

DAT CATEGORY

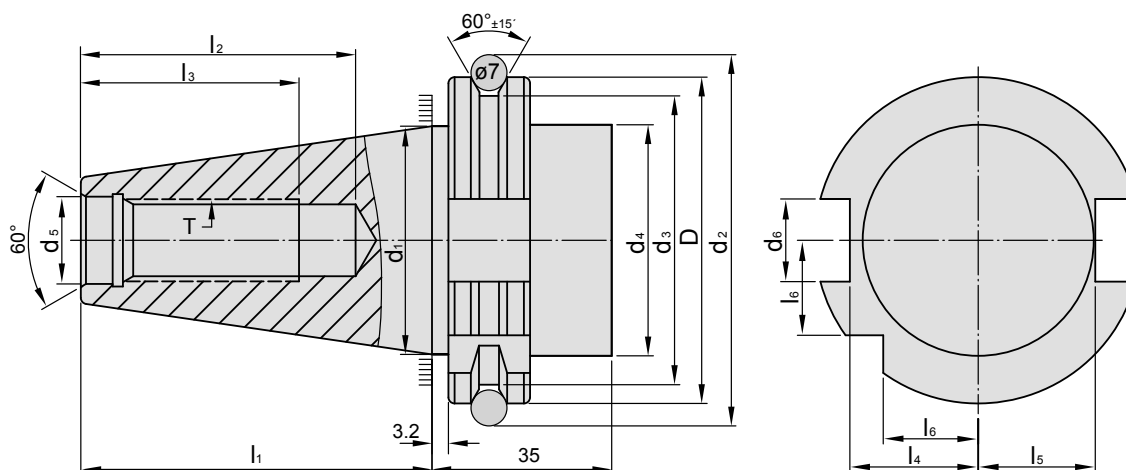
DIN 69871 - A

UT COLLET CHUCK	C-3~4
ER COLLET CHUCK	C-5~7
ER COLLET CHUCK [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 COLLET CHUCK	C-18
TG COLLET CHUCK	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

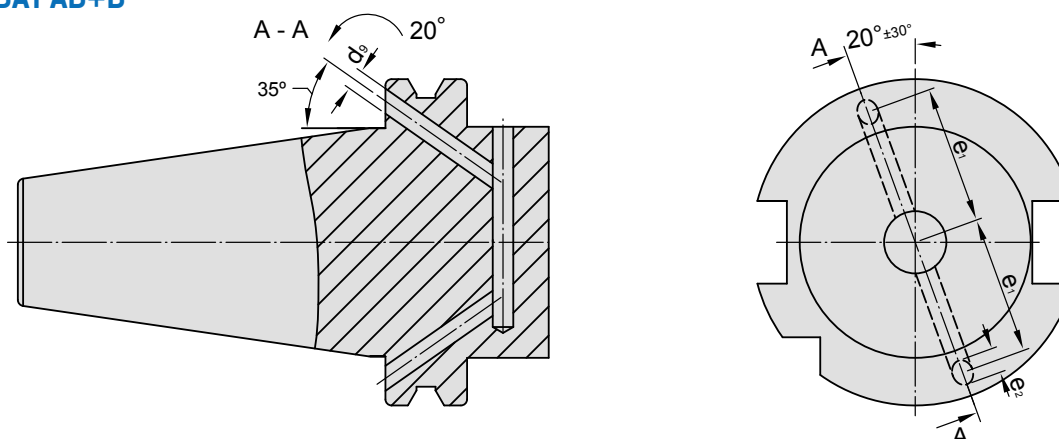
REFERENCE DETAILS

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

DIN69871/DAT A



DIN 69871/DAT AD+B



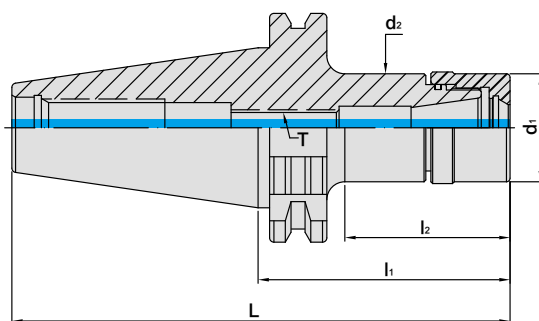
DAT	D 0 -0.1	d ₁	d ₂ ±0.05	d ₃ 0 -0.5	d ₄ max	d ₅ H7	d ₆ H12	d ₉	l ₁ 0 -0.3
30	50	31.75	59.30	44.30	45	13	16.1	4	47.8
40	63.55	44.45	72.30	56.25	50	17	16.1	4	68.4
50	97.50	69.85	107.25	91.25	80	25	25.7	6	101.75
DAT	l ₂ min	l ₃ min	l ₄ 0 -0.4	l ₅ 0 -0.4	l ₆ 0 -0.3	e ₁ ±0.1	e ₂ max	T	
30	33.5	24	19	16.4	15	21	5	M12	
40	42.5	32	25	22.8	18.5	27	5	M16	
50	61.5	47	37.7	35.5	30	42	7	M24	

DAT / UT COLLET CHUCK

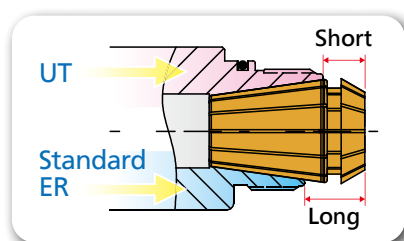
DAT



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

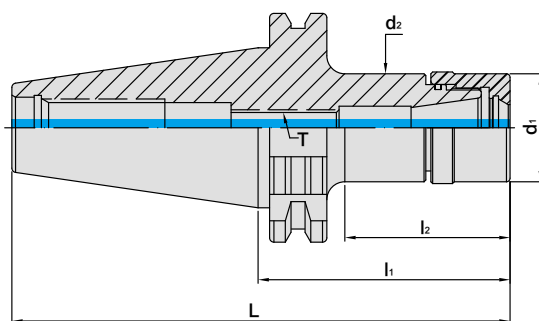
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-18~21	P.X-54	P.X-67	PX-73、75、82	P.X-77	P.X-78	P.X-111



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

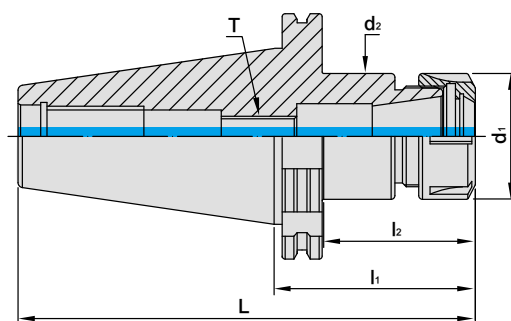
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-18~21	P.X-54	P.X-67	PX-73、75、82	P.X-77	P.X-78	P.X-111

DAT / ER COLLET CHUCK

DAT



DAT / ER 立銑刀夾頭



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	19	19	M6 x 1.0P	1 ~ 7	0.60
5050-108-016-063	DAT30 x ER16A - 63	110.8	63	40	28	28	M10 x 1.5P	1 ~ 10	0.70
5050-108-016-120	DAT30 x ER16A - 120	167.8	120	92	28	28	M10 x 1.5P	1 ~ 10	0.85
5050-108-020-063	DAT30 x ER20A - 63	110.8	63	38	34	34	M12 x 1.75P	1 ~ 13	0.80
5050-108-020-120	DAT30 x ER20A - 120	167.8	120	95	34	34	M12 x 1.75P	1 ~ 13	1.05
5050-110-025-063	DAT30 x ER25 - 63	110.8	63	43	42	42	M16 x 2.0P	1 ~ 16	0.85
5050-110-032-063	DAT30 x ER32 - 63	110.8	63	43	50	44.7	M16 x 2.0P	2 ~ 20	0.90

Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck 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

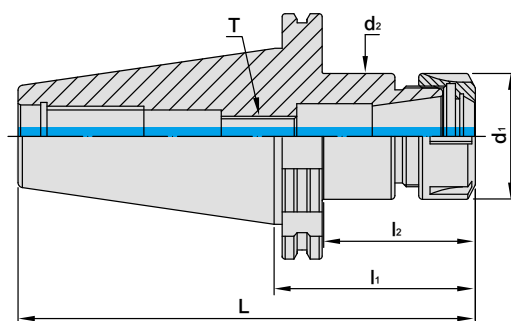
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-18~38	P.X-54~58	P.X-67	PX-73~76、79、82	P.X-77	P.X-78	P.X-111



DAT / ER COLLET CHUCK



DAT / ER 立銑刀夾頭



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	19	19	M6 x 1.0P	1 ~ 7	1.05
5051-108-011-125	DAT40 x ER11A - 125	193.4	125	95	19	19	M6 x 1.0P	1 ~ 7	1.15
5051-108-016-070	DAT40 x ER16A - 70	138.4	70	40	28	28	M10 x 1.5P	1 ~ 10	1.05
5051-108-016-100	DAT40 x ER16A - 100	168.4	100	70	28	28	M10 x 1.5P	1 ~ 10	1.15
5051-108-016-125	DAT40 x ER16A - 125	193.4	125	95	28	28	M10 x 1.5P	1 ~ 10	1.25
5051-108-016-150	DAT40 x ER16A - 150	218.4	150	120	28	28	M10 x 1.5P	1 ~ 10	1.40
5051-108-016-180	DAT40 x ER16A - 180	248.4	180	150	28	28	M10 x 1.5P	1 ~ 10	1.85
5051-108-020-070	DAT40 x ER20A - 70	138.4	70	47	34	34	M12 x 1.75P	1 ~ 13	1.10
5051-108-020-100	DAT40 x ER20A - 100	168.4	100	70	34	34	M12 x 1.75P	1 ~ 13	1.30
5051-108-020-135	DAT40 x ER20A - 135	203.4	135	105	34	34	M12 x 1.75P	1 ~ 13	1.95
5051-108-020-160	DAT40 x ER20A - 160	228.4	160	130	34	34	M12 x 1.75P	1 ~ 13	2.20
5051-110-025-070	DAT40 x ER25 - 70	138.4	70	50	42	42	M16 x 2.0P	1 ~ 16	1.15
5051-110-025-100	DAT40 x ER25 - 100	168.4	100	80	42	42	M16 x 2.0P	1 ~ 16	1.45
5051-110-025-150	DAT40 x ER25 - 150	218.4	150	130	42	42	M16 x 2.0P	1 ~ 16	2.00
5051-110-025-180	DAT40 x ER25 - 180	248.4	180	160	42	42	M16 x 2.0P	1 ~ 16	2.45
5051-110-025-200	DAT40 x ER25 - 200	268.4	200	180	42	42	M16 x 2.0P	1 ~ 16	2.55
5051-110-032-070	DAT40 x ER32 - 70	138.4	70	50	50	49.7	M16 x 2.0P	2 ~ 20	1.22
5051-110-032-100	DAT40 x ER32 - 100	168.4	100	80	50	49.5	M16 x 2.0P	2 ~ 20	1.62
5051-110-032-135	DAT40 x ER32 - 135	203.4	135	115	50	49.7	M16 x 2.0P	2 ~ 20	2.15
5051-110-032-150	DAT40 x ER32 - 150	218.4	150	130	50	49.7	M16 x 2.0P	2 ~ 20	2.65
5051-110-040-070	DAT40 x ER40 - 70	138.4	70	50	63	50	M20 x 2.0P	3 ~ 26	1.25
5051-110-040-100	DAT40 x ER40 - 100	168.4	100	80	63	50	M20 x 2.0P	3 ~ 26	1.65
5051-110-040-135	DAT40 x ER40 - 135	203.4	135	115	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:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck 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

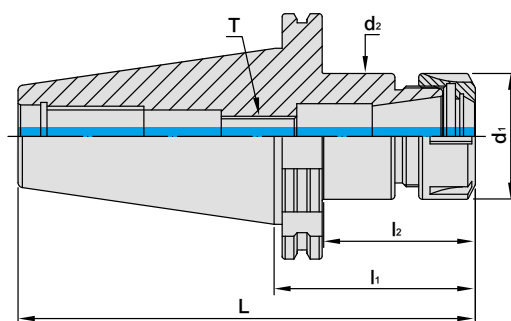
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
PX-18~38	PX-54~58	PX-67	PX-73~76、79、82	PX-77	PX-78	PX-111

DAT / ER COLLET CHUCK

DAT



DAT / ER 立銑刀夾頭



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	28	28	M10 x 1.5P	1 ~ 10	3.20
5052-108-016-135	DAT50 x ER16A - 135	236.75	135	105	28	28	M10 x 1.5P	1 ~ 10	4.30
5052-108-016-160	DAT50 x ER16A - 160	261.75	160	130	28	28	M10 x 1.5P	1 ~ 10	4.50
5052-108-016-180	DAT50 x ER16A - 180	281.75	180	150	28	28	M10 x 1.5P	1 ~ 10	4.80
5052-108-020-100	DAT50 x ER20A - 100	201.75	100	70	34	34	M12 x 1.75P	1 ~ 13	3.40
5052-108-020-135	DAT50 x ER20A - 135	236.75	135	105	34	34	M12 x 1.75P	1 ~ 13	3.60
5052-108-020-160	DAT50 x ER20A - 160	261.75	160	130	34	34	M12 x 1.75P	1 ~ 13	3.80
5052-110-025-070	DAT50 x ER25 - 70	171.75	70	40	42	42	M16 x 2.0P	1 ~ 16	3.40
5052-110-025-100	DAT50 x ER25 - 100	201.75	100	70	42	42	M16 x 2.0P	1 ~ 16	3.54
5052-110-025-150	DAT50 x ER25 - 150	251.75	150	120	42	42	M16 x 2.0P	1 ~ 16	4.50
5052-110-025-200	DAT50 x ER25 - 200	301.75	200	170	42	42	M16 x 2.0P	1 ~ 16	4.70
5052-110-032-080	DAT50 x ER32 - 80	181.75	80	50	50	50	M20 x 2.0P	2 ~ 20	3.60
5052-110-032-120	DAT50 x ER32 - 120	221.75	120	90	50	50	M20 x 2.0P	2 ~ 20	4.50
5052-110-032-160	DAT50 x ER32 - 160	261.75	160	130	50	50	M20 x 2.0P	2 ~ 20	4.60
5052-110-032-200	DAT50 x ER32 - 200	301.75	200	170	50	50	M20 x 2.0P	2 ~ 20	5.16
5052-110-040-080	DAT50 x ER40 - 80	181.75	80	50	63	60	M20 x 2.0P	3 ~ 26	3.65
5052-110-040-120	DAT50 x ER40 - 120	221.75	120	90	63	60	M20 x 2.0P	3 ~ 26	4.42
5052-110-040-160	DAT50 x ER40 - 160	261.75	160	130	63	60	M20 x 2.0P	3 ~ 26	5.20
5052-110-040-200	DAT50 x ER40 - 200	301.75	200	170	63	60	M20 x 2.0P	3 ~ 26	5.40
5052-110-050-080	DAT50 x ER50 - 80	181.75	80	57	78	-	M24 x 2.0P	6 ~ 34	4.85
5052-110-050-120	DAT50 x ER50 - 120	221.75	120	99	78	78	M24 x 2.0P	6 ~ 34	5.45
5052-110-050-160	DAT50 x ER50 - 160	261.75	160	139	78	78	M24 x 2.0P	6 ~ 34	5.55
5052-110-050-200	DAT50 x ER50 - 200	301.75	200	179	78	78	M24 x 2.0P	6 ~ 34	5.70

Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck 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-18~38	P.X-54~58	P.X-67	PX-73~76、79、82	P.X-77	P.X-78	P.X-111

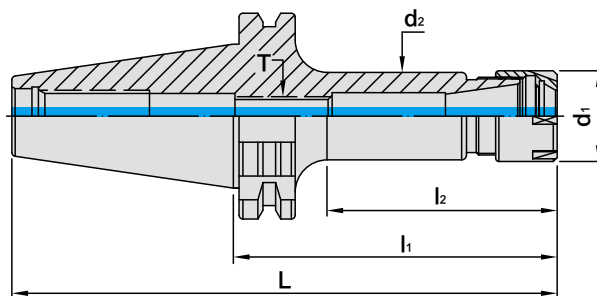


DAT / ER COLLET CHUCK

M TYPE



M 型 DAT / ER 立銑刀夾頭



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	16	15	M6 x 1.0P	1 ~ 7	0.50
5050-123-011-100	DAT30 x ER11M - 100	147.8	100	70	16	15	M6 x 1.0P	1 ~ 7	0.60
5050-123-011-120	DAT30 x ER11M - 120	167.8	120	90	16	15	M6 x 1.0P	1 ~ 7	0.70
5050-123-016-070	DAT30 x ER16M - 70	117.8	70	40	22	21	M10 x 1.5P	1 ~ 10	0.55
5050-123-016-100	DAT30 x ER16M - 100	147.8	100	70	22	21	M10 x 1.5P	1 ~ 10	0.65
5050-123-016-120	DAT30 x ER16M - 120	167.8	120	90	22	21	M10 x 1.5P	1 ~ 10	0.75
5050-123-020-100	DAT30 x ER20M - 100	147.8	100	75	28	27	M12 x 1.75P	1 ~ 13	0.70
5050-123-020-120	DAT30 x ER20M - 120	167.8	120	95	28	27	M12 x 1.75P	1 ~ 13	0.80
5050-123-020-150	DAT30 x ER20M - 150	197.8	150	125	28	27	M12 x 1.75P	1 ~ 13	1.00
5051-123-011-070	DAT40 x ER11M - 70	138.4	70	40	16	15	M6 x 1.0P	1 ~ 7	0.84
5051-123-011-100	DAT40 x ER11M - 100	168.4	100	70	16	15	M6 x 1.0P	1 ~ 7	0.86
5051-123-011-125	DAT40 x ER11M - 125	193.4	125	95	16	15	M6 x 1.0P	1 ~ 7	1.00
5051-123-011-150	DAT40 x ER11M - 150	218.4	150	120	16	15	M6 x 1.0P	1 ~ 7	1.00
5051-123-016-070	DAT40 x ER16M - 70	138.4	70	40	22	21	M10 x 1.5P	1 ~ 10	0.96
5051-123-016-100	DAT40 x ER16M - 100	168.4	100	70	22	21	M10 x 1.5P	1 ~ 10	1.00
5051-123-016-125	DAT40 x ER16M - 125	193.4	125	95	22	21	M10 x 1.5P	1 ~ 10	1.05
5051-123-016-150	DAT40 x ER16M - 150	218.4	150	120	22	21	M10 x 1.5P	1 ~ 10	1.14
5051-123-020-070	DAT40 x ER20M - 70	138.4	70	40	28	27	M12 x 1.75P	1 ~ 13	1.20
5051-123-020-100	DAT40 x ER20M - 100	168.4	100	70	28	27	M12 x 1.75P	1 ~ 13	1.55
5051-123-020-125	DAT40 x ER20M - 125	193.4	125	95	28	27	M12 x 1.75P	1 ~ 13	1.70
5051-123-020-150	DAT40 x ER20M - 150	218.4	150	120	28	27	M12 x 1.75P	1 ~ 13	1.80

Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck 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
PX-18~38	PX-55	PX-67	PX-73~74、79	PX-77	PX-78	PX-111

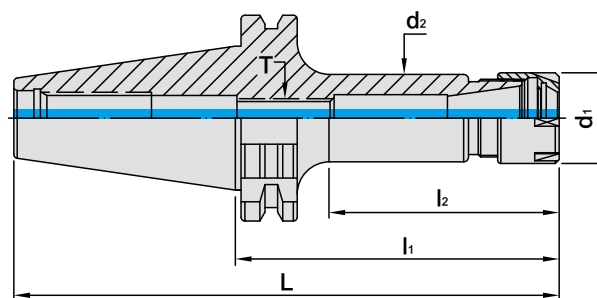
DAT / ER COLLET CHUCK

M TYPE

DAT



M 型 DAT / ER 立銑刀夾頭



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	16	15	M6 x 1.0P	1 ~ 7	3.80
5052-123-011-090	DAT50 x ER11M - 90	191.75	90	60	16	15	M6 x 1.0P	1 ~ 7	3.90
5052-123-011-105	DAT50 x ER11M - 105	206.75	105	56	16	15	M6 x 1.0P	1 ~ 7	4.00
5052-123-011-135	DAT50 x ER11M - 135	236.75	135	86	16	15	M6 x 1.0P	1 ~ 7	4.10
5052-123-011-165	DAT50 x ER11M - 165	266.75	165	98	16	15	M6 x 1.0P	1 ~ 7	4.20
5052-123-016-070	DAT50 x ER16M - 70	171.75	70	40	22	21	M10 x 1.5P	1 ~ 10	3.90
5052-123-016-090	DAT50 x ER16M - 90	191.75	90	60	22	21	M10 x 1.5P	1 ~ 10	4.00
5052-123-016-105	DAT50 x ER16M - 105	206.75	105	68	22	21	M10 x 1.5P	1 ~ 10	4.10
5052-123-016-135	DAT50 x ER16M - 135	236.75	135	98	22	21	M10 x 1.5P	1 ~ 10	4.20
5052-123-016-165	DAT50 x ER16M - 165	266.75	165	128	22	21	M10 x 1.5P	1 ~ 10	4.30
5052-123-020-090	DAT50 x ER20M - 90	191.75	90	60	28	27	M12 x 1.75P	1 ~ 13	4.10
5052-123-020-105	DAT50 x ER20M - 105	206.75	105	71	28	27	M12 x 1.75P	1 ~ 13	4.20
5052-123-020-135	DAT50 x ER20M - 135	236.75	135	101	28	27	M12 x 1.75P	1 ~ 13	4.40
5052-123-020-165	DAT50 x ER20M - 165	266.75	165	131	28	27	M12 x 1.75P	1 ~ 13	4.60

Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck 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

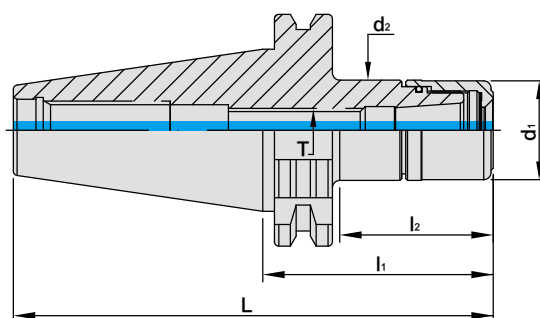
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
PX-18~38	PX-55	PX-67	PX-73~74、79	PX-77	PX-78	PX-111



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	25	48	48.5	-	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

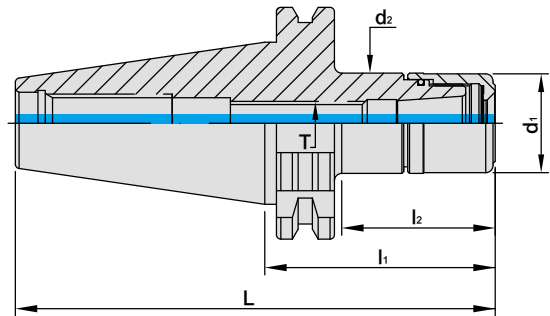
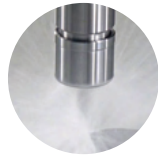
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-39-41	P.X-58	P.X-67	PX-73、75、82	P.X-77	P.X-78	P.X-111

DAT / SK3 COLLET CHUCK

DAT



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	40.75	19.5	19.5	M8 x 1.25P	1 ~ 6	4.00
5052-763-006-100	DAT50 x SK306 - 100	201.75	100	60.75	19.5	19.5	M8 x 1.25P	1 ~ 6	4.10
5052-763-006-120	DAT50 x SK306 - 120	221.75	120	80.75	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	48	48.5	M22 x 1.5P	3 ~ 20	4.10
5052-763-020-135	DAT50 x SK320 - 135	236.75	135	110	48	48.5	M22 x 1.5P	3 ~ 20	4.60
5052-763-025-105	DAT50 x SK325 - 105	206.75	105	80	55	55	M28 x 2.0P	3 ~ 25.4	4.20
5052-763-025-150	DAT50 x SK325 - 150	251.75	150	125	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-39-41	P.X-58	P.X-67	PX-73、75、82	P.X-77	P.X-78	P.X-111

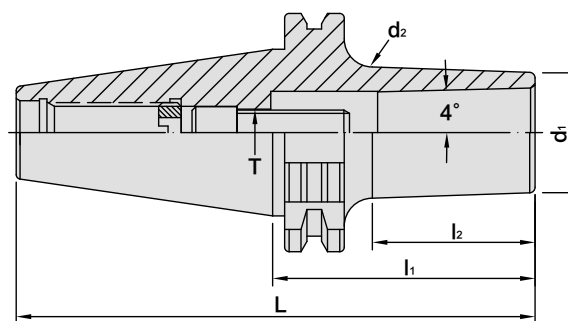


DAT / SBL SLIM-FIT COLLET CHUCK

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-42	P.X-67	P.X-73、77	P.X-78	P.X-80	P.X-114

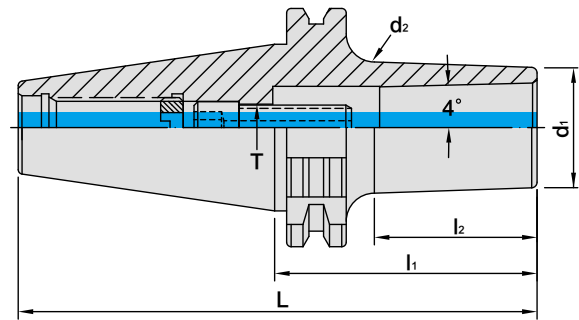
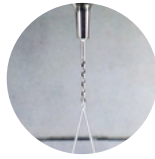


DAT / SBLC SLIM-FIT COLLET CHUCK

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

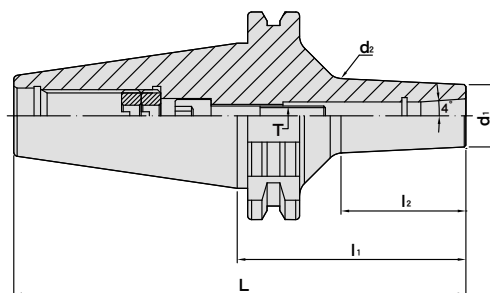
Sealed Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-43	P.X-67	P.X-73、77	P.X-78	P.X-80	P.X-114



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

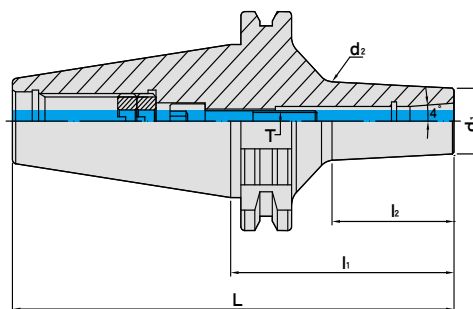
Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-44	P.X-67	P.X-73、77	P.X-78	P.X-80	P.X-114

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

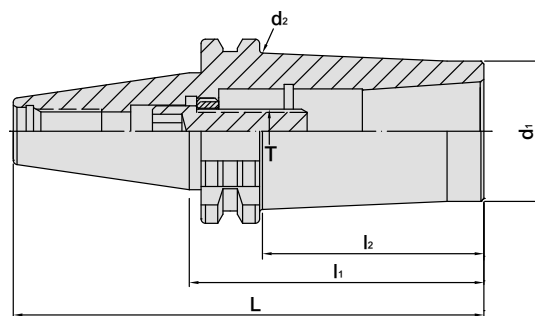
Collet	Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner	Screw
P.X-44	P.X-67	P.X-73、77	P.X-78	P.X-80	P.X-114



DAT / HBL SLIM-FIT COLLET CHUCK

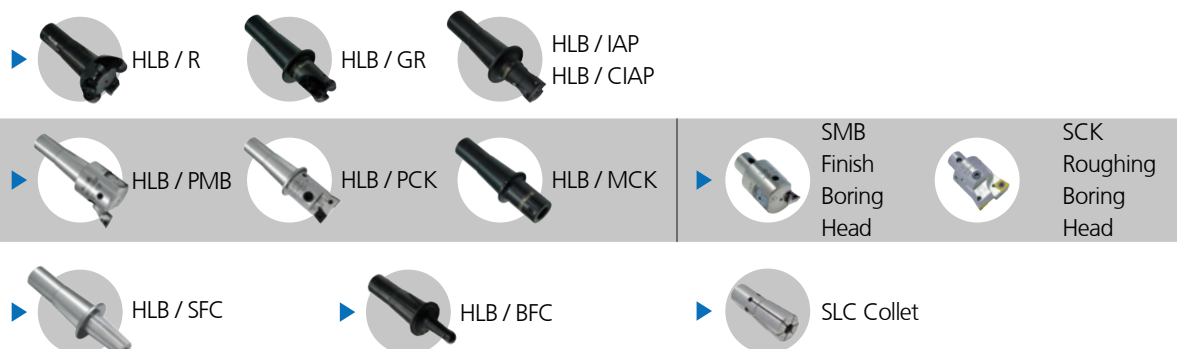


DAT / HBL 後拉式立銑刀夾頭



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-42~43	P.X-67	P.X-73、77	P.X-78	P.X-80	P.X-83~97	P.X-114

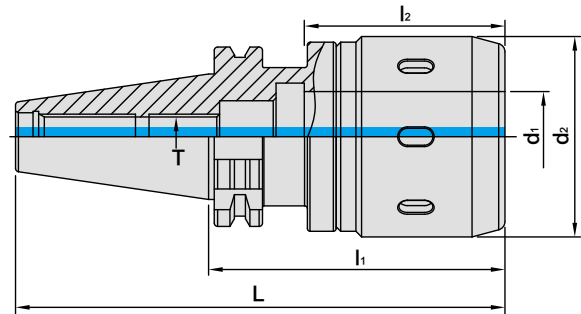
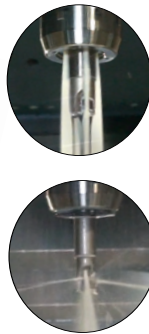
DAT / MLD MULTI-LOCK MILLING CHUCK

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 and SSC collet 20μm 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-46~47	P.X-62	P.X-63	P.X-67	P.X-79~80	P.X-82	P.X-73、77	P.X-78	P.X-111

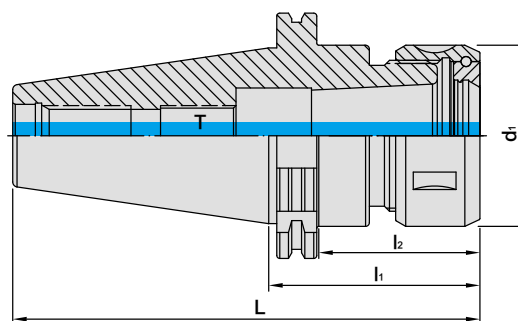


DAT / EOC COLLET CHUCK



DAT / EOC 立銑刀夾頭

(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	60	M12 x 1.75P	3 ~ 25	1.50
5051-121-025-080	DAT40 x EOC25 - 80	148.4	80	60	60	M16 x 2.0P	3 ~ 25	1.85
5051-121-025-100	DAT40 x EOC25 - 100	168.4	100	80	60	M16 x 2.0P	3 ~ 25	2.30
5051-121-025-120	DAT40 x EOC25 - 120	188.4	120	100	60	M16 x 2.0P	3 ~ 25	2.55
5051-121-032-090	DAT40 x EOC32 - 90	158.4	90	70	72	M20 x 2.0P	4 ~ 32	1.95
5051-121-032-120	DAT40 x EOC32 - 120	188.4	120	100	72	M20 x 2.0P	4 ~ 32	2.35
5052-121-025-070	DAT50 x EOC25 - 70	171.75	70	50	60	M16 x 2.0P	3 ~ 25	3.25
5052-121-025-140	DAT50 x EOC25 - 140	241.75	140	115	60	M16 x 2.0P	3 ~ 25	5.10
5052-121-032-080	DAT50 x EOC32 - 80	181.75	80	60	72	M24 x 2.0P	4 ~ 32	4.40
5052-121-032-140	DAT50 x EOC32 - 140	241.75	140	120	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

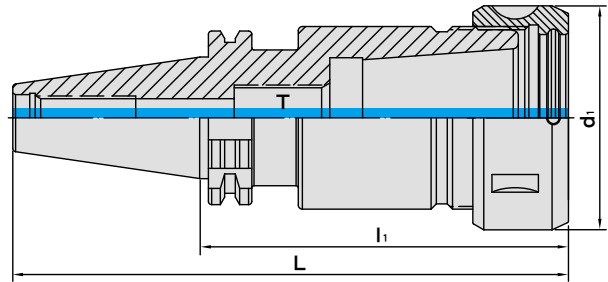
Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-49	P.X-61	P.X-67	P.X-73~74、80	P.X-77	P.X-78	P.X-111

DAT / TG COLLET CHUCK

DAT



DAT / TG 立銑刀夾頭



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-50~52	P.X-61	P.X-67	P.X-73、77	P.X-78	P.X-80	P.X-111

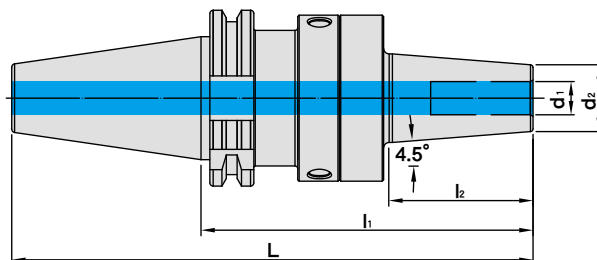


DAT / SAF RUNOUT ADJUSTABLE HOLDER

4.5°

DAT / SAF 可調式刀桿

[SFC TYPE]



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-67	P.X-73、77	P.X-78	P.X-98	P.X-111

DAT / SAF RUNOUT ADJUSTABLE HOLDER

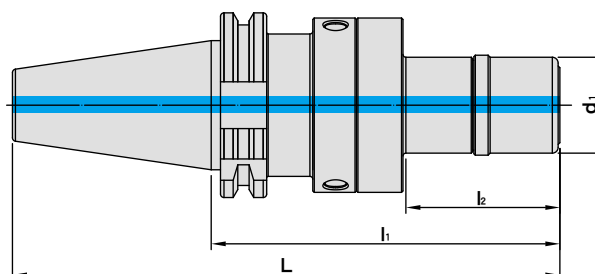
DAT

DAT / SAF 可調式刀桿

[SK3 TYPE]



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-39~41	P.X-58	P.X-67	PX-73、75、82	P.X-77	P.X-78	P.X-99	P.X-111

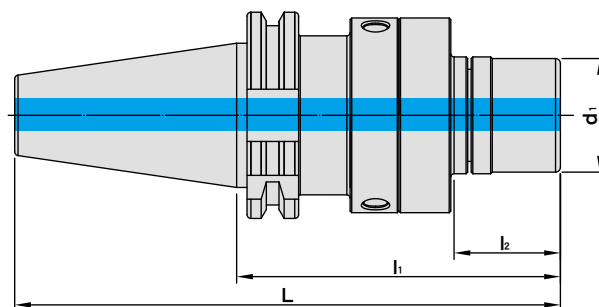


DAT / SAF RUNOUT ADJUSTABLE HOLDER



DAT / SAF 可調式刀桿

〔UT TYPE〕



J P PAT NO. 3237773
 DE PAT NO. 202022102696
 CN 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.

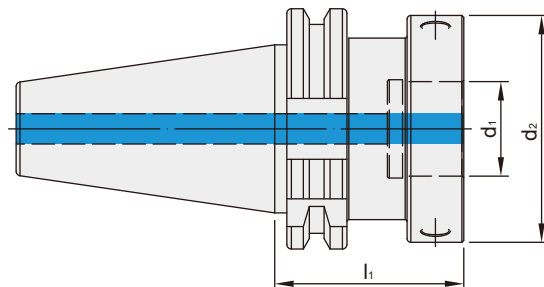
Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	UT Collet Chuck Flange	Preset Screw
P.X-18~21	P.X-54	P.X-67	P.X-73、75、82	P.X-77	P.X-78	P.X-100	P.X-111



SAF RUNOUT ADJUSTABLE HOLDER BODY

SAF 可調式刀桿本體



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

DAT / SLN SIDE LOCK END MILL HOLDER

DAT / SLN 側固式立銑刀桿

[DIN 1835]



Fig.1

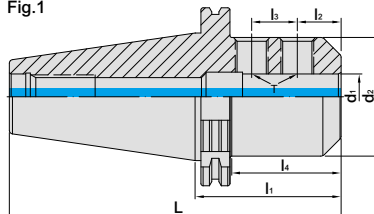
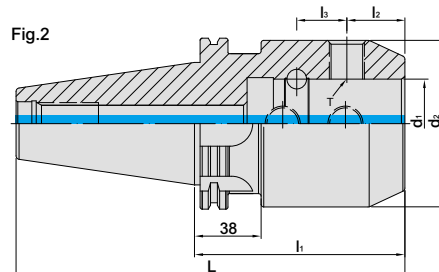


Fig.2



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
5051-653-020-063	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
5052-653-020-063	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-67	P.X-73、77	P.X-78	P.X-111



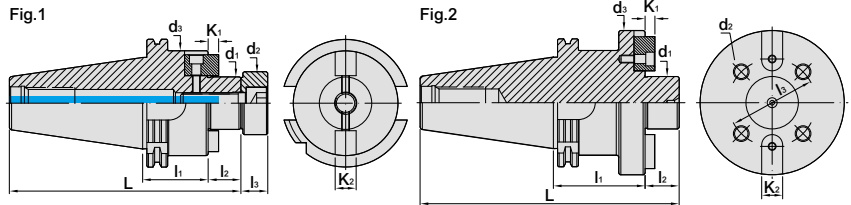
DAT FACE MILL ARBOR

FMB TYPE

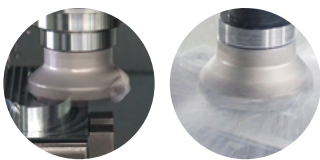
DAT

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	25	50	68	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-67	P.X-73、77	P.X-78	P.X-113

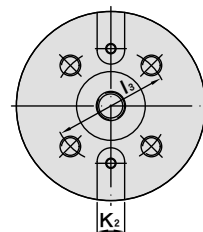
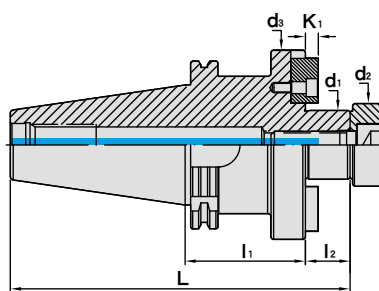
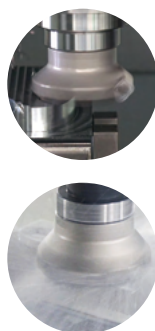


DAT FACE MILL ARBOR

FMB TYPE

DAT 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-67	P.X-73、77	P.X-78	P.X-113

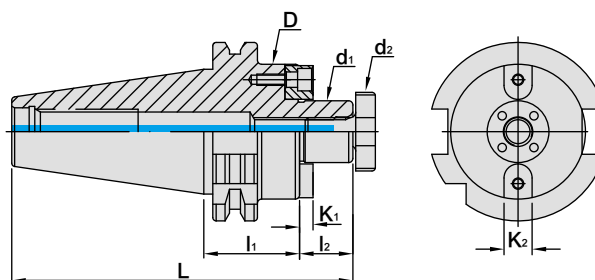
DAT FACE MILL ARBOR

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 FMC16 - 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 FMC16 - 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 FMC16 - 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

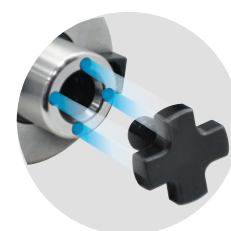
Features:

- ▶ 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.

Pull Stud	Nut	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
P.X-67	P.X-72	P.X-72	P.X-73、77	P.X-78



DAT / STA SYNCHRONIZED TAPPING HOLDER

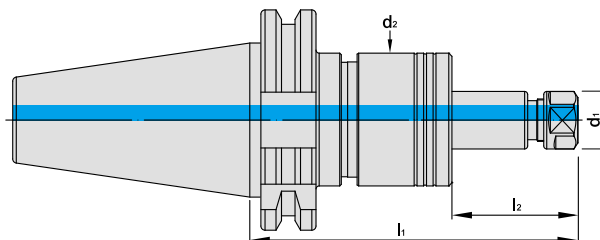


DAT / STA 同步補償攻牙刀桿

[ER TYPE]



TW PAT NO. I615223
CN PAT NO. EL201620889099.X
JP PAT NO. 3203456
DE PAT NO. 202016100106
US PAT NO. 202016100106



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-18~37	P.X-54~58	P.X-67	.PX-73~76、79、82	P.X-77	P.X-78	P.X-101

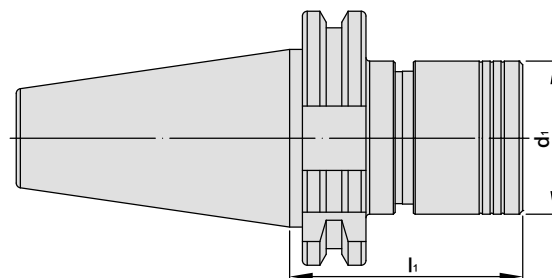


STA SYNCHRONIZED TAPPING HOLDER BODY

STA 同步補償攻牙刀桿本體



TW PAT NO. I615223
 CN PAT NO. EL201620889099.X
 JP PAT NO. 3203456
 DE PAT NO. 202016100106
 US PAT NO. 202016100106



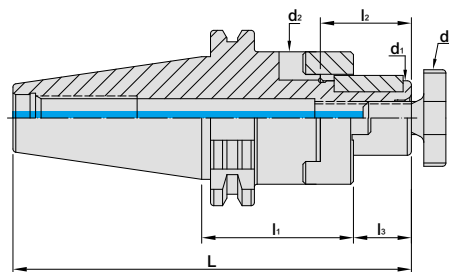
MODEL NO.	TYPE	l_1	d_1	STA NO.	WEIGHT (KGS)
5051-795-001-060	DAT40 x STA1 - 60	60	42	1	1.01
5051-795-002-090	DAT40 x STA2 - 90	90	58	2	1.50
5052-795-001-060	DAT50 x STA1 - 60	60	42	1	2.73
5052-795-002-080	DAT50 x STA2 - 80	80	58	2	3.11



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

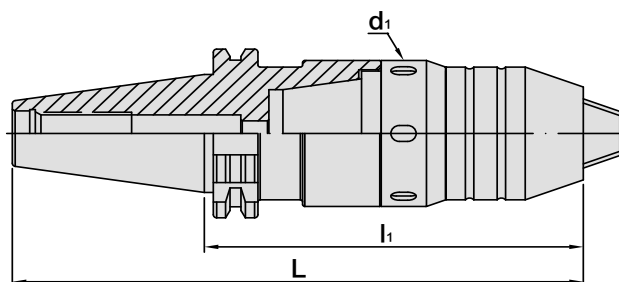
Pull Stud	Key	Removable Ring	Nut	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
						
P.X-67	P.X-72	P.X-72	P.X-72	P.X-72	P.X-73、77	P.X-78

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.

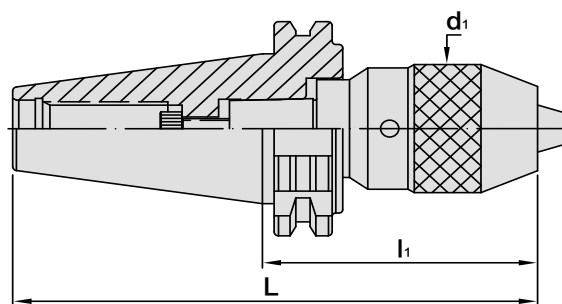
Standard Accessory: • SPANNER

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-67	P.X-73、77	P.X-78



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

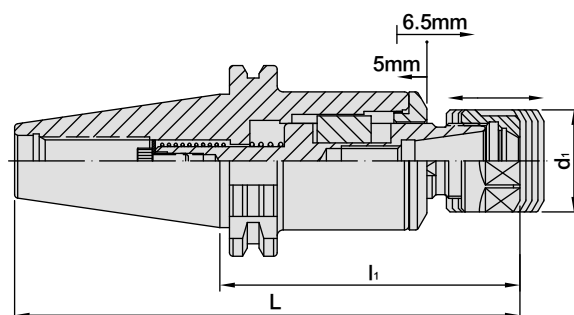
Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Spanner
			
P.X-67	P.X-73、77	P.X-78	P.X-80

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.

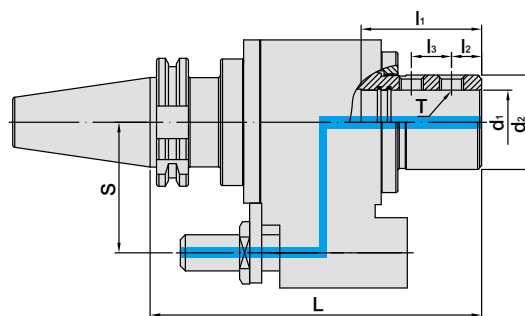
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw
P.X-18~21, 33~34	P.X-54~55	P.X-67	P.X-73~74、79	P.X-77	P.X-78	P.X-111



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:

- ▶ Water 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-69	P.X-73、77	P.X-78	P.X-106	P.X-111	P.X-118

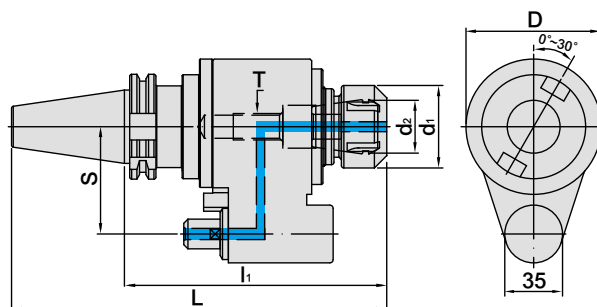


DAT / OHER OIL HOLE COLLET CHUCK

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:

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

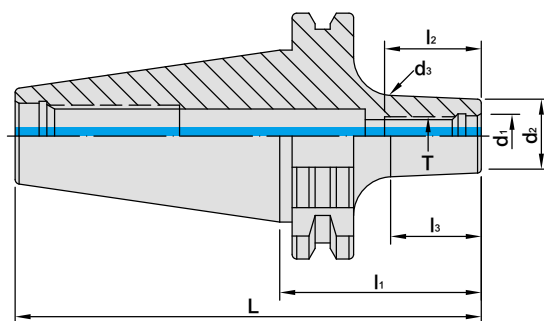
Standard Accessory: • NUT

Collet	Nut	Pull Stud	Spanner	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)	Preset Screw	Fixed Block
P.X-18~38	P.X-54~55、57	P.X-67	P.X-73~74、79	P.X-77	P.X-78	P.X-111	P.X-118



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-67	P.X-73、77	P.X-78



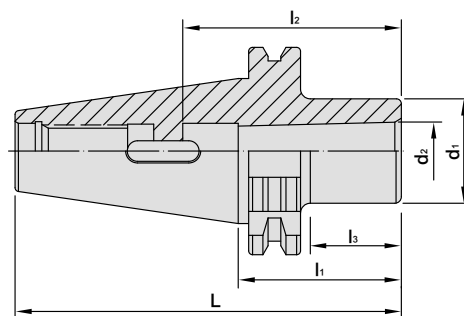
DAT MORSE TAPER ADAPTER

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:

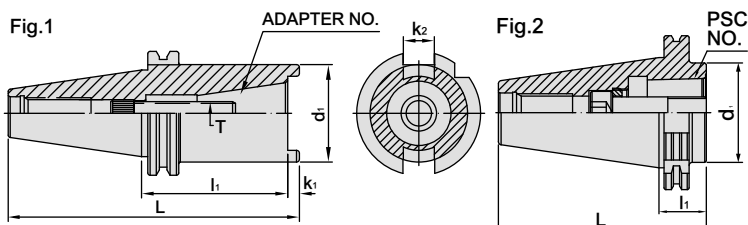
- ▶ The pre-balance reaches G6.3 3,000rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

Pull Stud	Torque Wrench Adapter (Pull Stud)	Spanner (Pull Stud)
		
P.X-67	P.X-73、77	P.X-78



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

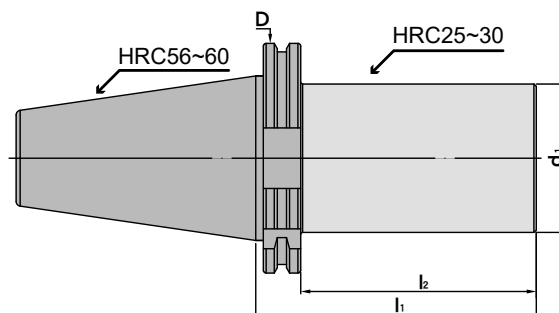
Features:

- 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-67	P.X-73、77	P.X-78

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-67	P.X-73、77	P.X-78



MEMO

