

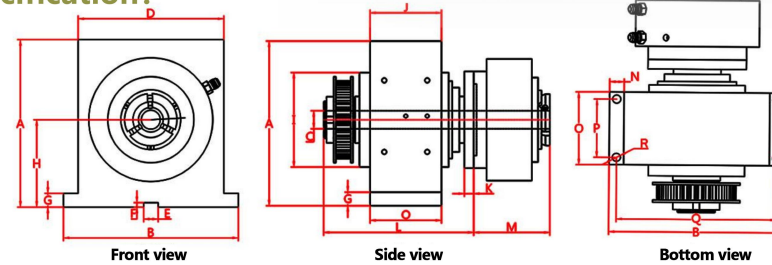
Spindle Holder

Front Mounted Hollow Spindle Holder - External

- Cylinder/cylinder front design, no additional installation of rotary cylinder.
- Forced material discharge design, 100% no jamming easy to install.
- Fast clamping, large cylinder body, high clamping force.
- High working elasticity, quick change of vice jaws, can clamp shaped workpieces.
- Through-hole design of the center of the chuck, with the design of large stroke of the automatic feeding system.
- Opening stroke 2.5mm, 50mm opening stroke can be customized.
- Large through-hole, maximum clamping 500mm.
- Non-stop loading and unloading, high capacity, suitable for batch production.
- Motor-driven rotation, rear can be equipped with synchronous wheel/gear.
- Cutting fluid can't be rushed to the chuck directly.



Specification:



Item	25 External spindle	40 External spindle	70 External spindle	90 External spindle	120 External spindle
A	230	280	310	300	380
B	240	280	310	345	400
C	25	45	68	89	120
D	200	220	250	290	350
E	20	20	20	20	20
F	6	5	5	7	7
G	19	20	19	19	19
H	120	150	175	160	190
I	132	160	196	170	272
J	100	100	110	180	235
K	13	15	15	20	15
L	210	222	237.5	316	389.5
M	104.5	126.5	142	155	164
N	20	30	31	28.5	25
O	100	130	140	180	235
P	80	80	80	140	190
Q	220	250	280	320	375
R	φ11	φ13	φ14.5	φ15	φ13
Max through hole	25mm	45mm	68mm	89mm	120mm
Auxiliary claw	C-25	C-40	C-70	C-90	C-120
Driving pressure	Air / Oil	Air / Oil	Air / Oil	Air / Oil	Air / Oil
Accuracy	0.05mm	0.05mm	0.05mm	0.05mm	0.05mm
Opening range	1mm/2.5mm customize 50mm	1mm/2.5mm customize 50mm	1mm/2.5mm customize 50mm	1mm/2.5mm customize 50mm	1mm/2.5mm customize 50mm
Operation pressure	3-8kgs	3-8kgs	3-8kgs	3-8kgs	3-8kgs
Working oil pressure	16kgs	16kgs	16kgs	16kgs	16kgs
Clamping force	2500kgf@7kps/cm ²	4000kgf@7kps/cm ²	5000kgf@7kps/cm ²	5800kgf@7kps/cm ²	6200kgf@7kps/cm ²
Synchronous Gear	40:20-8M-bore52 /	50:25-8M-bore77 100:40-2.5M-bore7	50:25-8M-bore97 100:40-2.5M-bore97	80:45-8M-bore117 120:60-2.5M-bore117	90:45-8M-bore147 130:65-2.5M-bore147

Spindle integration can be workpiece customization, vertical mounting/horizontal mounting, rear drive can be equipped with synchronous wheel/gear, accept a variety of non-standard customization

High Precision Collet

Back-pull collet						Maximum clamping diameter		
Item	Dimension drawing	d (footpath)	a (gradient)	L (span)	M (thread of screw)	Round hole	The four corners	Hexagonal
T8	Fig.1	12	14.5°	46	M12*1.25	8.0	5.6	6.8
YB-15	Fig.1	19.0	15°	76.0	M18xP1.2	15.0	10.6	13.0
YB-20	Fig.1	24	15°	102	M24*1.5	20.0	14.0	17.3
YB-25	Fig.1	31.75	10°	102.0	M31.5x20T	26.0	18.3	22.5
5C	Fig.1	31.75	10°	87.0	M31.5x20T	26.0	18.3	22.5
16C	Fig.1	48.0	10°	114.0	M47.5xP1.75	40.0	28.2	34.6

Push-Forward Clamps						Maximum clamping diameter		
Item	Dimension drawing	d (footpath)	a (gradient)	L (span)	D	Round hole	The four corners	Hexagonal
B30(163E)	Fig.2	35.0	15°	80.0	48	30.0	21.2	25.9
B42(173E)	Fig.2	48.0	15°	94.0	60	42.0	30.1	36.3
B60(185E)	Fig.2	66.0	15°	110.0	84	60.0	42.4	51.9
B80(293E)	Fig.2	90.0	15°	130.0	107	80.0	56.5	69.2
C-44	Fig.2	54.0	19°	87.0	68	44.0	31	38.1

Precision Rubber Cylinders						Clamping range		
Item	Dimension drawing	d (footpath)	a (gradient)	L (span)	D (large diameter)	Round hole	The four corners	Hexagonal
SS42	Fig.3	54.0	15°	42.0	79.3	4-42	30.1	36.3
SS65	Fig.3	80.0	15°	53.0	99.5	4-65	45.9	56.2

Quick-swing collets-Replacement Cartridges								
Item	Dimension drawing	d (footpath)	a (gradient)	L (span)	D (thread of screw)	D1	D2	
JA5-25 JH5-25	Fig.4	39.0	15°	98.0	M35.9*16T	45.0	68.0	
JA7-40 JH7-40	Fig.4	60.0	15°	120.0	M59.0*16T	65.0	94.0	
JA7-70 JH7-70	Fig.4	82.0	15°	135.0	M79.9*16T	105.0	136.0	
JH9-90	Fig.4	82.0	15°	135.0	M79.9*16T	105.0	136.0	
JH9-120	Fig.4	135.0	15°	151.0	M133.0*16T	140.0	168.0	

Fig.1 Pull Back Clamps

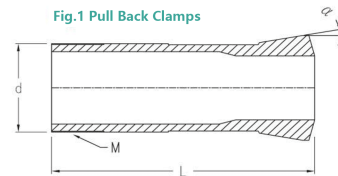


Fig.2 Push-Forward Clamps

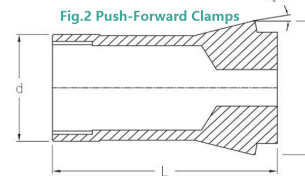


Fig.3 Rubber Cylinder

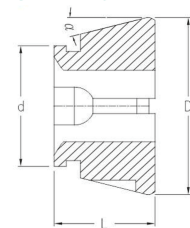


Fig.4 Replacement collets for rotary collet

