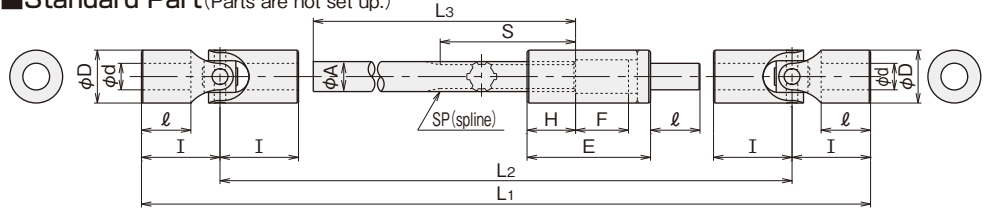


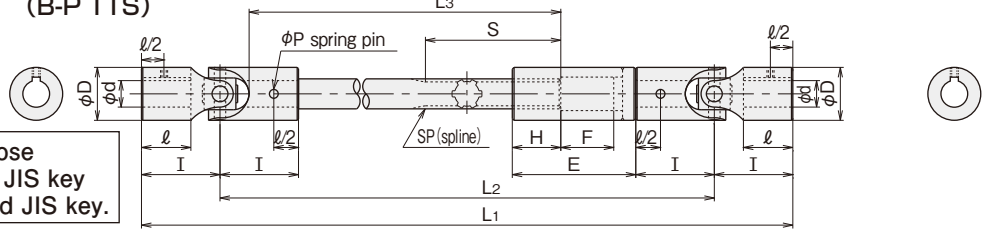
Strong Type B-P

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

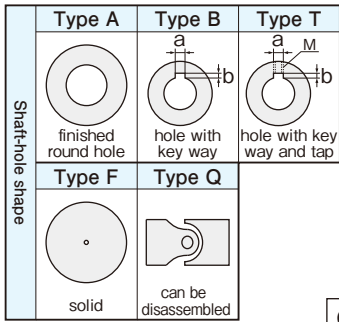
■ Standard Part (Parts are not set up.)



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



Choose new JIS key or old JIS key.



Type B-P Dimension Table

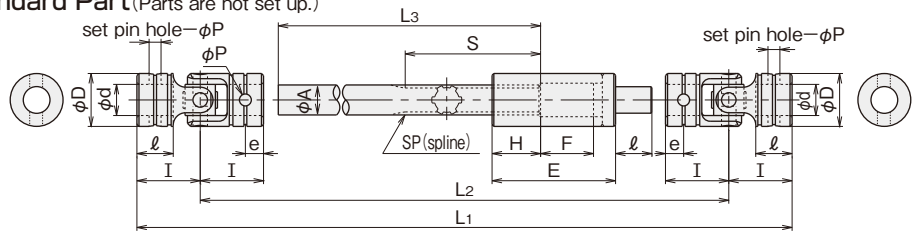
Symbol Size	φd ^{H7}	φD	I	ℓ	E	H	F Slide distance	φA	S	SP	Dimension of spring-pin for fixing	standard part's attachment				● spring-pin 4 pieces				
												New JIS key		Old JIS key		TAP M	MAX			MIN
												a ^{JIS}	b	a ^{JS}	b		L1-F	L2	L3	L1-F
B- 6P	6	12	25	18	43.5	8.5	25	6	60	Large diameter 6 m=0.5 z=10	2 × 12	2	1.0	2	1.0	M3	266.5	216.5	150	168.5
B- 8P	8	16	28	19	50.5	10.5	25	8	70	Large diameter 8 m=0.5 z=14	2.5 × 16	3	1.4	3	1.5	M3	433	377	300	187.5
B-10P	10	20	34	23	65	20	30	10	80	Large diameter 10 m=0.5 z=18	3 × 20	3	1.4	4	1.5	M4	458	390	300	231
B-12P	12	24	42	29	85	25	35	12	80	Large diameter 12 m=0.75 z=14	4 × 25	4	1.8	4	1.5	M4	599	515	400	288
B-14P	14	28	47	31.5	90	25	40	14	65	11 × 14 × 3 × 6	5 × 28	5	2.3	5	2.0	M5	621.5	527.5	400	318
B-16P	16	32	52	34.5	95	30	40	16	75	13 × 16 × 3.5 × 6	5 × 32	5	2.3	5	2.0	M5	638.5	534.5	400	343
B-18P	18	36	60	40	105	35	45	20	85	16 × 20 × 4 × 6	6 × 35	6	2.8	5	2.0	M6	870	750	600	390
B-20P	20	40	62	40	110	40	45	22	90	18 × 22 × 5 × 6	6 × 40	6	2.8	5	2.0	M6	878	754	600	403
B-22P	22	44	65	41	115	40	50	25	95	21 × 25 × 5 × 6	6 × 45	6	2.8	7	3.0	M8	1094	964	800	425
B-25P	25	50	70	43	125	40	60	30	100	23 × 28 × 6 × 6	8 × 50	8	3.3	7	3.0	M8	1122	982	800	465
B-30P	30	60	89	56	140	55	60	35	115	28 × 34 × 7 × 6	10 × 60	8	3.3	7	3.0	M8	1185	1007	800	556

● 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.

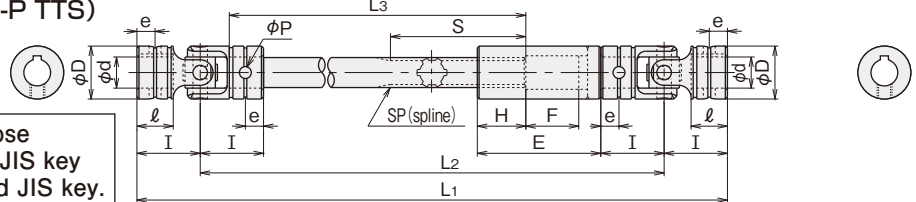
Anti-wear Type HJ-P

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

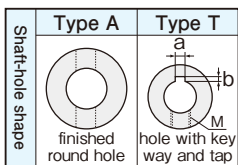
■ Standard Part (Parts are not set up.)



■ Parts Setup with Key Way and Tap (Designate dimension L1) (HJ-P TTS)



Choose new JIS key or old JIS key.



Type HJ-P Dimension Table

Symbol Size	φd ^{H7}	φD	I	ℓ	E	H	F Slide distance	φA	S	SP	e	φP ^{H8/m6}	standard part's attachment				● strong-pin 2 piece ● shear-pin 2 piece ● check ring 4 pieces				
													New JIS key		Old JIS key		TAP M	MAX			MIN
													a ^{EJ}	b	a ^{EJ}	b		L1-F	L2	L3	L1-F
HJ- 6P	6	12	15.5	9	43.5	8.5	25	6	60	Large diameter 6 m=0.5 z=10	4.5	3	—	—	—	—	238	207	150	130.5	
HJ- 8P	8	15	18	10	50.5	10.5	25	8	70	Large diameter 8 m=0.5 z=14	5	3.5	3	1.4	3	1.5	M3	402	366	300	147.5
HJ-10P	10	19	21	12	65	20	30	10	80	Large diameter 10 m=0.5 z=18	6	4.5	3	1.4	4	1.5	M4	418	376	300	179
HJ-12P	12	23	26	15	85	25	35	12	80	Large diameter 12 m=0.75 z=14	7.5	5	4	1.8	4	1.5	M4	551	499	400	224
HJ-14P	14	26	29.5	16	90	25	40	14	65	11 × 14 × 3 × 6	8.5	5.8	5	2.3	5	2.0	M5	567	508	400	248
HJ-16P	16	30	37	20	95	30	40	16	75	13 × 16 × 3.5 × 6	11	6.5	5	2.3	5	2.0	M5	593	519	400	283
HJ-18P	18	33	40.5	23.5	105	35	45	20	85	16 × 20 × 4 × 6	11.7	7	6	2.8	5	2.0	M6	808.5	727.5	600	312
HJ-20P	20	36	43.5	25	110	40	45	22	90	18 × 22 × 5 × 6	12.5	8	6	2.8	5	2.0	M6	819	732	600	329
HJ-22P	22	40	47	27	115	40	50	25	95	21 × 25 × 5 × 6	13.5	9	6	2.8	7	3.0	M8	1036	942	800	353
HJ-25P	25	44	52.5	30	125	40	60	30	100	23 × 28 × 6 × 6	15	10	8	3.3	7	3.0	M8	1065	960	800	395
HJ-30P	30	51	61	35	140	55	60	35	115	28 × 34 × 7 × 6	17.5	11.5	8	3.3	7	3.0	M8	1094	972	800	444

● 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.