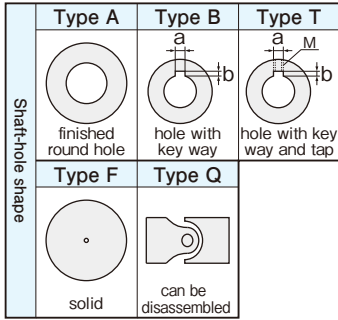
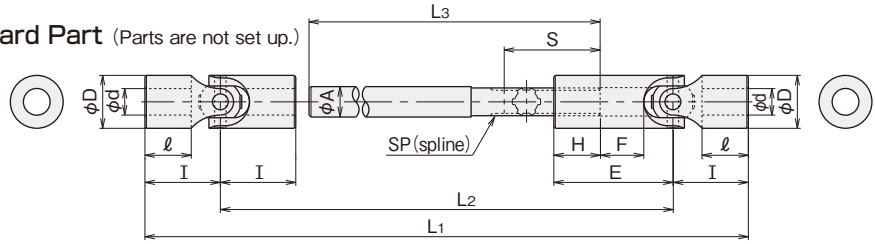


Strong Type B-PS

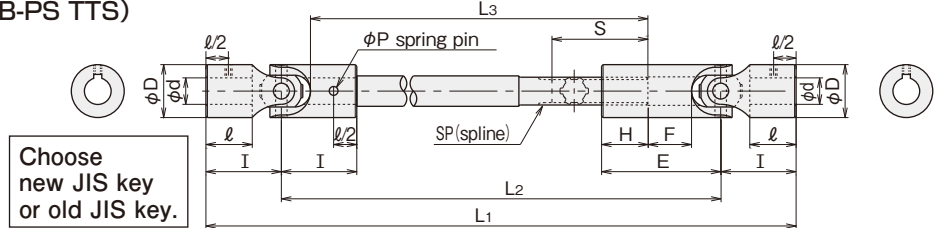
- Please read "request and advice for order" in page 6 before placing an order.
- Please refer to "joint boot" in page 24 and 25.



Standard Part (Parts are not set up.)



Parts Setup with Key Way and Tap (Designate dimension L1) (B-PS TTS)



Choose new JIS key or old JIS key.

Type B-PS Dimension Table

standard part's attachment ● spring-pin 3 pieces

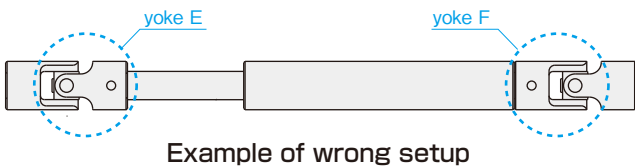
Symbol Size	φd ^{H7}	φD	I	ℓ	E	H	F Slide distance	φA	S	SP	Dimension of spring-pin for fixing	New JIS key		Old JIS key		TAP M	MAX				MIN
												a ^{JIS9}	b	a ^{JIS9}	b		L1-F	L2	L3	L1-F	
B-20PS	20	40	62	40	100	40	38	22	90	18×22× 5×6	6× 40	6	2.8	5	2.0	M 6	806	682	600	324	
B-22PS	22	44	65	41	105	41	40	25	95	21×25× 5×6	6× 45	6	2.8	7	3.0	M 8	1018	888	800	340	
B-25PS	25	50	70	43	110	43	40	30	100	23×28× 6×6	8× 50	8	3.3	7	3.0	M 8	1034	894	800	360	
B-30PS	30	60	89	56	140	56	51	35	115	28×34× 7×6	10× 60	8	3.3	7	3.0	M 8	1095	917	800	458	
B-35PS	35	70	100	62	160	62	60	42	130	32×38× 6×8	10× 70	10	3.3	10	3.5	M10	1136	936	800	520	
B-40PS	40	80	114	70	180	70	66	46	145	36×42× 7×8	10× 80	12	3.3	10	3.5	M10	1182	954	800	588	
B-45PS	45	90	125	76	200	76	75	53	160	42×48× 8×8	12× 90	14	3.8	12	3.5	M10	1223	973	800	650	
B-50PS	50	100	135	80	210	80	75	53	170	42×48× 8×8	12×100	14	3.8	12	3.5	M12	1255	985	800	690	
B-60PS	60	120	150	84	230	84	80	63	185	52×60×10×8	13×120	18	4.4	15	5.0	M12	1312	1012	800	760	

● MAX L1=Maximum length in which the sliding stroke F of standard part is kept. ● MIN L1=Minimum length in which a shaft and a sleeve are cut and the engaged distance H and sliding stroke F are kept.

Instruction of P Series

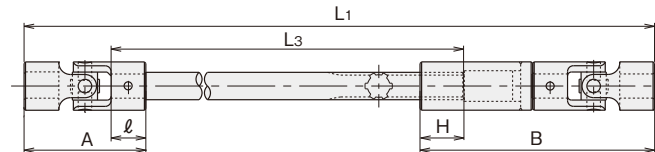
Products of P Series are semi-order-made ones that can meet the requirement of short delivery.

- A product consists of two standard joints and a joint slide (SPS, SPA).
In case of standard parts, a joint and a joint slide are not set up at the time of delivery. So when it is used, set it up using an attached spring pin after deciding the total length. (For HJ-P, a shear pin is used instead of a spring pin.)
- When it is set up, yoke E of left joint and yoke F of right joint should be located symmetrically. The following drawing shows the wrong setup, in which yoke E and yoke F are set in 90° phase difference. Please note that if it is set up in a wrong way, the output shaft cannot maintain the constant revolution velocity. Refer to instruction notes in page 2 for more details.

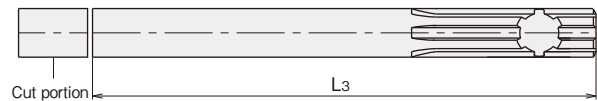


In case of total length change

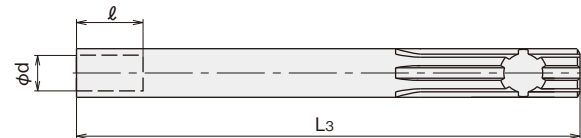
- ① Determine the use length (maximum length L1).



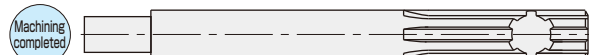
- ② Calculate the length of intermediate shaft.
Calculate dimensions A and B with figures in dimension table of this catalogue, and find L3 using the following formula: $L_3 = L_1 - (A+B) + (\ell + H)$. Then, cut the shaft. However the area of spline should not be cut.



- Cut to the length of L3



- Machine the shaft end to the dimension of φ×ℓ so that it can be inserted to a joint.



- ③ Fitting a spring pin

Drill a pin hole in the center of dimension ℓ and hammer down a spring pin into a hole.