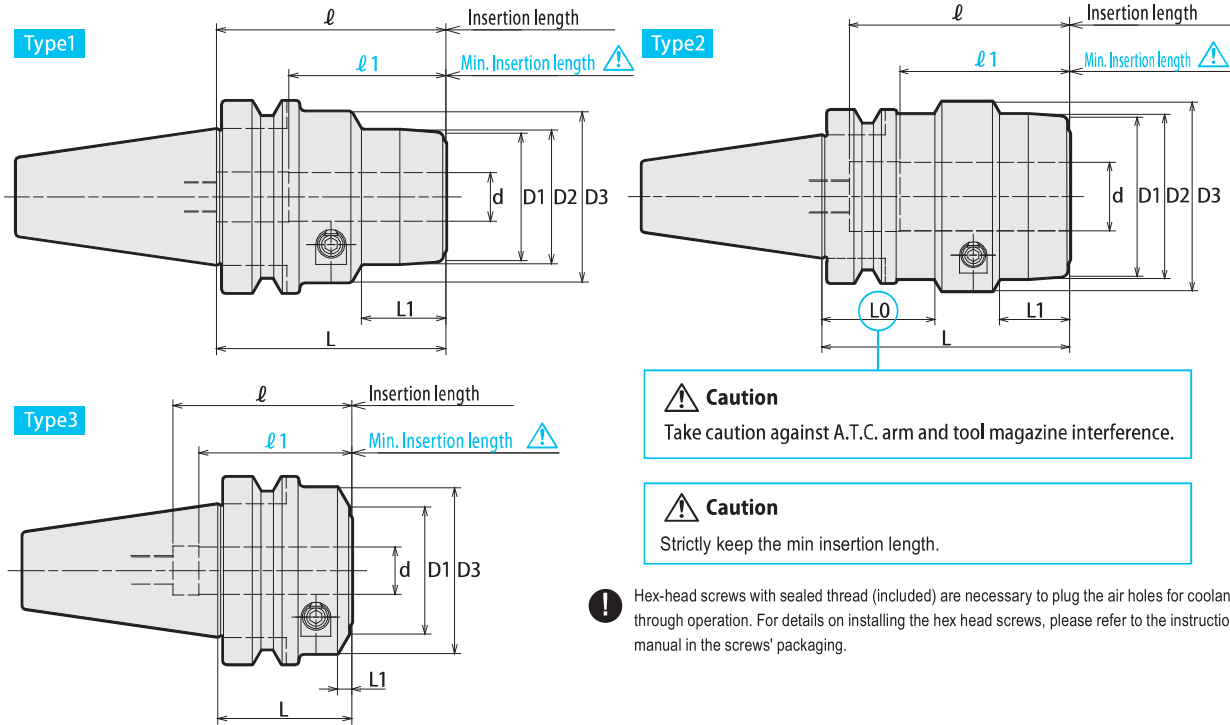




PHC·H

Hydro Chuck Omega Ω

High Rigidity Hydro Chuck is the best holder for high efficiency rough machining.



Code	Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ 1	Max. min ⁻¹	kg	Wrench (Option)
2580 00316045	BT40 -PHC16H - 45	3	16	45	18	42	—	56	—	60	45	20,000	1.2	L-4T
2580 00316075	- 75	1	16	75	27	42	44	56	—	85	45	20,000	1.5	
2580 00320075	-PHC20H - 75	1	20	75	32	48	50	60	—	80	50	20,000	1.6	
2580 00320105	-105	1	20	105	32	48	50	60	—	95	50	20,000	2.2	
2580 00325075	-PHC25H - 75	2	25	75	25	58	60	69	31	80	55	20,000	1.8	L-5T
2580 00325105	-105	2	25	105	35	58	60	69	39	110	55	20,000	2.4	
2580 00332105	-PHC32H -105	2	32	105	40	63	65	75	39	90	65	20,000	2.4	
2580 00332135	-135	2	32	135	47	63	65	75	39	120	65	20,000	3.2	
2580 00516075	BT50 -PHC16H - 75	1	16	75	17	—	44	56	—	75	45	15,000	4.0	L-4T
2580 00516105	-105	1	16	105	27	42	44	56	—	105	45	15,000	4.5	
2580 00520075	-PHC20H - 75	1	20	75	17	—	50	60	—	80	50	15,000	4.1	
2580 00520105	-105	1	20	105	32	48	50	60	—	110	50	15,000	4.6	
2580 00525075	-PHC25H - 75	1	25	75	17	—	60	69	—	80	55	15,000	4.2	L-5T
2580 00525105	-105	1	25	105	35	58	60	69	—	110	55	15,000	4.8	
2580 00525135	-135	1	25	135	35	58	60	69	—	110	55	15,000	5.6	
2580 00532075	-PHC32H - 75	1	32	75	17	—	65	75	—	90	65	15,000	4.2	
2580 00532105	-105	1	32	105	47	63	65	75	—	120	65	15,000	4.7	L-6T
2580 00532135	-135	1	32	135	47	63	65	75	—	120	65	15,000	5.6	
2580 00542075	-PHC42H - 75	1	42	75	37	—	74	90	—	100	73	15,000	4.1	
2580 00542105	-105	1	42	105	46	78	80	90	—	130	73	15,000	5.0	
2580 00542135	-135	1	42	135	52	78	80	90	—	130	73	15,000	6.3	

Inch Sizes

Unit : Inch

Code	Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ1	Wrench (Option)
2582 00040000	BT40 -PHC0625H -45	3	0.625	1.772	0.709	1.654	—	2.205	—	2.362	1.772	L-4T
2582 00041000	-75	1	0.625	2.953	1.063	1.654	1.732	2.205	—	3.346	1.772	
2582 00042000	-PHC0750H -75	1	0.750	2.953	1.260	1.890	1.969	2.362	—	3.150	1.969	
2582 00043000	-105	1	0.750	4.134	1.260	1.890	1.969	2.362	—	3.740	1.969	
2582 00044000	-PHC1000H -75	2	1.000	2.953	0.984	2.283	2.362	2.717	1.220	3.150	2.165	L-5T
2582 00045000	-105	2	0.965	4.134	1.378	2.283	2.362	2.717	1.535	4.331	2.165	
2582 00046000	-PHC1250H -105	2	1.250	4.134	1.575	2.480	2.559	2.953	1.535	3.543	2.559	
2582 00047000	-135	2	1.250	5.315	1.850	2.480	2.559	2.953	1.535	4.724	2.559	
2582 00048000	BT50 -PHC0625H -75	1	0.625	2.953	0.669	—	1.732	2.205	—	2.953	1.772	L-4T
2582 00049000	-105	1	0.625	4.134	1.063	1.654	1.732	2.205	—	4.134	1.772	
2582 00050000	-PHC0750H -75	1	0.750	2.953	0.669	—	1.969	2.362	—	3.150	1.969	
2582 00051000	-105	1	0.750	4.134	1.260	1.890	1.969	2.362	—	4.331	1.969	
2582 00052000	-PHC1000H -75	1	1.000	2.953	0.669	—	2.362	2.717	—	3.150	2.165	L-5T
2582 00053000	-105	1	1.000	4.134	1.378	2.283	2.362	2.717	—	4.331	2.165	
2582 00054000	-135	1	1.000	5.315	1.378	2.283	2.362	2.717	—	4.331	2.165	
2582 00055000	-PHC1250H -75	1	1.250	2.953	0.669	—	2.559	2.953	—	3.543	2.559	
2582 00056000	-105	1	1.250	4.134	1.850	2.480	2.559	2.953	—	4.724	2.559	L-6T
2582 00057000	-135	1	1.250	5.315	1.850	2.480	2.559	2.953	—	4.724	2.559	
2582 00058000	-PHC1500H -75	1	1.500	2.953	1.457	—	2.913	3.543	—	3.937	2.874	
2582 00059000	-105	1	1.500	4.134	1.811	3.071	3.150	3.543	—	5.118	2.874	
2582 00060000	-135	1	1.500	5.315	2.047	3.071	3.150	3.543	—	5.118	2.874	

1. Tool shank diameter tolerance must be within h7.
h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool.
2. PHC20H and PHC32H have pin holes for collet with stopper pin on its body.
3. Hex-head screws (included) are necessary to plug air hole for center through coolant feed.

Hex. wrench

PHS • H Collet

Stopper Bolt

P. 81

P. 79

P. 77



Ordering Example

BT40 - PHC16H - 45

Shank size

(d)
I.D.(L)
Projection length