



## Table of Materials

No.	Part	Material
1	Main body	Polarized rubber
2	Lining	Nylon cord fabric
3	Frame	Hard steel wire
4	Flange	Forged steel

## Technical Condition

Model	KXT-(I)	KXT-(II)	KXT-(III)
Working pressure MPa(kg.f/cm <sup>2</sup> )	1.6(16)	1.0(10)	0.6
Bursting pressure MPa(kg.f/cm <sup>2</sup> )	4.8(48)	3.0(30)	1.8
Vacuity KPa(mmHg)	100(750)	66.6(500)	300
Applicable temp. °C	-10 ~ +80		
Applicable media	Air, Compressed air, water, sea water, weak acid, etc.		
Both ends of the joint can be arbitrary deflected for free adjustment of axial or lateral displacement.			

## Table of Main Parameters of Normal Core Diameter, Length, Displacement Value and Flange

Normal core diameter DN		Length L			No. of bolt n	Diameter of bolt hole d0(mm)	Diameter of bolt hole center circle D1 (mm)	Axial displacement (mm)		Lateral displacement (mm)	Angle of deflection ( $\alpha_1 + \alpha_2$ )
(mm)	(in.)	(mm)						Stretch	Compression		
32	(1 1/4)	150	130	95	4	18	100	6	9	9	15°
40	(1 1/2)	150	130	95	4	18	110	6	10	9	15°
50	2	150	130	105	4	18	125	7	10	10	15°
65	(2 1/2)	150	130	115	4	18	145	7	13	12	15°
80	(3)	150	130	135	8	18	160	8	15	12	15°
100	(4)	150	130	135	8	18	180	10	19	13	15°
125	(5)	150	130	165	8	18	210	12	19	13	15°
150	(6)	150	130	180	8	23	240	12	20	14	15°
200	(8)	150	130	205	8	23	295	16	25	22	15°
250	(10)	200	130	240	12	23	350	16	25	22	15°
300	(12)	200	130	260	12	23	400	16	25	22	15°
350	(14)	200	130	265	16	23	460	16	25	22	15°
400	(16)	200	130	265	16	27	515	16	25	22	15°
450	(18)	200	130	265	20	27	565	16	25	22	15°
500	(20)	200	130	265	20	27	620	16	25	22	15°
600	(24)	265	130	265	20	30	725	16	25	22	15°
700	(28)	260	130	260	24	30	840	16	25	22	10°
800	(32)	260	130	260	24	33	950	16	25	22	10°
900	(36)	260	130	260	28	33	1050	16	25	22	10°
1000	(40)	260	130	260	28	36	1160	16	25	22	10°
1200	(48)	260	130	260	32	39	1380	16	25	22	10°
1400	(56)	260	130	260	36	42	1590	16	25	22	10°
1600	(64)	260	130	260	40	48	1820	16	25	22	10°

450	422	320	102	537	627	175	51	565	565	20-28	20-M24	87/111
								585	585	20-31	20-M27	
500	480	360	128	592	696	175	64	620	620	20-28	20-M24	98/123
								650	650	20-34	20-M30	
600	562	420	151	706	821	210	70	725	725	20-31	20-M27	133/178
								770	770	20-37	20-M33	

\* DN700-DN1200 ARE AVAILABLE