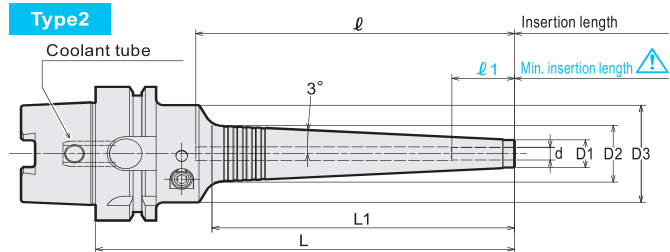
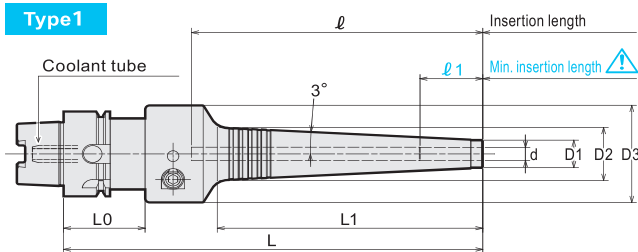




Perfect choice for tight space applications, such as endmill finishing, drilling and reaming on 5-axis machines.



 **Caution :** Strictly keep the min insertion length.

- Coolant tube is included

Code	Model	Type	d	L	L1	D1	D2	D3	L0	ℓ	ℓ 1	Max min ⁻¹	kg	Wrench (Option)
5770 13403100	HSK40A -PHC03SB -100-C	1	3	100	37	12	15.9	46	35	84	16	30,000	0.4	L-4T
5770 13404100	-PHC04SB -100-C	1	4	100	37	12	15.9	46	35	84	19	30,000	0.4	
5770 13406150	-PHC06SB -150-C	1	6	150	84	14	22.9	46	35	97	27	17,000	0.9	
5770 13408150	-PHC08SB -150-C	1	8	150	84	16	24.9	46	35	97	27	16,000	1.0	
5770 13410150	-PHC10SB -150-C	1	10	150	84	18	26.9	46	35	97	33	16,000	1.0	
5770 13412150	-PHC12SB -150-C	1	12	150	84	20	28.9	46	35	97	36	15,000	1.0	
5770 14403150	HSK50A -PHC03SB -150-C	1	3	150	84	12	20.9	46	42	130	16	18,000	0.9	L-4T
5770 14404150	-PHC04SB -150-C	1	4	150	84	12	20.9	46	42	130	19	18,000	0.9	
5770 14406150	-PHC06SB -150-C	1	6	150	84	14	22.9	46	42	95	27	18,000	1.1	
5770 14408150	-PHC08SB -150-C	1	8	150	84	16	24.9	46	42	95	27	18,000	1.1	
5770 14410150	-PHC10SB -150-C	1	10	150	84	18	26.9	46	42	95	33	18,000	1.2	
5770 14412150	-PHC12SB -150-C	1	12	150	84	20	28.9	46	42	95	36	16,000	1.2	
5770 75403135	HSK63A -PHC03SB -135-C	2	3	135	84	12	20.9	46	—	113	16	20,500	1.2	L-4T
5770 75404080	-PHC04SB - 80-C	2	4	80	28	12	15.0	46	—	58	19	20,500	0.8	
5770 75404135	-135-C	2	4	135	84	12	20.9	46	—	113	19	20,500	1.2	
5770 75406135	-PHC06SB -135-C	2	6	135	84	14	22.9	46	—	92	27	20,500	1.2	
5770 75408135	-PHC08SB -135-C	2	8	135	84	16	24.9	46	—	92	27	20,500	1.2	
5770 75410135	-PHC10SB -135-C	2	10	135	84	18	26.9	46	—	92	33	20,000	1.3	
5770 75412135	-PHC12SB -135-C	2	12	135	84	20	28.9	46	—	92	36	20,000	1.3	
5770 75412180	-180-C	2	12	180	130	20	33.7	46	—	137	36	10,000	1.5	
5770 75416135	-PHC16SB -135-C	2	16	135	84	24	32.9	52.5	—	91	40	20,000	1.4	
5770 75416180	-180-C	2	16	180	129	24	37.6	52.5	—	135	40	10,000	1.7	
5770 75420150	-PHC20SB -150-C	1	20	150	84	29	37.9	60	42	91	40	19,000	2.2	L-5T
5770 75420195	-195-C	1	20	195	129	29	42.6	60	42	135	40	10,000	2.5	
5770 75425150	-PHC25SB -150-C	1	25	150	84	38	46.9	60	42	91	50	16,000	2.2	
5770 75425195	-195-C	1	25	195	129	38	51.6	60	42	135	50	10,000	2.6	
5770 77403150	HSK100A -PHC03SB -150-C	2	3	150	84	12	20.9	46	—	121	16	12,500	2.5	L-4T
5770 77403195	-195-C	2	3	195	84	12	20.9	46	—	166	16	12,000	2.9	
5770 77404150	-PHC04SB -150-C	2	4	150	84	12	20.9	46	—	121	19	12,500	2.5	
5770 77404195	-195-C	2	4	195	84	12	20.9	46	—	166	19	12,000	2.9	
5770 77406150	-PHC06SB -150-C	2	6	150	84	14	22.9	46	—	92	27	12,500	2.7	
5770 77406195	-195-C	2	6	195	130	14	27.7	46	—	137	27	9,000	2.8	
5770 77408150	-PHC08SB -150-C	2	8	150	84	16	24.9	46	—	92	27	12,500	2.7	
5770 77408195	-195-C	2	8	195	130	16	29.7	46	—	137	27	9,000	2.9	
5770 77410150	-PHC10SB -150-C	2	10	150	84	18	26.9	46	—	92	33	12,500	2.7	
5770 77410195	-195-C	2	10	195	130	18	31.7	46	—	137	33	9,000	2.9	
5770 77412150	-PHC12SB -150-C	2	12	150	84	20	28.9	46	—	92	36	12,500	2.8	
5770 77412195	-195-C	2	12	195	130	20	33.7	46	—	137	36	9,000	3.0	
5770 77416150	-PHC16SB -150-C	2	16	150	84	24	32.9	52.5	—	91	40	12,500	3.1	
5770 77416195	-195-C	2	16	195	129	24	37.6	52.5	—	135	40	10,000	3.3	
5770 77420150	-PHC20SB -150-C	2	20	150	84	29	37.9	60	—	91	40	12,500	3.6	L-5T
5770 77420195	-195-C	2	20	195	129	29	42.6	60	—	135	40	11,000	3.8	
5770 77425150	-PHC25SB -150-C	2	25	150	84	38	46.9	60	—	91	50	12,500	3.6	
5770 77425195	-195-C	2	25	195	129	38	51.6	60	—	135	50	11,000	4.0	

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

1. 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.
2. Hex-head screws (included) are necessary to plug air hole for center through coolant feed.
3. $\varnothing$ indicates dimension when using without a preset screw.
() dimension is to end of retention stud.
4. On 3mm and 4mm chuck models there may be leaking from the inner diameter slit when using center through coolant.

Inch size upon request

Ordering Example

HSK63A - PHC12SB- 135 - C

Shank size

I.D.

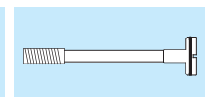
Projection length

Hex. wrench

Preset Screw

P. 81

P. 51



Inch to Metric (mm) $\rightarrow$ Inch $\times$ 25.4
Metric (mm) to Inch $\rightarrow$ Metric $\div$ 25.4 or Metric $\times$ 0.03937



Specials on request

HSK-A

49
PHC