Anti-wear Type HJ

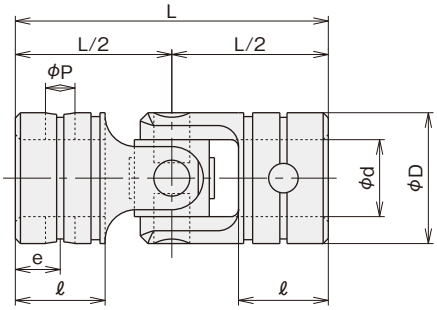
JIS-B1454typeC Material SCM415
Entirely Quenched, Anti-wear Use

●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°	not possible	refer to page 29 and 32	refer to page 25

Shaft-hole shape	Type A	Type T
	finished round hole	hole with key way and tap

- In order to increase the fatigue strength, parts are entirely quenched.
- Parts cannot be machined because they are entirely quenched.
- 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 T.
- A strong-pin or a shear-pin is not attached for a joint with a key way.



Attachment ●strong-pin 1 piece

●shear-pin 1 piece

●check ring 2 pieces

■Type HJ Dimension Table

Symbol / Size	ϕd H7	ϕD	L	ℓ	e	ϕP H8 m6	New JIS key a E9	New JIS key b	Old JIS key a E9	Old JIS key b	TAP M	Swing of the center	Mass kg	Max. revolution min⁻¹	Max. transmission torque capacity N·m
HJ- 6	6	12	31	9	4.5	3	—	—	—	—	—	0.10	0.02	1800	8
HJ- 8	8	15	36	10	5	3.5	3	1.4	3	1.5	M3	0.10	0.03	1700	13
HJ-10	10	19	42	12	6	4.5	3	1.4	4	1.5	M4	0.10	0.06	1400	30
HJ-12	12	23	52	15	7.5	5	4	1.8	4	1.5	M4	0.10	0.11	1100	39
HJ-14	14	26	59	16	8.5	5.8	5	2.3	5	2.0	M5	0.10	0.16	1000	58
HJ-16	16	30	74	20	11	6.5	5	2.3	5	2.0	M5	0.10	0.27	850	91
HJ-18	18	33	81	23.5	11.7	7	6	2.8	5	2.0	M6	0.10	0.34	800	137
HJ-20	20	36	87	25	12.5	8	6	2.8	5	2.0	M6	0.10	0.43	700	177
HJ-22	22	40	94	27	13.5	9	6	2.8	7	3.0	M8	0.15	0.57	650	235
HJ-25	25	44	105	30	15	10	8	3.3	7	3.0	M8	0.15	0.75	600	324
HJ-30	30	51	122	35	17.5	11.5	8	3.3	7	3.0	M8	0.15	1.17	500	481

Anti-wear Type HJD

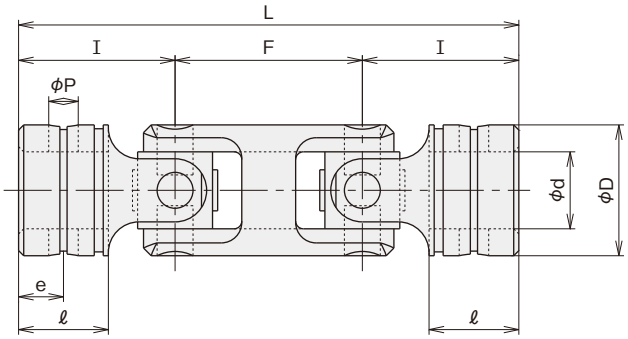
JIS-B1454typeCC Material SCM415
Entirely Quenched, Anti-wear Use

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

Max. joint angle	Additional machining
up to 60°	not possible

Shaft-hole shape	Type A	Type T
	finished round hole	hole with key way and tap

- In order to increase the fatigue strength, parts are entirely quenched.
- Parts cannot be machined because they are entirely quenched.
- Designate new JIS or old JIS for key, when the type of shaft-hole shape is T.
- A strong-pin or a shear-pin is not attached for a joint with a key way.



Attachment ●strong-pin 1 piece

●shear-pin 1 piece

●check ring 2 pieces

■Type HJD Dimension Table

Symbol / Size	ϕd H7	ϕD	L	ℓ	I	F	e	ϕP H8 m6	New JIS key a E9	New JIS key b	Old JIS key a E9	Old JIS key b	TAP M	Swing of the center	Mass kg	Max. revolution min⁻¹	Max. transmission torque capacity N·m
HJD- 6	6	12	49.5	9	15.5	18.5	4.5	3	—	—	—	—	—	0.10	0.03	1400	6
HJD- 8	8	15	58	10	18	22	5	3.5	3	1.4	3	1.5	M3	0.10	0.05	1250	10
HJD-10	10	19	67.5	12	21	25.5	6	4.5	3	1.4	4	1.5	M4	0.10	0.09	1000	24
HJD-12	12	23	83	15	26	31	7.5	5	4	1.8	4	1.5	M4	0.10	0.17	830	31
HJD-14	14	26	94.5	16	29.5	35.5	8.5	5.8	5	2.3	5	2.0	M5	0.10	0.24	730	46
HJD-16	16	30	117.5	20	37	43.5	11	6.5	5	2.3	5	2.0	M5	0.10	0.40	630	73
HJD-18	18	33	129	23.5	40.5	48	11.7	7	6	2.8	5	2.0	M6	0.10	0.51	570	110
HJD-20	20	36	139	25	43.5	52	12.5	8	6	2.8	5	2.0	M6	0.10	0.63	530	137
HJD-22	22	40	150	27	47	56	13.5	9	6	2.8	7	3.0	M8	0.15	0.88	470	186
HJD-25	25	44	168	30	52.5	63	15	10	8	3.3	7	3.0	M8	0.15	1.16	430	255
HJD-30	30	51	195	35	61	73	17.5	11.5	8	3.3	7	3.0	M8	0.15	1.80	380	382