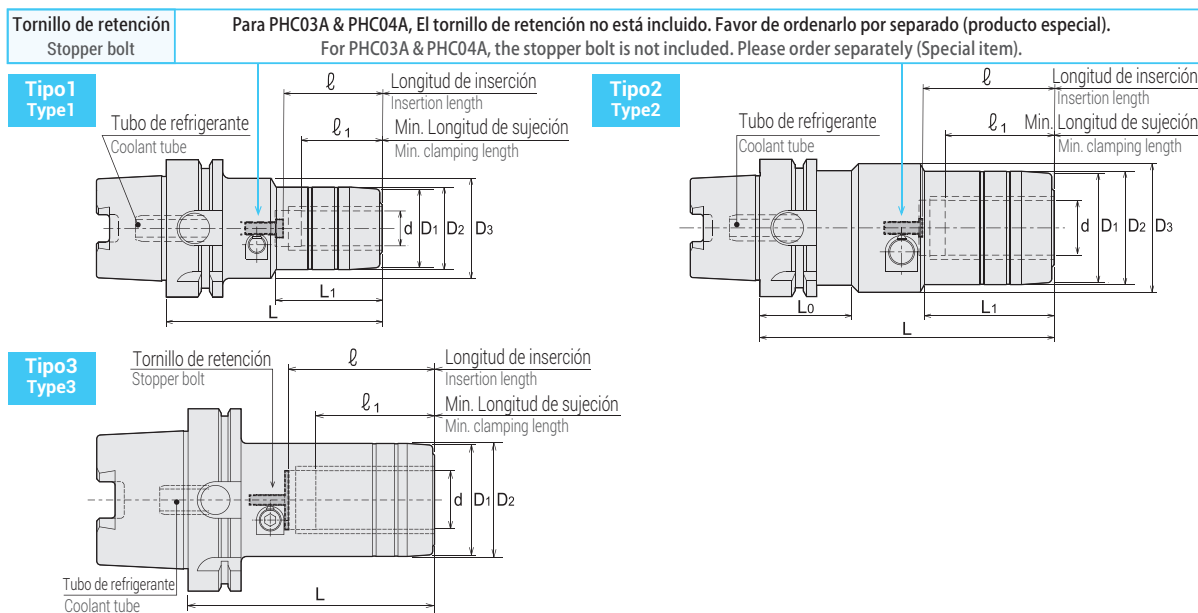


# PHC-A



## Power Hydro Chuck

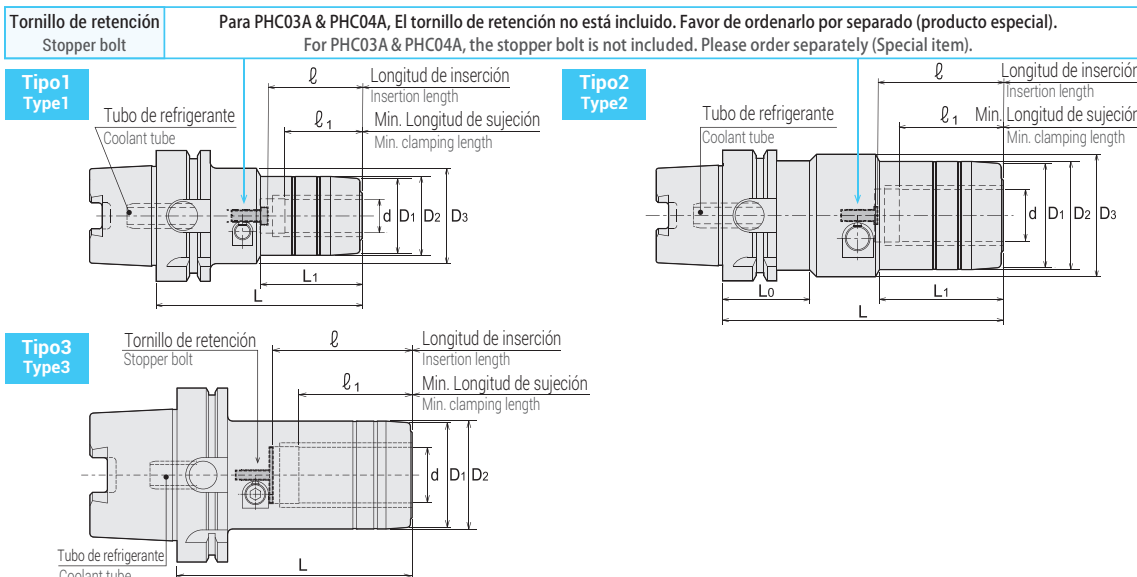
- Portaherramienta Hidráulico con capacidad para boquillas. Adecuado para herramientas de corte de alta precisión.
- Hydro chuck with collet holder flexibility. Suitable for high precision cutting.



### Medidas en Pulgadas - Inch Sizes

Unidad : Pulgadas  
Unit : Inch

Código Code	Modelo Model	Tipo Type	d	L	L <sub>1</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L <sub>0</sub>	ℓ	ℓ <sub>1</sub>	Llave Allen (Opcional) Hex. Wrench (Optional)
573200757000	HSK63A -PHC0125A - 65-H	1	0.125	2.559	0.800	—	0.945	1.791	—	1.102	0.709	L-4T (4mm)
573075308075	- 75-H	1	0.25	2.953	1.190	0.945	1.024	1.811	—	1.338	1.142	
573075308120	- 120-H	1	0.25	4.725	1.624	0.945	1.024	1.811	—	1.771	1.142	
573075310075	-PHC0312A - 75-H	1	0.312	2.953	1.213	1.024	1.103	1.811	—	1.338	1.142	
573075310120	- 120-H	1	0.312	4.725	1.646	1.024	1.103	1.811	—	1.771	1.142	
573075312090	-PHC0375A - 90-H	1	0.375	3.544	1.758	1.103	1.182	2.048	—	1.968	1.575	
573075312120	- 120-H	1	0.375	4.725	2.546	1.103	1.182	2.048	—	2.755	1.575	
573075316090	-PHC0500A - 90-H *	1	0.5	3.544	1.826	1.339	1.418	2.048	—	1.968	1.575	
573075316120	- 120-H *	1	0.5	4.725	2.614	1.339	1.418	2.048	—	2.755	1.575	
573075320090	-PHC0625A - 90-H	1	0.625	3.544	1.849	1.418	1.496	2.048	—	1.968	1.575	
573075320120	- 120-H	1	0.625	4.725	2.637	1.418	1.496	2.048	—	2.755	1.575	
573075324090	-PHC0750A - 90-H *	1	0.75	3.544	1.963	1.575	1.654	1.811	—	1.968	1.575	
573075324120	- 120-H *	1	0.75	4.725	2.750	1.575	1.654	1.811	—	2.755	1.575	
573075332135	-PHC1000A - 135-H	2	1	5.315	2.342	1.969	2.048	2.323	1.654	2.362	1.969	L-6T (6mm)
573075332150	- 150-H	2	1	5.906	3.130	1.969	2.048	2.323	1.654	3.149	1.969	
573075340135	-PHC1250A - 135-H	2	1.25	5.315	1.668	2.363	2.441	3.347	1.654	3.149	2.56	
573075340150	- 150-H	2	1.25	5.906	—	2.363	2.441	—	1.654	3.149	2.56	
573200765000	HSK100A-PHC0250A - 90-H	1	0.25	3.544	1.190	0.945	1.024	1.811	—	1.338	1.142	L-4T (4mm)
573200763000	- 120-H	1	0.25	4.725	1.624	0.945	1.024	1.811	—	1.771	1.142	
573200764000	- 150-H	1	0.25	5.906	1.624	0.945	1.024	1.811	—	1.771	1.142	
573200768000	-PHC0312A - 90-H	1	0.312	3.543	1.213	1.024	1.102	1.811	—	1.339	1.142	
573200766000	- 120-H	1	0.312	4.724	1.646	1.024	1.102	1.811	—	1.772	1.142	
573200767000	- 150-H	1	0.312	5.906	1.646	1.024	1.102	1.811	—	1.772	1.142	
573200769000	-PHC0375A - 105-H	1	0.375	4.134	1.758	1.103	1.182	2.048	—	1.968	1.575	
573200770000	- 135-H	1	0.375	5.315	2.546	1.103	1.182	2.048	—	2.755	1.575	
573200771000	- 165-H	1	0.375	6.496	2.546	1.103	1.182	2.048	—	2.755	1.575	
573200777000	-PHC0500A - 105-H *	1	0.5	4.134	1.826	1.339	1.418	2.048	—	1.968	1.575	
573200778000	- 135-H	1	0.5	5.315	2.614	1.339	1.418	2.048	—	2.755	1.575	
573200779000	- 165-H	1	0.5	6.496	2.614	1.339	1.418	2.048	—	2.755	1.575	
573200771000	-PHC0625A - 105-H	1	0.625	4.134	1.849	1.418	1.496	2.048	—	1.968	1.575	
573200773000	- 135-H	1	0.625	5.315	2.637	1.418	1.496	2.048	—	2.755	1.575	
573200774000	- 165-H	1	0.625	6.496	2.637	1.418	1.496	2.048	—	2.755	1.575	
573200780000	-PHC0750A - 105-H *	1	0.75	4.134	1.963	1.575	1.654	1.811	—	1.968	1.575	
573200781000	- 135-H *	1	0.75	5.315	2.750	1.575	1.654	1.811	—	2.755	1.575	
573200782000	- 165-H *	1	0.75	6.496	2.750	1.575	1.654	1.811	—	2.755	1.575	
573200775000	-PHC1000A - 120-H	1	1	4.725	2.347	1.969	2.048	2.441	—	2.519	1.969	L-6T (6mm)
573200776000	- 165-H	1	1	6.496	3.135	1.969	2.048	2.441	—	3.149	1.969	
573200783000	-PHC1250A - 135-H	3	1.25	5.315	—	2.363	2.441	—	—	3.149	2.56	
573200784000	- 165-H	3	1.25	6.496	—	2.363	2.441	—	—	3.149	2.56	



**Medidas Métricas - Metric Sizes**

Unidad : Métrico / Unit : Metric

Código Code	Modelo Model	Tipo Type	d	L	L <sub>1</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L <sub>0</sub>	ℓ	ℓ <sub>1</sub>	Max. min <sup>-1</sup>	Kg	Llave Allen (Opcional) / Hex. Wrench (Optional)
5730 13203075	<b>HSK40A -PHC03A - 75</b>	3	3	75	19.8	—	24	46	35	27	18	30,000	0.6	L-4T (4mm)
5730 13204080	<b>-PHC04A - 80</b>	3	4	80	25.1	—	25	46	35	29	24	30,000	0.6	
5730 13206090	<b>-PHC06A - 90</b>	2	6	90	30	24	26	46	35	34	29	28,000	0.7	
5730 13207090	<b>-PHC07A - 90</b>	2	7	90	30	26	28	46	35	34	29	28,000	0.7	
5730 13208090	<b>-PHC08A - 90</b>	2	8	90	30	26	28	46	35	34	29	27,000	0.7	
5730 13209105	<b>-PHC09A - 105</b>	2	9	105	44	28	30	52	35	50	40	26,000	0.9	
5730 13210105	<b>-PHC10A - 105</b>	2	10	105	44	28	30	52	35	50	40	26,000	0.9	
5730 13211105	<b>-PHC11A - 105</b>	2	11	105	45	30	32	52	35	50	40	25,000	0.9	
5730 13212105	<b>-PHC12A - 105 *</b>	2	12	105	45	30	32	52	35	50	40	25,000	0.9	
5730 13213105	<b>-PHC13A - 105</b>	2	13	105	46	34	36	52	35	50	40	25,000	1.0	
5730 13214105	<b>-PHC14A - 105</b>	2	14	105	46	34	36	52	35	50	40	25,000	1.0	
5730 13215105	<b>-PHC15A - 105</b>	2	15	105	46	36	38	52	35	50	40	25,000	1.0	
5730 13216105	<b>-PHC16A - 105</b>	2	16	105	46	36	38	52	35	50	40	24,000	1.0	
5730 13220105	<b>-PHC20A - 105 *</b>	2	20	105	49	40	42	46	35	50	40	20,000	1.0	
5730 13225120	<b>-PHC25A - 120</b>	2	25	120	59	50	52	59	35	60	50	16,000	1.5	L-6T (6mm)
5730 14203080	<b>HSK50A -PHC03A - 80</b>	3	3	80	19.8	—	24	46	42	27	18	25,000	0.9	L-4T (4mm)
5730 14204085	<b>-PHC04A - 85</b>	3	4	85	25.1	—	25	46	42	29	24	25,000	0.9	
5730 14206090	<b>-PHC06A - 90</b>	2	6	90	30	24	26	46	41	34	29	25,000	0.9	
5730 14207090	<b>-PHC07A - 90</b>	2	7	90	30	26	28	46	41	34	29	25,000	0.9	
5730 14208090	<b>-PHC08A - 90</b>	2	8	90	30	26	28	46	41	34	29	25,000	0.9	
5730 14209105	<b>-PHC09A - 105</b>	2	9	105	44	28	30	52	41	50	40	25,000	1.0	
5730 14210105	<b>-PHC10A - 105</b>	2	10	105	44	28	30	52	41	50	40	25,000	1.0	
5730 14211105	<b>-PHC11A - 105</b>	2	11	105	45	30	32	52	41	50	40	25,000	1.1	
5730 14212105	<b>-PHC12A - 105 *</b>	2	12	105	45	30	32	52	41	50	40	25,000	1.1	
5730 14213105	<b>-PHC13A - 105</b>	2	13	105	46	34	36	52	41	50	40	25,000	1.1	
5730 14214105	<b>-PHC14A - 105</b>	2	14	105	46	34	36	52	41	50	40	25,000	1.1	
5730 14215105	<b>-PHC15A - 105</b>	2	15	105	46	36	38	52	41	50	40	25,000	1.2	
5730 14216105	<b>-PHC16A - 105</b>	2	16	105	46	36	38	52	41	50	40	25,000	1.1	
5730 14220105	<b>-PHC20A - 105 *</b>	2	20	105	49	40	42	46	41	50	40	20,000	1.1	
5730 14225135	<b>-PHC25A - 135</b>	2	25	135	59	50	52	59	42	60	50	16,000	1.9	L-6T (6mm)
5730 75203065	<b>HSK63A -PHC03A - 65-H</b>	1	3	65	19.8	—	24	46	—	27	18	20,500	1.0	L-4T (4mm)
5730 75204070	<b>-PHC04A - 70-H</b>	1	4	70	25.1	—	25	46	—	29	24	20,500	1.0	
5730 75206075	<b>-PHC06A - 75-H</b>	1	6	75	30	24	26	46	—	34	29	20,500	1.0	
5730 75206120	<b>- 120-H</b>	1	6	120	41	24	26	46	—	45	29	20,500	1.5	
5730 75207075	<b>-PHC07A - 75-H</b>	1	7	75	30	26	28	46	—	34	29	20,500	1.0	
5730 75207120	<b>- 120-H</b>	1	7	120	41	26	28	46	—	45	29	20,500	1.5	
5730 75208075	<b>-PHC08A - 75-H</b>	1	8	75	30	26	28	46	—	34	29	20,500	1.0	
5730 75208120	<b>- 120-H</b>	1	8	120	41	26	28	46	—	45	29	20,500	1.5	
5730 75209090	<b>-PHC09A - 90-H</b>	1	9	90	44	28	30	52	—	50	40	20,500	1.2	
5730 75209120	<b>- 120-H</b>	1	9	120	64	28	30	52	—	70	40	20,500	1.4	
5730 75210090	<b>-PHC10A - 90-H</b>	1	10	90	44	28	30	52	—	50	40	20,500	1.2	
5730 75210120	<b>- 120-H</b>	1	10	120	64	28	30	52	—	70	40	20,500	1.4	

Código Code	Modelo Model	Tipo Type	d	L	L <sub>1</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L <sub>0</sub>	ℓ	ℓ <sub>1</sub>	Max. min <sup>-1</sup>	Kg	Llave Allen (Opcional) Hex. Wrench (Optional)
5730 75211090	HSK63A-PHC11A -90-H	1	11	90	45	30	32	52	—	50	40	20,500	1.2	L-4T (4mm)
5730 75211120	-120-H	1	11	120	65	30	32	52	—	70	40	20,500	1.4	
5730 75212090	-PHC12A -90-H *	1	12	90	45	30	32	52	—	50	40	20,500	1.2	
5730 75212120	-120-H *	1	12	120	65	30	32	52	—	70	40	20,500	1.4	
5730 75213090	-PHC13A -90-H	1	13	90	46	34	36	52	—	50	40	20,500	1.2	
5730 75213120	-120-H	1	13	120	66	34	36	52	—	70	40	20,500	1.5	
5730 75214090	-PHC14A -90-H	1	14	90	46	34	36	52	—	50	40	20,500	1.2	
5730 75214120	-120-H	1	14	120	66	34	36	52	—	70	40	20,500	1.5	
5730 75215090	-PHC15A -90-H	1	15	90	46	36	38	52	—	50	40	20,500	1.3	
5730 75215120	-120-H	1	15	120	66	36	38	52	—	70	40	20,500	1.6	
5730 75216090	-PHC16A -90-H	1	16	90	46	36	38	52	—	50	40	20,500	1.3	
5730 75216120	-120-H	1	16	120	66	36	38	52	—	70	40	20,500	1.6	
5730 75220090	-PHC20A -90-H *	1	20	90	49	40	42	46	—	50	40	20,500	1.3	
5730 75220120	-120-H *	1	20	120	69	40	42	46	—	70	40	20,500	1.5	
5730 75225135	-PHC25A -135-H	2	25	135	59	50	52	59	42	60	50	16,000	2.3	
5730 75225150	-150-H	2	25	150	79	50	52	59	42	80	50	16,000	2.5	
5730 75232135	-PHC32A -135-H	2	32	135	42	60	62	85	42	80	65	12,000	3.1	
5730 75232150	-150-H	2	32	150	108	60	62	62	42	80	65	12,000	2.9	
5730 77206090	HSK100A-PHC06A -90-H	1	6	90	30	24	26	46	—	34	29	12,500	2.6	
5730 77206120	-120-H	1	6	120	41	24	26	46	—	45	29	12,500	2.8	
5730 77206150	-150-H	1	6	150	41	24	26	46	—	45	29	12,500	3.2	
5730 77207090	-PHC07A -90-H	1	7	90	30	26	28	46	—	34	29	12,500	2.6	
5730 77207120	-120-H	1	7	120	41	26	28	46	—	45	29	12,500	2.8	
5730 77207150	-150-H	1	7	150	41	26	28	46	—	45	29	12,500	3.2	
5730 77208090	-PHC08A -90-H	1	8	90	30	26	28	46	—	34	29	12,500	2.6	
5730 77208120	-120-H	1	8	120	41	26	28	46	—	45	29	12,500	2.8	
5730 77208150	-150-H	1	8	150	41	26	28	46	—	45	29	12,500	3.2	
5730 77209105	-PHC09A -105-H	1	9	105	44	28	30	52	—	50	40	12,500	2.7	
5730 77209135	-135-H	1	9	135	64	28	30	52	—	70	40	12,500	3.0	
5730 77209165	-165-H	1	9	165	64	28	30	52	—	70	40	12,500	3.5	
5730 77210105	-PHC10A -105-H	1	10	105	44	28	30	52	—	50	40	12,500	2.7	
5730 77210135	-135-H	1	10	135	64	28	30	52	—	70	40	12,500	3.0	
5730 77210165	-165-H	1	10	165	64	28	30	52	—	70	40	12,500	3.5	
5730 77211105	-PHC11A -105-H	1	11	105	45	30	32	52	—	50	40	12,500	2.7	
5730 77211135	-135-H	1	11	135	65	30	32	52	—	70	40	12,500	3.0	
5730 77211165	-165-H	1	11	165	65	30	32	52	—	70	40	12,500	3.5	
5730 77212105	-PHC12A -105-H *	1	12	105	45	30	32	52	—	50	40	12,500	2.7	
5730 77212135	-135-H *	1	12	135	65	30	32	52	—	70	40	12,500	3.0	
5730 77212165	-165-H *	1	12	165	65	30	32	52	—	70	40	12,500	3.5	
5730 77213105	-PHC13A -105-H	1	13	105	46	34	36	52	—	50	40	12,500	2.8	
5730 77213135	-135-H	1	13	135	66	34	36	52	—	70	40	12,500	3.1	
5730 77213165	-165-H	1	13	165	66	34	36	52	—	70	40	12,500	3.5	
5730 77214105	-PHC14A -105-H	1	14	105	46	34	36	52	—	50	40	12,500	2.8	
5730 77214135	-135-H	1	14	135	66	34	36	52	—	70	40	12,500	3.1	
5730 77214165	-165-H	1	14	165	66	34	36	52	—	70	40	12,500	3.5	
5730 77215105	-PHC15A -105-H	1	15	105	46	36	38	52	—	50	40	12,500	2.8	
5730 77215135	-135-H	1	15	135	66	36	38	52	—	70	40	12,500	3.1	
5730 77215165	-165-H	1	15	165	66	36	38	52	—	70	40	12,500	3.6	
5730 77216105	-PHC16A -105-H	1	16	105	46	36	38	52	—	50	40	12,500	2.8	
5730 77216135	-135-H	1	16	135	66	36	38	52	—	70	40	12,500	3.1	
5730 77216165	-165-H	1	16	165	66	36	38	52	—	70	40	12,500	3.6	
5730 77220105	-PHC20A -105-H *	1	20	105	49	40	42	46	—	50	40	12,500	2.8	
5730 77220135	-135-H *	1	20	135	69	40	42	46	—	70	40	12,500	3.1	
5730 77220165	-165-H *	1	20	165	69	40	42	46	—	70	40	12,500	3.6	
5730 77225120	-PHC25A -120-H	1	25	120	59	50	52	62	—	64	50	12,500	3.4	
5730 77225165	-165-H	1	25	165	79	50	52	62	—	80	50	12,500	4.3	
5730 77232135	-PHC32A -135-H	3	32	135	—	60	62	—	—	80	65	12,000	3.9	
5730 77232165	-165-H	3	32	165	—	60	62	—	—	80	65	12,000	4.6	

- El zanco de la herramienta de corte debe estar dentro de la tolerancia especificada a continuación; Diámetro del zanco menor de 6 mm : Dentro de tolerancia h6, Diámetro del zanco de 6 mm o mayor: Dentro de la tolerancia h7, tolerancia h6 ó 0/-0.01mm es la tolerancia recomendada en las herramientas de corte al usar nuestros productos.
- PHC12A y PHC20A cuentan con orificios de acople para perno, para las boquillas que tienen incluido el perno de retención
- La velocidad permitida se ve afectada por la rigidez del husillo de la máquina y el balance de la herramienta de corte. Incrementar gradualmente de una velocidad lenta, hasta llegar a la velocidad adecuada.
- \* Es posible utilizar boquilla PHS.

- Cutting tool shank must be within tolerances specified next; 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.
- Allowed speed is greatly affected by the stiffness of the machine spindle and the balance of the cutting tool. Gradually increase from a low speed, and use at the proper speed.
- \* Compatible for PHS collet use.

Ejemplo para Ordenar - Ordering Example

Ejemplo para Ordenar - Ordering Example

## HSK50A-PHC 03 A- 80 HSK100A-PHC 12 A- 135 - H

Interfaz y diámetro de husillo

Diámetro Interno

Longitud de proyección

Interfaz y diámetro de husillo

Diámetro Interno

Longitud de proyección

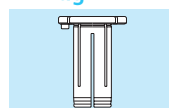
Barreno de cambio manual

Boquilla PHS  
PHS Collet

Llave Allen  
Hex. Wrench

Pág. 114

Pág. 99



Shank size

I.D.

Projection length

Shank size

I.D.

Projection length

Manual clamp hole