

自定心中心架

SELF - CENTERING CENTER FRAME



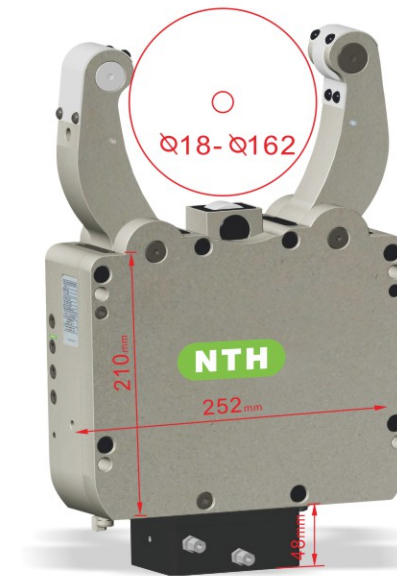
OMSR-F型

新品首發

NEW PRODUCTS

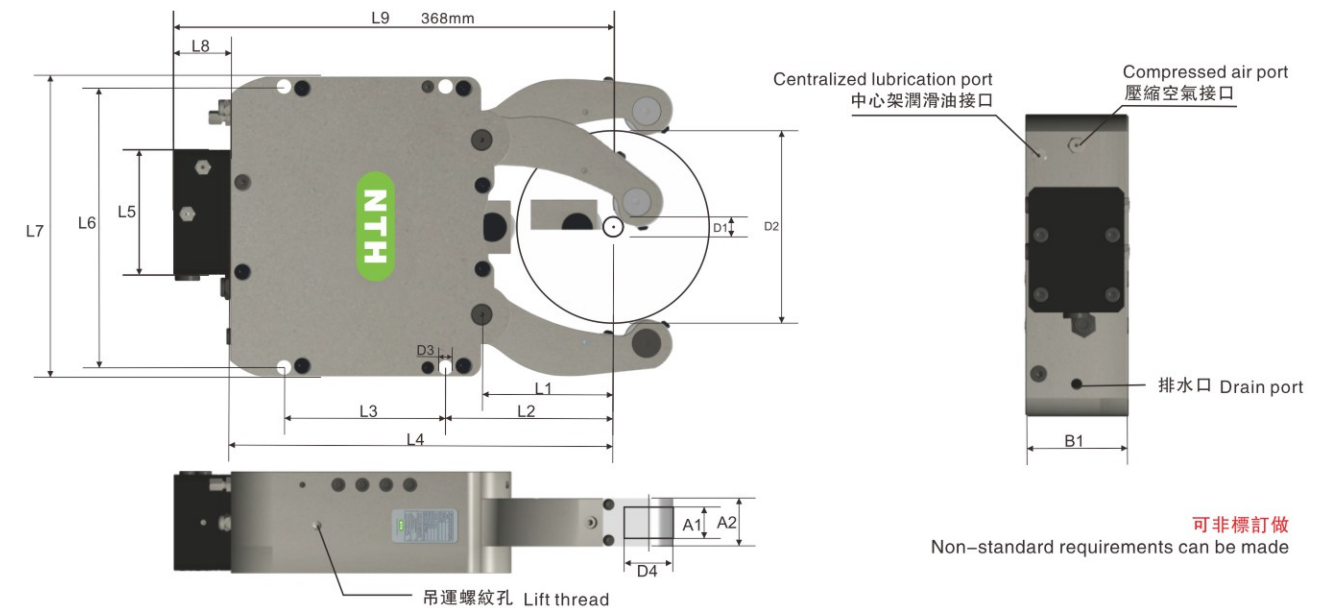
高精度 HIGH PRECISION

獨創設計，更寬夾持
Creative design, Wide clamping
Applicable for machining and milling
適合車削、銑削



NTH-OMSR 型號/Model 規格/Spec	OMSR-F 1
D1 (mm)	18
D2 (mm)	162
D3 (mm)	11
D4 (mm)	40
L1 (mm)	110
L2 (mm)	140
L3 (mm)	135
L4 (mm)	320
L5 (mm)	105
L6 (mm)	235
L7 (mm)	252
L8 (mm)	48
A1 (mm)	21
A2 (mm)	40
A3 (mm)	/
B1 (mm)	85
B2 (mm)	/
B3 (mm)	/
B4 (mm)	/
B5 (mm)	/
工作壓力最小/最大 Work pressure Min./Max. (bar)	8/70
最大夾緊力/滾軸 Max clamping force of the roller (daN)	1000
整個夾持範圍的定位精度 Position accuracy within the clamping range (mm)	0.04
重複定位精度 Repeatability accuracy (mm)	0.007
滾輪最大線速度 Max line speed of the roller (m/min)	725
重量 Weight (KG)	50

非標準油缸按要訂貨，保留技術更改！
Cylinders differing from standard available on request, Subject to technical changes.



可非標訂做
Non-standard requirements can be made

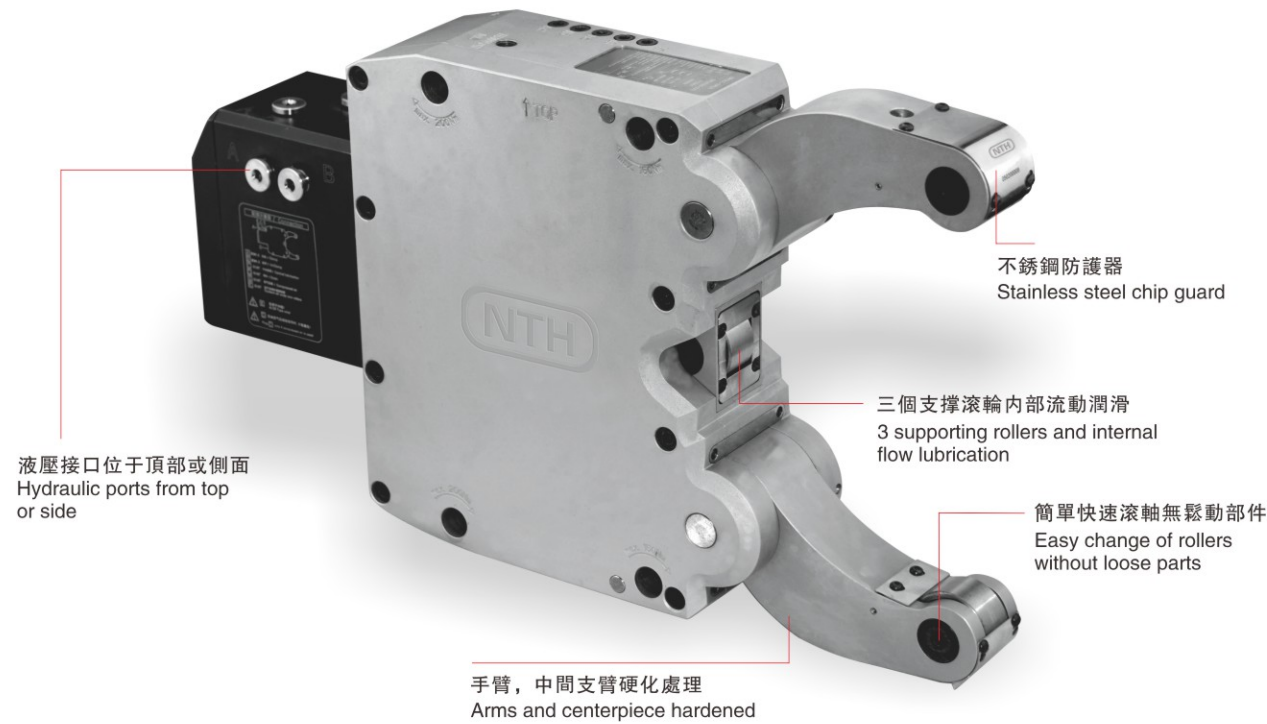
• 保留技術更改的權利，恕不另行通知 Subject to technology changes without prior information

自定心中心架 (適用車削、銑削)

SELF CENTERING STEADY REST (APPLICABLE FOR MACHINING AND MILLING)

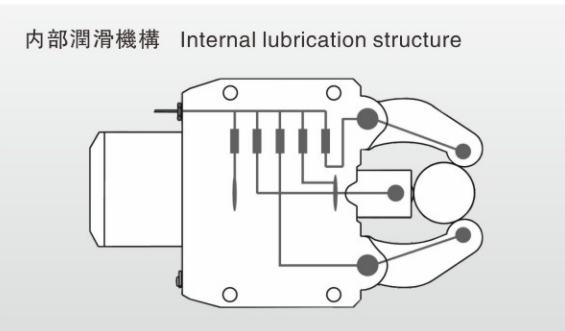
◎ 切削抗震設計 手臂張開設計 無彈簧無磨損

MECHANISM FOR OPENING THE ARMS OF THE STEADY REST WITHOUT SPRINGS AND FREE FROM WEAR. AND ANTI-VIBRATION DESIGN FOR MACHINING.



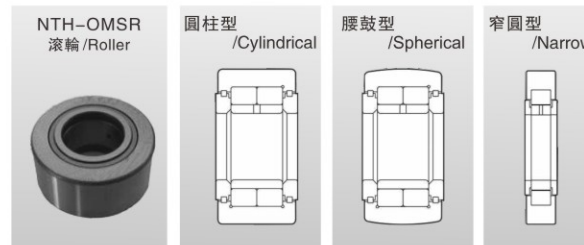
◎ 潤滑·選配 OPTION OF LUBRICATION

手動潤滑：低潤滑，用于中等工作條件，小切削量
集中潤滑：由于惡劣工作條件下，大切削量
油氣潤滑：用于大切削量，粉塵或強力冷卻的最惡劣條件下
Manual lubrication: Low cost solution for medium working conditions and low swarf.
Central lubrication: For heavy working conditions and high build up of swarf
Central lubrication oil and air: For heaviest cutting conditions with high built up of swarf, dust or coolant

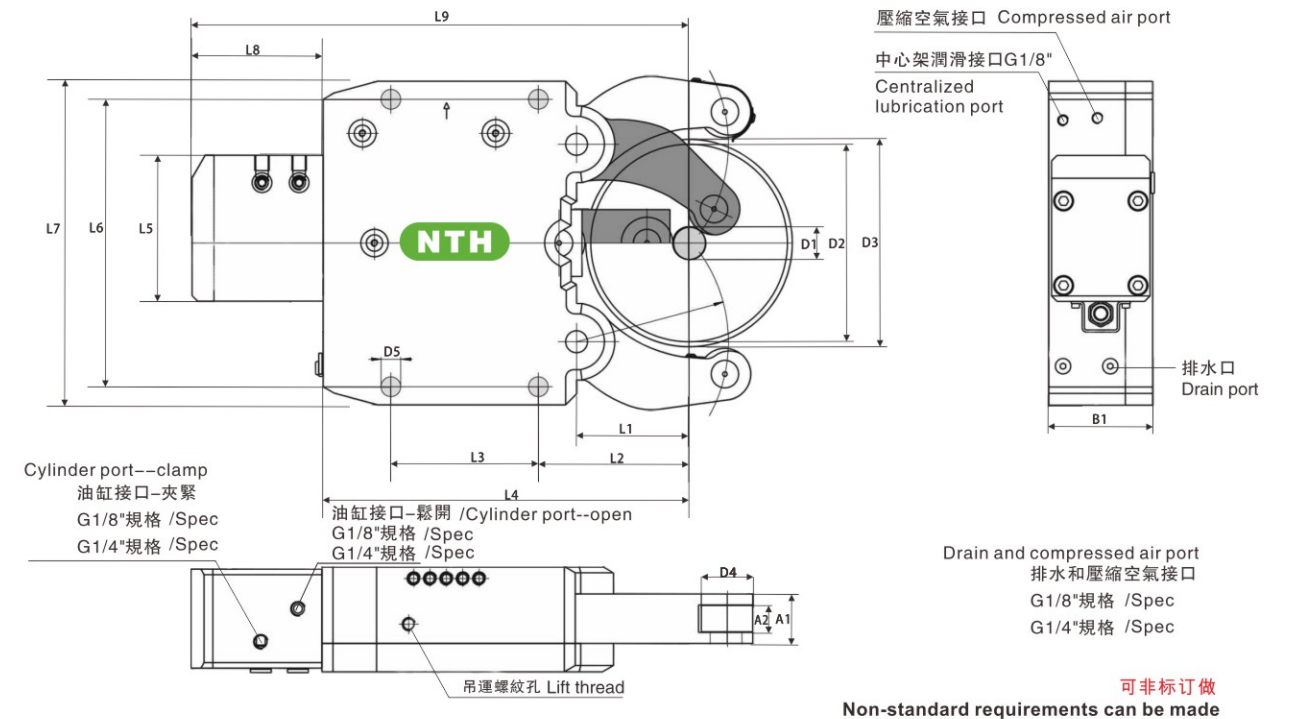


◎ 滾輪·選配 OPTION OF ROLLERS

NTH-OMSR滾輪 (精度等級P05) 是專為中心架設計
特殊的密封保證了最高的精度和使用壽命
標準配置：圓柱型滾子1套
選配：腰鼓型滾子用于跟刀式應用的中心架
Omatei rollers (precision class P05) specially developed for our Steady Rests
Special sealing ensures highest precision and service life
Standard equipment: 1 set of cylindrical rollers
Option: Spherical rollers (for travelling Steady Rests)



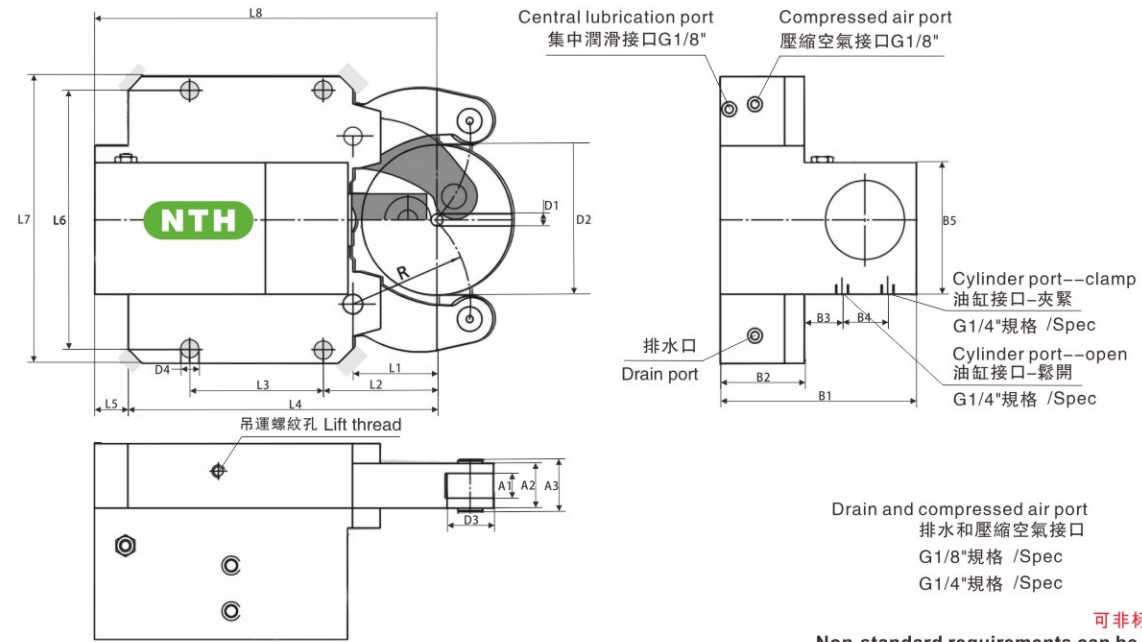
OMSR-A型



NTH-OMSR 型號/Model 規格/Spec	OMSR-A 1	OMSR-A 2	OMSR-A 3	OMSR-A 4	OMSR-A 5	OMSR-A 6	OMSR-A 7	OMSR-A 8
D1 (mm)	6	8	12	20	50	30	50	85
D2 (mm)	70	101	152	162	200	245	310	350
D3 (mm)	76	105	162	170	202	252	318	352
D4 (mm)	24	35	47	47	47	52	62	62
D5 (mm)	11	14	18	18	18	18	24	24
L1 (mm)	37	51	85	93	103	128	160	180
L2 (mm)	52	70	115	123	138	146	178	198
L3 (mm)	66	85	135	135	135	240	270	270
L4 (mm)	149	195	312	320	335	448	510	530
L5 (mm)	82	103	138	138	138	152	160	160
L6 (mm)	140	170	262	262	262	262	400	400
L7 (mm)	160	195	295	295	295	295	440	440
L8 (mm)	65.5	82	116	116	120	155	187	187
L9 (mm)	214.5	277	428	436	455	603	697	717
A1 (mm)	28	35	45	45	45	60	75	75
A2 (mm)	15	19	25	25	25	25	29	29
B1 (mm)	63	75	95	95	95	110	145	145
工作壓力最小/最大 Work pressure Min./Max. (bar)	6/70	8/70	8/80	8/80	8/80	8/80	8/80	8/80
最大夾緊力/滾軸 Max clamping force of the roller (daN)	165	450	1000	1000	1000	1000	2000	2000
整個夾持範圍的定位精度 Position accuracy within the clamping range (mm)	0.02	0.02	0.04	0.04	0.04	0.04	0.06	0.06
重複定位精度 Repeatability accuracy (mm)	0.005	0.005	0.007	0.007	0.007	0.007	0.01	0.01
滾輪最大線速度 Max line speed of the roller (m/min)	800	800	725	725	725	715	700	700
重量 Weight (KG)	7.8	13.9	57	57	58.8	116.5	173.8	177.8

• 非标准油缸按要球訂貨，保留技術更改！Cylinders differing from standard available on request, Subject to technical changes.

OMSR-B型

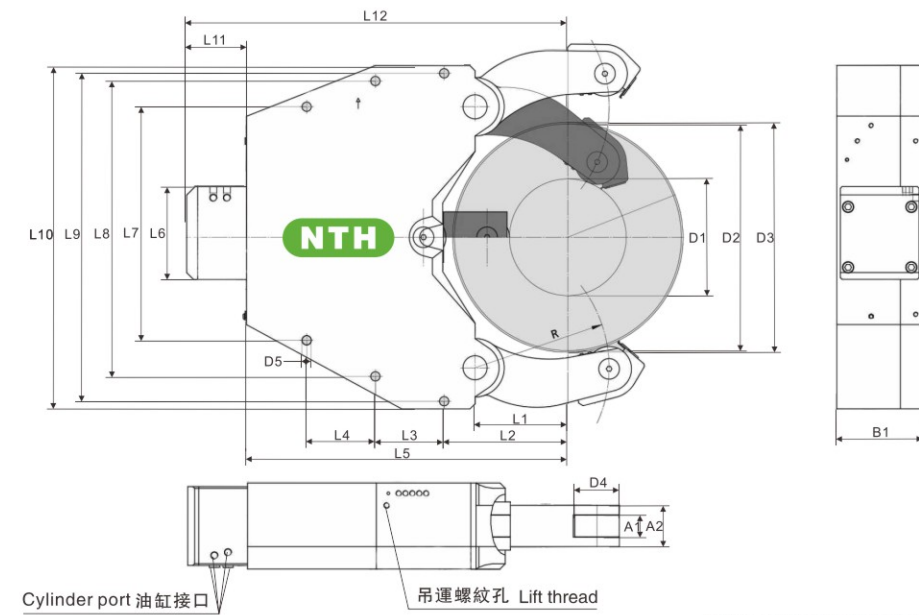


可非标订做
Non-standard requirements can be made

NTH-OMSR 型號 /Model 規格/Spec	OMSR-B 1	OMSR-B 2	OMSR-B 3	OMSR-B 4	OMSR-B 5	OMSR-B 6
D1 (mm)	50	50	90	125	200	230
D2 (mm)	200	310	350	460	530	630
D3 (mm)	47	62	62	80	100	100
D4 (mm)	18	23	23	27	27	35
L1 (mm)	103	160	180	175	283	290
L2 (mm)	138	178	198	215	320	375
L3 (mm)	135	270	270	330	440	500
L4 (mm)	335	510	530	709	897.5	1020
L5 (mm)	37.5	102.5	102.5	91	103.5	110
L6 (mm)	262	400	400	610/640	650	855
L7 (mm)	290	440	440	680	710	930
L8 (mm)	372.5	612.5	632.5	800	1001	1130
A1 (mm)	25	29	29	29	32	32
A2 (mm)	45	75	75	75	100	100
A3 (mm)	52	83	83	83	112	110
B1 (mm)	198	325	325	350	405	487
B2 (mm)	85	145	145	145	180	190
B3 (mm)	38	79.5	79.5	74.5	191	191
B4 (mm)	46	66	66	96	50	50
B5 (mm)	133	170	170	185	260	260
工作壓力最小/最大 Work pressure Min./Max. (bar)	8/60	8/80	8/80	8/70	8/70	8/70
最大夾緊力/滾軸 Max clamping force of the roller (daN)	1000	2000	2000	3000	4000	4000
整個夾持範圍的定位精度 Position accuracy within the clamping range (mm)	0.04	0.06	0.06	0.06	0.08	0.08
重複定位精度 Repeatability accuracy (mm)	0.007	0.01	0.01	0.01	0.02	0.02
滾輪最大綫速度 Max line speed of the roller (m/min)	725	600	600	560	570	570
重量 Weight (KG)	47.8	174.8	177.8	482.8	1000	1300

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OMSR-C型



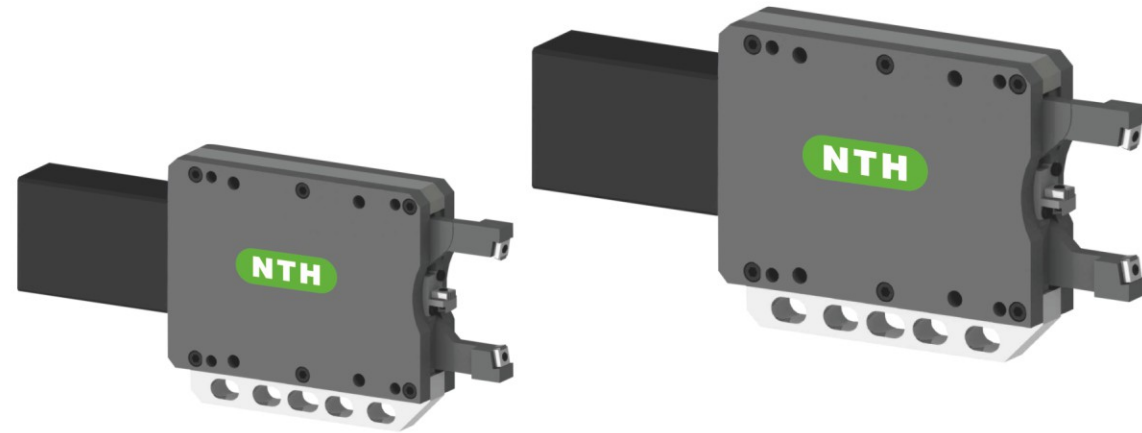
可非标订做
Non-standard requirements can be made

NTH-OMSR 型號 /Model 規格/Spec	OMSR-C 1	OMSR-C 3
D1 (mm)	340	650
D2 (mm)	660	910
D3 (mm)	670	916
D4 (mm)	130	130
D5 (mm)	27	27
L1 (mm)	270	390
L2 (mm)	360	450
L3 (mm)	335	530
L4 (mm)	210	220
L5 (mm)	935	1015
L6 (mm)	270	270
L7 (mm)	680	560
L8 (mm)	860	780
L9 (mm)	955	955
L10 (mm)	1000	1000
L11 (mm)	174	150
L12 (mm)	1109	1165
A1 (mm)	65	65
A2 (mm)	120	120
B1 (mm)	250	250
工作壓力最小/最大 Work pressure Min./Max. (bar)	8/80	8/80
最大夾緊力/滾軸 Max clamping force of the roller (daN)	8500	8500
整個夾持範圍的定位精度 Position accuracy within the clamping range (mm)	0.08	0.08
重複定位精度 Repeatability accuracy (mm)	0.03	0.03
滾輪最大綫速度 Max line speed of the roller (m/min)	560	560
重量 Weight (KG)	974.8	895.8

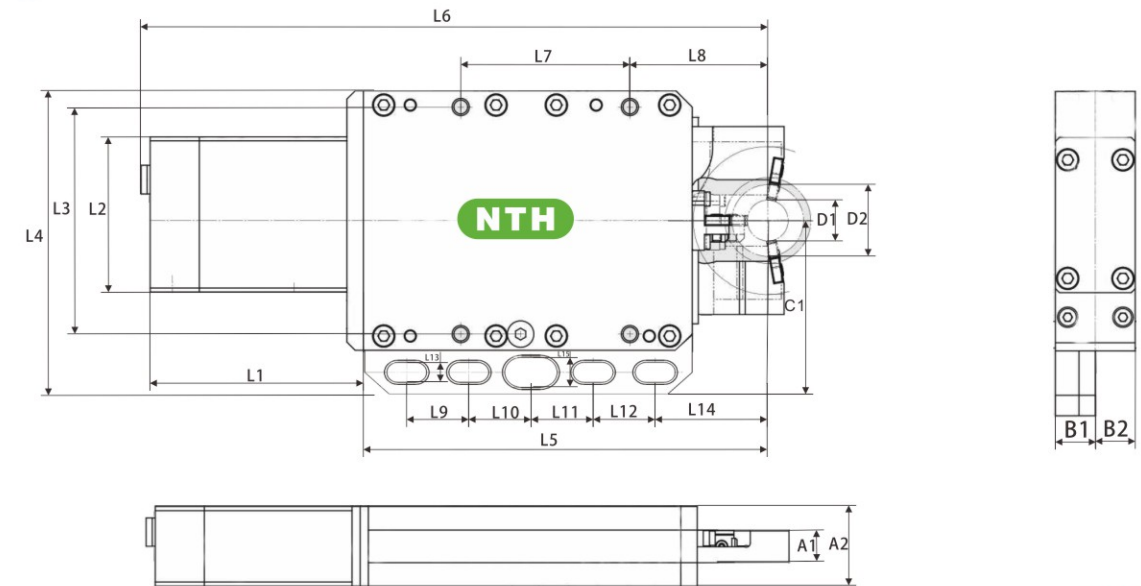
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高精度自定心中心架 (適用磨削、車削、銑削)

HIGH PRECISION SELF CENTERING STEADY REST
(APPLICABLE FOR MACHINING AND MILLING AND GRINDING)



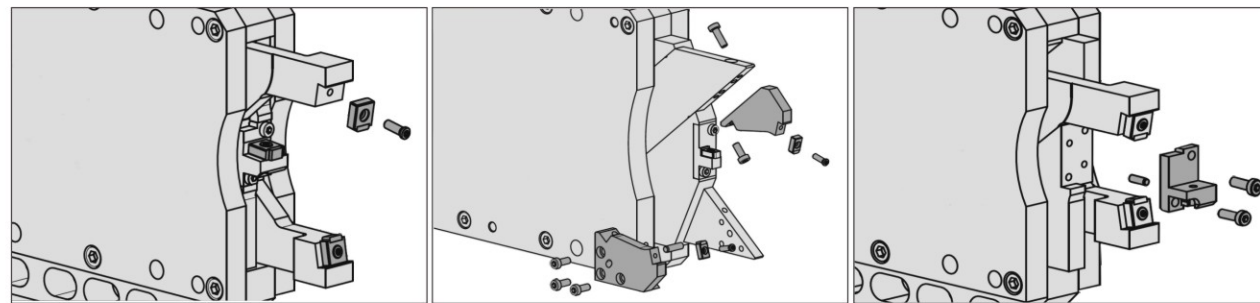
OMSR-D型



可非標訂做
Non-standard requirements can be made

◎ 適用範圍及優點 APPLICATION/ADVANTAGES

- 应用于磨床支撐工件加工 Support of shaft type workpieces on grinding machines
- 特别适用于曲軸和凸輪軸加工 Particularly suitable for the machining of crankshafts and camshafts
- 在磨床上可快速安裝，精密微調 Rapid set up of the Steady Rest to the grinding center with the fine adjustment
- 适用于跟隨磨削 Suitable for Follow down grinding



標準型/Standard type (A)

可調型/Adjustable type (B)

升級型/Advanced type (C)

◎ 結構 /STRUCTURE :

由3個墊片組成，包含3個安裝螺絲專
用整套墊片可實現5mm夾持範圍的變化
Consisting of 3 pads including 3 mounting screws
Special pad kit for shifting of the clamping range
-5 mm available.

◎ 結構 /STRUCTURE :

夾持範圍可通過更換上下模塊來調整
通用性更強
Clamping range can be adjusted by changing the
clamping modules
Better Versatility

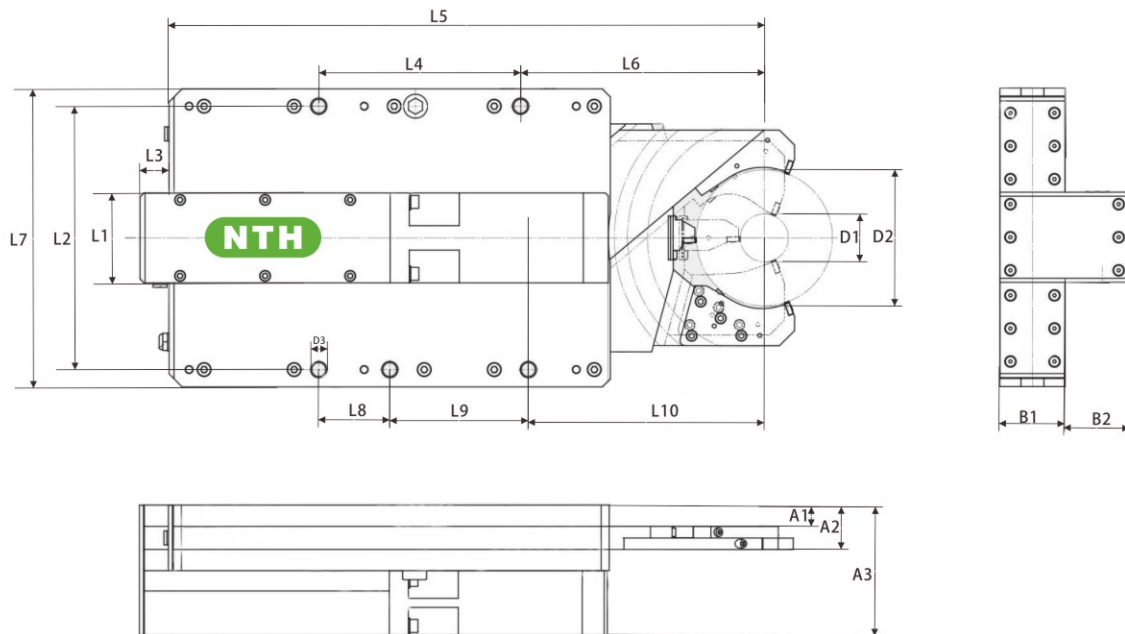
◎ 結構 /STRUCTURE :

根據工件情況可調整中間臂支撐
合金塊的方向，(可調整180度)
The direction of alloy block supported by middle
arm can be adjustable according to the workpiece
situation.(180 degree is available)

NTH-OMSR 型號/Model 規格/Spec	OMSR-D 1	OMSR-D 2	OMSR-D 3	OMSR-D 4	OMSR-D 5	OMSR-D 6	OMSR-D 7
D1 (mm)	3	12	28	44	60	74	87
D2 (mm)	18	28	44	60	74	87	100
L1 (mm)			124.1			145.1	
L2 (mm)	70		77			91	
L3 (mm)	/		120.6			190.5	
L4 (mm)	120		166.2			216	
L5 (mm)	162		222.5			408	
L6 (mm)	249.5		351.1			557.6	
L7 (mm)	/		94.7			/	
L8 (mm)	/		88.4			/	
L9 (mm)	25		31.7			/	
L10 (mm)	25		27.4			/	
L11 (mm)	25		27.3			/	
L12 (mm)	25		31.8			/	
L13 (mm)	9×4		13.46*5			/	
L14 (mm)	45		79			/	
L15 (mm)	13.46×1		/			/	
A1 (mm)	10		19			18.2	
A2 (mm)	30		45			55	
B1 (mm)	15		19			/	
B2 (mm)	/		/			/	
C1 (mm)	70		92.5			108	
最大工作壓力 Work pressure Max. (bar)	50		45			35	
工作壓力 Work pressure (bar)	20-50		15-30			10-30	
重複定位精度 Repeatability accuracy (mm)	±0.001		±0.001			±0.001	
重量 Weight (KG)	4.3		11.2			30	

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OMSR-E型



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Non-standard requirements can be made

NTH-OMSR 型號/Model 規格/Spec	OMSR-E 1	OMSR-E 2	OMSR-E 3	OMSR-E 4
D1 (mm)	48	70	92	114
D2 (mm)	70	92	114	136
D3	M16×5			
L1 (mm)	90			
L2 (mm)	263.4			
L3 (mm)	29			
L4 (mm)	201.7			
L5 (mm)	595			
L6 (mm)	243.7			
L7 (mm)	310			
L8 (mm)	71			
L9 (mm)	138.5			
L10 (mm)	235.9			
A1 (mm)	21.2			
A2 (mm)	44.1			
A3 (mm)	129.5			
B1 (mm)	65.3			
B2 (mm)	64.2			
最大工作壓力 Work pressure Max. (bar)	35			
工作壓力 Work pressure (bar)	10/30			
重復定位精度 Repeatability accuracy (mm)	±0.002			
重量 Weight (KG)	76.4			

• 非标准油缸按要 求订 货，保留技术更改！

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