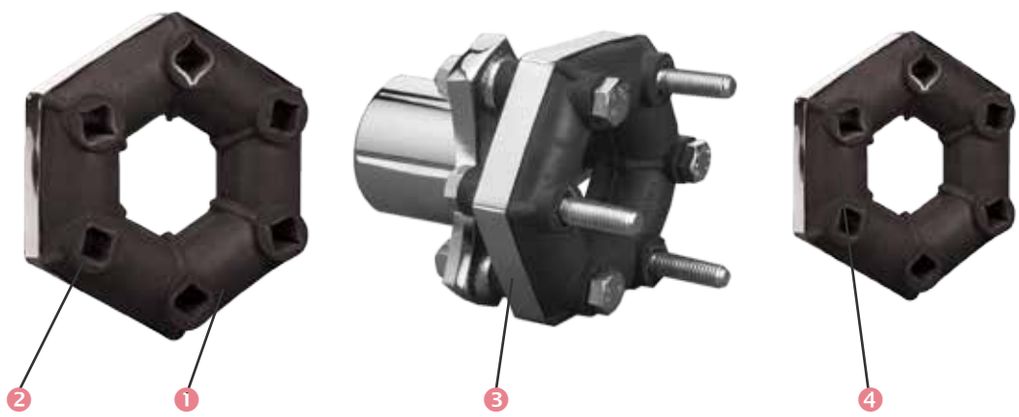
JUBOFLEX ®

*** Torsional flexibility	** Radial flexibility	*** Axial flexibility	*** Conical flexibility



DESCRIPTION

Flexible element

1. Precompressed natural rubber,
2. Bonded metal spacers,
3. Precompression band (to be removed after installation).

Flange

4. Die-cast steel (except 632320 which is cast-iron).

OPERATION

The JUBOFLEX coupling is designed with the following features :
- radial disassembly without moving the machines that are coupled;
- the flexible element is precompressed during assembly, which extends the range of operating conditions where the rubber is not subject to tension.

Advantages
- Highly effective attenuation of cyclic irregularities and peaks in the torque.
- Very safe in use and the precompression ensures very high resistance to oscillation.
- Tolerance to large misalignment: avoids the need for precise alignment of the machines to be coupled.

Recommendation
- In use, precompression is achieved by the fixing bolts, and the JUBOFLEX coupling operates wiThout the precompression band round the flexible element.

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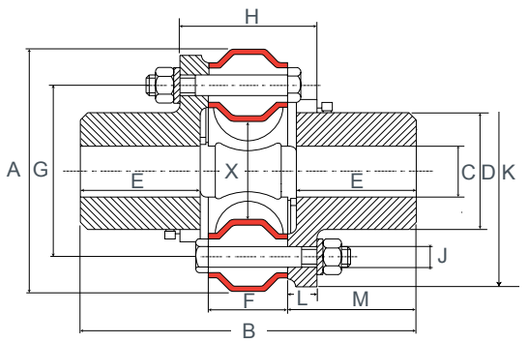
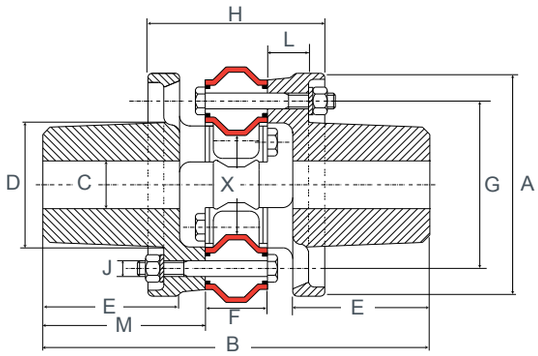
DIMENSIONS





Flanges supplied unbored

JUBOFLEX Steel flanges except 632320 **JUBOFLEX Cast-iron flanges : ref. 632320**

Ref.	Nominal torque (N.m)	Max torque (N.m)	Max speed (rpm)	Hole size C (mm)		A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	X* (mm)	Weight (kg)
				min	max													
632027	40	120	6 000		30	91	128	42	47	28	65	50	8	87	11	50	23	2
632023	90	270	5 000		40	117	172	56	66	32	85	60	10	113	14	70	35	3
632017	160	480	4 500		48	142	196	68	70	46	100	80	12	135	17	75	40	5
632029	250	750	3 500		60	181	247	90	93	51	132	93	14	172	21	98	63	12
632031	350	1 050	3 000		70	202	284	105	109	54	150	96	18	196	21	115	68	18
632043	500	1 500	2 800		75	232	322	115	124	62	170	108	20	225	23	130	75	25
632025	700	2 100	2 400		80	263	346	122	133	68	190	116	20	246	24	139	82	32
632320	1 200	3 600	2 400	60	100	280	486	156	172	78	210	222	20	-	52	204	110	57

* Diameter of passage in flexible element under the nominal torque.
1 N.m ≈ 0.1 mkg
Please see current price list for availability of items.

The maximum torque is considered to be an infrequent start-up torque and is not periodic.
For higher nominal torques see «JUBOFLEX 'S».

PARTS LIST

The flexible elements are delivered precompressed using a precompression band which should be removed after installation.

Coupling without protector Reference	Flexible element		Flange	
	Reference	Qty	Reference	Qty
632017	**632505**	1	**321334**	2
632023	**632503**	1	**321324**	2
632025	**632511**	1	**321364**	2
632027	**632502**	1	**321314**	2
632029	**632507**	1	**321344**	2
632031	**632508**	1	**321354**	2
632043	**632500**	1	**321374**	2
632320	632520*	1	321390	2

* This element has 8 mounting holes.

OPERATING CHARACTERISTICS

Nominal torque (N.m)	Vibratory coupling (N.m)	Torsion under NT (degrees)	Stiffness			
			Axial (Dan/Mm)	Radial (Dan/Mm)	Torsional (M.kn/Rad.)	Conical (M.kn/Rad.)
40	20	8	6	20	0,285	0,04
90	45	8	8	30	0,57	0,057
160	80	8	11	45	1,14	1,143
250	125	7	11,5	30	2,12	0,57
350	175	7	10	30	2,75	0,57
500	250	7	11	30	4,3	0,57
700	350	8	12	35	4,5	0,86
1 200	600	6,30	15	60	10,6	1,14

1 N.m ≈ 0,1 mkg **Please see current price list for availability of items.**