

NT.MT

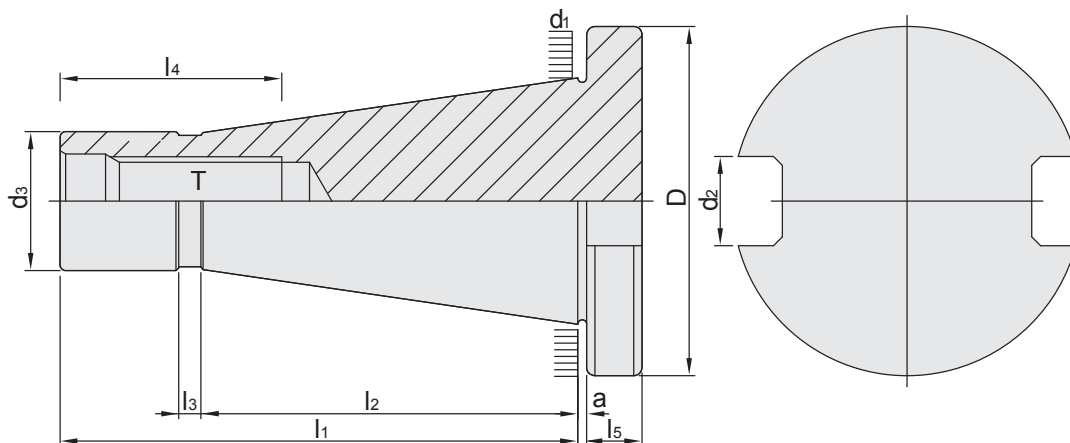
CATEGORY

ER COLLET CHUCK	M-3~4
MLD MULTI - LOCK MILLING CHUCK	M-5
EOC COLLET CHUCK	M-6
TG COLLET CHUCK	M-7
SLN SIDE LOCK END MILL HOLDER	M-8
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SPU DRILL CHUCK	M-11
MORSE TAPER ADAPTER	M-12
ADAPTER	M-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			

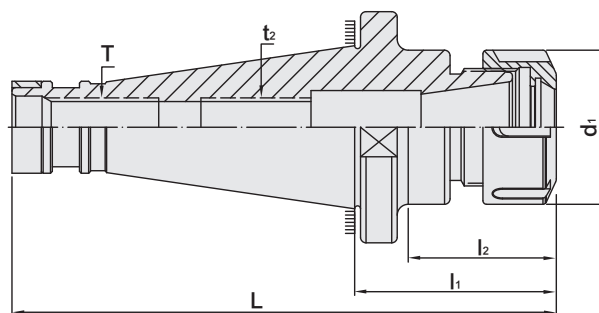


NT / ER COLLET CHUCK



NT / ER 立銑刀夾頭

(ISO 15488)



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	Spigot Interchangeable Digital	Torque Wrench Adapter (Nut)	Spanner	Preset Screw
P.X-18~38	P.X-54~55、57	P.X-73	P.X-74	P.X-80	P.X-111

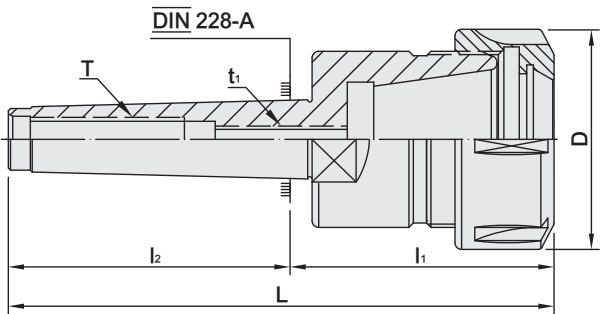


MTB / ER COLLET CHUCK



MTB / ER 立銑刀夾頭

(ISO 15488)



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

Features:

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

Collet	Nut	Spigot Interchangeable Digital	Torque Wrench Adapter (Nut)	Spanner
P.X-18~38	P.X-54~55、57	P.X-73	P.X-74	P.X-80

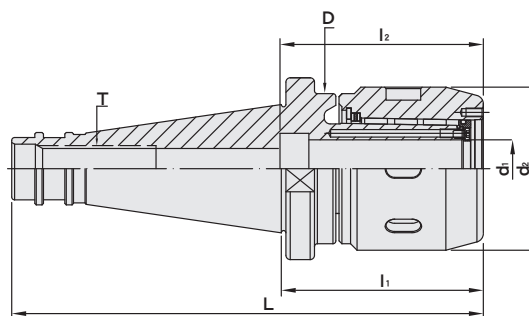


MLD MULTI-LOCK MILLING CHUCK

MLD 直式筒夾 銑床夾頭



台灣精品 2007
TAIWAN EXCELLENCE



MODEL NO.	TYPE	L	I ₁	I 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
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	Spanner	Spanner	Set Screw
P.X-46~47	P.X-62	P.X-63	P.X-80	P.X-82	P.X-111



EOC COLLET CHUCK

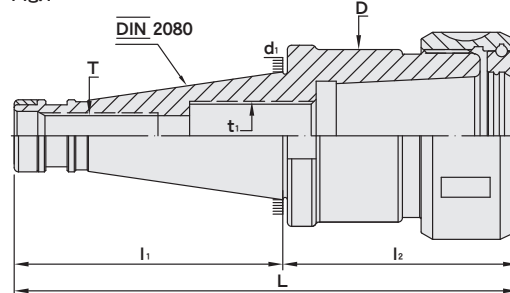


EOC 立銑刀夾頭

(ISO 10897)

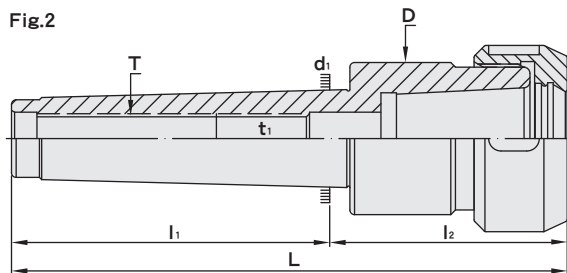


Fig.1



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



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
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

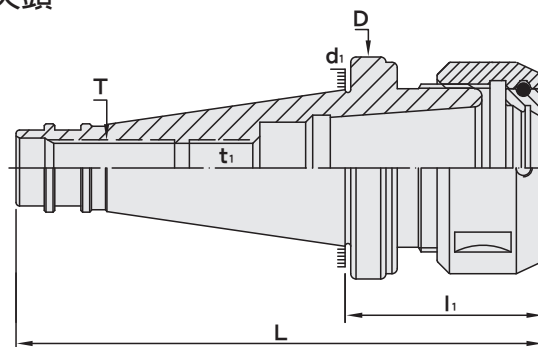
Collet	Nut	Spanner	Tang	Preset Screw
P.X-49	P.X-61	P.X-80	P.X-104	P.X-111



TG COLLET CHUCK



TG 立銑刀夾頭



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
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
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

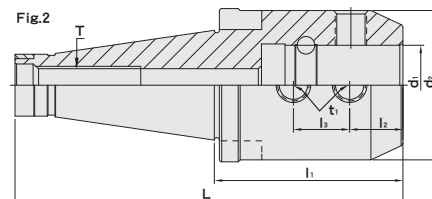
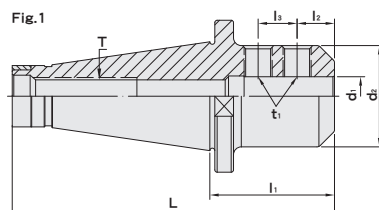
Collet	Nut	Spanner	Tang	Preset Screw
P.X-50~52	P.X-61	P.X-80	P.X-104	P.X-111



NT / SLN SIDE LOCK END MILL HOLDER

NT / SLN 側固式立銑刀桿

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



MODEL NO.	TYPE	L	l ₁	l ₂	l ₃	d ₁	d ₂	t ₁	T DRAW BAR		Fig.	WEIGHT (KGS)
5120-653-061/5-040	NT30 x SLN6 - 40	108.4	40	18	-	6	25	M6 x 1.0P	1/2 "-12	M12x1.75P	1	0.50
5120-653-081/5-040	NT30 x SLN8 - 40	108.4	40	18	-	8	28	M8 x 1.25P	1/2 "-12	M12x1.75P	1	0.60
5120-653-101/5-040	NT30 x SLN10 - 40	108.4	40	20	-	10	35	M10 x 1.5P	1/2 "-12	M12x1.75P	1	0.60
5120-653-121/5-050	NT30 x SLN12 - 50	118.4	50	22.5	-	12	42	M12x 1.75P	1/2 "-12	M12x1.75P	1	0.65
5120-653-161/5-050	NT30 x SLN16 - 50	118.4	50	24	-	16	48	M14 x 2.0P	1/2 "-12	M12x1.75P	1	0.75
5120-653-201/5-063	NT30 x SLN20 - 63	131.4	63	25	-	20	52	M16 x 2.0P	1/2 "-12	M12x1.75P	1	1.10
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	1	1.20
5121-653-061/5-050	NT40 x SLN6 - 50	143.4	50	18	-	6	25	M6 x 1.0P	5/8 "-11	M16x2.0P	1	0.90
5121-653-081/5-050	NT40 x SLN8 - 50	143.4	50	18	-	8	28	M8 x 1.25P	5/8 "-11	M16x2.0P	1	0.95
5121-653-101/5-050	NT40 x SLN10 - 50	143.4	50	20	-	10	35	M10 x 1.5P	5/8 "-11	M16x2.0P	1	1.10
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	1	1.00
5121-653-161/5-063	NT40 x SLN16 - 63	156.4	63	24	-	16	48	M14 x 2.0P	5/8 "-11	M16x2.0P	1	1.40
5121-653-201/5-063	NT40 x SLN20 - 63	156.4	63	25	-	20	52	M16 x 2.0P	5/8 "-11	M16x2.0P	1	1.45
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	1	2.10
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	1	2.50
5122-653-061/5-063	NT50 x SLN6 - 63	189.8	63	18	-	6	25	M6 x 1P	1 "-8	M24x3.0P	1	2.90
5122-653-081/5-063	NT50 x SLN8 - 63	189.8	63	18	-	8	28	M8 x 1.25P	1 "-8	M24x3.0P	1	3.00
5122-653-101/5-063	NT50 x SLN10 - 63	189.8	63	20	-	10	35	M10 x 1.5P	1 "-8	M24x3.0P	1	3.20
5122-653-121/5-063	NT50 x SLN12 - 63	189.8	63	22.5	-	12	42	M12 x 1.75P	1 "-8	M24x3.0P	1	3.30
5122-653-161/5-063	NT50 x SLN16 - 63	189.8	63	24	-	16	48	M14 x 2.0P	1 "-8	M24x3.0P	1	3.50
5122-653-201/5-063	NT50 x SLN20 - 63	189.8	63	25	-	20	52	M16 x 2.0P	1 "-8	M24x3.0P	1	3.60
5122-653-251/5-080	NT50 x SLN25 - 80	206.8	80	24	25	25	65	M18 x 2.0P	1 "-8	M24x3.0P	1	4.20
5122-653-321/5-080	NT50 x SLN32 - 80	206.8	80	24	28	32	72	M20 x 2.0P	1 "-8	M24x3.0P	1	4.40
5122-653-401/5-100	NT50 x SLN40 - 100	226.8	100	30	32	40	90	M20 x 2.0P	1 "-8	M24x3.0P	1	4.40
5122-653-401/5-120	NT50 x SLN40 - 120	246.8	120	30	32	40	90	M20 x 2.0P	1 "-8	M24x3.0P	1	4.20
5122-653-421/5-100	NT50 x SLN42 - 100	226.8	100	30	32	42	90	M20 x 2.0P	1 "-8	M24x3.0P	1	4.60
5122-653-501/5-120	NT50 x SLN50 - 120	246.8	120	35	35	50	95	M24 x 2.0P	1 "-8	M24x3.0P	1	4.80
5122-653-631/5-120	NT50 x SLN63 - 120	246.8	120	40	40	63	125	M20 x 2.0P	1 "-8	M24x3.0P	1	5.40
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	1	5.00
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	2	5.00

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

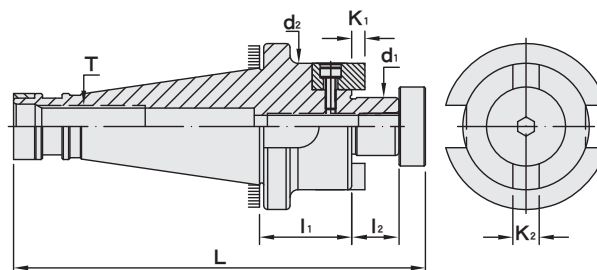


P.X-113



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 - 35	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 - 35	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 - 35	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 - 35	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 - 35	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 - 35	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 - 35	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 - 24	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 - 45	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 - 45	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 - 45	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 - 45	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 - 24	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 - 35	122.4	35	19	22	42	5	10	1/2" - 12	M12 x 1.75P	0.67
5120-153-271/5-035	NT30 x FMB27mm - 35	123.4	35	20	27	60	5	12	1/2" - 12	M12 x 1.75P	1.00
5120-153-321/5-035	NT30 x FMB32mm - 35	125.4	35	22	32	65	7	14	1/2" - 12	M12 x 1.75P	1.20
5120-153-401/5-035	NT30 x FMB40mm - 35	128.4	35	25	40	80	8	16	1/2" - 12	M12 x 1.75P	1.40
5121-153-221/5-035	NT40 x FMB22mm - 35	147.4	35	19	22	48	5	10	5/8" - 11	M16 x 2.0P	1.25
5121-153-271/5-035	NT40 x FMB27mm - 35	148.4	35	20	27	58	5	12	5/8" - 11	M16 x 2.0P	1.45
5121-153-321/5-035	NT40 x FMB32mm - 35	150.4	35	22	32	65	7	14	5/8" - 11	M16 x 2.0P	1.70
5121-153-401/5-035	NT40 x FMB40mm - 35	153.4	35	25	40	80	8	16	5/8" - 11	M16 x 2.0P	2.2
5122-153-221/5-045	NT50 x FMB22mm - 45	189.8	45	19	22	48	5	10	1" - 8	M24 x 3.0P	3.50
5122-153-271/5-045	NT50 x FMB27mm - 45	191.8	45	20	27	58	5	12	1" - 8	M24 x 3.0P	3.90
5122-153-321/5-045	NT50 x FMB32mm - 45	193.8	45	22	32	65	7	14	1" - 8	M24 x 3.0P	4.00
5122-153-401/5-045	NT50 x FMB40mm - 45	196.8	45	25	40	80	8	16	1" - 8	M24 x 3.0P	4.83

Features:

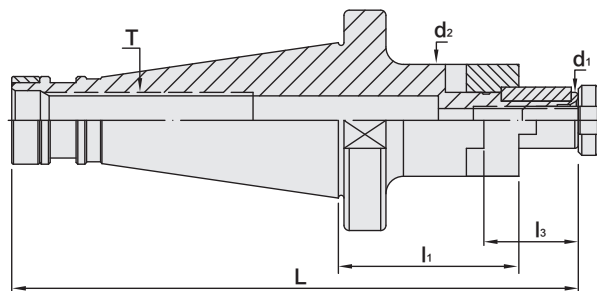
- ▶ d₁=the external dia. of face mill cutter.
- ▶ There's a plastic ring at the end of the shank to protect machine spindle.
- ▶ When making an order, please inform draw bar size.



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.

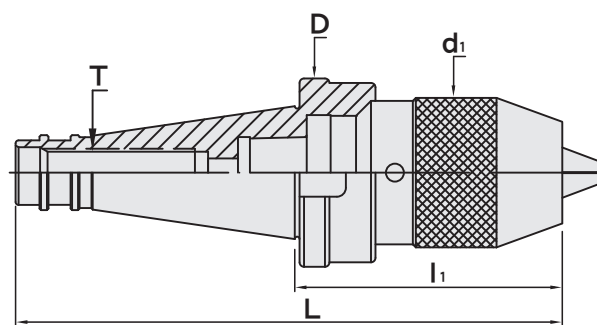
Standard Accessory: • Key • REMOVABLE RING • NUT • SPANNER

Key	Removable Ring	Nut	Spanner
			
P.X-72	P.X-72	P.X-72	P.X-72



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

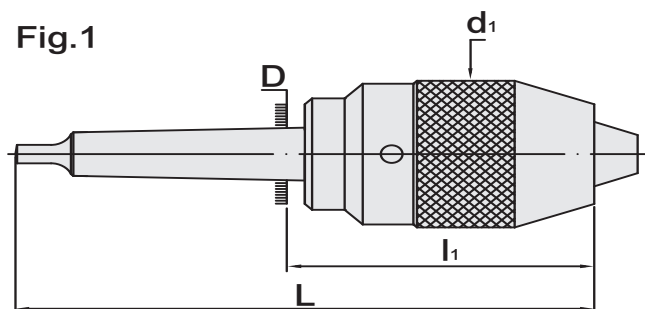
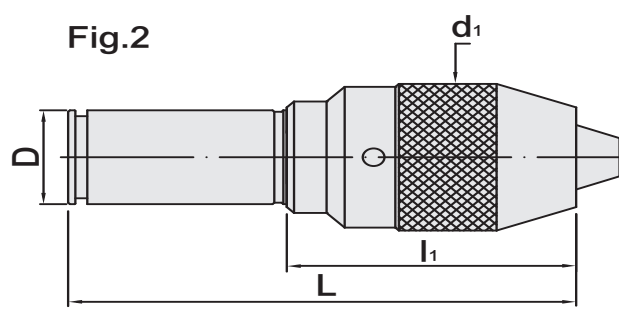


Fig.2



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

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.

Standard Accessory:

Spanner	Tang
	
P.X-80	P.X-104

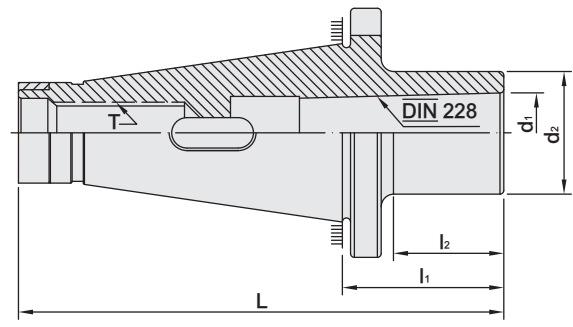


NT MORSE TAPER ADAPTER

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

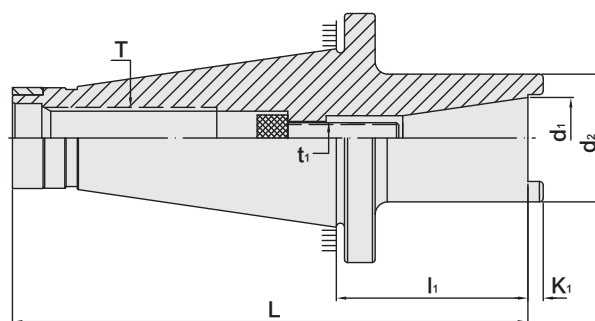
Features:

- ▶ Hardened & precision ground (I.D & O.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.



MEMO

