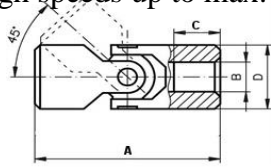




## UNIVERSAL JOINTS -PRECISION

Steel 35SMnPb10, Bearing Parts 18NiCrMo5Pb. These single and double universal joints feature a simple design with very small tolerances and high precision and performance. A special grinding process realizes a perfect parallelism of the axes and the single parts of the joints - this guarantees an extremely long service life. All contact surfaces are hardened, ground and lapped. These universal joints are used at high torques and high speeds up to max. 800 rpm.

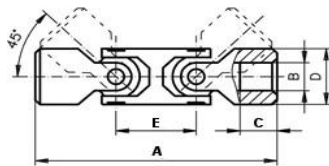
Also Available  
Optional Keyways, Custom Bores Sizes &  
Plastic Universal Joints



### SINGLE SIZES IN MM

PART#	B - H7	D	A	C	Permissible max. Torques in Nm at different speeds							Weight (kg)
					100 (Nm)	200 (Nm)	300 (Nm)	400 (Nm)	500 (Nm)	700 (Nm)	800 (Nm)	
UP6S	6	16	34	9	7	6,5	6	5,5	5	x	x	0,04
UP8S	8	16	40	11	14	10	9,5	8	7	6	5,4	0,04
UP10S	10	22	45	10	25	17	15	13	12	11	7,5	0,09
UP12S	12	25	50	11	43	25	21	17	16	13	12	0,20
UP14S	14	29	56	13	69	43	40	36	34	29	27	0,18
UP16S	16	32	65	15	87	84	72	58	52	41	36	0,33
UP18S	18	37	72	17	156	120	96	72	60	48	x	0,39
UP20S	20	40	82	19	240	168	120	96	84	60	x	0,54
UP22S	22	47	95	22	300	192	144	120	96	72	x	0,86
UP25S	25	50	108	26	400	250	175	150	125	x	x	1,31
UP30S	30	58	122	30	432	264	192	156	132	x	x	1,67
UP35S	35	70	140	35	456	300	228	174	144	x	x	2,76

Max. Operating Angle 45°



### DOUBLE

PART#	B - H7	D	A	E	C	Permissible max. Torques in Nm at different speeds							Weight (kg)
						100 (Nm)	200 (Nm)	300 (Nm)	400 (Nm)	500 (Nm)	700 (Nm)	800 (Nm)	
UP6D	6	16	61	27	-	6,3	5,8	5,4	4,9	4,5	x	x	0,07
UP8D	8	16	67	27	-	12,6	9	8,5	7,2	6,3	5,4	4,8	0,07
UP10D	10	20	75	30	-	22	15,3	13	11,7	10,8	9,9	6,7	0,08
UP12D	12	22	74	29	11	38	22	18	15	13	11	10	0,13
UP14D	14	25	85	33	13	61	38	35	32	30	25	23	0,19
UP16D	16	29	100	35	19	77	75	64	51	46	36	32	0,31
UP18D	18	32	112	39	20	140	108	86	64	54	43	x	0,44
UP20D	20	40	128	46	19	216	151	108	86	75	54	x	0,82
UP22D	22	40	145	48	25	270	172	129	108	86	64	x	0,94
UP25D	25	50	163	59	24	345	216	151	129	108	86	x	1,56
UP30D	30	58	182	66	28	388	237	172	140	118	x	x	2,43
UP35D	35	70	212	78	32	410	270	205	156	129	x	x	4,01
UP40D	40	80	245	95	38	453	203	237	194	x	x	x	6,55

Max. Operating Angle 90°