Precision Type H

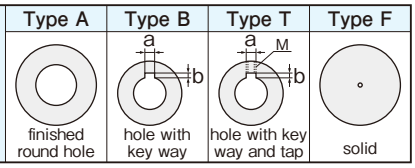
Conforming to JIS-B1454typeB　Material SCM435

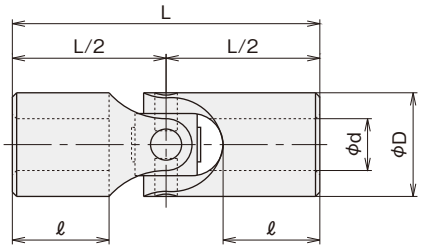
- A hole for a spring-pin attached should be machined together with a shaft at a location of ℓ/2.
- Use a boot and oil pack to extend the life of joint.
- Designate new JIS or old JIS for key, when the type of shaft-hole shape is B or T.
- A spring-pin is not attached for a joint with a key way.

●Please read "request and advice for order" in page 6 before placing an order.

Max. joint angle	Additional machining	Product with shaft	Boot
up to 30°	possible	refer to page 28 and 31	refer to page 24

Shaft-hole shape





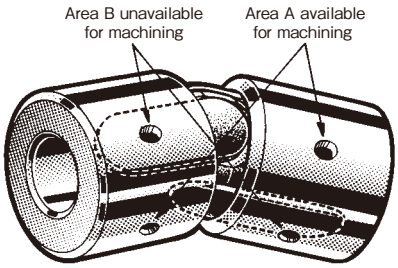
■Type H Dimension Table

Attachment ●spring-pin 2 pieces

Symbol / Size	ϕd H7	ϕD	L	ℓ	New JIS key a Js9	New JIS key b	Old JIS key a Js9	Old JIS key b	TAP M	Dimension of spring-pin for fixing	Swing of the center	Mass kg	Max. revolution min-1	Max. transmission torque capacity N·m
H- 6	6	12.5	40	13	2	1.0	2	1.0	M3	2 ×12	0.05	0.03	2000	9
H- 8	8	16	50	16.5	3	1.4	3	1.5	M3	2.5×16	0.05	0.05	1800	19
H-10	10	20	56	17	3	1.4	4	1.5	M4	3 ×20	0.07	0.09	1450	34
H-12	12	25	71	22	4	1.8	4	1.5	M4	4 ×25	0.07	0.18	1200	60
H-16	16	32	80	23	5	2.3	5	2.0	M5	5 ×32	0.07	0.33	900	147
H-20	20	40	100	28	6	2.8	5	2.0	M6	6 ×40	0.10	0.64	720	265
H-25	25	50	126	36	8	3.3	7	3.0	M8	8 ×50	0.10	1.25	580	520
H-30	30	57	165	51	8	3.3	7	3.0	M8	10 ×60	0.12	2.18	510	804

Request and advice for machining type S and D

When you machine type S or type D, please take the following notes into consideration.



1) Type S and type D cannot be disassembled. So machining should be done as an assembly.
2) When machining is carried out for a setting spring-pin hole, tapping hole, key way etc., you must avoid quenched area B shown in the left drawing. Area A is available for machining.
3) When a shaft hole is enlarged, only one size larger hole is possible to machine.
   (However it is not possible to machine a shaft hole, whose size is from S(D)-6 to S(D)-16.)
4) When it is machined, the outer diameter should not be clamped excessively strong.

Example of machining