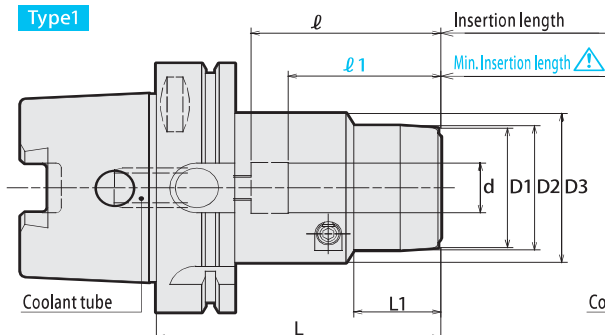




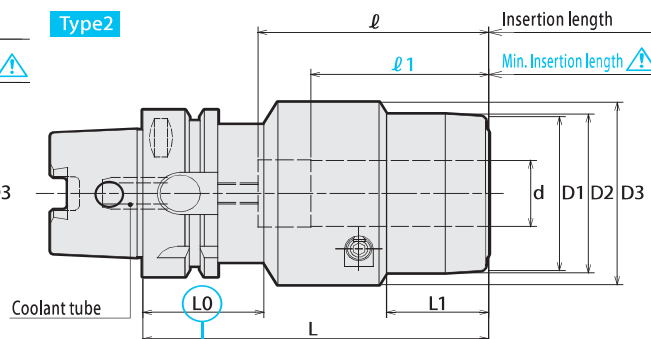
PHC·H Hydro Chuck Omega Ω

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

Type1



Type2



Caution

Strictly keep the min insertion length.



Caution

Take caution against A.T.C. arm and tool magazine interference.

Code	Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ1	Max. min ⁻¹	kg	Wrench (Option)
5330 75016080	HSK63A -PHC16H - 80 -H	2	16	80	21	—	44	56	42	51	45	20,500	1.4	L-4T
5330 75020105	-PHC20H -105 -H	2	20	105	32	48	50	60	42	75	50	20,500	1.9	L-4T
5330 75025105	-PHC25H -105 -H	2	25	105	35	58	60	69	42	75	55	20,500	2.1	L-4T
5330 75032105	-PHC32H -105 -H	2	32	105	37	63	65	75	42	78	65	20,500	2.2	L-5T
5330 75032135	-135 -H	2	32	135	47	63	65	75	42	105	65	20,500	2.9	L-5T
5330 77016105	HSK100A -PHC16H -105 -H	1	16	105	27	—	44	56	—	70	45	12,500	3.1	L-4T
5330 77020105	-PHC20H -105 -H	1	20	105	32	48	50	60	—	70	50	12,500	3.3	L-4T
5330 77025105	-PHC25H -105 -H	1	25	105	35	58	60	69	—	70	55	12,500	3.6	L-4T
5330 77025135	-135 -H	1	25	135	35	58	60	69	—	100	55	12,500	4.4	L-5T
5330 77032110	-PHC32H -110 -H	1	32	110	47	63	65	75	—	78	65	12,500	3.8	L-5T
5330 77032135	-135 -H	1	32	135	47	63	65	75	—	100	65	12,500	4.5	L-5T
5330 77042135	-PHC42H -135 -H	2	42	135	52	78	80	90	—	100	73	12,500	5.4	L-6T

*HSK63A, HSK100A have manual clamp holes in the shank.

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.

Inch Sizes

Unit : Inch

Code	Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ1	Wrench (Option)
533200001000	HSK63A -PHC0625H -80-H	2	0.625	3.150	0.827	—	1.732	2.205	1.654	2.008	1.772	L-4T
533200002000	-PHC0750H -105-H	2	0.750	4.134	1.260	1.890	1.969	2.362	1.654	2.953	1.969	L-4T
533200003000	-PHC1000H -105-H	2	1.000	4.134	1.378	2.283	2.362	2.717	1.654	2.953	2.165	L-5T
533200004000	-PHC1250H -105-H	2	1.250	4.134	1.457	2.480	2.559	2.953	1.654	3.071	2.559	L-5T
533200005000	-135-H	2	1.250	5.315	1.850	2.480	2.559	2.953	1.654	4.134	2.559	L-5T
533200006000	HSK100A -PHC0625H -105-H	1	0.625	4.134	1.063	—	1.732	2.205	—	2.756	1.772	L-4T
533200007000	-PHC0750H -105-H	1	0.750	4.134	1.260	1.890	1.969	2.362	—	2.756	1.969	L-4T
533200008000	-PHC1000H -105-H	1	1.000	4.134	1.378	2.283	2.362	2.717	—	2.756	2.165	L-5T
533200009000	-135-H	1	1.000	5.315	1.378	2.283	2.362	2.717	—	3.937	2.165	L-5T
533200010000	-PHC1250H* -110-H	1	1.250	4.331	1.850	2.480	2.559	2.953	—	3.071	2.559	L-5T
533200011000	-135-H	1	1.250	5.315	1.850	2.480	2.559	2.953	—	3.937	2.559	L-5T
533200012000	-PHC1500H -135-H	2	1.500	5.315	2.047	3.071	3.150	3.543	—	4.331	2.874	L-6T

Ordering Example

With manual clamp holes (HSK63A, HSK100A)

HSK63A - PHC16H - 80 - H
Shank size I.D. Projection length With manual clamp holes

Hex. wrench P. 81 PHS·H Collet P. 79 Stopper Bolt P. 77

