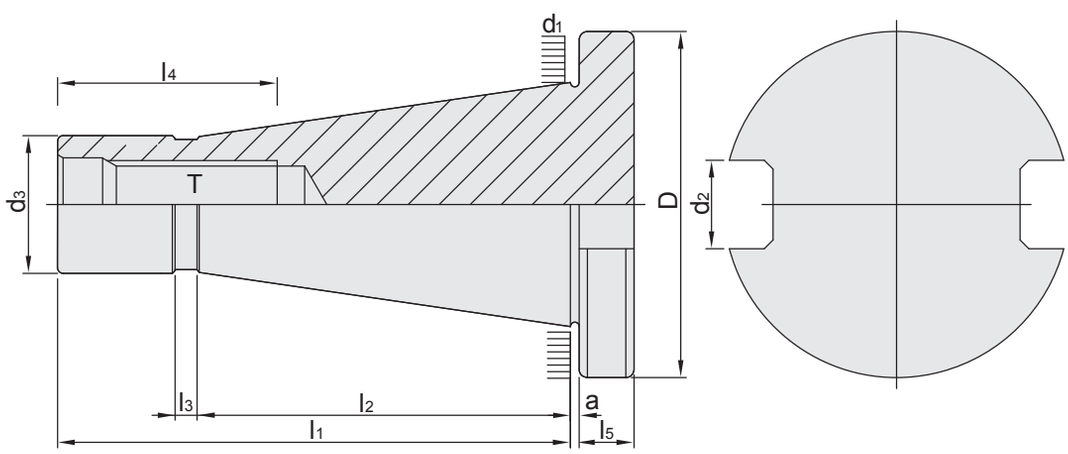
NT.MT CATEGORY

ER COLLET CHUCK	K-3
MTB / ER COLLET HOLDER	K-4
R8 / ER COLLET HOLDER	K-4
MLD MULTI - LOCK MILLING CHUCK	K-5
EOC COLLET CHUCK	K-6
TG COLLET CHUCK	K-7
SLN SIDE LOCK END MILL HOLDER	K-8
FACE MILL ARBOR	K-9
COMBI SHELL END MILL ARBOR	K-10
SPU DRILL CHUCK	K-11
MORSE TAPER ADAPTER	K-12
ADAPTER	K-13

REFERENCE DETAILS

DIN 2080

- Shank body standard: **DIN 2080**
- 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.



NT	D $^{0}_{-0.4}$	d_1	d_2 H12	d_3 min	a ±0.2	l_1	l_2
30	50	31.75	16.1	17.04	1.6	68.4	48.4
40	63	44.45	16.1	24.92	1.6	93.4	65.4
50	97.5	69.85	25.7	39.19	3.2	126.8	101.8

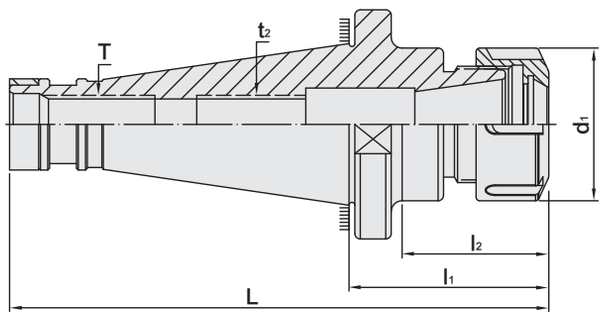
NT	l_3	l_4	l_5 ±0.15	T
30	3	24	8	1/2" - 12W, M12 x 1.75P, 1/2" - 13UNC
40	5	32	10	5/8" - 11W, M16 x 2.0P
50	8	47	12	1" - 8W, M24 x 3.0P

NT / ER COLLET HOLDER

NT / ER 立銑刀夾頭 (DIN ISO 15488)

POWER GOOD

TW PAT NO. M298033
TW PAT NO. M311791
JP PAT NO. 3128766
KR PAT NO. 20-0433603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N.0000266731



MODEL NO.	TYPE	L	l_1	l_2	d_1	t_2	T DRAW BAR		WEIGHT (KGS)
5120-108-161/5-045	NT30 x ER16A - 45	113.4	45	29.4	28	M10 x 1.5P	M12 x 1.75P	1/2" - 12	0.50
5120-108-201/5-045	NT30 x ER20A - 45	113.4	45	32	34	M12 x 1.75P	M12 x 1.75P	1/2" - 12	0.60
5120-110-251/5-055	NT30 x ER25 - 55	123.4	55	42	42	M16 x 2.0P	M12 x 1.75P	1/2" - 12	0.65
5120-110-321/5-060	NT30 x ER32 - 60	128.4	60	48	50	M16 x 2.0P	M12 x 1.75P	1/2" - 12	0.80
5120-110-401/5-075	NT30 x ER40 - 75	143.4	75	63	63	M16 x 2.0P	M12 x 1.75P	1/2" - 12	0.90
5121-108-161/5-045	NT40 x ER16A - 45	138.4	45	30	28	M10 x 1.5P	M16 x 2.0P	5/8" - 11	0.95
5121-108-201/5-045	NT40 x ER20A - 45	138.4	45	30	34	M12 x 1.75P	M16 x 2.0P	5/8" - 11	1.20
5121-110-251/5-055	NT40 x ER25 - 55	148.4	55	40	42	M16 x 2.0P	M16 x 2.0P	5/8" - 11	1.25
5121-110-321/5-060	NT40 x ER32 - 60	153.4	60	45	50	M16 x 2.0P	M16 x 2.0P	5/8" - 11	1.30
5121-110-401/5-070	NT40 x ER40 - 70	161.8	70	53.8	63	M20 x 2.0P	M16 x 2.0P	5/8" - 11	1.35
5121-110-501/5-080	NT40 x ER50 - 80	173.4	80	68	78	M24 x 2.0P	M16 x 2.0P	5/8" - 11	2.00
5122-110-321/5-075	NT50 x ER32 - 75	201.8	75	49	50	M16 x 2.0P	M24 x 3.0P	1" - 8	3.20
5122-110-401/5-080	NT50 x ER40 - 80	206.8	80	59	63	M20 x 2.0P	M24 x 3.0P	1" - 8	3.40
5122-110-501/5-080	NT50 x ER50 - 80	206.8	80	62	78	M24 x 2.0P	M24 x 3.0P	1" - 8	3.70

Standard Accessory: • NUT

Collet	Nut	Preset Screw	Spanner
P.W-11~34	P.W-55~56	P.W-107	P.W-79

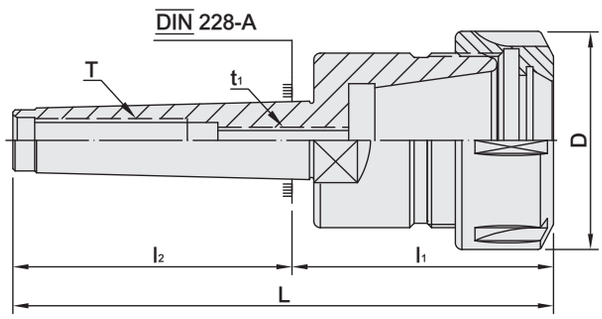
MTB / ER COLLET HOLDER

POWER GOOD

MTB / ER 立銑刀夾頭

〔DIN ISO 15488〕

TW PAT NO. M298033
TW PAT NO. M311791
TW PAT NO. M186381
JP PAT NO. 3128766
KR PAT NO. 20-0433603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N.0000266731



MODEL NO.	TYPE	L	l_1	l_2	D	t_1	T DRAW BAR	WEIGHT (KGS)
5177-108-201/5-052	MTB2 x ER20A - 52	116	52	64	35	M10 x 1.5P	M10 x 1.5P, 3/8" W16	0.45
5177-110-251/5-055	MTB2 x ER25 - 55	119	55	64	42	M10 x 1.5P	M10 x 1.5P, 3/8" W16	0.50
5178-110-251/5-055	MTB3 x ER25 - 55	136	55	81	42	M12 x 1.75P	M12 x 1.75P, 1/2" W12	0.60
5178-110-321/5-060	MTB3 x ER32 - 60	141	60	81	50	M12 x 1.75P	M12 x 1.75P, 1/2" W12	0.80
5178-110-401/5-070	MTB3 x ER40 - 70	151	70	81	63	M12 x 1.75P	M12 x 1.75P, 1/2" W12	1.30
5179-110-321/5-060	MTB4 x ER32 - 60	162.5	60	102.5	50	M16 x 2.0P	M16 x 2.0P, 5/8" W11	0.95
5179-110-401/5-070	MTB4 x ER40 - 70	172.5	70	102.5	63	M16 x 2.0P	M16 x 2.0P, 5/8" W11	1.50

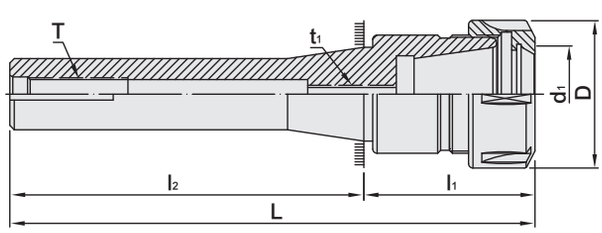
R8 / ER COLLET HOLDER

POWER GOOD

R8 / ER 立銑刀夾頭

〔DIN ISO 15488〕

TW PAT NO. M298033
TW PAT NO. M311791
TW PAT NO. M186381
JP PAT NO. 3128766
KR PAT NO. 20-0433603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N.0000266731



MODEL NO.	TYPE	L	l_1	l_2	D	t_1	T DRAW BAR	WEIGHT (KGS)
5274-108-164-038	R8 x ER16A - 38	136	38	101	28	M10 x 1.5P	7/16" NF20	0.65
5274-110-324-060	R8 x ER32 - 60	161	60	101	50	M12 x 1.75P	7/16" NF20	0.90
5274-110-404-065	R8 x ER40 - 65	168	65	101	63	M16 x 2.0P	7/16" NF20	1.15

Features:

- Body's thread is ground precisely.
- Each holder has been locked with a nut, but not including the spanner.

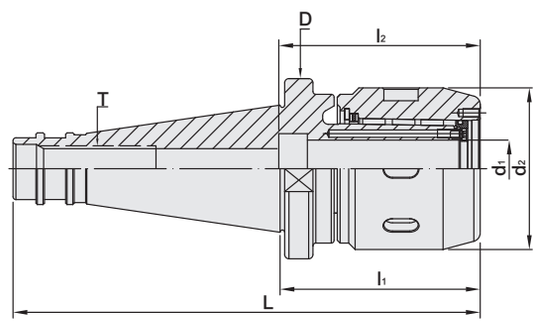
Collet	Nut	Spanner
P.W-11~34	P.W-55~57	P.W-79

MLD MULTI-LOCK MILLING CHUCK

MLD 直式筒夾 銑床夾頭

台灣精品 2007
TAIWAN EXCELLENCE

TW PAT NO. M447277
TW PAT NO. M430337
TW PAT NO. M451185
CN PAT NO. ZL201220749784.4
CH PAT NO. ZL201220749942.6



MODEL NO.	TYPE	L	l_1	l_2	D	d_1	d_2	T		WEIGHT (KGS)
5120-460-201/5-070	NT30 x MLD20 - 70	138.4	70	63.5	50	20	56.5	1/2" - 12	M12 x 1.75P	1.90
5121-460-201/5-070	NT40 x MLD20 - 70	163.4	70	63.5	52	20	56.5	5/8" - 11	M16 x 2.0P	2.30
5274-460-204-070	R8 x MLD20 - 70	174	70	63.5	52	20	56.5	7/16" NF20		1.90
5180-460-321/5-090	MTB5 x MLD32 - 90	218.5	90	71.8	67	32	71	1" - 8	M24 x 3.0P	3.80
5121-460-321/5-085	NT40 x MLD32 - 85	178.4	85	71.8	67	32	71	5/8" - 11	M16 x 2.0P	2.60
5122-460-321/5-090	NT50 x MLD32 - 90	216.8	90	71.8	67	32	71	1" - 8	M24 x 3.0P	4.90

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.
- Please inform draw size when making an order.

Standard Accessory: • NUT

Collet	Sealed Cap	SR Sealed Ring	Set Screw	Spanner
P.W-43~46	P.W-65	P.W-66	P.W-107	P.W-80

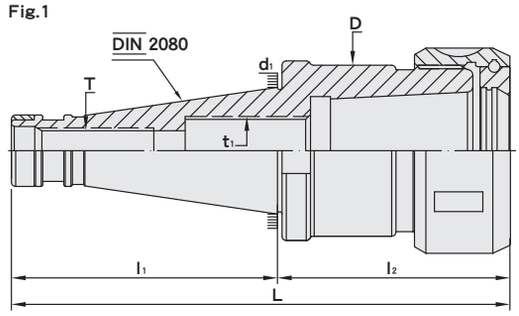
EOC COLLET CHUCK

EOC 立銑刀夾頭 (DIN ISO 10897)

POWER GOOD

TW PAT NO. M298033
TW PAT NO. M311791
JP PAT NO. 3128766
KR PAT NO. 20-0433603
CN PAT NO. ZL200620132661.0
CH PAT NO. 696550
TR PAT NO. TR 2007 02942 Y
IT PAT NO. N.0000266731

Fig.1



MODEL NO.	TYPE	L	l_1	l_2	D	d_1	t_1	T DRAW BAR		Fig	WEIGHT (KGS)
5120-121-251/5-072	NT30 x EOC25-71.6	140	68.4	71.6	49	31.75	M12 x 1.75P	1/2"-12	M12x1.75P	1	1.35
5121-121-251/5-067	NT40 x EOC25-66.6	160	93.4	66.6	63	44.45	M16 x 2.0P	5/8"-11	M16x2.0P	1	1.65
5122-121-251/5-070	NT50 x EOC25-70.2	197	126.8	70.2	97.5	69.85	M24 x 2.0P	1"-8	M24x3.0P	1	3.45
5121-121-321/5-082	NT40 x EOC32-81.6	175	93.4	81.6	63	44.45	M24 x 2.0P	5/8"-11	M16x2.0P	1	2.25
5122-121-321/5-070	NT50 x EOC32-70	196.8	126.8	70	97.5	69.85	M24 x 2.0P	1"-8	M24x3.0P	1	3.95

Fig.2

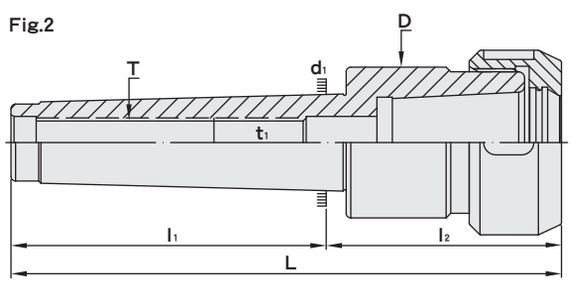
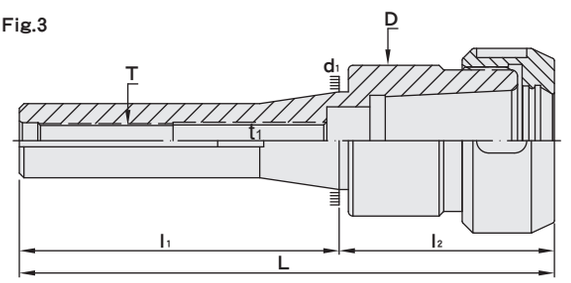


Fig.3



MODEL NO.	TYPE	L	l_1	l_2	D	d_1	t_1	T DRAW BAR		Fig	WEIGHT (KGS)
5177-121-251/5-075	MTB2 x EOC25-75	139	64	75	49	17.78	M6 x 1.0P	3/8"-16	M10x1.5P	2	1.30
5178-121-251/5-075	MTB3 x EOC25-75	156	81	75	49	23.825	M12 x 1.75P	1/2"-12	M12x1.75P	2	1.40
5179-121-251/5-077	MTB4 x EOC25-76.5	179	102.5	76.5	49	31.267	M16 x 2.0P	5/8"-11	M16x2.0P	2	1.55
5274-121-254-070	R8 x EOC25-70	174	104	70	49	31.75	M12 x 1.75P	7/16"NF20		3	1.55
5179-121-321/5-085	MTB4 x EOC32-84.5	187	102.5	84.5	63	31.267	M16 x 2.0P	5/8"-11	M16x2.0P	2	2.25
5180-121-321/5-085	MTB5 x EOC32-84.5	213	128.5	84.5	63	44.399	M24 x 2.0P	1"-8	M24x3.0P	2	2.45

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.
- Please inform draw bar size when making an order.

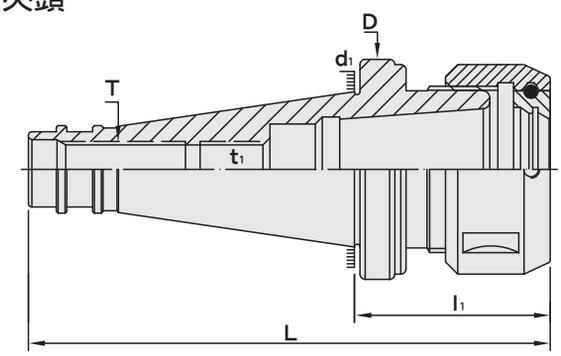
Standard Accessory: • NUT

Collet	Nut	Tang	Preset Screw	Spanner
P.W-48	P.W-64	P.W-100	P.W-107	P.W-80

TG COLLET CHUCK

TG 立銑刀夾頭

POWER GOOD



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IT PAT NO. N.0000266731

MODEL NO.	TYPE	L	l_1	D	d_1	t_1	T DRAW BAR		SIZE RANGE	WEIGHT (KGS)
5178-691-751/5-055	MTB3 x TG75-55	136	55	40	23.825	M12 x 1.75P	1/2"-12	M12x1.75P	3 ~ 16	0.95
5179-691-751/5-057	MTB4 x TG75-57	159.5	57	40	31.267	M16 x 2.0P	5/8"-11	M16x2.0P	3 ~ 16	1.20
5274-691-754-070	R8 x TG75-70	154	70	40	31.75	M12 x 1.75P	7/16"NF20		3 ~ 16	1.10
5120-691-751/5-055	NT30 x TG75-55	123.4	55	49	31.75	M12 x 1.75P	1/2"-12	M12x1.75P	3 ~ 16	0.90
5121-691-751/5-069	NT40 x TG75-68.6	162	68.6	63	44.45	M16 x 2.0P	5/8"-11	M16x2.0P	3 ~ 16	1.20
5178-691-101/5-080	MTB3 x TG100-80	161	80	49	23.825	M12 x 1.75P	1/2"-13	M12x1.75P	3 ~ 25	1.05
5179-691-101/5-080	MTB4 x TG100-80	182.5	80	49	31.267	M16 x 2.0P	5/8"-11	M16x2.0P	3 ~ 25	1.30
5274-691-104-080	R8 x TG100-80	181	80	49	31.75	M12 x 1.75P	7/16"NF20		3 ~ 25	1.20
5120-691-101/5-080	NT30 x TG100-80	148.4	80	49	31.75	M12 x 1.75P	1/2"-12	M12x1.75P	3 ~ 25	1.00
5121-691-101/5-070	NT40 x TG100-70	163.4	70	63	44.45	M16 x 2.0P	5/8"-11	M16x2.0P	3 ~ 25	1.30
5122-691-101/5-080	NT50 x TG100-80	206.8	80	97.5	69.85	M24 x 2.0P	1"-8	M24x3.0P	3 ~ 25	3.15
5179-691-151/5-095	MTB4 x TG150-95	197.5	95	67	31.267	M16 x 2.0P	5/8"-11	M16x2.0P	4 ~ 38	2.90
5180-691-151/5-095	MTB5 x TG150-95	223.5	95	67	44.399	M24 x 2.0P	1"-8	M24x3.0P	4 ~ 38	3.50
5121-691-151/5-098	NT40 x TG150-98.36	191.8	98.36	63	44.45	M24 x 2.0P	5/8"-11	M16x2.0P	4 ~ 38	2.90
5122-691-151/5-080	NT50 x TG150-80	206.8	80	97.5	69.85	M24 x 2.0P	1"-8	M24x3.0P	4 ~ 38	4.75

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.
- MTB=Draw Bar Type=DIN 228-A.
- Please inform draw bar size when making an order.

Standard Accessory: • NUT

Collet	Nut	Tang	Preset Screw	Spanner
P.W-49~51	P.W-64	P.W-100	P.W-107	P.W-80

NT / SLN SIDE LOCK END MILL HOLDER

NT / SLN 側固式立銑刀桿

(DIN 1835)
(DIN 6359)
(DIN 1835-C)

Fig.1

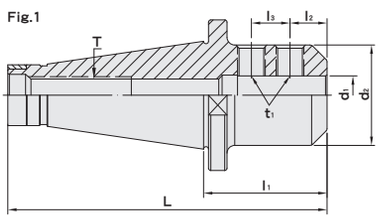
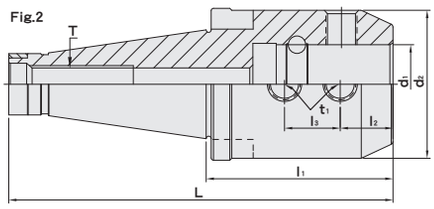


Fig.2



MODEL NO.	TYPE	L	l_1	l_2	l_3	d_1	d_2	t_1	T DRAW BAR	
5120-653-061/5-040	NT30 x SLN6 - 40	108.4	40	18	-	6	25	M6 x 1.0P	1/2"-12	M12x1.75P
5120-653-081/5-040	NT30 x SLN8 - 40	108.4	40	18	-	8	28	M8 x 1.25P	1/2"-12	M12x1.75P
5120-653-101/5-040	NT30 x SLN10 - 40	108.4	40	20	-	10	35	M10 x 1.5P	1/2"-12	M12x1.75P
5120-653-121/5-050	NT30 x SLN12 - 50	118.4	50	22.5	-	12	42	M12x 1.75P	1/2"-12	M12x1.75P
5120-653-161/5-050	NT30 x SLN16 - 50	118.4	50	24	-	16	48	M14 x 2.0P	1/2"-12	M12x1.75P
5120-653-201/5-063	NT30 x SLN20 - 63	131.4	63	25	-	20	52	M16 x 2.0P	1/2"-12	M12x1.75P
5120-653-251/5-080	NT30 x SLN25 - 80	148.4	80	24	25	25	63.5	M18 x 2.0P	1/2"-12	M12x1.75P
5121-653-061/5-050	NT40 x SLN6 - 50	143.4	50	18	-	6	25	M6 x 1.0P	5/8"-11	M16x2.0P
5121-653-081/5-050	NT40 x SLN8 - 50	143.4	50	18	-	8	28	M8 x 1.25P	5/8"-11	M16x2.0P
5121-653-101/5-050	NT40 x SLN10 - 50	143.4	50	20	-	10	35	M10 x 1.5P	5/8"-11	M16x2.0P
5121-653-121/5-050	NT40 x SLN12 - 50	143.4	50	22.5	-	12	42	M12 x 1.75P	5/8"-11	M16x2.0P
5121-653-161/5-063	NT40 x SLN16 - 63	156.4	63	24	-	16	48	M14 x 2.0P	5/8"-11	M16x2.0P
5121-653-201/5-063	NT40 x SLN20 - 63	156.4	63	25	-	20	52	M16 x 2.0P	5/8"-11	M16x2.0P
5121-653-251/5-080	NT40 x SLN25 - 80	173.4	80	24	25	25	65	M18 x 2.0P	5/8"-11	M16x2.0P
5121-653-321/5-080	NT40 x SLN32 - 80	173.4	80	24	28	32	72	M20 x 2.0P	5/8"-11	M16x2.0P
5122-653-061/5-063	NT50 x SLN6 - 63	189.8	63	18	-	6	25	M6 x 1P	1"-8	M24x3.0P
5122-653-081/5-063	NT50 x SLN8 - 63	189.8	63	18	-	8	28	M8 x 1.25P	1"-8	M24x3.0P
5122-653-101/5-063	NT50 x SLN10 - 63	189.8	63	20	-	10	35	M10 x 1.5P	1"-8	M24x3.0P
5122-653-121/5-063	NT50 x SLN12 - 63	189.8	63	22.5	-	12	42	M12 x 1.75P	1"-8	M24x3.0P
5122-653-161/5-063	NT50 x SLN16 - 63	189.8	63	24	-	16	48	M14 x 2.0P	1"-8	M24x3.0P
5122-653-201/5-063	NT50 x SLN20 - 63	189.8	63	25	-	20	52	M16 x 2.0P	1"-8	M24x3.0P
5122-653-251/5-080	NT50 x SLN25 - 80	206.8	80	24	25	25	65	M18 x 2.0P	1"-8	M24x3.0P
5122-653-321/5-080	NT50 x SLN32 - 80	206.8	80	24	28	32	72	M20 x 2.0P	1"-8	M24x3.0P
5122-653-401/5-100	NT50 x SLN40 - 100	226.8	100	30	32	40	90	M20 x 2.0P	1"-8	M24x3.0P
5122-653-401/5-120	NT50 x SLN40 - 120	246.8	120	30	32	40	90	M20 x 2.0P	1"-8	M24x3.0P
5122-653-421/5-100	NT50 x SLN42 - 100	226.8	100	30	32	42	90	M20 x 2.0P	1"-8	M24x3.0P
5122-653-501/5-120	NT50 x SLN50 - 120	246.8	120	35	35	50	95	M24 x 2.0P	1"-8	M24x3.0P
5122-653-631/5-120	NT50 x SLN63 - 120	246.8	120	40	40	63	125	M20 x 2.0P	1"-8	M24x3.0P
5122-653-A961/5-472	NT50 x SLN50.8 - 120	246.8	120	33.1	28.58	50.8	95	M20 x 2.0P	1"-8	M24x3.0P
5122-677-A961/5-472	NT50 x SLN50.8 - 120	246.8	120	33.1	28.58	50.8	95	M20 x 2.0P	1"-8	M24x3.0P

Features:

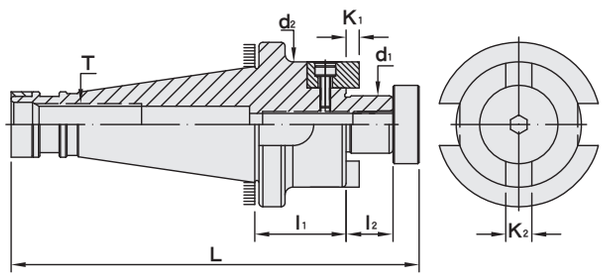
- Internal hole tolerance: H5 (DIN-1835-B standard).
- The tolerance requirement of tool shank diameter is h6.
- Taking use of side lock screws to clamp tools with lateral flat surfaces. Good at heavy-duty machining.
- Please inform draw bar size when making an order.

Lock Screw

P.W-112

NT FACE MILL ARBOR

NT 平面銑刀桿



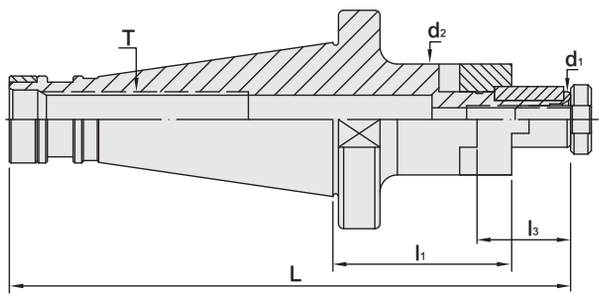
MODEL NO.	TYPE	L	l_1	l_2	d_1	d_2	K_1	K_2	T DRAW BAR		WEIGHT (KGS)
5120-151-A641/5-138	NT30 x FMA25.40	139.4	35	20	25.4	46	5	9.52	1/2" - 12	M12 x 1.75P	0.55
5120-151-A721/5-138	NT30 x FMA31.75	141.4	35	22	31.75	60	6	12.7	1/2" - 12	M12 x 1.75P	0.75
5120-151-A801/5-138	NT30 x FMA38.10	148.9	35	25	38.1	70	8	15.87	1/2" - 12	M12 x 1.75P	2.10
5121-151-A641/5-138	NT40 x FMA25.40	164.4	35	20	25.4	63	5	9.52	5/8" - 11	M16 x 2.0P	1.45
5121-151-A721/5-138	NT40 x FMA31.75	166.4	35	22	31.75	63	6	12.7	5/8" - 11	M16 x 2.0P	1.75
5121-151-A801/5-138	NT40 x FMA38.10	173.9	35	25	38.1	70	8	15.87	5/8" - 11	M16 x 2.0P	2.00
5121-151-A961/5-138	NT40 x FMA50.80	188.4	35	36	50.8	98	10	19.05	5/8" - 11	M16 x 2.0P	2.55
5121-151-A921/5-094	NT40 x FMA47.62	149.4	24	32	47.62	128.75	12.4	25.4	5/8" - 11	M16 x 2.0P	2.90
5122-151-A641/5-177	NT50 x FMA25.40	207.8	45	20	25.4	50	4.52	9.52	1" - 8	M24 x 3.0P	3.52
5122-151-A721/5-177	NT50 x FMA31.75	209.8	45	22	31.75	60	6.2	12.7	1" - 8	M24 x 3.0P	3.40
5122-151-A801/5-177	NT50 x FMA38.10	217.3	45	25	38.1	70	8.87	15.87	1" - 8	M24 x 3.0P	3.60
5122-151-A961/5-177	NT50 x FMA50.80	231.8	45	36	50.8	90	9.75	19.05	1" - 8	M24 x 3.0P	6.00
5122-151-A921/5-094	NT50 x FMA47.62	182.8	24	32	47.62	128.75	12.4	25.4	1" - 8	M24 x 3.0P	4.90
5120-153-221/5-035	NT30 x FMB22mm	136.4	35	19	22	42	5	10	1/2" - 12	M12 x 1.75P	0.67
5120-153-271/5-035	NT30 x FMB27mm	139.4	35	20	27	60	5	12	1/2" - 12	M12 x 1.75P	1.00
5120-153-321/5-035	NT30 x FMB32mm	141.4	35	22	32	65	7	14	1/2" - 12	M12 x 1.75P	1.20
5120-153-401/5-035	NT30 x FMB40mm	148.9	35	25	40	80	8	16	1/2" - 12	M12 x 1.75P	1.40
5121-153-221/5-035	NT40 x FMB22mm	161.4	35	19	22	48	5	10	5/8" - 11	M16 x 2.0P	1.25
5121-153-271/5-035	NT40 x FMB27mm	164.4	35	20	27	58	5	12	5/8" - 11	M16 x 2.0P	1.45
5121-153-321/5-035	NT40 x FMB32mm	166.4	35	22	32	65	7	14	5/8" - 11	M16 x 2.0P	1.70
5121-153-401/5-035	NT40 x FMB40mm	173.9	35	25	40	80	8	16	5/8" - 11	M16 x 2.0P	2.2
5122-153-221/5-045	NT50 x FMB22mm	204.8	45	19	22	48	4.8	10	1" - 8	M24 x 3.0P	3.50
5122-153-271/5-045	NT50 x FMB27mm	207.8	45	20	27	58	5.8	12	1" - 8	M24 x 3.0P	3.90
5122-153-321/5-045	NT50 x FMB32mm	209.8	45	22	32	65	6.8	14	1" - 8	M24 x 3.0P	4.00
5122-153-401/5-045	NT50 x FMB40mm	217.3	45	25	40	80	7.9	16	1" - 8	M24 x 3.0P	4.83

Features:

- d1=the external dia. of face mill cutter.
- There's a plastic ring at the end of the shank to protect machine spindle.
- When making an order, please inform draw bar size.

NT COMBI SHELL END MILL ARBOR

NT 聯結式銑刀桿 (DIN 6358)



MODEL NO.	TYPE	L	l_1	l_3	d_1	d_2	T DRAW BAR		WEIGHT (KGS)
5120-061-161/5-025	NT30 x CSR16 - 25	120	34.6	27	16	32	1/2" - 12	M12 x 1.75P	1.40
5120-061-221/5-025	NT30 x CSR22 - 25	122	34.6	31	22	40	1/2" - 12	M12 x 1.75P	1.60
5120-061-271/5-025	NT30 x CSR27 - 25	124	34.6	33	27	48	1/2" - 12	M12 x 1.75P	1.80
5121-061-161/5-040	NT40 x CSR16 - 40	162	51.6	27	16	32	5/8" - 11	M16 x 2.0P	2.20
5121-061-221/5-040	NT40 x CSR22 - 40	164	51.6	31	22	40	5/8" - 11	M16 x 2.0P	2.40
5121-061-271/5-040	NT40 x CSR27 - 40	166	51.6	33	27	48	5/8" - 11	M16 x 2.0P	2.60
5121-061-321/5-040	NT40 x CSR32 - 40	169	51.6	38	32	58	5/8" - 11	M16 x 2.0P	2.80
5121-061-401/5-040	NT40 x CSR40 - 40	172	51.6	41	40	70	5/8" - 11	M16 x 2.0P	3.00
5122-061-161/5-040	NT50 x CSR16 - 40	199	55.2	27	16	32	1" - 8	M24 x 3.0P	4.40
5122-061-221/5-040	NT50 x CSR22 - 40	201	55.2	31	22	40	1" - 8	M24 x 3.0P	4.60
5122-061-271/5-040	NT50 x CSR27 - 40	203	55.2	33	27	48	1" - 8	M24 x 3.0P	4.80
5122-061-321/5-040	NT50 x CSR32 - 40	206	55.2	38	32	58	1" - 8	M24 x 3.0P	5.00
5122-061-401/5-040	NT50 x CSR40 - 40	209	55.2	41	40	70	1" - 8	M24 x 3.0P	5.20
5122-061-501/5-040	NT50 x CSR50 - 40	212	55.2	46	50	90	1" - 8	M24 x 3.0P	5.40

Features:

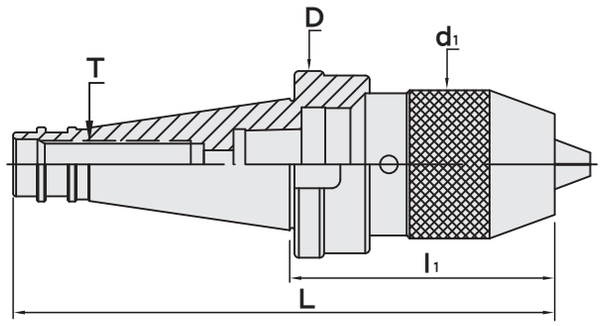
- Used with face milling cutters or side disc cutters.
- Removable ring, nut and spanner are included.

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

Key	Removable Ring	Nut	Spanner
P.W-74	P.W-74	P.W-74	P.W-74

SPU DRILL CHUCK

SPU 直結式鑽夾頭



MODEL NO.	TYPE	L	l_1	D	d_1	T DRAW BAR		CAPACITY	WEIGHT (KGS)
5120-669-131/5-110	NT30 x SPU13 - 110	178.4	110	49	50	1/2"-12	M12x1.75P	1 ~ 13	1.50
5121-669-131/5-090	NT40 x SPU13 - 90	183.4	90	63	50	5/8"-11	M16x2.0P	1 ~ 13	1.90
5122-669-131/5-080	NT50 x SPU13 - 80	206.8	80	97.5	50	1"-8	M24x3.0P	1 ~ 13	3.80
5120-669-081/5-080	NT30 x SPU8 - 80	148.4	80	49	37	1/2"-12	M12x1.75P	1 ~ 8	1.30
5121-669-081/5-080	NT40 x SPU8 - 80	173.4	80	63	37	5/8"-11	M16x2.0P	1 ~ 8	1.48
5121-669-161/5-100	NT40 x SPU16 - 100	193.4	100	63	57	5/8"-11	M16x2.0P	3 ~ 16	2.28
5122-669-161/5-100	NT50 x SPU16 - 100	226.8	100	97.5	57	1"-8	M24x3.0P	3 ~ 16	4.20

Fig.1

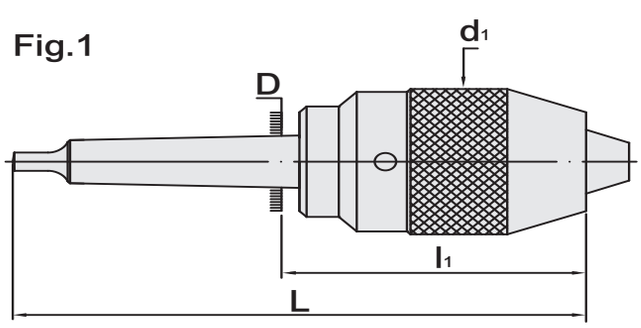
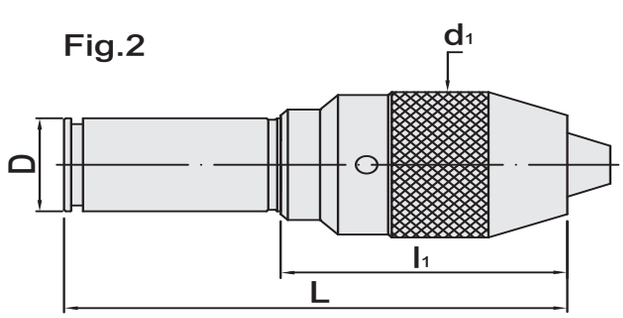


Fig.2



MODEL NO.	TYPE	L	l_1	D	d_1	Fig.	CAPACITY	WEIGHT (KGS)
404-005-13S-003	MTA3 x SPU13 - 81	150	81	50	50	1	1 ~ 13	1.30
404-005-13S-004	MTA4 x SPU13 - 81	194	81	50	50	1	1 ~ 13	1.65
404-005-08S-000	C20 x SPU8 - 61	109	61	20	37	2	1 ~ 8	1.15
404-005-13S-000	C20 x SPU13 - 81	129	81	20	50	2	1 ~ 13	1.20
404-005-13S-001	C25 x SPU13 - 81	148	81	25	50	2	1 ~ 13	1.30
404-005-13S-002	C32 x SPU13 - 81	150	81	32	50	2	1 ~ 13	1.50
404-005-13S-005	R8 x SPU13 - 81	172	81	50	50	-	1 ~ 13	1.42

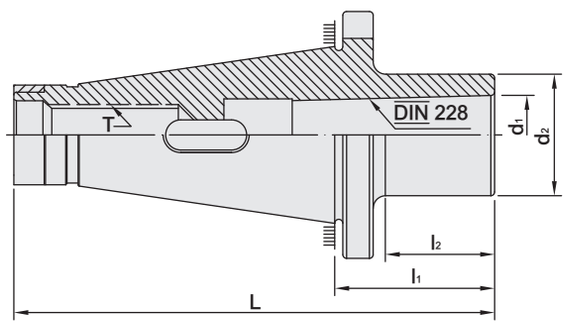
Features:

- 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.

Tang	Spanner
P.W-100	P.W-80

NT MORSE TAPER ADAPTER
TANG TYPE

NT 斜柄鑽頭套筒 (DIN 6383)

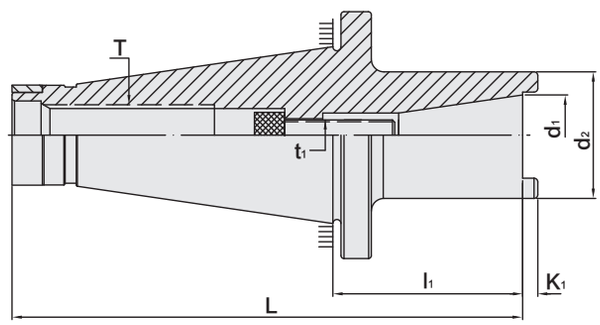


MODEL NO.	TYPE	L	l_1	l_2	d_1	d_2	T		WEIGHT (KGS)
5120-465-021/5-056	NT30 x MTA2-55.5	123.9	55.5	42	17.78	32	1/2" - 12	M12 x 1.75P	0.50
5120-465-031/5-076	NT30 x MTA3-75.6	144	75.6	63	23.825	36	1/2" - 12	M12 x 1.75P	0.55
5121-465-021/5-025	NT40 x MTA2-25	118.4	25	11	17.78	32	5/8" - 11	M16 x 2.0P	0.80
5121-465-031/5-049	NT40 x MTA3-48.6	142	48.6	35	23.825	40	5/8" - 11	M16 x 2.0P	0.85
5121-465-041/5-084	NT40 x MTA4-83.6	177	83.6	69	31.267	48	5/8" - 11	M16 x 2.0P	1.25
5121-465-051/5-170	NT40 x MTA5-170	263.4	170	156	44.399	63	5/8" - 11	M16 x 2.0P	1.45
5122-465-021/5-023	NT50 x MTA2-23.2	150	23.2	5.5	17.78	32	1" - 8	M24 x 3.0P	2.80
5122-465-031/5-033	NT50 x MTA3-33.2	160	33.2	13	23.825	40	1" - 8	M24 x 3.0P	2.90
5122-465-041/5-063	NT50 x MTA4-63.2	190	63.2	43	31.267	48	1" - 8	M24 x 3.0P	3.00
5122-465-051/5-086	NT50 x MTA5-86.2	213	86.2	66	44.399	63	1" - 8	M24 x 3.0P	3.10

Features:
- Hardened & precision ground (I.D & 0.D).
- Ronudness: 0.005mm.
- MTA=TANG TYPE=DIN 228-B.
- MTB=DRAW BAR TYPE=DIN 228-A.
- Best selected top quality tools steel fully hardened and ground. Morse taper inside hole and outside shank.
- Please inform draw bar size when making an order.

NT ADAPTER

NT 套筒



MODEL NO.	TYPE	L	l_1	d_1	d_2	K_1	t_1	T		WEIGHT (KGS)
5121-692-301/5-075	NT40 x TSA30M - 75	168.4	75	31.75	50	6	M12 x 1.75P	5/8″ - 11	M16 x 2.0P	1.80
5121-692-301/5-075	NT40 x TSA30U - 75	168.4	75	31.75	50	6	1/2″ - 12	5/8″ - 11	M16 x 2.0P	1.80
5122-692-301/5-075	NT50 x TSA30M - 75	201.8	75	31.75	50	6	M12 x 1.75P	1″ - 8	M24 x 3.0P	5.00
5122-692-301/5-075	NT50 x TSA30U - 75	201.8	75	31.75	50	6	1/2″ - 12	1″ - 8	M24 x 3.0P	5.00
5122-692-401/5-075	NT50 x TSA40M - 75	201.8	75	44.45	85	8	M16 x 2.0P	1″ - 8	M24 x 3.0P	4.60
5122-692-401/5-075	NT50 x TSA40U - 75	201.8	75	44.45	85	8	5/8″ - 11	1″ - 8	M24 x 3.0P	4.60

Features:

- Convert the machine taper for use with different taper types or taper sizes of tool holders, or offer great flexibility by extending the tooling length.