1.75P	60	44	3 ~ 20	3.20
5052-648-020-100	DAT50 x SBL20 - 100	201.75	100	71	35	41	M12 x 1.75P	60	44	3 ~ 20	3.30
5052-648-020-170	DAT50 x SBL20 - 170	271.75	170	139	35	47	M12 x 1.75P	60	44	3 ~ 20	3.90
5052-648-025-070	DAT50 x SBL25 - 70	171.75	70	39	40	43	M16 x 1.5P	90	66	6 ~ 25.4	3.20
5052-648-025-100	DAT50 x SBL25 - 100	201.75	100	71	40	46	M16 x 1.5P	90	66	6 ~ 25.4	3.40

Features:

- ▶ The design of non-clamping nut and slim front ends reduces interference, ideal for deep hole machining.
- ▶ Taper angle 4° increases the stability of clamping precision.
- ▶ T.I.R. is within 5 μ m at 4D distance.

Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-49	P.X-75	P.X-81, 85	P.X-86	P.X-89	P.X-125

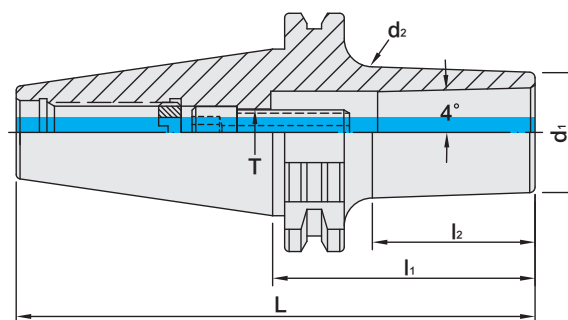


DAT / SBLC SLIM-FIT COLLET CHUCK

DAT



DAT / SBLC 後拉式立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	1bf-ft		
5050-623-006-070	DAT30 x SBLC6 - 70	117.8	70	41	14	18	M6 x 1.0P	12	9	3 ~ 6	0.39
5050-623-006-100	DAT30 x SBLC6 - 100	147.8	100	71	14	21	M6 x 1.0P	12	9	3 ~ 6	0.40
5050-623-012-070	DAT30 x SBLC12 - 70	117.8	70	48	26	31	M10 x 1.5P	45	33	3 ~ 12	0.42
5050-623-012-100	DAT30 x SBLC12 - 100	147.8	100	78	26	34	M10 x 1.5P	45	33	3 ~ 12	0.43
5050-623-020-080	DAT30 x SBLC20 - 80	127.8	80	58	34	38	M12 x 1.75P	60	44	3 ~ 20	0.44
5050-623-020-100	DAT30 x SBLC20 - 100	147.8	100	79	34	39	M12 x 1.75P	60	44	3 ~ 20	0.45
5051-623-006-070	DAT40 x SBLC6 - 70	138.4	70	36	14	17	M6 x 1.0P	12	9	3 ~ 6	1.00
5051-623-006-100	DAT40 x SBLC6 - 100	168.4	100	58	14	20	M6 x 1.0P	12	9	3 ~ 6	1.10
5051-623-008-100	DAT40 x SBLC8 - 100	168.4	100	71.4	20	27.4	M8 x 1.25P	29	21	3 ~ 8	1.25
5051-623-008-130	DAT40 x SBLC8 - 130	198.4	130	101.4	20	30.6	M8 x 1.25P	29	21	3 ~ 8	1.19
5051-623-008-150	DAT40 x SBLC8 - 150	218.4	150	121.4	20	32.6	M8 x 1.25P	29	21	3 ~ 8	1.32
5051-623-012-070	DAT40 x SBLC12 - 70	138.4	70	41	26	29	M10 x 1.5P	45	33	3 ~ 12	1.20
5051-623-012-100	DAT40 x SBLC12 - 100	168.4	100	71	26	32	M10 x 1.5P	45	33	3 ~ 12	1.30
5051-623-012-170	DAT40 x SBLC12 - 170	238.4	170	146	26	38	M10 x 1.5P	45	33	3 ~ 12	2.00
5051-623-020-070	DAT40 x SBLC20 - 70	138.4	70	41	35	38	M12 x 1.75P	60	44	3 ~ 20	1.30
5051-623-020-100	DAT40 x SBLC20 - 100	168.4	100	78	35	41	M12 x 1.75P	60	44	3 ~ 20	1.40
5051-623-025-080	DAT40 x SBLC25 - 80	148.4	80	58	40	45	M16 x 1.5P	90	66	6 ~ 25.4	1.50
5051-623-025-100	DAT40 x SBLC25 - 100	168.4	100	79	40	46	M16 x 1.5P	90	66	6 ~ 25.4	1.60
5052-623-006-070	DAT50 x SBLC6 - 70	171.75	70	36	14	17	M6 x 1.0P	12	9	3 ~ 6	2.80
5052-623-006-100	DAT50 x SBLC6 - 100	201.75	100	66	14	20	M6 x 1.0P	12	9	3 ~ 6	2.90
5052-623-008-100	DAT50 x SBLC8 - 100	201.75	100	71.4	20	27.4	M8 x 1.25P	29	21	3 ~ 8	2.81
5052-623-008-130	DAT50 x SBLC8 - 130	231.75	130	101.4	20	30.6	M8 x 1.25P	29	21	3 ~ 8	2.98
5052-623-008-150	DAT50 x SBLC8 - 150	251.75	150	121.4	20	32.7	M8 x 1.25P	29	21	3 ~ 8	3.11
5052-623-012-070	DAT50 x SBLC12 - 70	171.75	70	41	26	29	M10 x 1.5P	45	33	3 ~ 12	3.00
5052-623-012-100	DAT50 x SBLC12 - 100	201.75	100	71	26	32	M10 x 1.5P	45	33	3 ~ 12	3.10
5052-623-020-070	DAT50 x SBLC20 - 70	171.75	70	41	35	38	M12 x 1.75P	60	44	3 ~ 20	3.20
5052-623-020-100	DAT50 x SBLC20 - 100	201.75	100	71	35	41	M12 x 1.75P	60	44	3 ~ 20	3.30
5052-623-020-170	DAT50 x SBLC20 - 170	271.75	170	139	35	47	M12 x 1.75P	60	44	3 ~ 20	3.90
5052-623-025-070	DAT50 x SBLC25 - 70	171.75	70	39	40	43	M16 x 1.5P	90	66	6 ~ 25.4	3.20
5052-623-025-100	DAT50 x SBLC25 - 100	201.75	100	71	40	46	M16 x 1.5P	90	66	6 ~ 25.4	3.40

Features:

- ▶ SBLC collet chuck used for center coolant improves the metal chip removal capability and the surface finish of the workpiece.
- ▶ The design of non-clamping nut and slim front ends reduces interference, ideal for deep hole machining.
- ▶ T.I.R. is within 5μm at 4D distance.

Product information:

- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.
- ▶ Used with SLC sealed collet and coolant through cutters.

Standard Accessory: • SPANNER

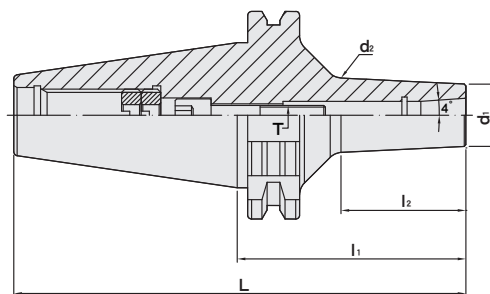
Sealed Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-50~51	P.X-75	P.X-81, 85	P.X-86	P.X-89	P.X-125



DAT / EBL SLIM-FIT COLLET CHUCK



DAT / EBL 後拉式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5050-277-006-070	DAT30 x EBL6 - 70	117.8	70	41.6	19.05	23.1	M6 x 1.0P	12	9	3 ~ 6	0.51
5050-277-006-100	DAT30 x EBL6 - 100	147.8	100	73.1	19.05	26.2	M6 x 1.0P	12	9	3 ~ 6	0.60
5051-277-006-070	DAT40 x EBL6 - 70	138.4	70	38.2	19.05	22.7	M6 x 1.0P	12	9	3 ~ 6	0.99
5051-277-006-100	DAT40 x EBL6 - 100	168.4	100	69.7	19.05	25.8	M6 x 1.0P	12	9	3 ~ 6	1.09
5051-277-008-070	DAT40 x EBL8 - 70	138.4	70	36.5	22.225	25.8	M8 x 1.25P	29	21	3 ~ 8	1.01
5051-277-008-100	DAT40 x EBL8 - 100	168.4	100	68.1	22.225	28.8	M8 x 1.25P	29	21	3 ~ 8	1.13
5052-277-006-070	DAT50 x EBL6 - 70	171.75	70	38.2	19.05	22.7	M6 x 1.0P	12	9	3 ~ 6	2.77
5052-277-006-100	DAT50 x EBL6 - 100	201.75	100	69.7	19.05	25.8	M6 x 1.0P	12	9	3 ~ 6	2.80
5052-277-008-070	DAT50 x EBL8 - 70	171.75	70	36.5	22.225	25.8	M8 x 1.25P	29	21	3 ~ 8	2.79
5052-277-008-100	DAT50 x EBL8 - 100	201.75	100	68.1	22.225	28.8	M8 x 1.25P	29	21	3 ~ 8	2.85



► SBL



► EBL

Features:

- EBL collet with extended length shortens tool overhanging length and improves the machining stability.
- The optimized design of thicker neck improves the machining rigidity and eliminates vibration, resulting in excellent surface finish of workpiece.

Product information:

- AD+B type is available, please inform us when making an order.
- DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • SPANNER

Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-52	P.X-75	P.X-81, 85	P.X-86	P.X-89	P.X-125

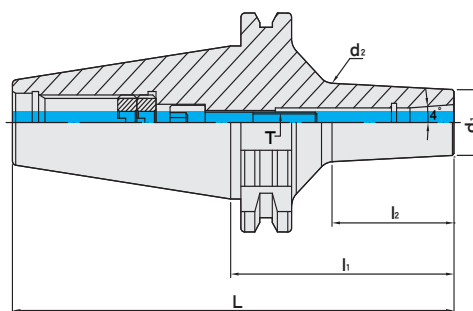
DAT / EBLC SLIM-FIT COLLET CHUCK

5 μ m

BALANCE
G2.5
25,000 RPM



DAT / EBLC 後拉式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	RECOMMENDED TORQUE		SIZE RANGE	WEIGHT (KGS)
								N.m	lbf-ft		
5050-195-006-070	DAT30 x EBLC6 - 70	117.8	70	41.6	19.05	23.1	M6 x 1.0P	12	9	3 ~ 6	0.51
5050-195-006-100	DAT30 x EBLC6 - 100	147.8	100	73.1	19.05	26.2	M6 x 1.0P	12	9	3 ~ 6	0.60
5051-195-006-070	DAT40 x EBLC6 - 70	138.4	70	38.2	19.05	22.7	M6 x 1.0P	12	9	3 ~ 6	0.99
5051-195-006-100	DAT40 x EBLC6 - 100	168.4	100	69.7	19.05	25.8	M6 x 1.0P	12	9	3 ~ 6	1.09
5051-195-008-070	DAT40 x EBLC8 - 70	138.4	70	36.5	22.225	25.8	M8 x 1.25P	29	21	3 ~ 8	1.01
5051-195-008-100	DAT40 x EBLC8 - 100	168.4	100	68.1	22.225	28.8	M8 x 1.25P	29	21	3 ~ 8	1.13
5052-195-006-070	DAT50 x EBLC6 - 70	171.75	70	38.2	19.05	22.7	M6 x 1.0P	12	9	3 ~ 6	2.77
5052-195-006-100	DAT50 x EBLC6 - 100	201.75	100	69.7	19.05	25.8	M6 x 1.0P	12	9	3 ~ 6	2.80
5052-195-008-070	DAT50 x EBLC8 - 70	171.75	70	36.5	22.225	25.8	M8 x 1.25P	29	21	3 ~ 8	2.79
5052-195-008-100	DAT50 x EBLC8 - 100	201.75	100	68.1	22.225	28.8	M8 x 1.25P	29	21	3 ~ 8	2.85



▶ SBLC



▶ EBLC

Features:

- ▶ EBLC collet chuck used for center coolant improves the metal chip removal capability and the surface finish of the workpiece.
- ▶ EBL sealed collet with extended length shortens tool overhanging length and improves the machining stability.
- ▶ The optimized design of thicker neck improves the machining rigidity and eliminates vibration, resulting in excellent surface finish of workpiece.
- ▶ EBL sealed collet is capable of coolant pressure up to 25bar.

Product information:

- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • SPANNER

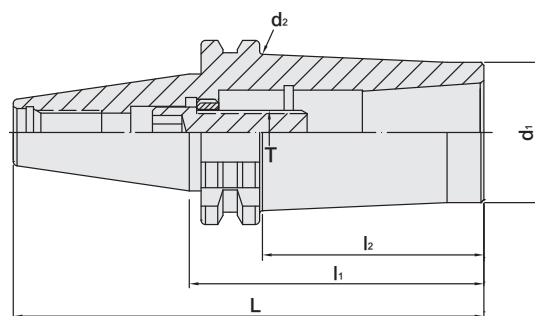
Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-52	P.X-75	P.X-81, 85	P.X-86	P.X-89	P.X-125



DAT / HBL SLIM-FIT COLLET CHUCK

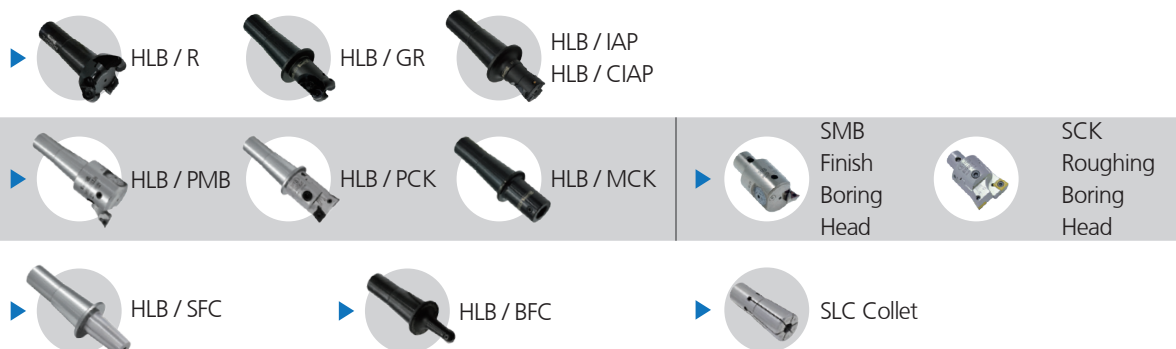


DAT / HBL 後拉式立銑刀夾頭



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	WEIGHT (KGS)
5050-275-012-070	DAT30 x HBL12 - 70	117.8	70	48.03	31.75	35.23	M10 x 1.5P	0.62
5050-275-012-100	DAT30 x HBL12 - 100	147.8	100	78.03	31.75	37.70	M10 x 1.5P	0.63
5050-275-020-080	DAT30 x HBL20 - 80	127.8	80	60.14	38.1	42.48	M12 x 1.75P	0.64
5050-275-020-100	DAT30 x HBL20 - 100	147.8	100	79.94	38.1	42.95	M12 x 1.75P	0.65
5051-275-012-070	DAT40 x HBL12 - 70	138.4	70	41.34	31.75	34.49	M10 x 1.5P	1.40
5051-275-012-100	DAT40 x HBL12 - 100	168.4	100	71.34	31.75	37.11	M10 x 1.5P	1.50
5051-275-020-070	DAT40 x HBL20 - 70	138.4	70	46.12	38.1	41.25	M12 x 1.75P	1.50
5051-275-020-100	DAT40 x HBL20 - 100	168.4	100	78.03	38.1	44.04	M12 x 1.75P	1.60
5051-275-025-080	DAT40 x HBL25 - 80	148.4	80	58.03	44.45	48.6	M16 x 1.5P	1.70
5051-275-025-100	DAT40 x HBL25 - 100	168.4	100	80.1	44.45	49.5	M16 x 1.5P	1.80
5052-275-012-070	DAT50 x HBL12 - 70	171.75	70	41.34	31.75	34.49	M10 x 1.5P	3.20
5052-275-012-100	DAT50 x HBL12 - 100	201.75	100	71.34	31.75	37.11	M10 x 1.5P	3.30
5052-275-020-070	DAT50 x HBL20 - 70	171.75	70	41.34	38.1	40.84	M12 x 1.75P	3.40
5052-275-020-100	DAT50 x HBL20 - 100	201.75	100	71.34	38.1	43.47	M12 x 1.75P	3.50
5052-275-025-070	DAT50 x HBL25 - 70	171.75	70	46.1	44.45	47.6	M16 x 1.5P	3.50
5052-275-025-100	DAT50 x HBL25 - 100	201.75	100	76.1	44.45	50.2	M16 x 1.5P	3.60

HLB Cutter for HBL Slim-Fit Collet Chuck



Features:

- ▶ Two-face contact between collet taper, collet flange and the end of HBL tool holder, increases the rigidity of machining.
- ▶ Modular system, assembled with HLB tools.
- ▶ HBL drawbar clamping design strengthens the axial clamping force.

Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ When assembling with coolant through HLB cutter SLC sealed collet, please change the screw into coolant screw, which is available to order separately.
- ▶ AD+B type is available, please inform us when making an order.

Standard Accessory: • SPANNER

SLC Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	HLB CUTTER	Screw
P.X-49~51	P.X-75	P.X-81, 85	P.X-86	P.X-89	P.X-92~106	P.X-125

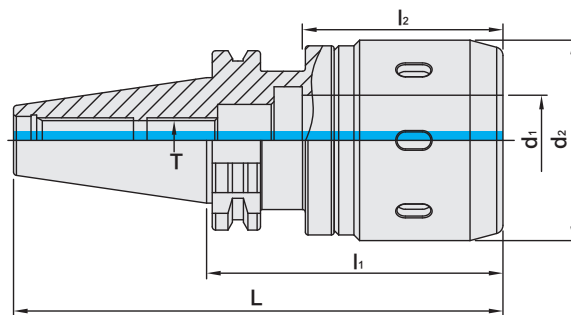
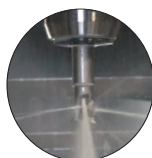
DAT / MLD MULTI-LOCK MILLING CHUCK

DAT

DAT / MLD 直式筒夾 銑床夾頭



台灣精品 2007
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	T	WEIGHT (KGS)
5050-460-012-080	DAT30 x MLD12 - 80	127.8	80	46.7	12	42	M12 x 1.75P	1.40
5050-460-016-080	DAT30 x MLD16 - 80	127.8	80	56.7	16	48	M12 x 1.75P	1.60
5050-460-020-085	DAT30 x MLD20 - 85	132.8	85	59.3	20	56.5	M16 x 2.0P	1.90
5050-460-020-100	DAT30 x MLD20 - 100	147.8	100	59.3	20	56.5	M16 x 2.0P	2.10
5051-460-012-075	DAT40 x MLD12 - 75	143.4	75	46.7	12	42	M12 x 1.75P	2.10
5051-460-016-080	DAT40 x MLD16 - 80	148.4	80	56.7	16	48	M12 x 1.75P	2.20
5051-460-020-085	DAT40 x MLD20 - 85	153.4	85	59.3	20	56.5	M16 x 2.0P	2.40
5051-460-020-135	DAT40 x MLD20 - 135	203.4	135	59.3	20	56.5	M16 x 2.0P	2.50
5051-460-025-095	DAT40 x MLD25 - 95	163.4	95	58.2	25	60	M16 x 2.0P	2.00
5051-460-032-105	DAT40 x MLD32 - 105	173.4	105	71.7	32	71	M16 x 2.0P	2.70
5051-460-032-135	DAT40 x MLD32 - 135	203.4	135	71.7	32	71	M16 x 2.0P	3.00
5052-460-012-075	DAT50 x MLD12 - 75	176.75	75	46.7	12	42	M12 x 1.75P	3.20
5052-460-016-075	DAT50 x MLD16 - 75	176.75	75	56.7	16	48	M12 x 1.75P	3.20
5052-460-020-105	DAT50 x MLD20 - 105	206.75	105	59.3	20	56.5	M16 x 2.0P	4.50
5052-460-020-150	DAT50 x MLD20 - 150	251.75	150	59.3	20	56.5	M16 x 2.0P	4.90
5052-460-025-105	DAT50 x MLD25 - 105	206.75	105	58.2	25	60	M24 x 3.0P	4.10
5052-460-032-105	DAT50 x MLD32 - 105	206.75	105	71.7	32	71	M24 x 3.0P	5.10
5052-460-032-135	DAT50 x MLD32 - 135	236.75	135	71.7	32	71	M24 x 3.0P	5.90
5052-460-042-115	DAT50 x MLD42 - 115	216.75	115	84.8	42	90	M24 x 3.0P	5.00

Features:

- ▶ The special slotted design of the internal hole increases the clamping force and decreases vibration, making this milling chuck set suitable for heavy-duty machining.
- ▶ Collet runout accuracy: HSC collet 5μm, 8μm and SSC collet 10μm< two options to choose from.
- ▶ After fastening, the nuts and tool holders contact tight to enhance the cutting rigidity and achieve dustproof purposes.
- ▶ Coolant options: through the center of the holder or cutter. Use a sealed cap and SR ring for coolant through the cutter.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • NUT

Collet	Sealed Cap	SR Sealed Ring	Pull Stud	Spanner	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Set Screw
P.X-54~55	P.X-70	P.X-71	P.X-75	P.X-88~89	P.X-91	P.X-81, 85	P.X-86	P.X-121

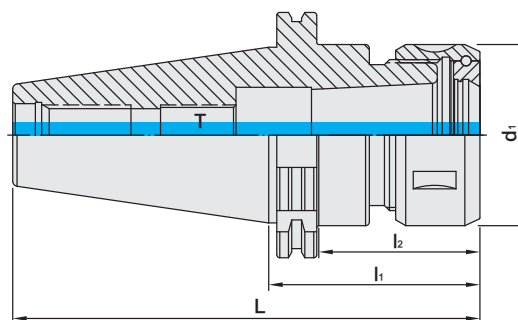


DAT / EOC TOOL HOLDER



DAT / EOC 刀桿

[ISO 10897]



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	T	SIZE RANGE	WEIGHT (KGS)
5050-121-025-080	DAT30 x EOC25 - 80	127.8	80	60.1	60	M12 x 1.75P	3 ~ 25	1.50
5051-121-025-080	DAT40 x EOC25 - 80	148.4	80	60.1	60	M16 x 2.0P	3 ~ 25	1.85
5051-121-025-100	DAT40 x EOC25 - 100	168.4	100	80.1	60	M16 x 2.0P	3 ~ 25	2.30
5051-121-025-120	DAT40 x EOC25 - 120	188.4	120	83.9	60	M16 x 2.0P	3 ~ 25	2.55
5051-121-032-090	DAT40 x EOC32 - 90	158.4	90	70.1	72	M20 x 2.0P	4 ~ 32	1.95
5051-121-032-120	DAT40 x EOC32 - 120	188.4	120	83.9	72	M20 x 2.0P	4 ~ 32	2.35
5052-121-025-070	DAT50 x EOC25 - 70	171.75	70	50.1	60	M16 x 2.0P	3 ~ 25	3.25
5052-121-025-140	DAT50 x EOC25 - 140	241.75	140	115.9	60	M16 x 2.0P	3 ~ 25	5.10
5052-121-032-080	DAT50 x EOC32 - 80	181.75	80	60.1	72	M24 x 2.0P	4 ~ 32	4.40
5052-121-032-140	DAT50 x EOC32 - 140	241.75	140	120.1	72	M24 x 2.0P	4 ~ 32	5.70

Features:

- ▶ Attached with POWER GOOD EOC clamping nuts, good clamping force, and suitable for heavy-duty machining.
- ▶ Used with DIN 6388 EOC and SYOZ collets.
- ▶ Standard tool kits of 7PC and 15PC are available.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

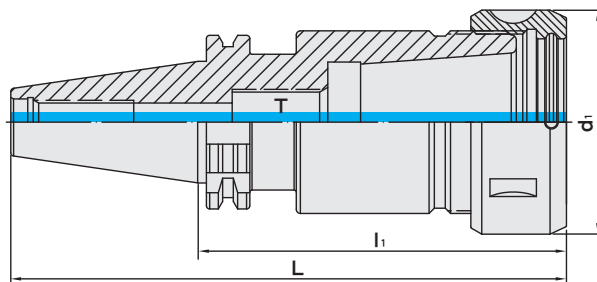
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-57	P.X-69	P.X-75	P.X-81~82,89	P.X-85	P.X-86	P.X-121

DAT / TG TOOL HOLDER



DAT / TG 刀桿



MODEL NO.	TYPE	L	l ₁	d ₁	T	SIZE RANGE	WEIGHT (KGS)
5050-691-075-070	DAT30 x TG75 - 70	117.8	70	50	M16 x 2.0P	3 ~ 16	1.10
5050-691-100-080	DAT30 x TG100 - 80	127.8	80	60	M12 x 1.75P	3 ~ 25	1.20
5051-691-100-080	DAT40 x TG100 - 80	148.4	80	60	M16 x 2.0P	3 ~ 25	1.20
5051-691-100-100	DAT40 x TG100 - 100	168.4	100	60	M16 x 2.0P	3 ~ 25	1.30
5051-691-100-120	DAT40 x TG100 - 120	188.4	120	60	M16 x 2.0P	3 ~ 25	2.40
5051-691-150-105	DAT40 x TG150 - 105	173.4	105	82	M24 x 2.0P	4 ~ 38	2.70
5051-691-150-120	DAT40 x TG150 - 120	188.4	120	82	M24 x 2.0P	4 ~ 38	2.90
5051-691-150-135	DAT40 x TG150 - 135	203.4	135	82	M24 x 2.0P	4 ~ 38	3.20
5052-691-100-070	DAT50 x TG100 - 70	171.75	70	60	M24 x 2.0P	3 ~ 25	3.40
5052-691-100-100	DAT50 x TG100 - 100	201.75	100	60	M24 x 2.0P	3 ~ 25	4.40
5052-691-100-120	DAT50 x TG100 - 120	221.75	120	60	M24 x 2.0P	3 ~ 25	5.10
5052-691-150-100	DAT50 x TG150 - 100	201.75	100	82	M24 x 2.0P	4 ~ 38	5.70
5052-691-150-120	DAT50 x TG150 - 120	221.75	120	82	M24 x 2.0P	4 ~ 38	6.10
5052-691-150-150	DAT50 x TG150 - 150	251.75	150	82	M24 x 2.0P	4 ~ 38	6.50

Features:

- ▶ Using with 4.1751° taper angle TG collets enables better clamping force than 8° ER collets.
- ▶ Design of square threads for POWER GOOD nuts allows high clamping torque, suitable for heavy-duty machining.
- ▶ TG sealed collets are available for coolant through tools.

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • NUT

Collet	Nut	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Preset Screw
P.X-58~60	P.X-69	P.X-75	P.X-81, 85	P.X-86	P.X-89	P.X-121



DAT / SAF RUNOUT ADJUSTABLE HOLDER

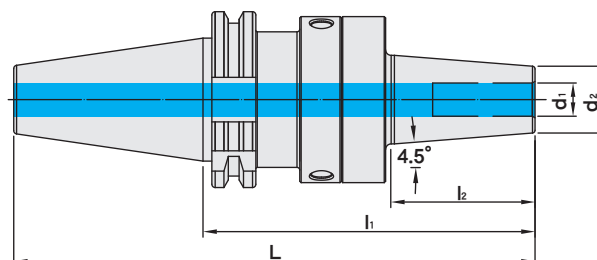
4.5°

DAT / SAF 可調式刀桿

[SFC TYPE]



TW PAT NO. I805264
J P PAT NO. 3237773
D E PAT NO. 202022102696
C N PAT NO. ZL202221891039.3



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	d ₂	COMBINATION		WEIGHT (KGS)
							BODY	FLANGE ADAPTER	
5051-S27-006-120	DAT40 x SAF6C - 120	188.4	120	52	6	21	DAT40 x SAF25	SFC6 - 70	1.74
5051-S27-008-120	DAT40 x SAF8C - 120	188.4	120	52	8	21	DAT40 x SAF25	SFC8 - 70	1.73
5051-S27-010-120	DAT40 x SAF10C - 120	188.4	120	52	10	24	DAT40 x SAF25	SFC10 - 70	1.78
5051-S27-012-120	DAT40 x SAF12C - 120	188.4	120	52	12	24	DAT40 x SAF25	SFC12 - 70	1.76
5051-S27-016-125	DAT40 x SAF16C - 125	193.4	125	57	16	27	DAT40 x SAF25	SFC16 - 75	1.81
5051-S27-020-140	DAT40 x SAF20C - 140	208.4	140	60	20	33	DAT40 x SAF40	SFC20 - 80	2.92
5051-S27-025-160	DAT40 x SAF25C - 160	228.4	160	81	25	44	DAT40 x SAF40	SFC25 - 100	3.45
5051-S27-032-160	DAT40 x SAF32C - 160	228.4	160	81	32	44	DAT40 x SAF40	SFC32 - 100	3.31
5052-S27-006-130	DAT50 x SAF6C - 130	231.75	130	52	6	21	DAT50 x SAF25	SFC6 - 70	3.88
5052-S27-008-130	DAT50 x SAF8C - 130	231.75	130	52	8	21	DAT50 x SAF25	SFC8 - 70	3.87
5052-S27-010-130	DAT50 x SAF10C - 130	231.75	130	52	10	24	DAT50 x SAF25	SFC10 - 70	3.92
5052-S27-012-130	DAT50 x SAF12C - 130	231.75	130	52	12	24	DAT50 x SAF25	SFC12 - 70	3.90
5052-S27-016-135	DAT50 x SAF16C - 135	236.75	135	57	16	27	DAT50 x SAF25	SFC16 - 75	3.95
5052-S27-020-140	DAT50 x SAF20C - 140	241.75	140	60	20	33	DAT50 x SAF40	SFC20 - 80	5.11
5052-S27-025-160	DAT50 x SAF25C - 160	261.75	160	81	25	44	DAT50 x SAF40	SFC25 - 100	5.64
5052-S27-032-160	DAT50 x SAF32C - 160	261.75	160	81	32	44	DAT50 x SAF40	SFC32 - 100	5.50

Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

Standard Accessory: • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Shrink Fit Chuck Flange	Preset Screw
				
P.X-75	P.X-81, 85	P.X-86	P.X-107	P.X-121



DAT / SAF RUNOUT ADJUSTABLE HOLDER

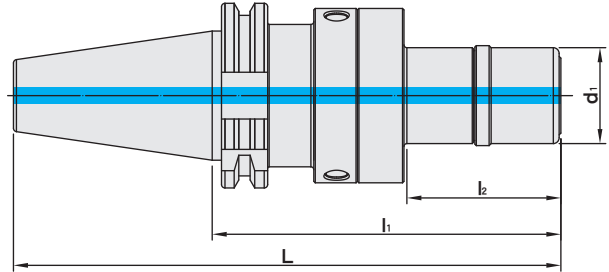
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DAT / SAF 可調式刀桿

[SK3 TYPE]



TW PAT NO. I805264
J P PAT NO. 3237773
D E PAT NO. 202022102696
C N PAT NO. ZL202221891039.3



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	COMBINATION		COLLET	WEIGHT (KGS)
						BODY	FLANGE ADAPTER		
5051-S28-006-100	DAT40 x SAF6K - 100	168.4	100	29	19.5	DAT40 x SAF25	SK306 - 50	SKX6	1.61
5051-S28-006-150	DAT40 x SAF6K - 150	218.4	150	79	19.5	DAT40 x SAF25	SK306 - 100	SKX6	1.70
5051-S28-010-100	DAT40 x SAF10K - 100	168.4	100	32.5	27.5	DAT40 x SAF25	SK310 - 50	SKX10	1.64
5051-S28-010-150	DAT40 x SAF10K - 150	218.4	150	82.5	27.5	DAT40 x SAF25	SK310 - 100	SKX10	1.83
5051-S28-013-120	DAT40 x SAF13K - 120	188.4	120	53	33	DAT40 x SAF25	SK313 - 70	SKX13	1.77
5051-S28-013-150	DAT40 x SAF13K - 150	218.4	150	83	33	DAT40 x SAF25	SK313 - 100	SKX13	1.95
5051-S28-016-130	DAT40 x SAF16K - 130	198.4	130	49.9	40	DAT40 x SAF40	SK316 - 70	SKX16	2.81
5051-S28-016-160	DAT40 x SAF16K - 160	228.4	160	79.9	40	DAT40 x SAF40	SK316 - 100	SKX16	3.07
5052-S28-006-110	DAT50 x SAF6K - 110	211.75	110	29	19.5	DAT50 x SAF25	SK306 - 50	SKX6	3.75
5052-S28-006-160	DAT50 x SAF6K - 160	261.75	160	79	19.5	DAT50 x SAF25	SK306 - 100	SKX6	3.84
5052-S28-010-110	DAT50 x SAF10K - 110	211.75	110	32.5	27.5	DAT50 x SAF25	SK310 - 50	SKX10	3.78
5052-S28-010-160	DAT50 x SAF10K - 160	261.75	160	82.5	27.5	DAT50 x SAF25	SK310 - 100	SKX10	3.97
5052-S28-013-130	DAT50 x SAF13K - 130	231.75	130	53	33	DAT50 x SAF25	SK313 - 70	SKX13	3.91
5052-S28-013-160	DAT50 x SAF13K - 160	261.75	160	83	33	DAT50 x SAF25	SK313 - 100	SKX13	4.09
5052-S28-016-130	DAT50 x SAF16K - 130	231.75	130	49.9	40	DAT50 x SAF40	SK316 - 70	SKX16	5.00
5052-S28-016-160	DAT50 x SAF16K - 160	261.75	160	79.9	40	DAT50 x SAF40	SK316 - 100	SKX16	5.26

Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	SK3 Collet Chuck Flange	Preset Screw
P.X-46~48	P.X-68	P.X-75	P.X-81,83~84,91	P.X-85	P.X-86	P.X-108	P.X-121



DAT / SAF RUNOUT ADJUSTABLE HOLDER

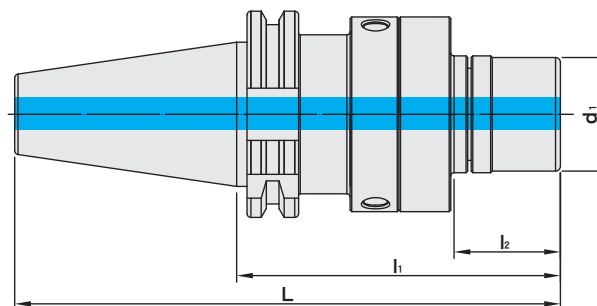


DAT / SAF 可調式刀桿

(UT TYPE)



TW PAT NO. I805264
J P PAT NO. 3237773
D E PAT NO. 202022102696
C N PAT NO. ZL202221891039.3



MODEL NO.	TYPE	L	l ₁	l ₂	d ₁	COMBINATION		COLLET	WEIGHT (KGS)
						BODY	FLANGE ADAPTER		
5051-S30-016-100	DAT40 x SAF16U - 100	168.4	100	32	30	DAT40 x SAF25	UT16 - 50	ER16	1.69
5051-S30-020-100	DAT40 x SAF20U - 100	168.4	100	33	35	DAT40 x SAF25	UT20 - 50	ER20	1.71
5051-S30-025-120	DAT40 x SAF25U - 120	188.4	120	38.9	42	DAT40 x SAF40	UT25 - 60	ER25	2.82
5051-S30-032-120	DAT40 x SAF32U - 120	188.4	120	40.9	48	DAT40 x SAF40	UT32 - 60	ER32	2.85
5052-S30-016-110	DAT50 x SAF16U - 110	211.75	110	32	30	DAT50 x SAF25	UT16 - 50	ER16	3.83
5052-S30-020-110	DAT50 x SAF20U - 110	211.75	110	33	35	DAT50 x SAF25	UT20 - 50	ER20	3.85
5052-S30-025-120	DAT50 x SAF25U - 120	221.75	120	38.9	42	DAT50 x SAF40	UT25 - 60	ER25	5.01
5052-S30-032-120	DAT50 x SAF32U - 120	221.75	120	40.9	48	DAT50 x SAF40	UT32 - 60	ER32	5.04

Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	UT Collet Chuck Flange	Preset Screw
PX-19~22	PX-62	PX-75	PX-81,83~84,91	PX-85	PX-86	PX-109	PX-121

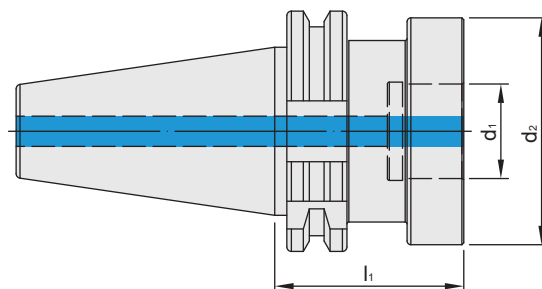


SAF RUNOUT ADJUSTABLE HOLDER BODY

SAF 可調式刀桿本體



TW PAT NO. 1805264
 J P PAT NO. 3237773
 D E PAT NO. 202022102696
 C N PAT NO. ZL202221891039.3



MODEL NO.	TYPE	l_1	d_1	d_2	SAF NO.	WEIGHT (KGS)
5051-783-025-050	DAT40 x SAF25 - 50	50	25	60	1	1.22
5051-783-040-060	DAT40 x SAF40 - 60	60	40	80	2	1.73
5052-783-025-060	DAT50 x SAF25 - 60	60	25	60	1	3.36
5052-783-040-060	DAT50 x SAF40 - 60	60	40	80	2	3.92

DAT / SLN SIDE LOCK END MILL HOLDER

DAT / SLN 側固式立銑刀桿

[DIN 1835]



Fig.1

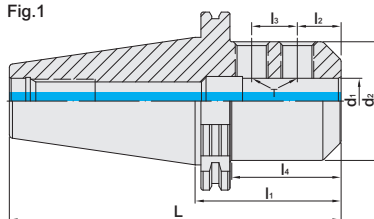
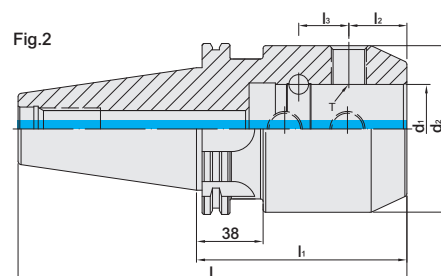


Fig.2



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	l ₄	d ₁	d ₂	T	Fig	WEIGHT (KGS)
5050-653-006-050	DAT30 x SLN6 - 50	97.8	50	18	-	25	6	25	M6 x 1.0P	1	0.73
5050-653-008-050	DAT30 x SLN8 - 50	97.8	50	18	-	27	8	28	M8 x 1.25P	1	0.80
5050-653-010-050	DAT30 x SLN10 - 50	97.8	50	20	-	27	10	35	M10 x 1.5P	1	0.90
5050-653-012-050	DAT30 x SLN12 - 50	97.8	50	22.5	-	29	12	42	M12 x 1.75P	1	0.90
5050-653-016-063	DAT30 x SLN16 - 63	110.8	63	24	-	43	16	45	M14 x 2.0P	1	1.10
5051-653-006-050	DAT40 x SLN6 - 50	118.4	50	18	-	27	6	25	M6 x 1.0P	1	0.85
5051-653-008-050	DAT40 x SLN8 - 50	118.4	50	18	-	27	8	28	M8 x 1.25P	1	1.00
5051-653-010-050	DAT40 x SLN10 - 50	118.4	50	20	-	27	10	35	M10 x 1.5P	1	1.10
5051-653-012-050	DAT40 x SLN12 - 50	118.4	50	22.5	-	30	12	42	M12 x 1.75P	1	1.15
5051-653-014-063	DAT40 x SLN14 - 63	131.4	63	22.5	-	40.9	14	44	M12 x 1.75P	1	1.30
5051-653-016-063	DAT40 x SLN16 - 63	131.4	63	24	-	43	16	48	M14 x 2.0P	1	1.40
5051-653-018-063	DAT40 x SLN18 - 63	131.4	63	24	-	43.1	18	50	M14 x 2.0P	1	1.26
5051-653-020-063	DAT40 x SLN20 - 63	131.4	63	25	-	43	20	52	M16 x 2.0P	1	1.30
5051-653-025-100	DAT40 x SLN25 - 100	168.4	100	24	25	65	25	65	M18 x 2.0P	1	2.40
5051-653-032-100	DAT40 x SLN32 - 100	168.4	100	24	28	65	32	72	M20 x 2.0P	1	2.70
5052-653-006-063	DAT50 x SLN6 - 63	164.75	63	18	-	33	6	25	M6 x 1.0P	1	3.10
5052-653-008-063	DAT50 x SLN8 - 63	164.75	63	18	-	33	8	28	M8 x 1.25P	1	3.10
5052-653-010-063	DAT50 x SLN10 - 63	164.75	63	20	-	33	10	35	M10 x 1.5P	1	3.30
5052-653-012-063	DAT50 x SLN12 - 63	164.75	63	22.5	-	40	12	42	M12 x 1.75P	1	3.50
5052-653-014-063	DAT50 x SLN14 - 63	164.75	63	22.5	-	40.9	14	44	M12 x 1.75P	1	3.50
5052-653-016-063	DAT50 x SLN16 - 63	164.75	63	24	-	40	16	48	M14 x 2.0P	1	3.45
5052-653-018-063	DAT50 x SLN18 - 63	164.75	63	24	-	38.9	18	50	M14 x 2.0P	1	2.99
5052-653-020-063	DAT50 x SLN20 - 63	164.75	63	25	-	40	20	52	M16 x 2.0P	1	3.50
5052-653-025-080	DAT50 x SLN25 - 80	181.75	80	24	25	59	25	65	M18 x 2.0P	1	4.20
5052-653-032-100	DAT50 x SLN32 - 100	201.75	100	24	28	78	32	72	M20 x 2.0P	1	5.00
5052-653-040-100	DAT50 x SLN40 - 100	201.75	100	30	32	80	40	90	M20 x 2.0P	1	5.60
5052-653-042-100	DAT50 x SLN42 - 100	201.75	100	30	32	80	42	90	M20 x 2.0P	1	5.70
5052-653-050-125	DAT50 x SLN50 - 125	226.75	125	35	35	85	50	100	M24 x 2.0P	1	5.90
5052-677-A96-472	DAT50 x SLN50.8 - 120	221.75	120	33.1	28.58	82	50.8	95	M20 x 2.0P	2	5.80
5052-653-063-150	DAT50 x SLN63 - 150	251.75	150	40	40	112	63	125	M20 x 2.0P	1	6.20
5052-677-063-150	DAT50 x SLN63 - 150	251.75	150	40	24	112	63	125	M16 x 2.0P	2	6.20

Features:

- ▶ Internal hole tolerance: H5 (DIN-1835-B standard).
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Taking use of side lock screws to clamp tools with lateral flat surfaces. Good at heavy-duty machining.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Lock Screw
			
P.X-75	P.X-81, 85	P.X-86	P.X-124



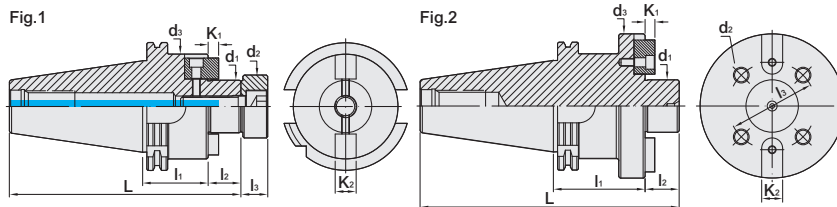
DAT FACE MILL ARBOR

FMB TYPE

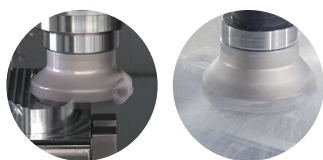
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DAT / FMB 平面銑刀桿

(DIN 6357-B)



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	K ₁	K ₂	Fig	WEIGHT (KGS)
5050-153-022-035	DAT30 x FMB22 - 35	101.8	35	19	14	22	26	45	5	10	1	1.00
5050-153-027-055	DAT30 x FMB27 - 55	122.8	55	20	16	27	31.5	58	6	12	1	1.05
5051-153-016-035	DAT40 x FMB16 - 35	120.4	35	17	-	16	13	34	5	8	1	0.95
5051-153-016-040	DAT40 x FMB16 - 40	125.4	40	17	-	16	13	34	5	8	1	0.95
5051-153-016-100	DAT40 x FMB16 - 100	185.4	100	17	-	16	13	39	5	8	1	1.33
5051-153-016-160	DAT40 x FMB16 - 160	245.4	160	17	-	16	13	39	5	8	1	1.69
5051-153-016-200	DAT40 x FMB16 - 200	285.4	200	17	-	16	13	39	5	8	1	1.92
5051-153-022-035	DAT40 x FMB22 - 35	122.4	35	19	14	22	26	48	5	10	1	1.20
5051-153-027-060	DAT40 x FMB27 - 60	148.4	60	20	16	27	31.5	58	6	12	1	1.80
5051-153-032-060	DAT40 x FMB32 - 60	150.4	60	22	16	32	41	66	7	14	1	2.00
5051-153-040-060	DAT40 x FMB40 - 60	153.4	60	25	20.5	40	48	80	8	16	1	2.60
5052-153-022-035	DAT50 x FMB22 - 35	155.75	35	19	14	22	26	48	5	10	1	3.40
5052-153-027-035	DAT50 x FMB27 - 35	156.75	35	20	16	27	31.5	60	6	12	1	3.50
5052-153-032-035	DAT50 x FMB32 - 35	158.75	35	22	16	32	41	66	7	14	1	3.70
5052-153-040-050	DAT50 x FMB40 - 50	176.75	50	25	20.5	40	48	80	8	16	1	4.70
5052-153-050-060	DAT50 x FMB50 - 60	191.75	60	30	24	50	65	95	10	19	1	5.80
5051-155-040-060	DAT40 x FMB40F - 60	158.4	60	30	66.7	40	M12	89	7.9	16	2	2.90
5052-155-040-070	DAT50 x FMB40F - 70	201.75	70	30	66.7	40	M12	89	7.9	16	2	5.50
5052-155-060-070	DAT50 x FMB60F - 70	211.75	70	40	101.6	60	M16	129	12.4	25.4	2	5.70
5052-156-060-070	DAT50 x FS60 - 70	196.75	70	25	101.6	60	M16	140	12.4	25.4	2	5.50



Features:

- ▶ Metric size.
- ▶ Tolerance of d₁ the connection part with cutter: h₆, which is good for less chatter and longer cutter life.
- ▶ Standard screw attached is w/o coolant hole.
- ▶ To use with face mill cutters with coolant holes, the standard screw has to be changed into the screw with coolant flute, which is available to order separately.

Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Screw
P.X-75	P.X-81, 85	P.X-86	P.X-124

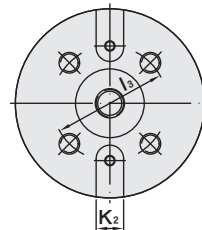
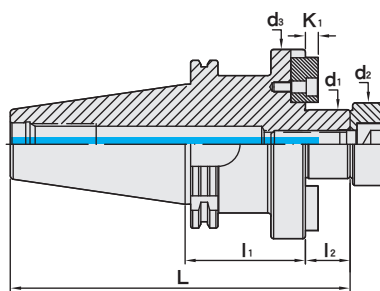
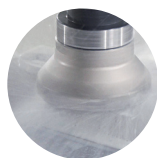
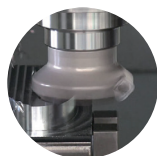


DAT FACE MILL ARBOR

FMB TYPE

DAT / FMB 平面銑刀桿

[DIN 6357-B]



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	K ₁	K ₂	WEIGHT (KGS)
5051-156-040-060	DAT40 x FS40 - 60	154.4	60	26	66.7	40	48	110	7.5	16	3.20
5052-156-040-070	DAT50 x FS40 - 70	197.75	70	26	66.7	40	48	110	7.5	16	5.70

Features:

- ▶ Metric size.
- ▶ Tolerance of d₁ the connection part with cutter: h6, which is good for less chatter and longer cutter life.
- ▶ Standard screw attached is w/o coolant hole.
- ▶ To use with face mill cutters with coolant holes, the standard screw has to be changed into the screw with coolant flute, which is available to order separately.

Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Screw
			
P.X-75	P.X-81, 85	P.X-86	P.X-124

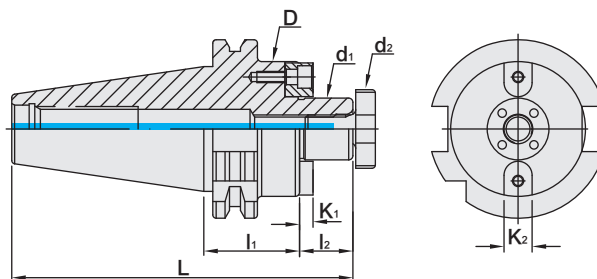
DAT FACE MILL ARBOR

FMC TYPE

DAT

DAT / FMC 平面銑刀桿

(DIN 6357-B)



MODEL NO.	TYPE	L	l ₁	l ₂	D	d ₁	d ₂	K ₁	K ₂	WEIGHT (KGS)
5050-157-016-060	DAT30 x FMC 16 - 60	124.8	60	17	38	16	20	5	8	0.84
5050-157-022-060	DAT30 x FMC22 - 60	126.8	60	19	50	22	28	4.8	10	0.91
5050-157-027-060	DAT30 x FMC27 - 60	127.8	60	20	60	27	35	5.8	12	1.11
5051-157-016-050	DAT40 x FMC 16 - 50	135.4	50	17	38	16	20	5	8	1.25
5051-157-022-050	DAT40 x FMC22 - 50	137.4	50	19	50	22	28	4.8	10	1.32
5051-157-027-060	DAT40 x FMC27 - 60	148.4	60	20	58	27	35	5.8	12	1.55
5051-157-032-060	DAT40 x FMC32 - 60	150.4	60	22	78	32	42	6.8	14	1.85
5052-157-016-050	DAT50 x FMC 16 - 50	168.75	50	17	40	16	20	5	8	3.01
5052-157-022-050	DAT50 x FMC22 - 50	170.75	50	19	50	22	28	4.8	10	3.08
5052-157-027-050	DAT50 x FMC27 - 50	171.75	50	20	60	27	35	5.8	12	3.28
5052-157-032-060	DAT50 x FMC32 - 60	183.75	60	22	78	32	42	6.8	14	3.61
5052-157-040-070	DAT50 x FMC40 - 70	196.75	70	25	89	40	52	7.9	16	4.21

Features:

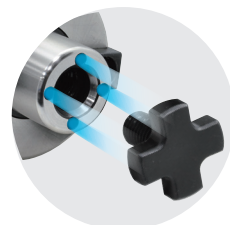
- ▶ With four coolant holes on the face of tool holder to match with face mill cutters with coolant holes.
- ▶ Tolerance of d₁ the connection part with cutter: h6, which is good for less chatter and longer cutter life

Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Standard Accessory: • NUT • SPANNER

Pull Stud	Nut	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
P.X-72~73	P.X-80	P.X-80	P.X-81, 85	P.X-86



DAT / STA SYNCHRONIZED TAPPING HOLDER

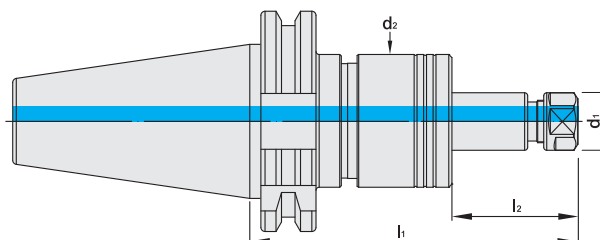


DAT / STA 同步補償攻牙刀桿

[ER TYPE]



TW PAT NO. I615223
US PAT NO. 9796059
CN PAT NO. ZL201620889099.X
IT PAT NO. 202023000000993



MODEL NO.	TYPE	l ₁	l ₂	d ₁	d ₂	COMBINATION		WEIGHT (KGS)
						BODY	TAP ADAPTER	
5051-S22-011-130	DAT40 x STA11E - 130	130	70	19	42	DAT40 x STA1	STA1 - ER11A - 70	1.37
5051-S22-016-085	DAT40 x STA16E - 85	85	25	28	42	DAT40 x STA1	STA1 - ER16A - 25	1.11
5051-S22-016-130	DAT40 x STA16E - 130	130	70	28	42	DAT40 x STA1	STA1 - ER16A - 70	1.31
5051-S22-016-210	DAT40 x STA16E - 210	210	150	28	42	DAT40 x STA1	STA1 - ER16A - 150	2.13
5051-S22-020-094	DAT40 x STA20E - 94	94	34	34	42	DAT40 x STA1	STA1 - ER20A - 34	1.64
5051-S22-020-130	DAT40 x STA20E - 130	130	70	34	42	DAT40 x STA1	STA1 - ER20A - 70	1.80
5051-S22-032-130	DAT40 x STA32E - 130	130	40	50	58	DAT40 x STA2	STA2 - ER32 - 40	1.94
5051-S22-032-160	DAT40 x STA32E - 160	160	70	50	58	DAT40 x STA2	STA2 - ER32 - 70	2.17
5052-S22-011-130	DAT50 x STA11E - 130	130	70	19	42	DAT50 x STA1	STA1 - ER11A - 70	1.86
5052-S22-016-085	DAT50 x STA16E - 85	85	25	28	42	DAT50 x STA1	STA1 - ER16A - 25	1.60
5052-S22-016-130	DAT50 x STA16E - 130	130	70	28	42	DAT50 x STA1	STA1 - ER16A - 70	1.80
5052-S22-016-210	DAT50 x STA16E - 210	210	150	28	42	DAT50 x STA1	STA1 - ER16A - 150	2.13
5052-S22-020-094	DAT50 x STA20E - 94	94	34	34	42	DAT50 x STA1	STA1 - ER20A - 34	2.87
5052-S22-020-130	DAT50 x STA20E - 130	130	70	34	42	DAT50 x STA1	STA1 - ER20A - 70	3.03
5052-S22-032-120	DAT50 x STA32E - 120	120	40	50	58	DAT50 x STA2	STA2 - ER32 - 40	3.17
5052-S22-032-150	DAT50 x STA32E - 150	150	70	50	58	DAT50 x STA2	STA2 - ER32 - 70	3.78

Features:

- ▶ Internal steel component allows the micro-compensation for the misfeed of spindle ballscrew and overload. Improve tapping quality and tap life. Optimum male and female threaded fitting is achieved due to the premium design!
- ▶ To prevent from interfering, the longer adapter can be custom-made.
- ▶ Coolant-through is available with coolant pressure up to 70 bar. STA has long use life even the synchronized micro-compensation mechanism is used at high coolant pressure..
- ▶ Modular design to meet more diverse demand.
- ▶ One of SYIC products patented by US invention.

Product information:

- ▶ AD+B type is available, please inform us when making an order.

Application:

- ▶ Ideal for everyday tapping, high speed and high production tapping for modern CNC machines capable of rigid tapping.
- ▶ Also ideal for high-end tapping applications in modern CNC machines (small taps or difficult materials resulting in high torque loads).

Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	TAP ADAPTER
						
P.X-19~44	P.X-63~67	P.X-75	P.X-81~84,87,91	P.X-85	P.X-86	P.X-110

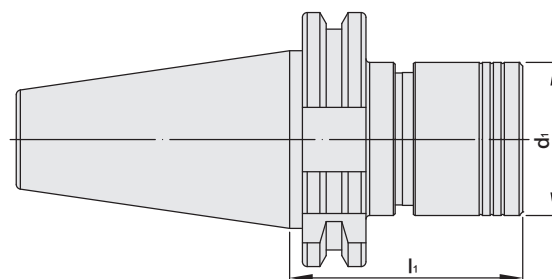


DAT / STA SYNCHRONIZED TAPPING HOLDER BODY

DAT / STA 同步補償攻牙刀桿本體



TW PAT NO. I615223
 US PAT NO. 9796059
 CN PAT NO. ZL201620889099.X
 IT PAT NO. 202023000000993

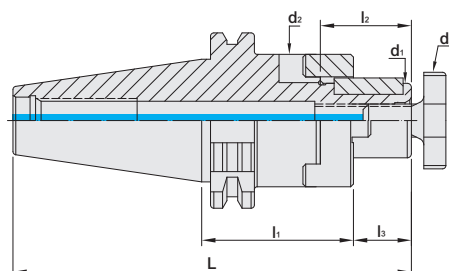


MODEL NO.	TYPE	l_1	d_1	STA NO.	WEIGHT (KGS)
5051-795-001-060	DAT40 x STA1 - 60	60	42	1	1.01
5051-795-002-090	DAT40 x STA2 - 90	90	58	2	1.50
5052-795-001-060	DAT50 x STA1 - 60	60	42	1	2.73
5052-795-002-080	DAT50 x STA2 - 80	80	58	2	3.11

DAT / CSR COMBI SHELL END MILL ARBOR

DAT / CSR 聯結式銑刀桿

(DIN 6358-B)



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	WEIGHT (KGS)
5050-061-016-050	DAT30 x CSR16 - 50	114.8	50	27	17	16	32	20	1.40
5050-061-022-050	DAT30 x CSR22 - 50	116.8	50	31	19	22	40	28	1.60
5050-061-027-055	DAT30 x CSR27 - 55	123.8	55	33	21	27	48	35	1.80
5051-061-016-055	DAT40 x CSR16 - 55	140.4	55	27	17	16	32	20	1.20
5051-061-022-055	DAT40 x CSR22 - 55	142.4	55	31	19	22	40	28	1.50
5051-061-027-055	DAT40 x CSR27 - 55	144.4	55	33	21	27	48	35	1.90
5051-061-032-060	DAT40 x CSR32 - 60	152.4	60	38	24	32	58	42	2.40
5051-061-040-060	DAT40 x CSR40 - 60	155.4	60	41	27	40	70	52	3.00
5052-061-016-055	DAT50 x CSR16 - 55	173.75	55	27	17	16	32	20	4.40
5052-061-022-055	DAT50 x CSR22 - 55	175.75	55	31	19	22	40	28	4.60
5052-061-027-055	DAT50 x CSR27 - 55	177.75	55	33	21	27	48	35	4.80
5052-061-032-055	DAT50 x CSR32 - 55	180.75	55	38	24	32	58	42	5.00
5052-061-040-055	DAT50 x CSR40 - 55	183.75	55	41	27	40	70	52	5.20
5052-061-050-070	DAT50 x CSR50 - 70	201.75	70	46	30	50	90	63	5.40

Features:

- ▶ Used with face milling cutters or side disc cutters.
- ▶ Removable ring, nut and spanner are included.

Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • Key • REMOVABLE RING • NUT • SPANNER

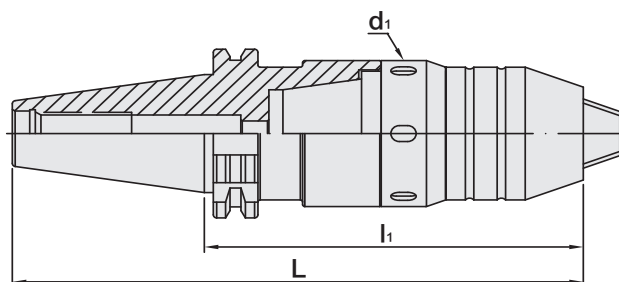
Pull Stud	Key	Removable Ring	Nut	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
						
P.X-75	P.X-80	P.X-80	P.X-80	P.X-80	P.X-81, 85	P.X-86

DAT / SPH DRILL CHUCK ADAPTER

INTEGRATED TYPE

DAT

DAT / SPH 直結式鑽夾頭



MODEL NO.	TYPE	L	l ₁	d ₁	CLAMPING CAPACITY	WEIGHT (KGS)
5051-680-008-090	DAT40 x SPH8 - 90	158.4	90	42	1 ~ 8	1.78
5051-680-013-115	DAT40 x SPH13 - 115	183.4	115	54	1 ~ 13	2.33
5051-680-013-135	DAT40 x SPH13 - 135	203.4	135	54	1 ~ 13	2.63
5051-680-016-130	DAT40 x SPH16 - 130	198.4	130	62	3 ~ 16	2.83
5051-680-016-150	DAT40 x SPH16 - 150	218.4	150	62	3 ~ 16	3.18
5052-680-008-085	DAT50 x SPH8 - 85	186.75	85	42	1 ~ 8	2.33
5052-680-013-100	DAT50 x SPH13 - 100	201.75	100	54	1 ~ 13	2.63
5052-680-013-120	DAT50 x SPH13 - 120	221.75	120	54	1 ~ 13	2.83
5052-680-016-100	DAT50 x SPH16 - 100	201.75	100	62	3 ~ 16	3.15
5052-680-016-120	DAT50 x SPH16 - 120	221.75	120	62	3 ~ 16	3.25

Features:

- ▶ The adapter has a taper design to assemble with drill chuck and then lock with a screw, ensuring to have better stability and drill chuck would not fall off.
- ▶ Used for drilling & tapping.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

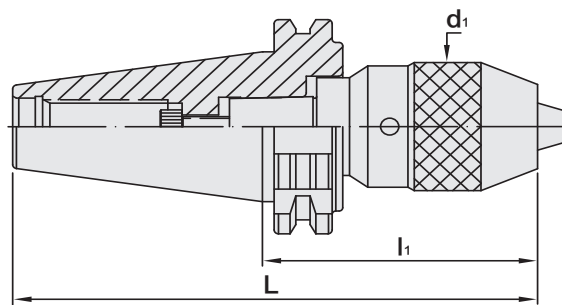
Standard Accessory: • SPANNER

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-75	P.X-81, 85	P.X-86



DAT / SPU DRILL CHUCK ADAPTER

DAT / SPU 直結式鑽夾頭



MODEL NO.	TYPE	L	l ₁	d ₁	CLAMPING CAPACITY	WEIGHT (KGS)
5050-669-008-080	DAT30 x SPU8 - 80	127.8	80	37	1 ~ 8	0.60
5050-669-013-120	DAT30 x SPU13 - 120	167.8	120	50	1 ~ 13	1.45
5050-669-016-120	DAT30 x SPU16 - 120	167.8	120	57	3 ~ 16	1.78
5051-669-008-075	DAT40 x SPU8 - 75	143.4	75	37	1 ~ 8	1.32
5051-669-013-100	DAT40 x SPU13 - 100	168.4	100	50	1 ~ 13	1.92
5051-669-016-115	DAT40 x SPU16 - 115	183.4	115	57	3 ~ 16	2.28
5052-669-008-075	DAT50 x SPU8 - 75	176.75	75	37	1 ~ 8	3.86
5052-669-013-100	DAT50 x SPU13 - 100	201.75	100	50	1 ~ 13	4.40
5052-669-016-105	DAT50 x SPU16 - 105	206.75	105	57	3 ~ 16	4.48

Features:

- ▶ The adapter has a taper design to assemble with drill chuck and then lock with a screw, ensuring to have better stability and drill chuck would not fall off.
- ▶ Used for drilling.

Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Standard Accessory: • SPANNER

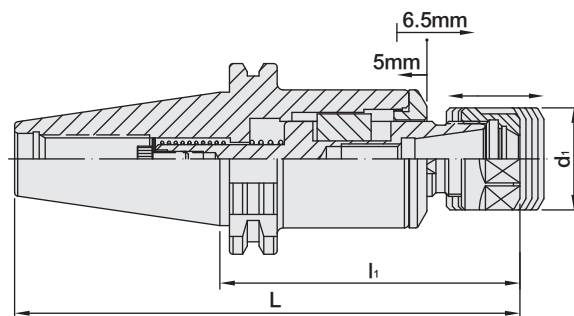
Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner
			
P.X-75	P.X-81, 85	P.X-86	P.X-89

DAT EXPANSION ER TAPPER

DAT



DAT / ETP 伸縮 ER 攻牙器



MODEL NO.	TYPE	L	l ₁	d ₁	COLLET	CAPACITY	WEIGHT (KGS)
5051-124-016-120	DAT40 x ETP16A - 120	188.4	120	28	ER16	M3 - M12	1.65
5051-124-016-150	DAT40 x ETP16A - 150	218.4	150	28	ER16	M3 - M12	1.85
5051-124-020-100	DAT40 x ETP20A - 100	168.4	100	34	ER20	M3 - M17	1.50
5051-124-020-150	DAT40 x ETP20A - 150	218.4	150	34	ER20	M3 - M17	1.90
5051-102-020-200	DAT40 x ETP20M - 200	268.4	200	28	ER20	M3 - M17	2.15
5051-124-032-125	DAT40 x ETP32 - 125	193.4	125	50	ER32	M3 - M27	2.10
5052-124-016-120	DAT50 x ETP16A - 120	221.75	120	28	ER16	M3 - M12	4.30
5052-124-016-150	DAT50 x ETP16A - 150	251.75	150	28	ER16	M3 - M12	4.50
5052-124-020-100	DAT50 x ETP20A - 100	201.75	100	34	ER20	M3 - M17	4.30
5052-124-020-150	DAT50 x ETP20A - 150	251.75	150	34	ER20	M3 - M17	4.60
5052-102-020-200	DAT50 x ETP20M - 200	301.75	200	28	ER20	M3 - M17	4.70
5052-124-032-125	DAT50 x ETP32 - 125	226.75	125	50	ER32	M3 - M27	4.65

Features:

- ▶ Tension: 6.5mm, compression: 5mm.
- ▶ Suitable for traditional CNC machines without rigid tapping program.
- ▶ Using with rigid tap collets increases the clamping force, prevents taps from falling off and improves the machining efficiency.

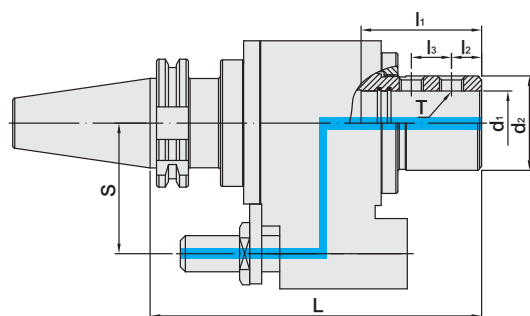
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-19~22, 37~38	P.X-63~64	P.X-75	P.X-81~82,87	P.X-85	P.X-86	P.X-121



DAT SIDE LOCK OIL HOLE HOLDER

DAT / OSL 側固式油路刀把



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	S	d ₁	d ₂	T	WEIGHT (KGS)
5051-604-161-165	DAT40 x OSL16 - 165	165	48	25	-	65	16	46.5	M12 x 1.75P	3.50
5051-604-201-165	DAT40 x OSL20 - 165	165	50	25	-	65	20	46.5	M12 x 1.75P	3.50
5051-604-251-165	DAT40 x OSL25 - 165	165	56	15	20	65	25	46.5	M12 x 1.75P	3.50
5051-604-321-165	DAT40 x OSL32 - 165	165	60	15	20	65	32	47	M12 x 1.75P	3.50
5051-604-162-165	DAT40 x OSL16 - 165S	165	48	25	-	60	16	46.5	M12 x 1.75P	3.50
5051-604-202-165	DAT40 x OSL20 - 165S	165	50	25	-	60	20	46.5	M12 x 1.75P	3.50
5051-604-252-165	DAT40 x OSL25 - 165S	165	56	15	20	60	25	46.5	M12 x 1.75P	3.50
5051-604-322-165	DAT40 x OSL32 - 165S	165	60	15	20	60	32	47	M12 x 1.75P	3.80
5052-604-163-165	DAT50 x OSL16 - 165	165	48	25	-	80	16	56	M14 x 2.0P	7.00
5052-604-203-165	DAT50 x OSL20 - 165	165	50	25	-	80	20	56	M12 x 1.75P	7.50
5052-604-253-165	DAT50 x OSL25 - 165	165	56	15	20	80	25	56	M16 x 2.0P	7.50
5052-604-323-170	DAT50 x OSL32 - 170	170	60	15	20	80	32	56	M16 x 2.0P	7.80
5052-604-403-170	DAT50 x OSL40 - 170	170	62	15	25	80	40	56	M14 x 2.0P	8.50
5052-604-164-165	DAT50 x OSL16 - 165M	165	48	25	-	82	16	56	M14 x 2.0P	7.10
5052-604-204-165	DAT50 x OSL20 - 165M	165	50	25	-	82	20	56	M12 x 1.75P	7.60
5052-604-254-165	DAT50 x OSL25 - 165M	165	56	15	20	82	25	56	M16 x 2.0P	7.70
5052-604-324-170	DAT50 x OSL32 - 170M	170	60	15	20	82	32	56	M16 x 2.0P	7.80
5052-604-404-170	DAT50 x OSL40 - 170M	170	62	15	25	82	40	56	M14 x 2.0P	8.50
5052-604-165-165	DAT50 x OSL16 - 165L	165	48	25	-	85	16	56	M14 x 2.0P	7.20
5052-604-205-165	DAT50 x OSL20 - 165L	165	50	25	-	85	20	56	M12 x 1.75P	7.80
5052-604-255-165	DAT50 x OSL25 - 165L	165	56	15	20	85	25	56	M16 x 2.0P	7.80
5052-604-325-170	DAT50 x OSL32 - 170L	170	60	15	20	85	32	56	M16 x 2.0P	8.00
5052-604-405-170	DAT50 x OSL40 - 170L	170	62	15	25	85	40	56	M14 x 2.0P	8.70

Features:

- ▶ Internal hole tolerance is H5.
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Used for machines w/o center or side coolant and achieve coolant through tools.

Product information:

- ▶ Coolant pressure up to 7 kgf/cm².
- ▶ Max. revolution: 3,000 rpm.

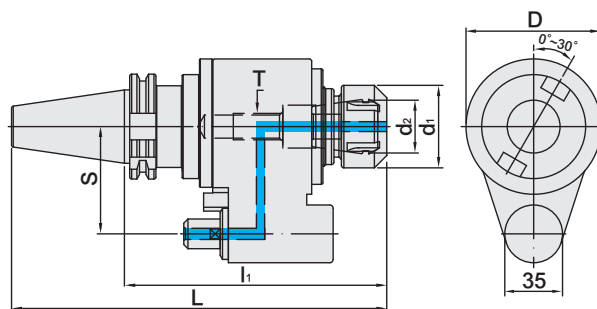
Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Straight Sleeve	Lock Screw	Fixed Block
					
P.X-75	P.X-81, 85	P.X-86	P.X-116	P.X-124	P.X-129

DAT / OHER OIL HOLE COLLET CHUCK

DAT



DAT / OHER 油路刀把



MODEL NO.	TYPE	L	l ₁	D	d ₁	d ₂ ER	S	T	WEIGHT (KGS)
5051-601-161-160	DAT40 x OHER16 - 160	228.4	160	82	28	16	65	M10	3.80
5051-601-201-160	DAT40 x OHER20 - 160	228.4	160	82	34	20	65	M12	4.10
5051-601-251-160	DAT40 x OHER25 - 160	228.4	160	82	42	25	65	M16	4.30
5051-601-321-160	DAT40 x OHER32 - 160	228.4	160	82	50	32	65	M16	4.50
5052-601-163-160	DAT50 x OHER16 - 160	261.75	160	98	28	16	80	M10	7.00
5052-601-203-160	DAT50 x OHER20 - 160	261.75	160	98	34	20	80	M12	7.10
5052-601-253-160	DAT50 x OHER25 - 160	261.75	160	98	42	25	80	M16	7.20
5052-601-323-160	DAT50 x OHER32 - 160	261.75	160	98	50	32	80	M16	7.30
5052-601-403-160	DAT50 x OHER40 - 160	261.75	160	98	63	40	80	M20	7.50

Features:

- Used for machines w/o center or side coolant and achieve coolant through tools.

Product information:

- Coolant pressure up to 7 kgf/cm².
- Max. revolution: 3,000 rpm.

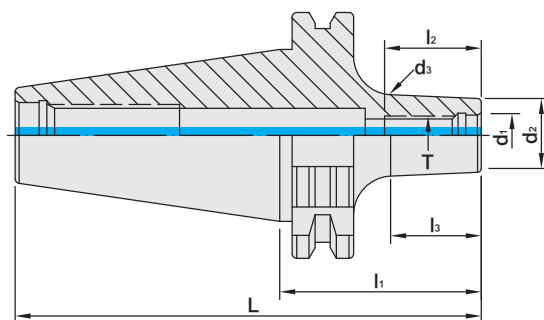
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw	Fixed Block
P.X-19~45	P.X-63,67	P.X-75	P.X-81~82、87	P.X-85	P.X-86	P.X-121	P.X-129



DAT / SOM SCREWED END MILL HOLDER

DAT / SOM 螺紋鎖固式刀桿



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	d ₃	T	WEIGHT (KGS)
5050-670-006-060	DAT30 x SOM6 - 60	107.8	60	25	31	6.5	13	15	M6 x 1.0P	0.40
5050-670-008-060	DAT30 x SOM8 - 60	107.8	60	25	31	8.5	15	17	M8 x 1.25P	0.40
5050-670-010-060	DAT30 x SOM10 - 60	107.8	60	25	31	10.5	19	21	M10 x 1.5P	0.40
5050-670-012-070	DAT30 x SOM12 - 70	117.8	70	31	41	12.5	21	23	M12 x 1.75P	0.42
5050-670-016-080	DAT30 x SOM16 - 80	127.8	80	31	56	17	25	29	M16 x 2.0P	0.42
5051-670-006-060	DAT40 x SOM6 - 60	128.4	60	25	31	6.5	13	15	M6 x 1.0P	1.00
5051-670-008-060	DAT40 x SOM8 - 60	128.4	60	25	31	8.5	15	17	M8 x 1.25P	1.00
5051-670-010-060	DAT40 x SOM10 - 60	128.4	60	25	31	10.5	19	21	M10 x 1.5P	1.10
5051-670-012-070	DAT40 x SOM12 - 70	138.4	70	31	41	12.5	21	23	M12 x 1.75P	1.10
5051-670-016-080	DAT40 x SOM16 - 80	148.4	80	30	56	17	25	29	M16 x 2.0P	1.20
5052-670-006-060	DAT50 x SOM6 - 60	161.75	60	25	31	6.5	13	15	M6 x 1.0P	2.90
5052-670-008-060	DAT50 x SOM8 - 60	161.75	60	25	31	8.5	15	17	M8 x 1.25P	2.90
5052-670-010-060	DAT50 x SOM10 - 60	161.75	60	25	31	10.5	19	21	M10 x 1.5P	3.00
5052-670-012-070	DAT50 x SOM12 - 70	171.75	70	31	41	12.5	21	23	M12 x 1.75P	3.00
5052-670-016-080	DAT50 x SOM16 - 80	181.75	80	31	56	17	25	29	M16 x 2.0P	3.00

Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-75	P.X-81, 85	P.X-86



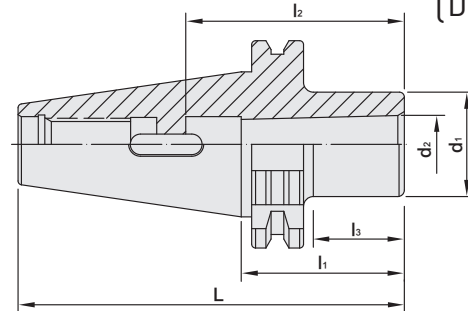
DAT MORSE TAPER ADAPTER

TANG TYPE

DAT

DAT 斜柄鑽頭套筒

(DIN 228-2)
(DIN 6383)



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	WEIGHT (KGS)
5050-465-001-050	DAT30 x MTA1 - 50	97.8	50	56	27	25	12.065	0.55
5050-465-002-060	DAT30 x MTA2 - 60	107.8	60	67	37	32	17.78	0.80
5050-465-003-075	DAT30 x MTA3 - 75	122.8	75	84	53	40	23.825	1.00
5051-465-001-050	DAT40 x MTA1 - 50	118.4	50	56	22	25	12.065	0.95
5051-465-002-050	DAT40 x MTA2 - 50	118.4	50	67	27	32	17.78	0.95
5051-465-003-070	DAT40 x MTA3 - 70	138.4	70	84	47	40	23.825	1.10
5051-465-004-095	DAT40 x MTA4 - 95	163.4	95	107	74	48	31.267	1.35
5052-465-001-045	DAT50 x MTA1 - 45	146.75	45	56	22	25	12.065	3.00
5052-465-002-060	DAT50 x MTA2 - 60	161.75	60	67	35	32	17.78	3.10
5052-465-003-065	DAT50 x MTA3 - 65	166.75	65	84	40	40	23.825	3.20
5052-465-004-095	DAT50 x MTA4 - 95	196.75	95	107	70	48	31.267	3.40
5052-465-005-105	DAT50 x MTA5 - 105	206.75	105	135	80	63	44.399	3.60

Features:

- The tools used are consistent with Morse Taper DIN228 FROM B (with Tang).

Product information:

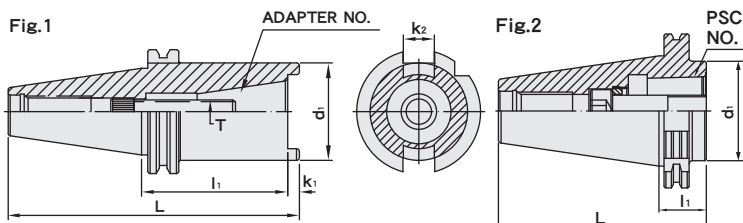
- The pre-balance reaches G6.3 3,000rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-75	P.X-81, 85	P.X-86



DAT ADAPTER

DAT 套筒



MODEL NO.	TYPE	NO.	L	l ₁	d ₁	k ₁	k ₂	T	MAX. TORQUE		Fig	WEIGHT (KGS)
									Nm	ft-lbs		
5051-692-301-075	DAT40 x TSA30M - 75	#30	149.4	75	50	6	16	M12 x 1.75P	45	33	1	1.80
5051-692-303-075	DAT40 x TSA30U - 75	#30	149.4	75	50	6	16	1/2" -12	45	33	1	1.80
5051-013-140-030	DAT40 x PSC32 - 30	PSC32	98.4	30	32	-	-	M12 x 1.5P	45	33	2	1.40
5051-013-141-040	DAT40 x PSC40 - 40	PSC40	108.4	40	40	-	-	M14 x 1.5P	55	40	2	1.50
5051-013-142-050	DAT40 x PSC50 - 50	PSC50	118.4	50	50	-	-	M16 x 1.5P	95	70	2	1.60
5051-013-143-090	DAT40 x PSC63 - 90	PSC63	158.4	90	63	-	-	M20 x 2.0P	170	125	2	2.00
5052-692-301-075	DAT50 x TSA30M - 75	#30	182.75	75	50	6	16	M12 x 1.75P	45	33	1	5.00
5052-692-303-075	DAT50 x TSA30U - 75	#30	182.75	75	50	6	16	1/2" -12	45	33	1	5.00
5052-692-401-075	DAT50 x TSA40M - 75	#40	184.75	75	85	8	16	M16 x 2.0P	45	33	1	4.60
5052-692-403-075	DAT50 x TSA40U - 75	#40	184.75	75	85	8	16	5/8" -11	45	33	1	4.60
5052-013-140-030	DAT50 x PSC32 - 30	PSC32	131.75	30	32	-	-	M12 x 1.5P	45	33	2	4.20
5052-013-141-030	DAT50 x PSC40 - 30	PSC40	131.75	30	40	-	-	M14 x 1.5P	55	40	2	4.30
5052-013-142-030	DAT50 x PSC50 - 30	PSC50	131.75	30	50	-	-	M16 x 1.5P	95	70	2	4.40
5052-013-143-030	DAT50 x PSC63 - 30	PSC63	131.75	30	63	-	-	M20 x 2.0P	170	125	2	4.50
5052-013-143-100	DAT50 x PSC63 - 100	PSC63	201.75	100	63	-	-	M20 x 2.0P	170	125	2	5.00
5052-013-143-150	DAT50 x PSC63 - 150	PSC63	251.75	150	63	-	-	M20 x 2.0P	170	125	2	5.20
5052-013-143-200	DAT50 x PSC63 - 200	PSC63	301.75	200	63	-	-	M20 x 2.0P	170	125	2	5.40
5052-013-143-250	DAT50 x PSC63 - 250	PSC63	351.75	250	63	-	-	M20 x 2.0P	170	125	2	5.80
5052-013-143-300	DAT50 x PSC63 - 300	PSC63	401.75	300	63	-	-	M20 x 2.0P	170	125	2	6.00
5052-013-144-050	DAT50 x PSC80 - 50	PSC80	151.75	50	80	-	-	M20 x 2.0P	170	125	2	4.80
5052-013-144-070	DAT50 x PSC80 - 70	PSC80	171.75	70	80	-	-	M20 x 2.0P	170	125	2	4.90
5052-013-144-100	DAT50 x PSC80 - 100	PSC80	201.75	100	80	-	-	M20 x 2.0P	170	125	2	5.10
5052-013-144-120	DAT50 x PSC80 - 120	PSC80	221.75	120	80	-	-	M20 x 2.0P	170	125	2	5.20
5052-013-146-140	DAT50 x PSC100 - 140	PSC100	241.75	140	100	-	-	M24 x 2.0P	380	277	2	7.40

Features:

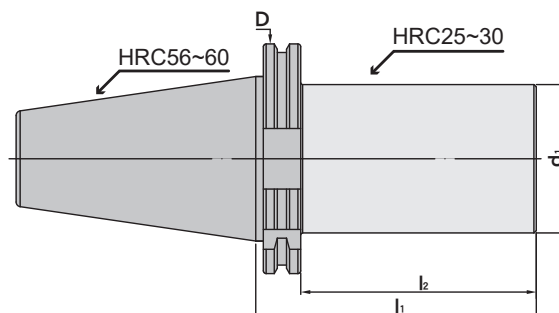
- Convert the machine taper for use with different taper types or taper sizes of tool holders.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-75	P.X-81, 85	P.X-86



DAT BLANK

DAT 素材



MODEL NO.	TYPE	D	d ₁	l ₁	l ₂	WEIGHT (KGS)
5051-001-063-250	DAT40 x Ø63-250	63.55	63	250	230.9	6.32
INCHES						
5052-001-B05-473	DAT50 x Ø2.75" - 4.734"	3.84	2.75	4.734	3.982	5.56
5052-001-B17-332	DAT50 x Ø4.5" - 3.324"	3.84	4.5	3.324	2.572	7.09

Features:

- Blanks can be machined according to customer demands. It is not recommended to do heat treatment after machining.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-75	P.X-81, 85	P.X-86



MEMO