Precision Universal Joints similar to DIN 808, Stainless Steel, with Needle-Roller Bearings

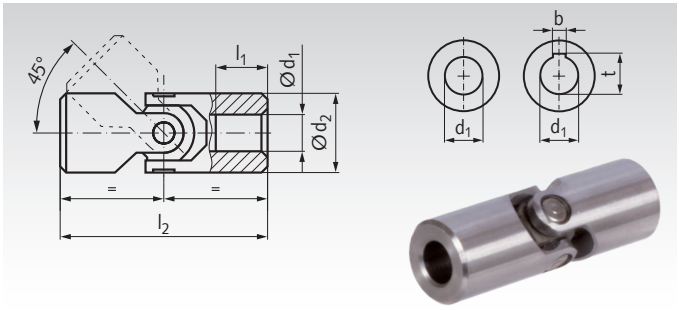
The needle-bearing universal joints have almost zero backlash, high accuracy and good turning properties. The combination of stainless steel body and standard needle bearings allows the use in applications where high speed and low backlash are required, even in demanding conditions. A special grinding process realizes a perfect parallelism of the axes and the single parts of the joints - which guarantees an extremely long service life.

Single, Precision Universal Joints WENR, Stainless Steel, with Needle-Roller Bearings

Material: Stainless steel 1.4301 (X5CrNi1810, AISI 304). Needle bearings from EN 10027-1 DC04 (1.0338) and 100Cr6.

Max. Operating Angle 45°.

Optionally without or with keyway DIN 6885-1, on both sides.



Ordering Details: e.g.: Product No. 631 991 22, Precision, Universal Joint WENR stainless, 10 mm Bores, without Keyway

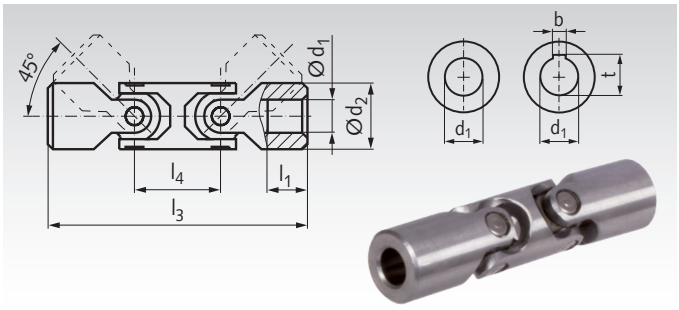
Product No. without keyway	Product No. with keyway	d_1^{H7} mm	d_2 mm	l_1 mm	l_2 mm	b^{JS9} mm	t mm	perm. max. Torques at different Speeds 250 min^{-1} Nm	1000 min^{-1} Nm	3600 min^{-1} Nm	Weight kg
631 991 22	**631 991 22N**	10	20	18	62	3	11,4	21,1	13,4	8,6	0,10
631 991 26	**631 991 26N**	14	25	20	74	5	16,3	32,6	23,0	17,3	0,18
631 991 32	**631 991 32N**	16	32	24	86	5	18,3	62	43,2	30,7	0,33
631 991 40	**631 991 40N**	20	40	30	108	6	22,8	134	96	62	0,71
631 991 50	**631 991 50N**	25	50	38	132	8	28,3	192	125	82	1,33
631 991 63	**631 991 63N**	30	63	45	166	8	33,3	288	221	134	2,78

Double, Precision Universal Joints WDNR, Stainless Steel, with Needle-Roller Bearings

Material: Stainless steel 1.4301 (X5CrNi1810, AISI 304). Needle bearings from EN 10027-1 DC04 (1.0338) and 100Cr6.

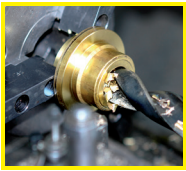
Max. Operating Angle 90°.

Optionally without or with keyway DIN 6885-1, on both sides.



Ordering Details: e.g.: Product No. 631 996 20, Precision Universal Joint WDNR stainless, 10 mm Bores, without Keyway

Product No. without keyway	Product No. with keyway	d_1^{H7} mm	d_2 mm	l_1 mm	l_3 mm	l_4 mm	b^{JS9} mm	t mm	perm. max. Torques at different Speeds 250 min^{-1} Nm	1000 min^{-1} Nm	3600 min^{-1} Nm	Weight kg
631 996 20	**631 996 20N**	10	20	18	88	26	3	11,4	21,1	13,4	8,6	0,14
631 996 26	**631 996 26N**	14	25	19	104	33	5	16,3	32,6	23,0	17,3	0,24
631 996 32	**631 996 32N**	16	32	24	125	39	5	18,3	62	43,2	30,7	0,52
631 996 40	**631 996 40N**	20	40	30	156	48	6	22,8	134	96	62	1,01
631 996 50	**631 996 50N**	25	50	37	188	59	8	28,3	192	125	82	1,63
631 996 63	**631 996 63N**	30	63	41	238	80	8	33,3	288	221	134	3,90



Reworking within 24h-service possible. Custom made parts on request.