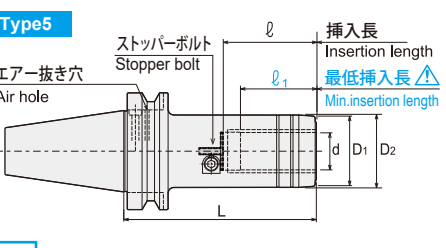
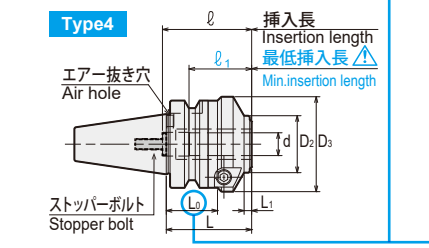
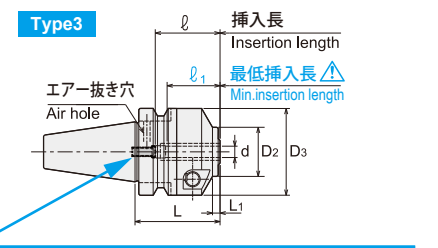
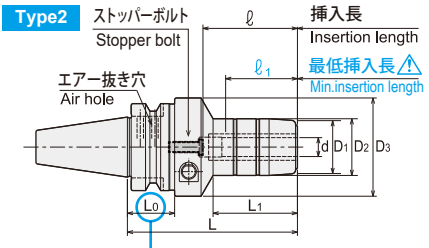
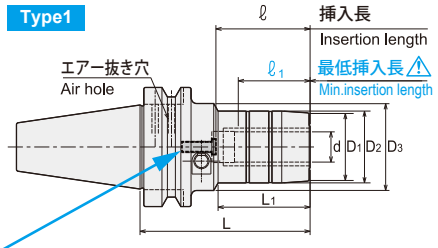




PHC-A

パワー hidroチャック Power Hydro Chuck

コレットホルダのように使える手軽な hidroチャックです。高精度加工に最適。
Hydro chuck with collet holder flexibility. Suitable for high precision cutting.



⚠ 注意 Caution
必ず、刃物シャンクを最低挿入長以上に挿入して使用してください。
Strictly keep the min insertion length.

ストッパーボルト Stopper bolt
PHC03A、PHC04Aにはストッパーボルトは付属していません。特殊品対応(別売)にて承ります。
For PHC03A & PHC04A, the stopper bolt is not included. Please order separately (Special item).

チャックサイズ Model	ストッパーボルト用六角レンチサイズ Hex wrench size for stopper bolt
PHC06A ~ 08A	2.5mm
PHC09A ~ 32A	3mm

⚠ 注意 Caution
★: ATCアーム及びマガジン内での干渉にご注意ください。
★: Take caution against A.T.C. arm and tool magazine interference.

商品コード Code	型式 Model	Type	d	L	L ₁	D ₁	D ₂	D ₃	L ₀	ℓ	ℓ ₁	Max. min ¹	Kg	—	レンチ(別売) Wrench (Option)
3930 01103045	BT30 -PHC03A - 45	3	3	45	4	—	24	46	—	—	18	40,000	0.6	50,980	L-4T
3930 01103060	- 60	1	3	60	19.8	—	24	46	—	27	18	40,000	0.7	50,980	
3930 01103090	- 90	1	3	90	44.8	—	24	46	—	52	18	38,000	0.8	53,040	
3930 01104045	-PHC04A - 45	3	4	45	4	—	25	46	—	—	24	40,000	0.6	46,350	
3930 01104065	- 65	1	4	65	25.1	—	25	46	—	29	24	40,000	0.7	46,350	
3930 01104090	- 90	1	4	90	45.1	—	25	46	—	52	24	38,000	0.8	48,410	
3930 01106045	-PHC06A - 45	3	6	45	4	—	26	46	—	34	29	40,000	0.6	41,400	
3930 01106075	- 75	1	6	75	30	24	26	46	—	34	29	40,000	0.7	42,450	
3930 01107045	-PHC07A - 45	3	7	45	4	—	28	46	—	34	29	40,000	0.6	41,400	
3930 01107075	- 75	1	7	75	30	26	28	46	—	34	29	38,000	0.8	42,450	
3930 01108045	-PHC08A - 45	3	8	45	4	—	28	46	—	34	29	40,000	0.6	41,400	
3930 01108075	- 75	1	8	75	30	26	28	46	—	34	29	38,000	0.8	42,450	
3930 01109045	-PHC09A - 45	3	9	45	4	—	30	46	—	45	33	40,000	0.6	42,840	
3930 01109090	- 90	1	9	90	46	28	30	46	—	55	40	36,000	0.8	43,260	
3930 01109105	- 105	2	9	105	44	28	30	52	40	50	40	29,000	1.2	43,930	
3930 01110045	-PHC10A - 45	3	10	45	4	—	30	46	—	45	33	40,000	0.6	42,840	
3930 01110090	- 90	1	10	90	46	28	30	46	—	55	40	36,000	0.8	43,260	
3930 01110105	- 105	2	10	105	44	28	30	52	40	50	40	29,000	1.2	43,930	
3930 01111045	-PHC11A - 45	3	11	45	4	—	30	46	—	45	33	39,000	0.6	42,840	
3930 01111090	- 90	1	11	90	46	30	32	46	—	55	40	34,000	0.9	43,260	
3930 01111105	- 105	2	11	105	45	30	32	52	40	50	40	30,000	1.1	43,930	
3930 01112045	-PHC12A - 45	3	12	45	4	—	30	46	—	45	33	38,000	0.6	45,930	
3930 01112090	- 90	1	12	90	46	30	32	46	—	55	40	33,000	0.9	46,350	
3930 01112105	- 105	2	12	105	45	30	32	52	40	50	40	29,000	1.1	47,020	
3930 01113045	-PHC13A - 45	4	13	45	4	—	30	50	27	45	33	37,000	0.6	42,840	
3930 01113090	- 90	1	13	90	48	34	36	46	—	55	40	33,000	0.9	43,260	
3930 01113105	- 105	2	13	105	46	34	36	52	40	50	40	28,000	1.2	43,930	
3930 01114045	-PHC14A - 45	4	14	45	4	—	30	50	27	45	33	36,000	0.6	42,840	
3930 01114090	- 90	1	14	90	48	34	36	46	—	55	40	31,000	1.0	43,260	
3930 01114105	- 105	2	14	105	46	34	36	52	40	50	40	27,000	1.2	43,930	
3930 01115045	-PHC15A - 45	4	15	45	4	—	30	50	27	45	33	35,000	0.6	42,840	
3930 01115090	- 90	1	15	90	48	36	38	46	—	55	40	31,000	1.0	43,260	
3930 01115105	- 105	2	15	105	46	36	38	52	40	50	40	27,000	1.2	43,930	
3930 01116045	-PHC16A - 45	4	16	45	4	—	30	50	27	45	33	34,000	0.6	42,840	
3930 01116090	- 90	1	16	90	48	36	38	46	—	55	40	30,000	1.0	43,260	
3930 01116105	- 105	2	16	105	46	36	38	52	40	50	40	26,000	1.2	43,930	
3930 01120090	-PHC20A - 90	1	20	90	49	40	42	46	—	50	40	27,000	1.0	47,020	
3930 01120120	- 120	1	20	120	69	40	42	46	—	70	40	22,000	1.3	47,890	
3930 01303065	BT40 -PHC03A - 65	1	3	65	19.8	—	24	46	—	27	18	20,000	1.2	52,730	
3930 01303090	- 90	1	3	90	44.8	—	24	46	—	52	18	20,000	1.3	53,760	
3930 01304070	-PHC04A - 70	1	4	70	25.1	—	25	46	—	29	24	20,000	1.3	47,890	
3930 01304090	- 90	1	4	90	45.1	—	25	46	—	52	24	20,000	1.3	49,440	
3930 01306075	-PHC06A - 75	1	6	75	30	24	26	46	—	34	29	20,000	1.3	43,980	
3930 01306105	- 105	1	6	105	41	24	26	46	—	45	29	20,000	1.5	45,140	

商品コード Code	型式 Model	Type	d	L	L ₁	D ₁	D ₂	D ₃	L ₀	ℓ	ℓ ₁	Max. min ⁻¹	Kg	—	レンチ(別売) Wrench (Option)
3930 01307075	BT40 -PHC07A - 75	1	7	75	30	26	28	46	—	34	29	20,000	1.3	43,980	L-4T
3930 01307105	- 105	1	7	105	41	26	28	46	—	45	29	20,000	1.4	45,140	
3930 01308075	-PHC08A - 75	1	8	75	30	26	28	46	—	34	29	20,000	1.3	43,980	
3930 01308105	- 105	1	8	105	41	26	28	46	—	45	29	20,000	1.6	45,140	
3930 01309090	-PHC09A - 90	1	9	90	44	28	30	52	—	50	40	20,000	1.4	43,840	
3930 01309120	- 120	1	9	120	64	28	30	52	—	70	40	20,000	1.7	45,140	
3930 01310090	-PHC10A - 90	1	10	90	44	28	30	52	—	50	40	20,000	1.4	43,840	
3930 01310120	- 120	1	10	120	64	28	30	52	—	70	40	20,000	1.7	45,140	
3930 01311090	-PHC11A - 90	1	11	90	45	30	32	52	—	50	40	20,000	1.4	43,840	
3930 01311120	- 120	1	11	120	65	30	32	52	—	70	40	20,000	1.7	45,140	
3930 01312090	-PHC12A - 90	1	12	90	45	30	32	52	—	50	40	20,000	1.4	46,930	
3930 01312120	- 120	1	12	120	65	30	32	52	—	70	40	20,000	1.7	48,230	
3930 01313090	-PHC13A - 90	1	13	90	46	34	36	52	—	50	40	20,000	1.5	43,840	
3930 01313120	- 120	1	13	120	66	34	36	52	—	70	40	20,000	1.8	45,140	
3930 01314090	-PHC14A - 90	1	14	90	46	34	36	52	—	50	40	20,000	1.5	43,840	
3930 01314120	- 120	1	14	120	66	34	36	52	—	70	40	20,000	1.8	45,140	
3930 01315090	-PHC15A - 90	1	15	90	46	36	38	52	—	50	40	20,000	1.5	43,840	
3930 01315120	- 120	1	15	120	66	36	38	52	—	70	40	20,000	1.8	45,140	
3930 01316090	-PHC16A - 90	1	16	90	46	36	38	52	—	50	40	20,000	1.5	43,840	
3930 01316120	- 120	1	16	120	66	36	38	52	—	70	40	20,000	1.8	45,140	
3930 01320090	-PHC20A - 90	1	20	90	49	40	42	46	—	50	40	20,000	1.5	46,930	
3930 01320120	- 120	1	20	120	69	40	42	46	—	70	40	20,000	1.8	51,290	
3930 01325105	-PHC25A - 105	1	25	105	59	50	52	62	—	60	50	20,000	2.1	45,140	
3930 01325135	- 135	1	25	135	79	50	52	62	—	80	50	20,000	2.5	48,200	
3930 01332120	-PHC32A - 120	5	32	120	—	60	62	—	—	75	65	20,000	2.6	48,200	
3930 01332150	- 150	5	32	150	—	60	62	—	—	80	65	20,000	3.2	48,920	
3930 01506090	BT50 -PHC06A - 90	1	6	90	30	24	26	46	—	34	29	15,000	3.9	53,350	
3930 01506120	- 120	1	6	120	41	24	26	46	—	45	29	15,000	4.1	56,260	
3930 01506150	- 150	1	6	150	41	24	26	46	—	45	29	15,000	4.4	59,290	
3930 01507090	-PHC07A - 90	1	7	90	30	26	28	46	—	34	29	15,000	3.9	53,350	
3930 01507120	- 120	1	7	120	41	26	28	46	—	45	29	15,000	4.1	56,260	
3930 01507150	- 150	1	7	150	41	26	28	46	—	45	29	15,000	4.5	59,290	
3930 01508090	-PHC08A - 90	1	8	90	30	26	28	46	—	34	29	15,000	3.9	53,350	
3930 01508120	- 120	1	8	120	41	26	28	46	—	45	29	15,000	4.1	56,260	
3930 01508150	- 150	1	8	150	41	26	28	46	—	45	29	15,000	4.5	59,290	
3930 01509105	-PHC09A - 105	1	9	105	44	28	30	52	—	50	40	15,000	4.0	53,560	
3930 01509135	- 135	1	9	135	64	28	30	52	—	70	40	15,000	4.3	56,590	
3930 01509165	- 165	1	9	165	64	28	30	52	—	70	40	15,000	4.7	59,610	
3930 01510105	-PHC10A - 105	1	10	105	44	28	30	52	—	50	40	15,000	4.1	53,560	
3930 01510135	- 135	1	10	135	64	28	30	52	—	70	40	15,000	4.3	56,590	
3930 01510165	- 165	1	10	165	64	28	30	52	—	70	40	15,000	4.7	59,610	
3930 01511105	-PHC11A - 105	1	11	105	45	30	32	52	—	50	40	15,000	4.1	53,560	
3930 01511135	- 135	1	11	135	65	30	32	52	—	70	40	15,000	4.3	56,590	
3930 01511165	- 165	1	11	165	65	30	32	52	—	70	40	15,000	4.7	59,610	
3930 01512105	-PHC12A - 105	1	12	105	45	30	32	52	—	50	40	15,000	4.1	56,800	
3930 01512135	- 135	1	12	135	65	30	32	52	—	70	40	15,000	4.3	59,830	
3930 01512165	- 165	1	12	165	65	30	32	52	—	70	40	15,000	4.7	62,850	
3930 01513105	-PHC13A - 105	1	13	105	46	34	36	52	—	50	40	15,000	4.2	55,830	
3930 01513135	- 135	1	13	135	66	34	36	52	—	70	40	15,000	4.4	58,750	
3930 01513165	- 165	1	13	165	66	34	36	52	—	70	40	15,000	4.8	61,770	
3930 01514105	-PHC14A - 105	1	14	105	46	34	36	52	—	50	40	15,000	4.2	55,830	
3930 01514135	- 135	1	14	135	66	34	36	52	—	70	40	15,000	4.4	58,750	
3930 01514165	- 165	1	14	165	66	34	36	52	—	70	40	15,000	4.8	61,770	
3930 01515105	-PHC15A - 105	1	15	105	46	36	38	52	—	50	40	15,000	4.1	55,830	
3930 01515135	- 135	1	15	135	66	36	38	52	—	70	40	15,000	4.4	58,750	
3930 01515165	- 165	1	15	165	66	36	38	52	—	70	40	15,000	4.8	61,770	
3930 01516105	-PHC16A - 105	1	16	105	46	36	38	52	—	50	40	15,000	4.1	55,830	
3930 01516135	- 135	1	16	135	66	36	38	52	—	70	40	15,000	4.4	58,750	
3930 01516165	- 165	1	16	165	66	36	38	52	—	70	40	15,000	4.8	61,770	
3930 01520105	-PHC20A - 105	1	20	105	49	40	42	46	—	50	40	15,000	4.1	66,310	
3930 01520135	- 135	1	20	135	69	40	42	46	—	70	40	15,000	4.4	68,250	
3930 01520165	- 165	1	20	165	69	40	42	46	—	70	40	15,000	4.7	69,760	
3930 01525120	-PHC25A - 120	1	25	120	59	50	52	62	—	64	50	15,000	4.7	65,010	
3930 01525150	- 150	1	25	150	79	50	52	62	—	80	50	15,000	5.2	66,310	
3930 01525165	- 165	1	25	165	79	50	52	62	—	80	50	15,000	5.5	67,060	
3930 01532135	-PHC32A - 135	5	32	135	—	60	62	—	—	75	65	15,000	5.2	67,500	
3930 01532165	- 165	5	32	165	—	60	62	—	—	80	65	15,000	5.8	69,010	

- 刃物シャンク部が下記公差範囲内の刃物を使用して下さい。
刃物シャンク径がφ6未満・・・h6公差範囲内
刃物シャンク径がφ6以上・・・h7公差範囲内
新規に刃物を製作される場合は、h6公差または $0_{.01}$ 公差で製作されることをお勧めします。

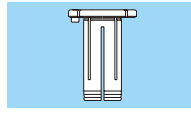
- PHC12A、PHC20Aにはスリップ防止ピン付コレット装着用の穴が開いています。
 - センタースルークーラント供給時はエア抜き穴を付属の止めネジでふさいで下さい。
 - PHC03A、PHC04Aには高さ調整ユニットはご使用いただけません。
 - 許容回転数は機械主軸の剛性および刃具バランスに大きく影響されます。ご使用の際は低い回転数から徐々に上げ、適正な回転数でご使用ください。
- Cutting tool shank must be within tolerances specified below ;
Shank diameter less than 6mm : Within h6 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.
 - Hex-head screws (included) are necessary to plug air hole for center through coolant feed.
 - For PHC03A & PHC04A, the length adjustment unit cannot be used.
 - Permissible 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.

ご注文例 Ordering Example

BT50 - PHC12A - 135

シャンクサイズ Shank size 内径 (d) I.D. 突き出し長さ (L) Projection length

PHS コレット
PHS Collet
P. 127



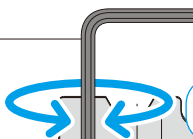
レンチ
Hex. wrench
P. 119



高さ調整ユニット Length adjustment unit

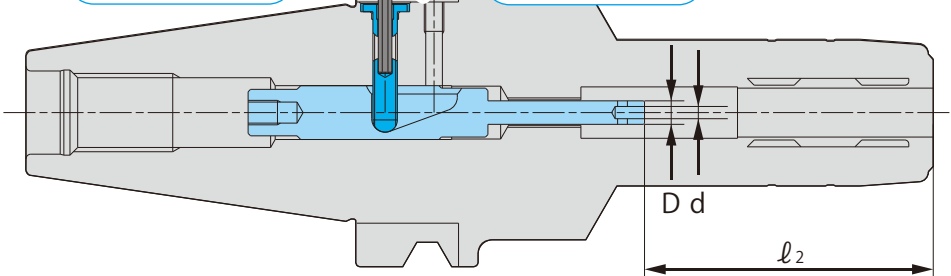
高さ調整用六角レンチ
Hex Wrench for height adjustment

突き出し量が減少します。
For shorter projection length



突き出し量が増加します。
For longer projection length

シャンクサイズ Shank size	高さ調整用六角レンチサイズ Hex wrench size for height adjustment	高さ調整ユニット着脱工具 Install / removal tool for length adjustment unit
BT30	2.5mm	STS-R1
BT40	2.5mm	STS-R2

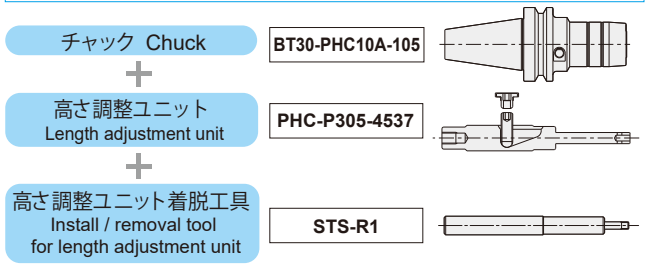


商品コード Code	高さ調整ユニット型式 Length adjustment unit	適合ホルダ型式 Matched chuck	調整範囲 l_2 Adjustment range l_2	調整量 Adjustable amount	先端内径寸法 d Pin end I.D.	先端外径寸法 D Pin end O.D.	—
3934 23044023	PHC-P304-4023	BT30 -PHC06A-75	29-34	5	2	3.8	3,450
3934 23044023	PHC-P304-4023	-PHC07A-75	29-34	5	2	3.8	3,450
3934 23044023	PHC-P304-4023	-PHC08A-75	29-34	5	2	3.8	3,450
3934 23053730	PHC-P305-3730	-PHC09A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC10A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC11A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC12A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC13A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC14A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC15A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23053730	PHC-P305-3730	-PHC16A-90	40-45	5	2.5	4.8	3,450
3934 23053725	PHC-P305-3725	-90	45-50	5	2.5	4.8	3,450
3934 23053720	PHC-P305-3720	-90	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-105	40-45	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-105	45-50	5	2.5	4.8	3,450
3934 23054027	PHC-P305-4027	-PHC20A-90	40-45	5	2.5	4.8	3,450
3934 23054022	PHC-P305-4022	-90	45-50	5	2.5	4.8	3,450
3934 23054542	PHC-P305-4542	-120	50-55	5	2.5	4.8	3,450
3934 23054537	PHC-P305-4537	-120	55-60	5	2.5	4.8	3,450
3934 23054532	PHC-P305-4532	-120	60-65	5	2.5	4.8	3,450

商品コード Code	高さ調整ユニット型式 Length adjustment unit	適合ホルダ型式 Matched chuck	調整範囲ℓ2 Adjustment range ℓ2	調整量 Adjustable amount	先端内径寸法 d Pin end I.D.	先端外径寸法 D Pin end O.D.	—
3934 24044423	PHC-P404-4423	BT40 -PHC06A-75	29-34	5	2	3.8	3,450
3934 24046334	PHC-P404-6334	-105	29-39	10	2	3.8	3,450
3934 24046328	PHC-P404-6328	-105	35-45	10	2	3.8	3,450
3934 24044423	PHC-P404-4423	-PHC07A-75	29-34	5	2	3.8	3,450
3934 24046334	PHC-P404-6334	-105	29-39	10	2	3.8	3,450
3934 24046328	PHC-P404-6328	-105	35-45	10	2	3.8	3,450
3934 24044423	PHC-P404-4423	-PHC08A-75	29-34	5	2	3.8	3,450
3934 24046334	PHC-P404-6334	-105	29-39	10	2	3.8	3,450
3934 24046328	PHC-P404-6328	-105	35-45	10	2	3.8	3,450
3934 24054427	PHC-P405-4427	-PHC09A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC10A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC11A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC12A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC13A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC14A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC15A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC16A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054427	PHC-P405-4427	-PHC20A-90	40-50	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-120	40-50	10	2.5	4.8	3,450
3934 24054942	PHC-P405-4942	-120	50-60	10	2.5	4.8	3,450
3934 24054932	PHC-P405-4932	-120	60-70	10	2.5	4.8	3,450
3934 24054432	PHC-P405-4432	-PHC25A-105	50-60	10	2.5	4.8	3,450
3934 24055452	PHC-P405-5452	-135	50-60	10	2.5	4.8	3,450
3934 24055442	PHC-P405-5442	-135	60-70	10	2.5	4.8	3,450
3934 24055432	PHC-P405-5432	-135	70-80	10	2.5	4.8	3,450
3934 24054432	PHC-P405-4432	-PHC32A-120	65-75	10	2.5	4.8	3,450
3934 24055452	PHC-P405-5452	-150	65-75	10	2.5	4.8	3,450
3934 24054952	PHC-P405-4952	-150	70-80	10	2.5	4.8	3,450

ご注文例 Ordering Example

BT30-PHC10A-105にて調整範囲40-45mm (調整量5mm) で調整する場合
 BT30-PHC10A-105 with adjustment range of 40-45mm (Adjustable amount-5mm).



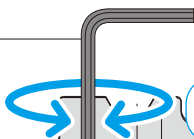
1. 高さ調整ユニットは突き出し長さ45mmのチャックには使用できません。
2. 高さ調整ユニットはBT、CAT、SKシャンクチャックにのみ使用可能です。
3. PHC03A、PHC04Aには高さ調整ユニットはご使用いただけません。

1. Length adjustment unit can be used for Chucks other than 45mm projection length.
2. Length adjustment unit can be used with BT, CAT and SK shank Chucks only.
3. For PHC03A & PHC04A, the length adjustment unit cannot be used.

高さ調整ユニット Length adjustment unit

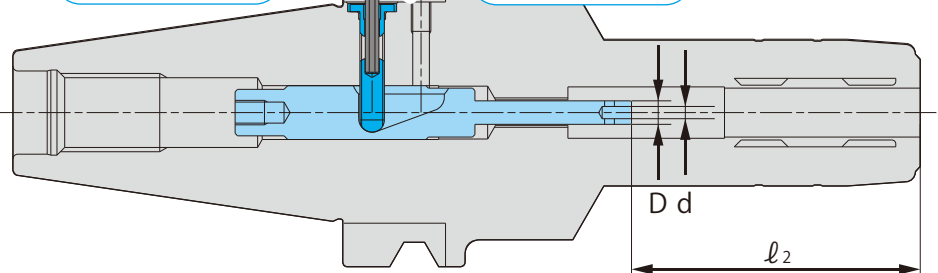
高さ調整用六角レンチ
Hex.Wrench for height adjustment

突き出し量が減少します。
For shorter projection length



突き出し量が増加します。
For longer projection length

シャンクサイズ Shank size	高さ調整用六角レンチサイズ Hex wrench size for height adjustment	高さ調整ユニット着脱工具 Install / removal tool for length adjustment unit
BT50	3mm	STS-R2

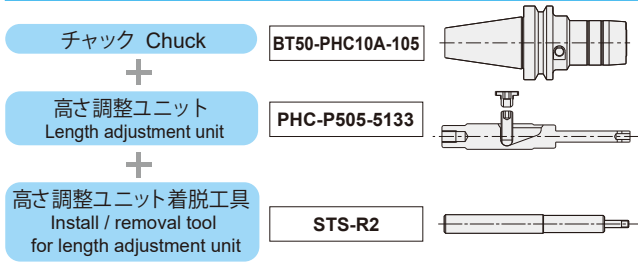


商品コード Code	高さ調整ユニット型式 Length adjustment unit	適合ホルダ型式 Matched chuck	調整範囲 l_2 Adjustment range l_2	調整量 Adjustable amount	先端内径寸法 Pin end I.D.	先端外径寸法 Pin end O.D.	—
3934 25045129	PHC-P504-5129	BT50 -PHC06A-90	29-34	5	2	3.8	3,450
3934 25047139	PHC-P504-7139	-120	29-45	16	2	3.8	3,450
3934 25040139	PHC-P504-10139	-150	29-45	16	2	3.8	3,450
3934 25045129	PHC-P504-5129	-PHC07A-90	29-34	5	2	3.8	3,450
3934 25047139	PHC-P504-7139	-120	29-45	16	2	3.8	3,450
3934 25040139	PHC-P504-10139	-150	29-45	16	2	3.8	3,450
3934 25045129	PHC-P504-5129	-PHC08A-90	29-34	5	2	3.8	3,450
3934 25047139	PHC-P504-7139	-120	29-45	16	2	3.8	3,450
3934 25040139	PHC-P504-10139	-150	29-45	16	2	3.8	3,450
3934 25055133	PHC-P505-5133	-PHC09A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC10A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC11A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC12A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC13A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC14A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC15A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055133	PHC-P505-5133	-PHC16A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450

商品コード Code	高さ調整ユニット型式 Length adjustment unit	適合ホルダ型式 Matched chuck	調整範囲 ℓ2 Adjustment range ℓ2	調整量 Adjustable amount	先端内径寸法 d Pin end I.D.	先端外径寸法 D Pin end O.D.	—
3934 25055133	PHC-P505-5133	BT50 -PHC20A-105	40-50	10	2.5	4.8	3,450
3934 25056153	PHC-P505-6153	-135	40-55	15	2.5	4.8	3,450
3934 25056138	PHC-P505-6138	-135	55-70	15	2.5	4.8	3,450
3934 25059153	PHC-P505-9153	-165	40-55	15	2.5	4.8	3,450
3934 25059138	PHC-P505-9138	-165	55-70	15	2.5	4.8	3,450
3934 25055138	PHC-P505-5138	-PHC25A-120	50-64	14	2.5	4.8	3,450
3934 25056158	PHC-P505-6158	-150	50-65	15	2.5	4.8	3,450
3934 25056143	PHC-P505-6143	-150	65-80	15	2.5	4.8	3,450
3934 25057658	PHC-P505-7658	-165	50-65	15	2.5	4.8	3,450
3934 25057643	PHC-P505-7643	-165	65-80	15	2.5	4.8	3,450
3934 25055138	PHC-P505-5138	-PHC32A-135	65-75	10	2.5	4.8	3,450
3934 25056158	PHC-P505-6158	-165	65-80	15	2.5	4.8	3,450

ご注文例 Ordering Example

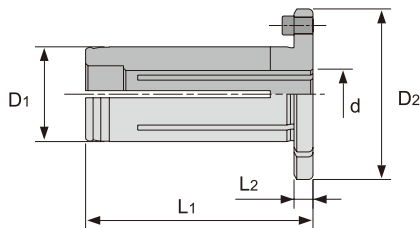
BT50-PHC10A-105にて調整範囲40-45mm (調整量5mm) で調整する場合
BT50-PHC10A-105 with adjustment range of 40-45mm (Adjustable amount-5mm).



- 高さ調整ユニットは突き出し長さ45mmのチャックには使用できません。
- 高さ調整ユニットはBT、CAT、SKシャンクチャックにのみ使用可能です。

- Length adjustment unit can be used for Chucks other than 45mm projection length.
- Length adjustment unit can be used with BT, CAT and SK shank Chucks only.

スリップ防止ピン付コレット Collet with stopper pin



最低挿入長一覧
Min. Clamping length

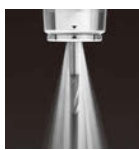
コレット内径 [d] Collet I.D. [d]	最低挿入長 Min. Clamping length
3, 4	25
5	30
6, 7	34
8, 9	38
10, 11	42
12, 13, 14, 15, 16	50

● 穴付き刃物用 OH型 For cutter with oil hole



商品コード Code	型式 Model	D1	D2	L1	L2	[d]	—
3940 300512※※	PHS 12 - [d] -OH	12	26	48	4	3, 4, 5, 6, 7, 8, 9, 10	9,280
3940 300520※※	PHS 20 - [d] -OH	20	36	48	4	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	9,280

● コレットスルー用 C型 For collet through coolant



商品コード Code	型式 Model	D1	D2	L1	L2	[d]	—
3940 300612※※	PHS 12 - [d] -C	12	26	48	4	3, 4, 5, 6, 7, 8, 9	9,500
3940 300620※※	PHS 20 - [d] -C	20	36	48	4	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	9,500

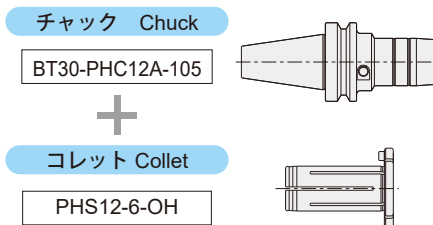
商品コードの※※には内径 d が入ります。

- コレットは PHC12A、PHC20A にのみご使用できます。
- 高さ調整ユニットとの併用が可能です。

- The collet with stopper pin can be used with PHC12A and PHC20A only.
- The collet with stopper pin can be used with the length adjustment unit.

ご注文例 Ordering Example

BT30-PHC12A-105にて
φ6の刃物をつかむ場合
To hold φ6 cutting tool with BT30-PHC12A-105



BT40-PHC20A-120にてφ15の刃物を掴み、
コレットスルークーラント加工をする場合
To hold φ15 cutting tool using collet through
coolant feed with BT40-PHC20A-120

