

PH SERIES 5 SELF-CENTERING PIPE CHUCK

THE
BEST.

5 Jaw Self-Centering, Scroll Chuck for Pipe Machining



The PH Series is a 5 Jaw, Self-Centering, Scroll Chuck designed for OD/ID gripping of pipe. With its 5 jaws and large thru-hole design, the PH Series Chuck is ideal for pipe machining due to its even distribution of grip force. In addition, the PH Chuck has a large through-hole which allows for swallowing of large diameter pipe.

- Big bore, small body Chuck
- Solid jaw and 2 piece jaw type available
- Suitable for OD/ID gripping of pipe
- Clamping with 5 jaws helps prevent deformation of workpiece

5 JAW

LARGE BORE

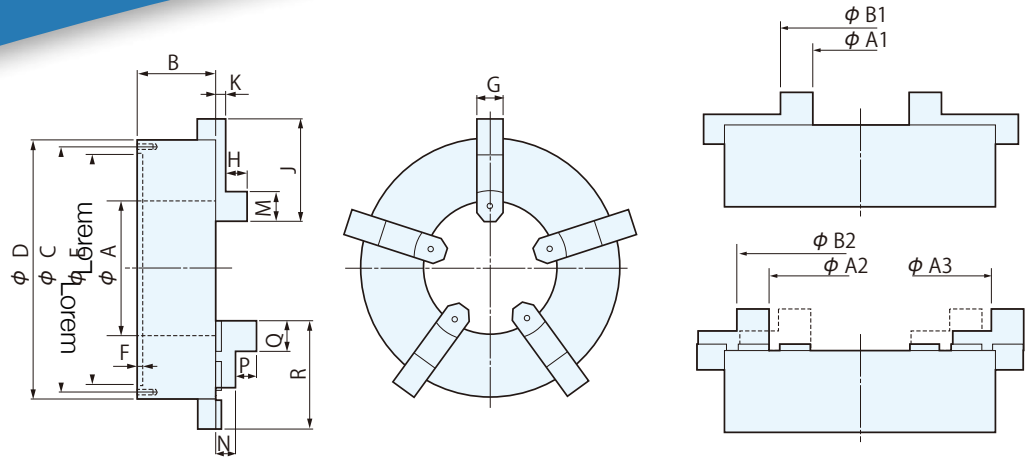
PIPE

CHUCK

PH SERIES TECHNICAL SPECIFICATIONS

THE BEST.

5 Jaw, Large Through-Hole, Self-Centering Pipe Chuck



Model	A	B	C	D	Eh7	F	H	J	K	M	N	P	Q	R
PH175-1P	175	109	330	350	300	7	30	130	10	40	-	-	-	-
PH260-1P	260	150	472.5	500	445	10	40	200	20	55	-	-	-	-
PH320-1P	320	150	530	560	505	10	50	230	20	70	-	-	-	-
PH420-1P	420	170	665	700	640	15	50	260	30	80	-	-	-	-
PH175-2P	175	109	330	350	300	7	-	-	-	-	35	20	45	125
PH260-2P	260	150	472.5	500	445	10	-	-	-	-	38	40	60	210
PH320-2P	320	150	530	560	505	10	-	-	-	-	40	48	70	220
PH420-2P	420	170	665	700	640	15	-	-	-	-	65	40	55	260

Model	Mounting bolt	Allowable input torque	Static gripping force	Rotation speed	Weight	Soft jaw
		N·m (kgf·m)	kN (kgf)	min ⁻¹ (rpm)	kg	
PH175-1P	6-M12	392 (40)	34.3 (3500)	1200	45	-
PH260-1P	6-M12	392 (40)	30 (3060)	580	100	-
PH320-1P	6-M12	392 (40)	29 (2960)	480	140	-
PH420-1P	8-M12	490 (50)	32 (3265)	360	350	-
PH175-2P	6-M12	392 (40)	34.3 (3500)	1150	45	SJ-115
PH260-2P	6-M12	392 (40)	30 (3060)	530	100	SJ-135
PH320-2P	6-M12	392 (40)	29 (2960)	470	140	SJ-150
PH420-2P	8-M12	490 (50)	32 (3265)	360	350	SJ-155

Model	Gripping range (φmm)					
	1-PIECE TYPE			2-PIECE TYPE		
PH175-1P		Outside	Inside		Outside	Inside
PH260-1P		A1	B1		A2	B2
PH320-1P	PH175-1P	40-170	125-250	PH175-2P	40-170	180-322
PH420-1P	PH260-1P	50-255	175-375	PH260-2P	50-412	202-564
PH175-2P	PH320-1P	60-315	200-455	PH320-2P	60-465	195-605
PH260-2P	PH420-1P	150-415	310-575	PH420-2P	140-520	322-700
PH320-2P						
PH420-2P						