

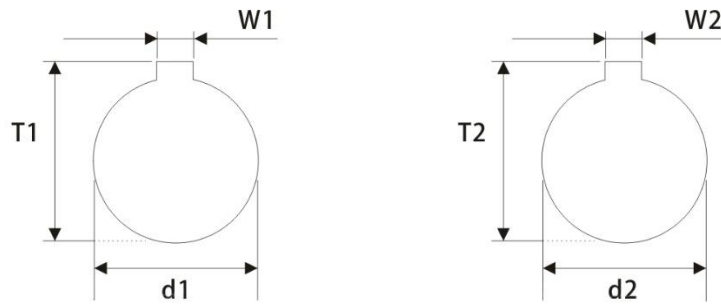
Things to Note:

1. There are four kinds of elastomers with different hardness in this series. The allowable torque and absorption deviates with different elastomers. Please pay attention to the selection.
2. Be sure to observe allowable tolerances of eccentricity, deflection and axis.
3. Bolts must be tightened with specified torque
4. The scope of use is shown in the following table of elastomer parameters. Despite being water and oil resistant, extreme adhesion can also lead to product deterioration.
5. Do not tighten clamping bolt before inserting installation shaft.

Installation:

1. Confirm if the clamping bolt and positioning screw of the coupling are loose. Remove rust, dust and oil on the shaft and inner diameter of the coupling. In particular, remove all greases that could have a significant impact on the friction coefficient of the coupling.
2. Insert coupling into the motor shaft. The insertion length must be close to the side section length of the coupling, so that the clamping end has a large enough contact surface with the shaft for sufficient friction.
3. When the two clamping bolts are loose, please confirm whether the coupling can move along the axis and rotational direction. If the movement is not smooth, please readjust the centring of the two axes. This method is recommended as a simple test of left and right concentricity. If this method cannot be used, please use other measurement tools to confirm the installation accuracy.
4. Upon confirmation that the coupling can move smoothly along the axis and rotation direction, tighten the two clamping bolts. Please use a calibrated torque wrench to tighten the bolt according to the clamping bolt tightening torque listed in the parameter table.
5. It is recommended that re-tightening of the bolts are done after a period of operation.

Standard Dimension Table Of Keyway [JS9] (mm)



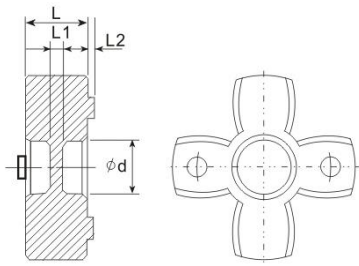
$\Phi d1$ $\Phi d2$ Bore	Keyway W1:W2 (mm)	Keyway T1:T2 (mm)	$\Phi d1$ $\Phi d2$ Bore	Keyway W1:W2 (mm)	Keyway T1:T2 (mm)
6	2	7	32	10	35.3
8	2	9	35	10	38.3
9	3	10.4	38	10	41.3
10	3	11.4	40	12	43.3
11	4	12.8	42	12	45.3
12	4	13.8	45	14	48.8
13	5	15.3	48	14	51.8
14	5	16.3	50	14	53.8
15	5	17.3	55	16	59.3
16	5	18.3	56	16	60.3
17	5	19.3	60	18	64.4
18	6	20.8	65	18	69.4
19	6	21.8	70	20	74.9
20	6	22.8	75	20	79.9
22	6	24.8	80	22	85.4
24	8	27.3	85	22	90.4
25	8	28.3	90	25	95.4
28	8	31.3	95	25	100.4
30	8	33.3	100	28	106.4

Elastomer Performance Table

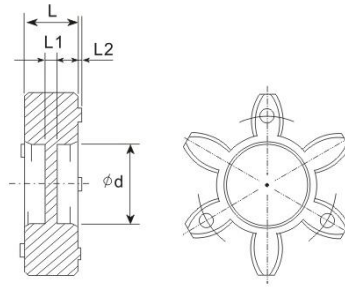
Elastomer Hardness	Colour	Material	Permissible temperature range continuous temperature (°C)	Permissible temperature range Initial temperature (°C)	Outer Diameter Range	Application
80 Sh-A	Blue	TPU	-50 °C to + 80 °C	-60 °C to + 120 °C	14mm-40mm	Encoder, transmission of electronic measuring system
90 Sh-A	Yellow	TPU	-40 °C to + 90 °C	-50 °C to + 120 °C	14mm-105mm	Drive of serve motor, stepping motor, electronic measurement and control system
98 Sh-A	Red	TPU	-30 °C to + 90 °C	-40 °C to + 120 °C	14mm-135mm	Servo motor, stepping motor, positioning, spindle, high load transmission
64 Sh-D	Green	TPU	-20 °C to + 110 °C	-30 °C to + 120 °C	55mm-105mm	Servo motor, stepping motor, positioning, spindle, high torsional rigid transmission

Curved Jaw Dimensions (mm):

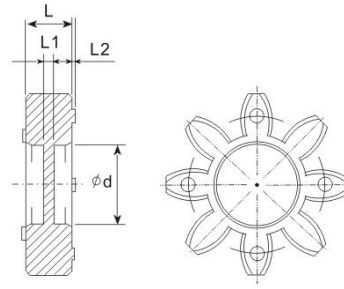
14 - 4 ~ 30 - 4



40 - 6



55 - 8 ~ 135 - 8



Part No.	L	L1	L2	Φd
14-4	6.1	6.1	0.5	-
20-4	8.2	1.0	0.5	7.9
25-4	10.3	4.3	0.6	8.2
30-4	10.0	1.6	1.0	10.9
40-6	12.2	3.4	1.5	18.2
55-8	14.0	4.0	1.5	26.6
65-8	15.0	4.6	2.0	30.0
80-8	18.6	5.6	2.0	38.0
95-8	20.7	5.7	2.0	46.8
105-8	21.4	6.4	2.5	51.0
120-8	22.0	4.8	2.7	59.8
135-8	26.0	5.6	2.7	67.5