

Precision Universal Joints similar to DIN 808 Stainless Steel 1.4301 (X5CrNi1810)

These single and double universal joints feature a simple design with very small tolerances and high precision and performance. These universal joints can be used at speeds up to max. 800 min⁻¹.

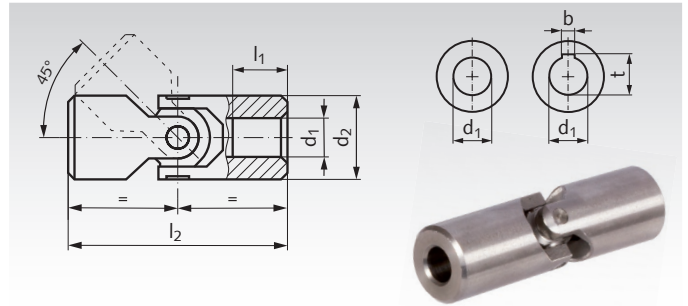
The torques of the stainless precision universal joints amount less of the standard steel version. At an operating angle of 45° only manual operation is possible.

Single Precision Universal Joints WER similar to DIN 808, Stainless

Material: Stainless steel 1.4301.

Max. Operating Angle 45°.

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



Ordering Details: e.g.: Product No. 631 992 15, Universal Joint WER, 6 mm Bores, without Keyway

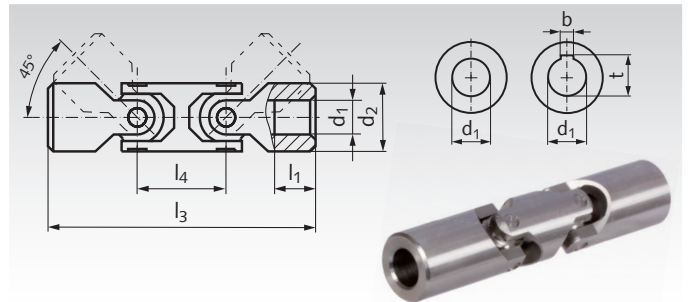
Product No. without keyway	Product No. with keyway	d ₁ ^{H7} mm	d ₂ mm	l ₁ mm	l ₂ mm	b ^{JS9} mm	t mm	perm. max. Torques at different Speeds			Weight kg
								100 min ⁻¹ Nm	400 min ⁻¹ Nm	800 min ⁻¹ Nm	
631 992 15	-	6	13	18	50	-	-	3,5	2,8	-	0,04
631 992 16	631 992 16N	8	16	19	58	2	9,0	7,0	4,0	2,7	0,06
631 992 20	631 992 20N	10	22	25	76	3	11,4	12,5	6,5	3,8	0,13
631 992 26	631 992 26N	12	25	29	86	4	13,8	21,5	8,5	6,0	0,23
631 992 29	631 992 29N	14	29	30	90	5	16,3	34,3	18,0	13,3	0,33
631 992 32	631 992 32N	16	32	30	95	5	18,3	43,3	28,8	18,0	0,42
631 992 37	631 992 37N	18	37	35	108	6	20,8	78	36	-	0,65
631 992 40	631 992 40N	20	40	32	108	6	22,8	120	48	-	0,75
631 992 47	631 992 47N	22	47	38	127	6	24,8	150	60	-	1,26
631 992 50	631 992 50N	25	50	44	140	8	28,3	192	72	-	1,52
631 992 57	631 992 57N	30	58	58	178	8	33,3	216	78	-	2,60

Double Precision Universal Joints WDR similar to DIN 808, Stainless

Material: Stainless steel 1.4301.

Max. Operating Angle 90°.

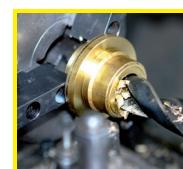
Optionally without or with keyway DIN 6885-1, on both sides.



Ordering Details: e.g.: Product No. 631 997 26, Universal Joint WDR, 12 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			Weight kg
									100 min ⁻¹ Nm	400 min ⁻¹ Nm	800 min ⁻¹ Nm	
631 997 26	631 997 26N	12	22	25	105	29	4	13,8	11,3	5,9	3,4	0,20
631 997 29	631 997 29N	14	25	29	119	33	5	16,3	19,4	7,7	5,4	0,30
631 997 32	631 997 32N	16	29	30	125	35	5	18,3	30,8	16,2	11,9	0,43
631 997 37	631 997 37N	18	32	30	134	39	6	20,8	38,9	25,9	16,2	0,56
631 997 40	631 997 40N	20	40	32	154	46	6	22,8	70	32	-	1,06
631 997 47	631 997 47N	22	40	38	173	46	6	24,8	108	43	-	1,16
631 997 50	631 997 50N	25	50	44	199	59	8	28,3	173	65	-	2,16
631 997 57	631 997 57N	30	58	58	244	66	8	33,3	194	70	-	3,48

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