



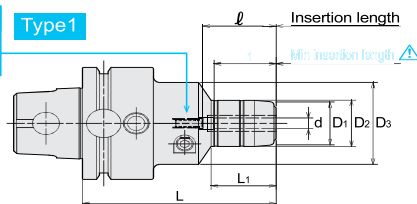
PHC-A Power Hydro Chuck

Hydro chuck with collet holder flexibility. Suitable for high precision cutting.

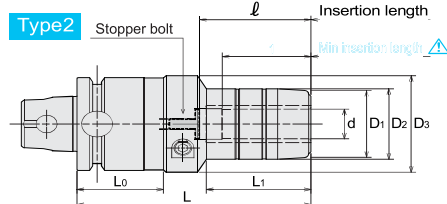
Stopper bolt

For PHC03A & PHC04A a stopper bolt cannot be used.

Type1



Type2



Caution : Strictly keep the min insertion length.

Low Pressure Code	High Pressure Code	Description	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ1	kg	Max. min ⁻¹	Wrench (sold separate)
—	139011103070	UTS5040 -PHC03A -70-H	1	3	70	19.8	—	24	46	—	27	18	0.8	25000	L-4T
—	139011104075	-PHC04A -75-H	1	4	75	25.1	—	25	46	—	28	24	0.8	25000	
—	139011106090	-PHC06A -90-H	1	6	90	30	24	26	46	—	34	29	1.0	25000	
—	139011107090	-PHC07A -90-H	1	7	90	30	26	28	46	—	34	29	1.0	25000	
—	139011108090	-PHC08A -90-H	1	8	90	30	26	28	46	—	34	29	1.0	25000	
—	139011109105	-PHC09A -105-H	2	9	105	44	28	30	52	38	50	40	1.1	24000	
—	139011110105	-PHC10A -105-H	2	10	105	44	28	30	52	38	50	40	1.1	23000	
—	139011111105	-PHC11A -105-H	2	11	105	45	30	32	52	38	50	40	1.1	23000	
—	139011112105	-PHC12A -105-H	2	12	105	45	30	32	52	38	50	40	1.1	23000	
—	139011113105	-PHC13A -105-H	2	13	105	46	34	36	52	38	50	40	1.2	22000	
—	139011114105	-PHC14A -105-H	2	14	105	46	34	36	52	38	50	40	1.2	22000	
—	139011115105	-PHC15A -105-H	2	15	105	46	36	38	52	38	50	40	1.2	21000	
—	139011116105	-PHC16A -105-H	2	16	105	46	36	38	52	38	50	40	1.2	20000	L-4T
—	139011120105	-PHC20A -105-H	1	20	105	49	40	42	46	—	50	40	1.2	19000	
139010203075	139011203075	UTS6350 -PHC03A -75	1	3	75	19.8	—	24	46	—	27	18	1.2	20000	
139010204080	139011204080	-PHC04A -80	1	4	80	25.1	—	25	46	—	29	24	1.2	20000	
139010206090	139011206090	-PHC06A -90	1	6	90	30	24	26	46	—	34	29	1.3	20000	
139010207090	139011207090	-PHC07A -90	1	7	90	30	26	28	46	—	34	29	1.3	20000	
139010208090	139011208090	-PHC08A -90	1	8	90	30	26	28	46	—	34	29	1.3	20000	
139010209105	139011209105	-PHC09A -105	1	9	105	44	28	30	52	—	50	40	1.5	20000	
139010210105	139011210105	-PHC10A -105	1	10	105	44	28	30	52	—	50	40	1.5	20000	
139010211105	139011211105	-PHC11A -105	1	11	105	45	30	32	52	—	50	40	1.5	20000	
139010212105	139011212105	-PHC12A -105	1	12	105	45	30	32	52	—	50	40	1.5	20000	
139010213105	139011213105	-PHC13A -105	1	13	105	46	34	36	52	—	50	40	1.5	20000	
139010214105	139011214105	-PHC14A -105	1	14	105	46	34	36	52	—	50	40	1.5	20000	L-4T
139010215105	139011215105	-PHC15A -105	1	15	105	46	36	38	52	—	50	40	1.6	20000	
139010216105	139011216105	-PHC16A -105	1	16	105	46	36	38	52	—	50	40	1.6	20000	
139010220105	139011220105	-PHC20A -105	1	20	105	49	40	42	46	—	50	40	1.5	20000	
139010225120	139011225120	-PHC25A -120	1	25	120	59	50	52	59	—	60	50	2.1	19000	
															L-6T

*When ordering high pressure models add-H

- Cutting tool shank must be within tolerances specified below ;
Shank diameter less than 6mm : Within h6 tolerance
Shank diameter 6mm and over : Within h7 tolerance
h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool.
- PHC12A and PHC20A have pin holes for collet with stopper pin on its body.
- Only high pressure type is available for UTS5040.
- On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.

Ordering Example

Low pressure type
0 ~ 1.0MPa

UTS6350 - PHC12A- 105
Shank size I.D. Pojection length

Inch size upon request

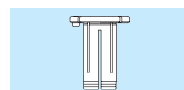
Ordering Example

High pressure type
1.1 ~ 7.0MPa

UTS6350 - PHC12A- 105 - H
Shank size I.D. Pojection length High pressure type

PHS Collet

P. 78



Hex. wrench

P. 81



d	Hex wrench size for stopper bolt
6~8	2.5mm
9~32	3mm