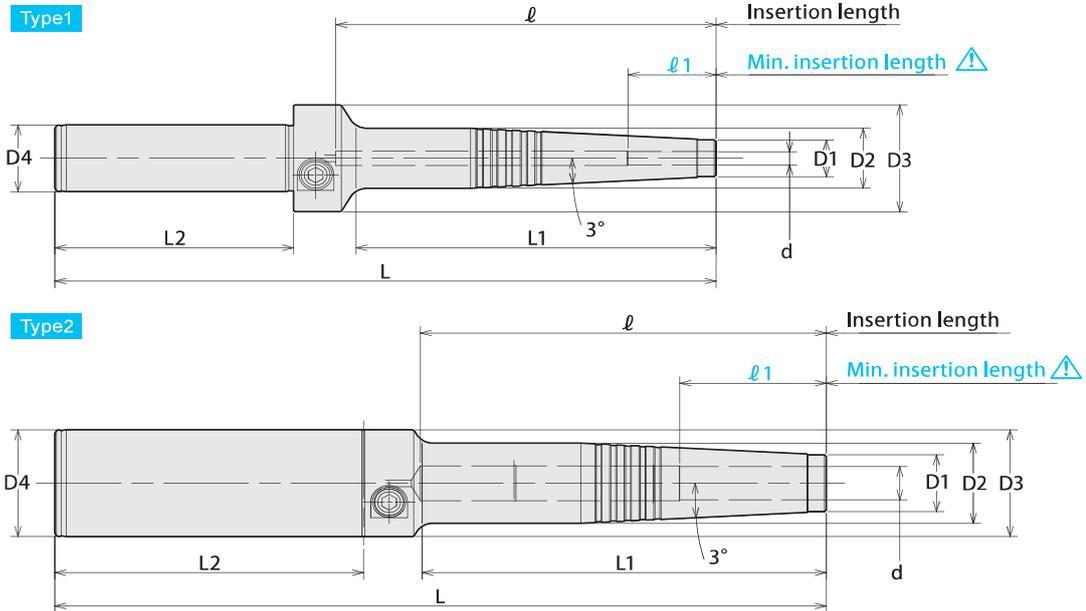




ST-PHC·SB Slim Hydro Chuck

Perfect choice for tight space applications, such as endmill finishing, drilling and reaming on 5-axis machines.



Caution

Strictly keep the min insertion length.

Code	Model	Type	d	L	L1	L2	D1	D2	D3	D4	l	l1	Wrench (Option)
0450 02003180	ST20 -PHC03SB -180	1	3	180	98	65	11	18	32	20	103	16	L-4T
0450 02004180	-PHC04SB -180	1	4	180	98	65	11	18	32	20	103	19	
0450 02006180	-PHC06SB -180	1	6	180	99	65	13	20	32	20	103	27	
0450 02008180	-PHC08SB -180	1	8	180	99	65	15	22	32	20	101	27	
0450 02010180	-PHC10SB -180	1	10	180	100	65	17	24	32	20	101	33	
0450 02012180	-PHC12SB -180	1	12	180	100	65	19	26	32	20	101	36	
0450 03206210	ST32 -PHC06SB -210	2	6	210	109	84	13	20	32	32	113	27	
0450 03208210	-PHC08SB -210	2	8	210	109	84	15	22	32	32	111	27	
0450 03210210	-PHC10SB -210	2	10	210	110	84	17	24	32	32	111	33	
0450 03212210	-PHC12SB -210	2	12	210	110	84	19	26	32	32	111	36	

Inch Sizes

Unit : Metric

Code	Model	Type	d	L	L1	L2	D1	D2	D3	D4	l	l1	Wrench (Option)
0450 12404180	ST0750 -PHC0125SB -180	1	3.175	180	98	65	11	18	32	19.05	103	16	L-4T
0450 12408180	-PHC0250SB -180	1	6.35	180	99	65	13	20	32	19.05	103	27	
0450 12412180	-PHC0375SB -180	1	9.525	180	100	65	17	24	32	19.05	101	33	
0450 12416180	-PHC0500SB -180	1	12.7	180	100	65	20	26	32	19.05	101	36	
0450 14008210	ST1250 -PHC0250SB -210	2	6.35	210	109	84	13	20	31.75	31.75	113	27	
0450 14012210	-PHC0375SB -210	2	9.525	210	110	84	17	24	31.75	31.75	111	33	
0450 14016210	-PHC0500SB -210	2	12.7	210	110	84	20	26	31.75	31.75	111	36	

- 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.
- Hex-head screws (included) are necessary to plug air hole for center through coolant feed.
- l indicates dimension when using without a preset screw.
() dimension is to end of retention stud.
- On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.

Ordering Example

ST20 - PHC03SB - 180
Shank size I.D. Total length (L)

Hex. wrench

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ST