

數控CNC迴轉頂針 LIVE CENTER FOR CNC LATHE



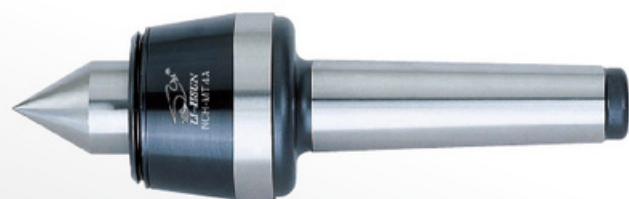
高速頂針(螺帽型) HIGH-SPEED LIVE CENTER (WITH NUT)

RPM: 1500 - 5000 MT/MK. 3, 4, 5, 6



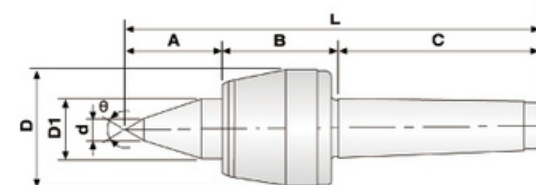
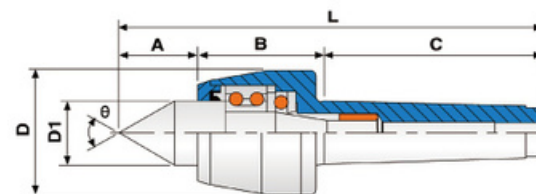
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NCH 型 LIVE CENTER

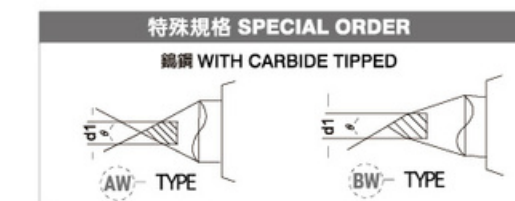


A-TYPE

迷宮式迴轉頂針無油防水結構
專利號碼 M553237
MAZE TYPE, WATERPROOF DESIGNED
WITHOUT SEAL, PAT. NO. M553237



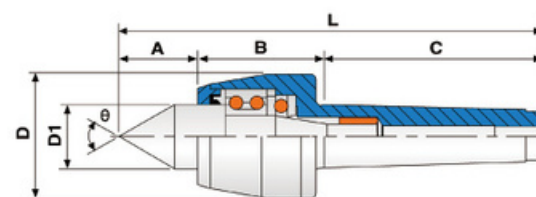
B-TYPE



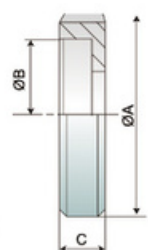
NCH-T 型 LIVE CENTER



AT-TYPE



BT-TYPE



MORES TAPER MT / MK	DIMENSIONS (mm)		
	A	B	C
NCH-MT.4AT NCH-MT.4BT	69	M60 x 1.5	20
NCH-MT.5AT NCH-MT.5BT	92	M80 x 1.5	25

NCH 型 LIVE CENTER

1. 前端使用雙列滾珠軸承及止推軸承，滾針軸承之組合。

2. 適用於CNC車床，具中負荷使用與防水性。

3. 車床尾座調整壓力建議5~8公斤。

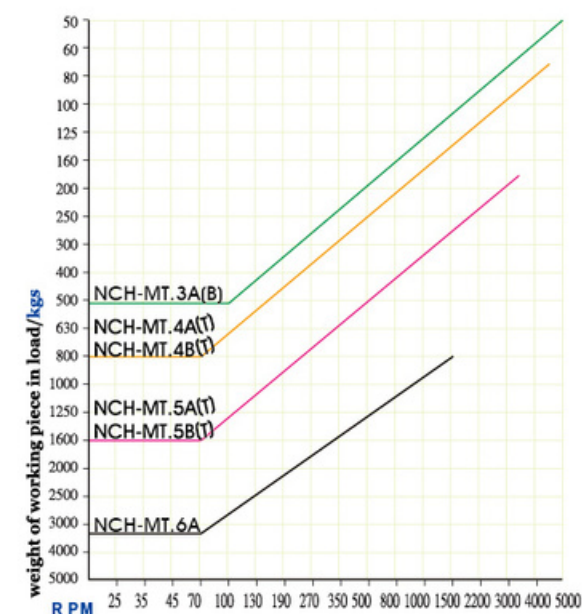
※ NCH-B(T)型；適合小工作物之加工切削。

1. Center shaft is made of alloy steel and hardened through vacuum heat treatment to provide higher rigidity HRC60°±1°

2. Center is fitted with dual ball bearing, thrust bearing and needle roller bearing assembly, the waterproof is maze type.

3. The tailstock pressure of lathe adjusts to five to eight kilograms. (for reference)

※ Applicable to high speed lathes and CNC lathes with heavy loads.



單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	d	L	d1	Co精度 Accuracy	Max R.P.M	θ	G.W. WEIGHT kgs	包裝尺寸 L x W x H
08030003	NCH-MT.3A	39	55	86	53	30	-	180	12	0.003	5000R.P.M	60°	1.30 kgs	240 x 80 x 65
08030004	NCH-MT.4A	43	60	108	63	32	-	211	12	0.003	4500R.P.M	60°	2.08 kgs	263 x 100 x 90
08030005	NCH-MT.5A	49	71	136	83	40	-	256	18	0.003	3500R.P.M	60°	4.40 kgs	320 x 118 x 110
08030006	NCH-MT.6A	80	110	189	128	70	-	379	-	0.008	1500R.P.M	60°	16.5 kgs	425 x 185 x 180
08030013	NCH-MT.3B	45	55	86	53	30	10	186	12	0.003	5000R.P.M	60°	1.34 kgs	240 x 80 x 65
08030014	NCH-MT.4B	53	60	108	63	32	12	221	12	0.003	4500R.P.M	60°	2.12 kgs	263 x 100 x 90
08030015	NCH-MT.5B	65	73	136	83	40	14	274	18	0.003	3500R.P.M	60°	4.42 kgs	320 x 118 x 110
08020044	NCH-MT.4AT	42	76	108	60	32	-	226	12	0.003	4500R.P.M	60°	2.42 kgs	263 x 100 x 90
08020045	NCH-MT.5AT	49	82	136	80	40	-	267	18	0.003	3500R.P.M	60°	5.02 kgs	320 x 118 x 110
08020054	NCH-MT.4BT	52	76	108	60	32	12	256	12	0.003	4500R.P.M	60°	2.46 kgs	263 x 100 x 90
08020055	NCH-MT.5BT	65	82	136	80	40	14	283	18	0.003	3500R.P.M	60°	5.04 kgs	320 x 118 x 110
	NCH-MT.6AT	80	130	190	128	70	-	400	-	0.008	1500R.P.M			

替換式高速頂針(螺帽型)

INTERCHANGEABLE HIGH-SPEED LIVE CENTER (WITH NUT)

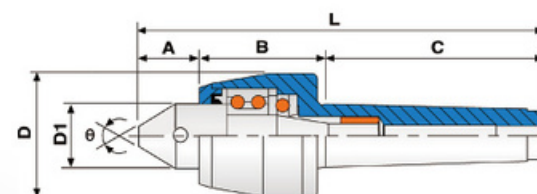
R.P.M: 3500- 5000 MT/MK. 3, 4, 5



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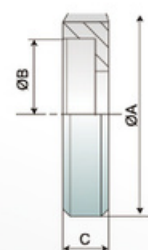
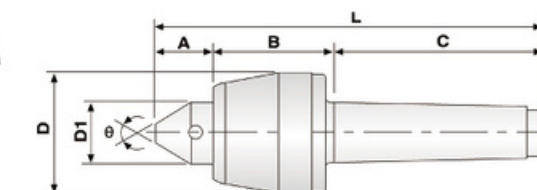
NCS

型 LIVE CENTER



NCS-T

型 LIVE CENTER



MORES TAPER MT / MK	DIMENSIONS (mm)		
	A	B	C
NCS-MT.4(T) NCS-MT.4P(T)	69	M60 x 1.5	20
NCS-MT.5P(T)	92	M80 x 1.5	25

NCS

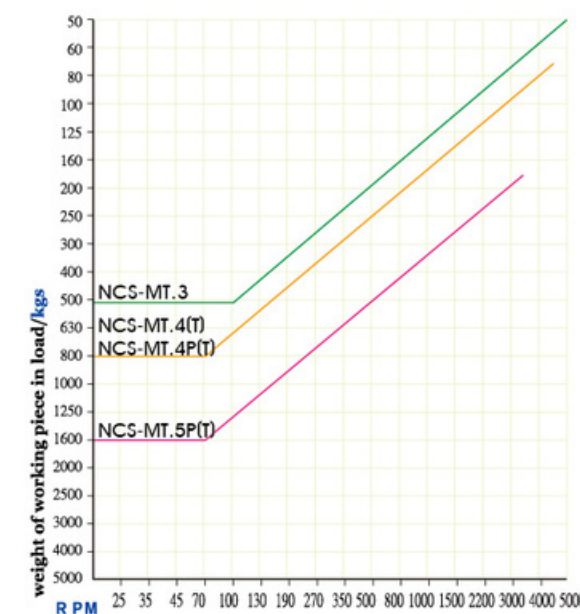
型 LIVE CENTER

1. 前端使用雙列滾珠軸承及止推軸承，滾針軸承之組合。
2. 適用於CNC車床，具中負荷使用與防水性。
3. 車床尾座調整壓力建議5~8公斤。

1. Center shaft is made of alloy steel and hardened through vacuum heat treatment to provide higher rigidity HRC60 $\pm$ 1°
2. Center is fitted with dual ball bearing, thrust bearing and needle roller bearing assembly, the waterproof is maze type.

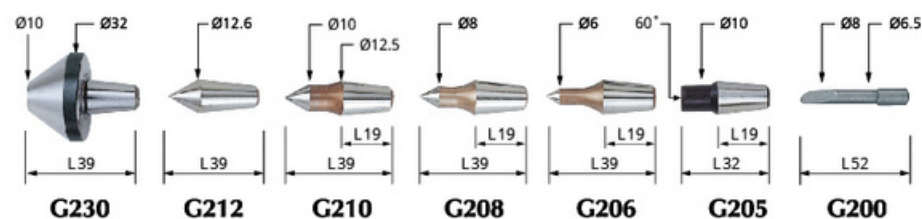
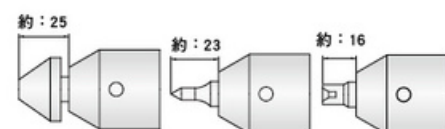
3. The tailstock pressure of lathe adjusts to five to eight kilograms. (for reference)

※ Applicable to high speed lathes and CNC lathes with heavy loads.



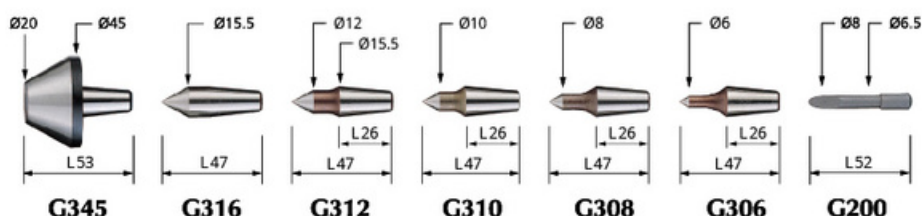
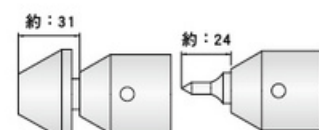
NCS-MT.3 / NCS-MT.4(T)

※ G2頂針仔-安裝示意圖



NCS-MT.4P(T) / NCS-MT.5P(T)

※ G3頂針仔-安裝示意圖



單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	L	Co 精度 Accuracy	Max R.P.M	θ	G.W. WEIGHT kgs	包裝尺寸 L x W x H
08030023	NCS-MT.3	28	55	86	53	30	169	0.005	5000 R.P.M	60°	1.50 kgs	235 x 130 x 100
08030024	NCS-MT.4	30	62	108	63	32	200	0.005	4500 R.P.M	60°	2.16 kgs	238 x 132 x 80
08030034	NCS-MT.4P	30	62	108	63	32	200	0.005	4500 R.P.M	60°	2.70 kgs	263 x 100 x 90
08030035	NCS-MT.5P	32	71	136	83	40	239	0.005	3500 R.P.M	60°	5.00 kgs	320 x 118 x 110
080300604	NCS-MT.4T	30	62	108	63	32	196	0.005	4500 R.P.M	60°	2.54 kgs	263 x 100 x 90
08030064	NCS-MT.4PT	30	62	108	63	32	196	0.005	4500 R.P.M	60°	3.08 kgs	263 x 100 x 90
08030065	NCS-MT.5PT	32	71	136	83	40	266	0.005	3500 R.P.M	60°	5.35 kgs	235 x 130 x 100

重負荷頂針 HEAVY-LOAD TYPE

RPM: 4000 - 6000 MT/MK. 3, 4, 5



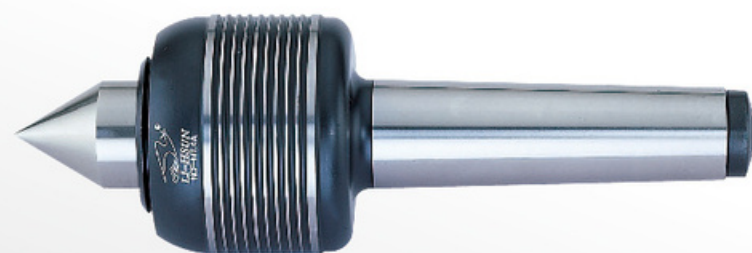
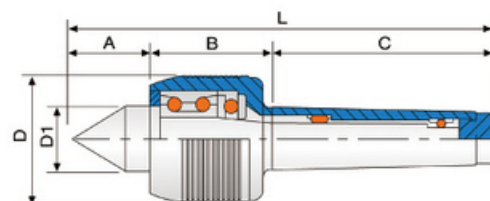
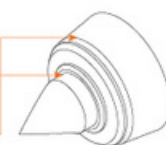
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NCF

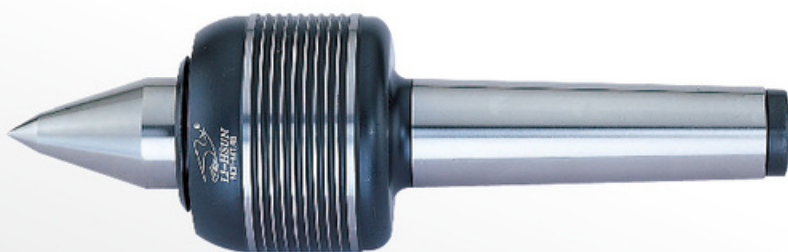
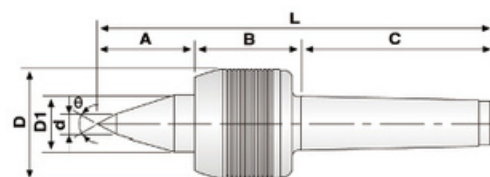
型 LIVE CENTER

迷宮式迴轉頂針無油防水結構
專利號碼 M553237

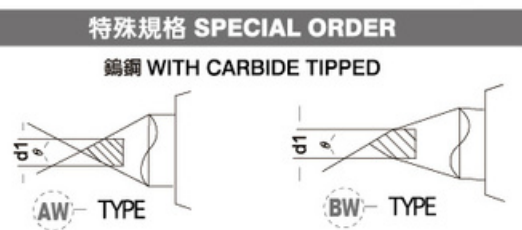
MAZE TYPE, WATERPROOF DESIGNED
WITHOUT SEAL, PAT. NO. M553237



A TYPE



B TYPE



特殊規格 SPECIAL ORDER

鎢鋼 WITH CARBIDE TIPPED

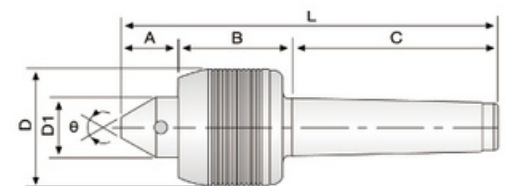


AW TYPE

BW TYPE

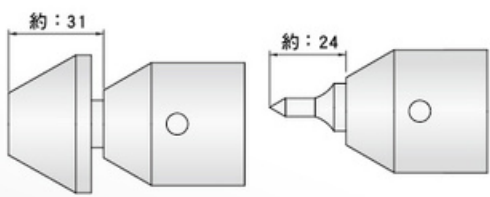
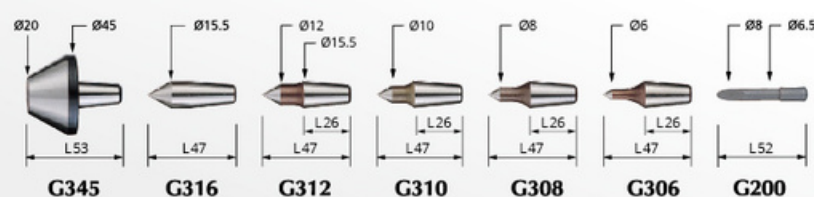
NCFP

型 LIVE CENTER



單位/Unit:mm

※ 頂針仔-安裝示意圖



NCF

型 LIVE CENTER

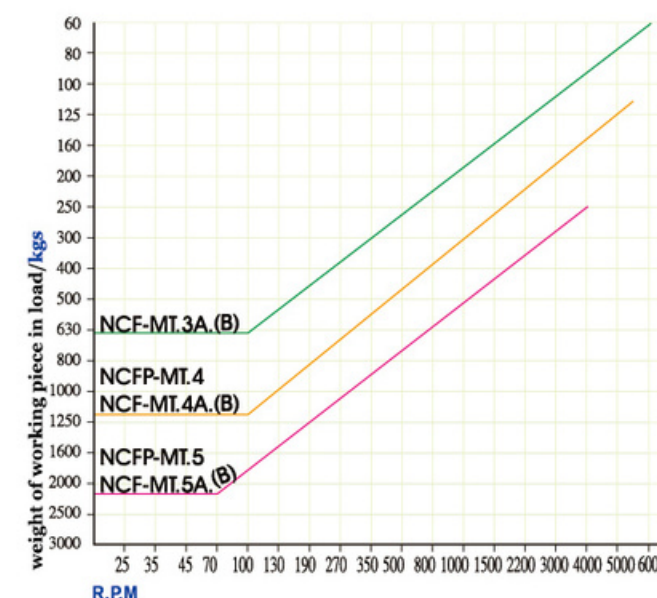
1. 心軸使用合金工具鋼之材質，經真空熱處理為(HRC60° ± 1°)具高鋼性及耐磨性。
2. 前端使用雙列斜角滾珠軸承及止推軸承中段及後段使用滾針軸承之組合，具防水性。
3. 車床尾座調整壓力建議5~8公斤。

※ NCF-B型；適合小工作物加工使用。

1. The shaft is made of alloy steel and through vacuum heat treatment (HRC 60 ± 1°). It possesses great rigidity and high durability.
2. Front end is fitted with angular contact ball bearing & thrust bearing. Middle & Rear end are fitted with needle bearing, the waterproof is maze type.

3. The tailstock pressure of lathe adjusts to five to eight kilograms. (for reference)

※ NCF-B type: Long nose live centers are suitable for small workpieces.



中負荷頂針 MEDIUM-LOAD TYPE

RPM: 5000 - 6500 MT/MK. 4, 5



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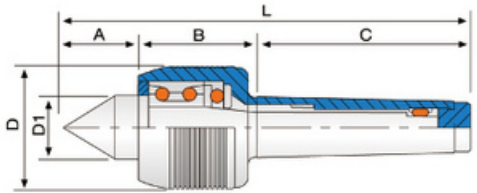
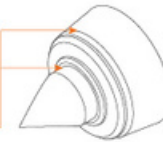
NC 型 LIVE CENTER



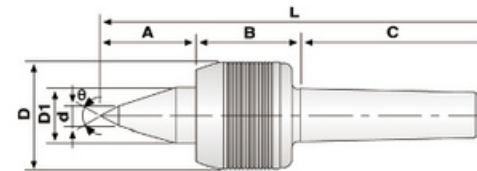
A-TYPE



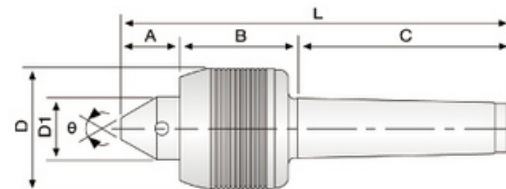
迷宮式迴轉頂針無油封防水結構
專利號碼 M553237
MAZE TYPE, WATERPROOF DESIGNED
WITHOUT SEAL, PAT. NO. M553237



B-TYPE

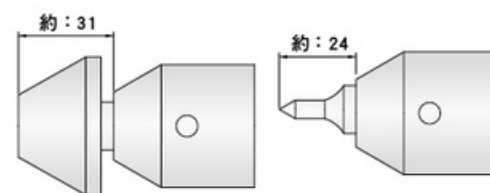
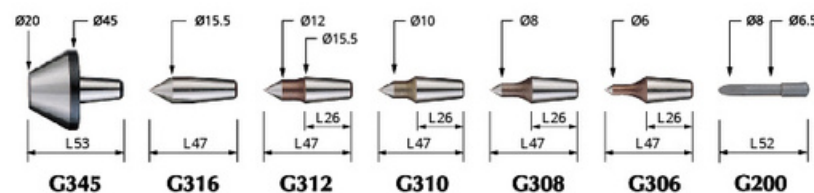


NCD 型 LIVE CENTER



單位/Unit:mm

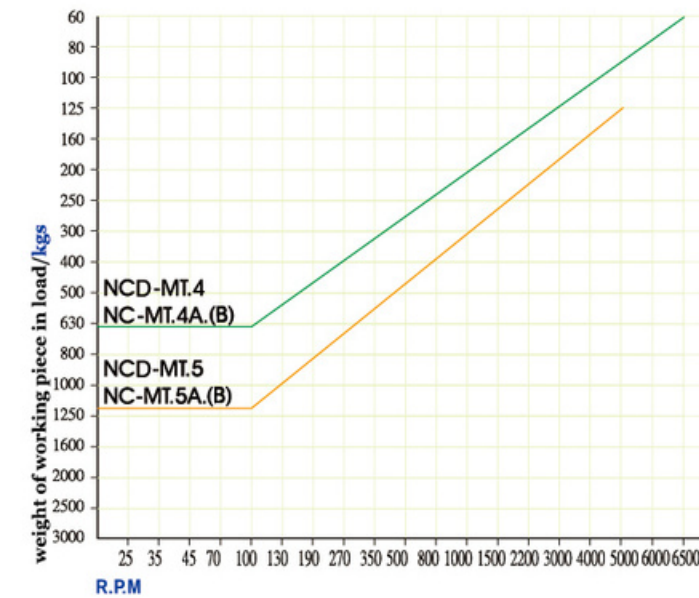
※ 頂針仔-安裝示意圖



NC 型 LIVE CENTER

1. 前端使用雙列斜角滾珠軸承及止推軸承，及滾針軸承之組合。
 2. 此頂針適用於CNC車床，具高速及中負荷使用，具防水性。
 3. 車床尾座調整壓力建議5~8公斤。
- ※ NC-B型;適合小工作物之加工切削。

1. Front end is fitted with angular contact ball bearing, thrust bearing and needle bearing.
 2. These centers are suitable for CNC lathes at high-speed and medium-load. Waterproof design, the waterproof is maze type.
 3. The tailstock pressure of lathe adjusts to five to eight kilograms (for reference)
- ※ NC-B type: Long nose live centers are suitable for small workpieces.



單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	d	L	Co精度 Accuracy	Max R.P.M	θ	G.W. weight kgs	包裝尺寸 L x W x H
08200004	NC-MT.4A	44	55	108	53	30	-	207	0.003	6500R.P.M	60°	1.62 kgs	240 x 80 x 65
08200005	NC-MT.5A	48	61	136	68	35	-	245	0.003	5000R.P.M	60°	3.26 kgs	300 x 90 x 90
08200014	NC-MT.4B	52	55	108	53	30	12	215	0.003	6500R.P.M	60°	1.63 kgs	240 x 80 x 65
08200015	NC-MT.5B	58	61	136	68	35	14	255	0.003	5000R.P.M	60°	3.28 kgs	300 x 90 x 90
08200024	NCD-MT.4	33	55	108	53	30	-	196	0.005	6500R.P.M	60°	2.28 kgs	235 x 130 x 86
08200025	NCD-MT.5	37	61	136	68	35	-	234	0.005	5000R.P.M	60°	4.12 kgs	280 x 150 x 100

可調式頂針 ADJUSTMENT WATER-PROOF TYPE

RPM: 1500 - 5000 MT/MK. 3, 4, 5, 6



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高性能迴轉頂針 HIGH-PERFORMANCE TYPE



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NCR

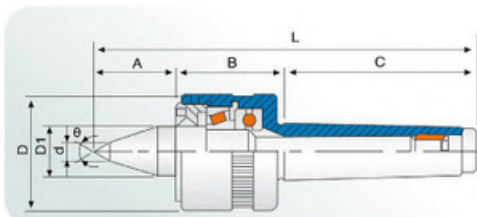
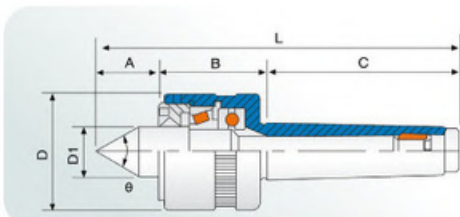
型 LIVE CENTER



A-TYPE



B-TYPE



1. 心軸使用合金工具鋼之材質，經真空熱處理(HRC60° ± 1°)具高鋼性及耐磨性。
2. 此頂針使用錐狀、止推以及滾針軸承之組合。
3. 適用於中、重負荷使用，具防水性。
4. 車床尾座調整壓力建議5~8公斤。

※ 防水設計

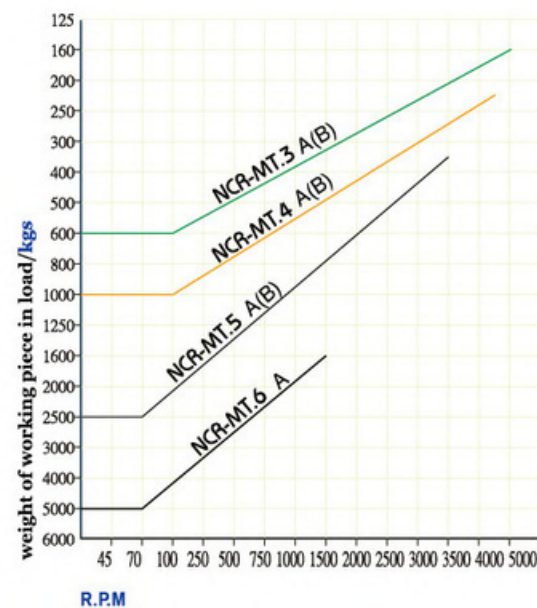
1. The shaft uses alloy steel and hardened through vacuum heat treatment to (HRC60° ± 1°).
2. The center uses the combination of taper roller bearing, thrust bearing and needle bearing.
3. Applicable to medium and heavy loads, the waterproof is maze type.
4. The tailstock pressure of lathe adjusts to five to eight kilograms (for reference)
5. The center is adjustable to reach original loading capacity after using for a long period of time.

※ Long nose live centers are suitable for small workpieces.

※ Waterproof design.

單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	d	L	Co精度 Accuracy	Max R.P.M	θ	G.W. WEIGHT kgs	包裝尺寸 L x W x H
08070003	NCR-MT.3A	37	47	86	50	25	-	170	0.003	5000R.P.M	60°	1.12 kgs	240 x 80 x 65
08070004	NCR-MT.4A	45	59	108	65	32	-	212	0.003	4500R.P.M	60°	2.44 kgs	263 x 100 x 90
08070005	NCR-MT.5A	50	62	136	80	40	-	248	0.003	3500R.P.M	60°	4.32 kgs	320 x 118 x 110
08070006	NCR-MT.6A	78	85	189	128	60	-	352	0.008	1500R.P.M	60°	15.12 kgs	425 x 185 x 180
08070013	NCR-MT.3B	47	47	86	50	25	10	180	0.003	5000R.P.M	60°	1.13 kgs	240 x 80 x 65
08070014	NCR-MT.4B	60	59	108	65	32	12	227	0.003	4500R.P.M	60°	2.46 kgs	263 x 100 x 90
08070015	NCR-MT.5B	70	62	136	80	40	14	268	0.003	3500R.P.M	60°	4.52 kgs	320 x 118 x 110



NCK

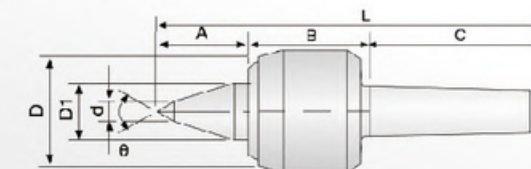
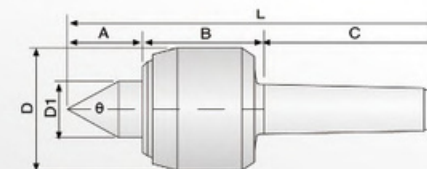
型 LIVE CENTER



A-TYPE



B-TYPE



迷宮式迴轉頂針無油封防水結構
專利號碼 M553237

MAZE TYPE, WATERPROOF DESIGNED
WITHOUT SEAL, PAT. NO. M553237



1. 心軸使用合金工具鋼之材質，經真空熱處理為 (HRC60° ± 1°)具高鋼性及耐磨性。
2. 此頂針使用圓筒滾柱軸承及止推軸承。深溝滾珠軸承之組合，適合CNC車床使用、有防水設計，車床尾座調整壓力建議5~8公斤。

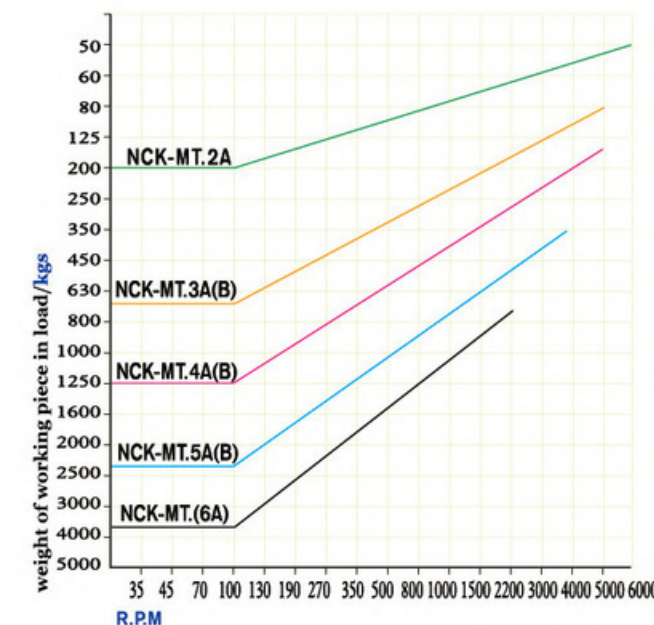
※ NCK-B型；適合小工作物加工使用。

1. The shaft is made of alloy steel and through vacuum heat treatment HRC60° ± 1°. It possesses great rigidity and high durability.
2. The center uses the combination of roller bearing, thrust ball bearing and ball bearing, the tailstock pressure of lathe adjusts to five to eight kilograms (for reference), the waterproof is maze type.
3. Applicable to CNC lathes, can be used at high speed turning, and is water-proof.

※ NCK-B type: Long nose live centers are suitable for small workpieces.

單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	d	L	Co精度 Accuracy	Max R.P.M	θ	G.W. WEIGHT kgs	包裝尺寸 L x W x H
08010022	NCK-MT.2A	20	38	69	32	13	-	127	0.005	6000R.P.M	60°	0.38 kgs	180 x 50 x 40
08010023	NCK-MT.3A	34	61	86	58	25	-	181	0.005	5200R.P.M	60°	1.58 kgs	240 x 80 x 65
08010024	NCK-MT.4A	44	72	109	76	35	-	225	0.005	5000R.P.M	60°	3.04 kgs	257 x 100 x 90
08010025	NCK-MT.5A	60	91	136	95	45	-	287	0.005	3500R.P.M	60°	6.54 kgs	320 x 118 x 115
08010026	NCK-MT.6A	64	106	190	120	58	-	360	0.008	2300R.P.M	60°	15.0 kgs	425 x 185 x 180
08010033	NCK-MT.3B	45	61	86	58	25	10	192	0.005	5200R.P.M	60°	1.58 kgs	240 x 80 x 65
08010034	NCK-MT.4B	55	72	109	76	35	12	236	0.005	5000R.P.M	60°	3.10 kgs	257 x 100 x 90
08010035	NCK-MT.5B	70	91	136	95	45	14	297	0.005	3500R.P.M	60°	6.54 kgs	320 x 118 x 110



超重負荷頂針 SUPER-LOAD TYPE

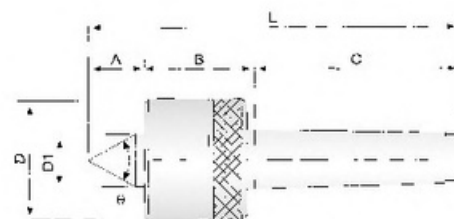
RPM: 1000 - 1800 MT/MK. 5, 6, 7, 80#



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SW

型 LIVE CENTER



1. 心軸使用合金工具鋼之材質，經真空熱處理，使心軸更具耐磨性，硬度較高(HRC60°~62°)。
2. 此頂針適用於重型車床及較重負荷載使用。
3. 車床尾座調整壓力建議5~12 公斤 (參考值)

※ 防水設計

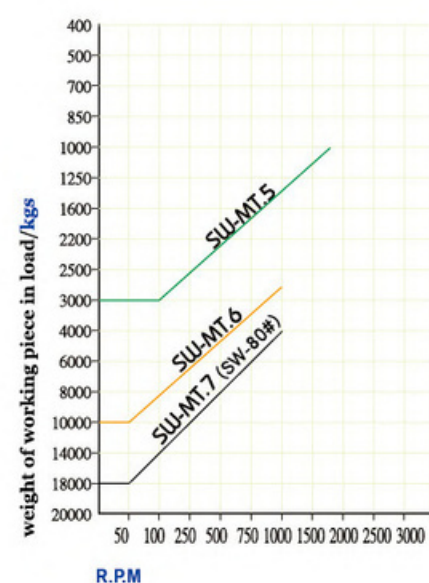
※ 因SW-MT.7(SW-MT.80#)本身重量重，如加工工件重，為了避免有RUNOUT(偏轉/擺)現象產生，建議中間使用輔助器材支撐。

1. Shaft uses alloy steel and hardened through vacuum heat treatment to (HRC 60°~62°).
2. Applicable to heavy duty lathes.

3. The tailstock pressure of lathe adjusts to five to twelve kilograms. (for reference)

※ Waterproof design.

※ Due to the heavy weight for the type SW-MT.7(SW-MT.80#) and also for the gigantic workpiece, need to put a support frame with your workpiece in case of runout while working.



單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	L	Co精度 Accuracy	Max R.P.M	θ	G.W. WEIGHT kgs	包裝尺寸 L x W x H
08060005	SW-MT.5	52	82	135	98	50	269	0.005	1800R.P.M	60°	6.8 kgs	340 x 140 x 125
08060006	SW-MT.6	84	115	190	155	70	389	0.008	1000R.P.M	60°	22 kgs	420 x 185 x 180
08060007	SW-MT.7	106	127	260	196	90	493	0.008	1000R.P.M	60°	42 kgs	530 x 242 x 235
08060008	SW- 80#	106	127	200	196	90	433	0.008	1000R.P.M	60°	40 kgs	530 x 242 x 235

傘型頂針 BULL NOSE CENTER TYPE

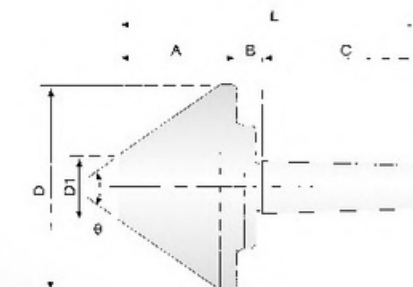
BULL NOSE CENTER TYPE



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BC

型 LIVE CENTER



1. 傘型頂針頭部使用鉻鉬鋼材質，經熱處理 (HRC 60°±1°)。
2. 內部使用錐狀以及滾珠軸承之組合。
3. 適用於較大內孔徑之加工使用。
4. 車床尾座調整壓力建議6~10 公斤。

1. The tip of bull nose center uses Cr-Mo steel and hardened to (HRC 60°±1°).
2. The center uses a combination of taper roller bearing and ball bearing.
3. Applicable to pipes turning.
4. The tailstock pressure of lathe adjusts to six to ten kilograms (for reference)

單位/Unit:mm

ORDER NO.	MORES TAPER MT/MK	A	B	C	D	D1	L	Co精度 Accuracy	Max R.P.M	Load weight	θ	G.W. weight kgs	包裝尺寸 L x W x H
08102050	BC50-MT.2	42	23	69	52	13	134	0.003	4000R.P.M	RPM100=200kg	60°	0.72 kgs	205x60x60
08102063	BC63-MT.2	50	15	69	63	13	134	0.003	4000R.P.M	RPM100=200kg	60°	0.94 kgs	195x86x86
08103050	BC50-MT.3	42	23	86	52	13	151	0.003	4000R.P.M	RPM100=200kg	60°	0.84 kgs	205x60x60
08103063	BC63-MT.3	50	15	86	63	13	151	0.003	4000R.P.M	RPM100=200kg	60°	1.08 kgs	195x86x86
08103078	BC78-MT.3	52	18	86	78	15	156	0.003	3300R.P.M	RPM100=400kg	70°	1.56 kgs	195x86x86
08103106	BC106-MT.3	59	16	86	106	25	161	0.003	3000R.P.M	RPM100=500kg	75°	2.66 kgs	220x120x120
08104050	BC50-MT.4	42	23	108	52	13	173	0.003	4000R.P.M	RPM100=200kg	60°	1.13 kgs	205x60x60
08104063	BC63-MT.4	50	15	108	63	13	173	0.003	4000R.P.M	RPM100=200kg	60°	1.38 kgs	195x86x86
08104078	BC78-MT.4	52	18	108	78	15	178	0.003	3300R.P.M	RPM100=400kg	70°	1.88 kgs	195x86x86
08104106	BC106-MT.4	59	16	108	106	25	183	0.003	3000R.P.M	RPM100=500kg	75°	2.96 kgs	220x120x120
08104128	BC128-MT.4	73	12	108	128	40	193	0.003	2000R.P.M	RPM100=500kg	70°	4.84 kgs	140x140x240
08104156	BC156-MT.4	88	12	108	156	45	208	0.003	1900R.P.M	RPM100=800kg	70°	7.68 kgs	170x170x260
08104206	BC206-MT.4	98	12	108	206	81	218	0.005	1500R.P.M	RPM100=1300kg	70°	15.0 kgs	285x285x360
08104258	BC258-MT.4	107	13	108	258	92	228	0.005	1200R.P.M	RPM100=2000kg	80°	22.0 kgs	285x285x360
08105106	BC106-MT.5	59	16	136	106	25	211	0.003	3000R.P.M	RPM100=500kg	75°	3.86 kgs	220x120x120
08105128	BC128-MT.5	73	12	136	128	40	221	0.003	2000R.P.M	RPM100=650kg	70°	5.70 kgs	140x140x240
08105156	BC156-MT.5	88	12	136	156	45	236	0.003	1900R.P.M	RPM100=800kg	70°	8.54 kgs	170x170x260
08105206	BC206-MT.5	98	12	136	206	81	246	0.005	1500R.P.M	RPM100=1600kg	70°	16.0 kgs	285x285x360
08105258	BC258-MT.5	107	13	136	258	92	256	0.005	1200R.P.M	RPM100=2200kg	80°	25.0 kgs	285x285x360
08105306	BC306-MT.5	107	30	136	306	120	273	0.005	1000R.P.M	RPM100=3000kg	90°	37.0 kgs	340x340x360
08106206	BC206-MT.6	98	12	190	206	81	300	0.005	1500R.P.M	RPM100=2000kg	70°	20.0 kgs	285x285x360
08106258	BC258-MT.6	107	13	190	258	92	310	0.005	1200R.P.M	RPM100=2500kg	80°	29.0 kgs	285x285x360
08106306	BC306-MT.6	107	30	190	306	120	327	0.005	1000R.P.M	RPM100=3000kg	90°	40.0 kgs	340x340x360