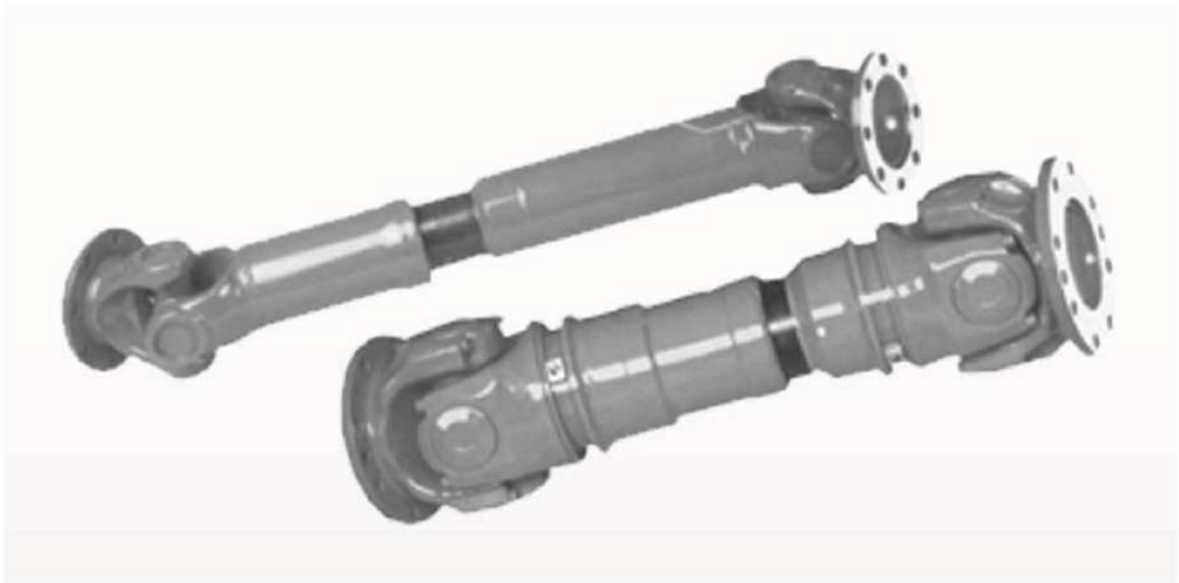




UNIVERSAL JOINTS COUPLINGS

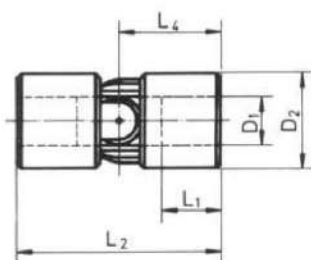
Precision universal joints with friction bearings (bracket version)

Technoex precision universal joints are top-quality products made of high-grade steel. All friction areas are hardened and polished. The bracket are mounted almost backlash-free.

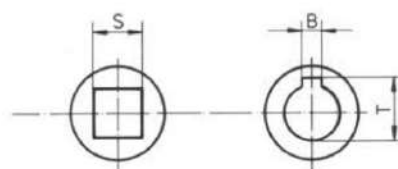
single



Size		Length			keyway Din 6885		square	weight
D_1 H7	D_2	L_1 -1	L_2 ± 1	L_4 ± 0.5	B P9	T +0.2	S	kg/piece
6	16	9	34	17	-	-	12	4X13.8
8	18	11	40	20	-	-	14	5X16.3
10	22	14	48	24	3	11.4	16	5X18.3
12	26	16	56	28	4	13.8	18	6X20.8
14	29	17	60	30	5	16.3	20	6X22.8
16	32	20	68	34	5	18.3	22	6X24.8
18	37	21	74	37	6	20.8	25	8X28.3
20	42	23	82	41	6	22.8	30	8X33.8
22	47	25	95	47.5	6	24.8	35	10X38.3
25	52	29	105	52.5	8	28.3	40	12X43.3
30	58	34	122	61	8	33.3	50	14X53.8



standard version : round
(shape E)



square
(V)

keyway
(N)

Order sample :

Cross-section	version round	version round	version N	version N	version V	version V	version round	version N	version round	version V	version N	version V
designations												
for shape E	universal joint LAS-E25x52-G		universal joint LAS-EN25x52-G		universal joint LAS-EV25x52-G		universal joint LAS-E25xN25x52-G		universal joint LAS-E25xV25x52-G		universal joint LAS-E25xV25x52-G	

Explanation : D_1 = 25 mm, D_2 = 52 mm, N = keyway B 8 mm x T 28, 3 mm, V = square S 25 mm

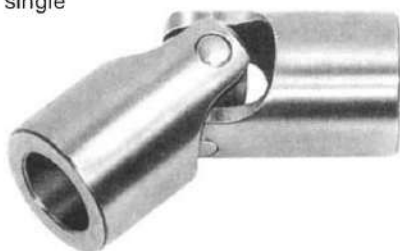
Abbreviations : E = single, LAS = joint with bracket version, N = keyway, square

When drilling the pin holes for Technoex universal joints, it is important to make sure that the brackets are not damaged.

Precision universal joints with friction bearings DIN 808-G (previously DIN 7551)

Technoex precision universal joints are top-quality products made of high-grade steel. All friction areas are hardened and friction polished. The joint components are assembled almost backlash-free.

single

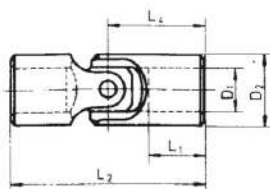


double

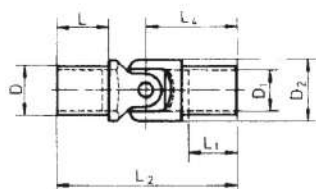


Size		Length			keyway Din 6885		square	shape EB		weight
D ₁	D ₂	L ₁	L ₂	L ₄	B	T	S	D	L	kg/piece »
H7		-1	±1	±0.5	P9	+0.2		h7	-1	
6	10	14	40	20	-	-	-	-	-	0.014
8	13	13	42	21	2	9.0	6	10	12	0.024
10	16	17	52	26	3	11.4	8	13	15	0.047
12	20	20	62	31	4	13.8	10	16	18	0.089
16	25	23	74	37	5	18.3	14	20	22	0.160
20	32	25	86	43	6	22.8	19	25	25	0.310
25	40	32	108	54	8	28.3	24	32	32	0.625
32	50	41	132	66	10	35.3	30	40	40	1.200
40	63	47	166	83	12	43.3	36	50	50	2.400

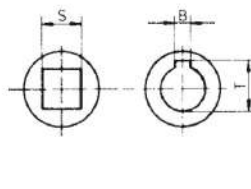
Size		Length			keyway Din 6885		square	shape DB		weight
D ₁	D ₂	L ₁	L ₂	L ₄	B	T	S	D	L	kg/piece »
H7		-1	±1	±0.5	P9	+0.2		h7	-1	
8	13	13	60	21	2	9.0	6	10	12	0.035
10	16	17	74	26	3	11.4	8	13	15	0.068
12	20	20	88	31	4	13.8	10	16	18	0.130
16	25	23	104	37	5	18.3	14	20	22	0.237
20	32	25	124	43	6	22.8	19	25	25	0.463
25	40	32	156	54	8	28.3	24	32	32	0.920
32	50	41	188	66	10	35.3	30	40	40	1.800
40	63	47	236	83	12	43.3	36	50	50	3.500



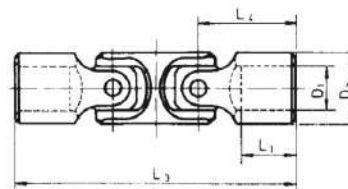
standard version : round
(shape E)



standard version : round
(shape EB)



square keyway
(V) (N)



standard version : round
(shape D)

Order sample :

Cross-section	version round	version round	version N	version N	version V	version V	version round	version N	version round	version V	version N	version V
designations												
for shape E	universal joint DIN808-E25x40-G		universal joint DIN808-EN25x40-G		universal joint DIN808-EV24x40-G		universal joint DIN808-E25xN25x40-G		universal joint DIN808-E25xV24x40-G		universal joint DIN808-EN25xV24x40-G	
for shape EB	universal joint EB25x32x40											
for shape D	universal joint DIN808-DN25x40-G		universal joint DIN808-DN25x40-G		universal joint DIN808-DV24x40-G		universal joint DIN808-D25xN25x40-G		universal joint DIN808-D25xV24x40-G		universal joint DIN808-DN25xV24x40-G	
for shape DB (without illustration)	universal joint DB25x32x40-G											

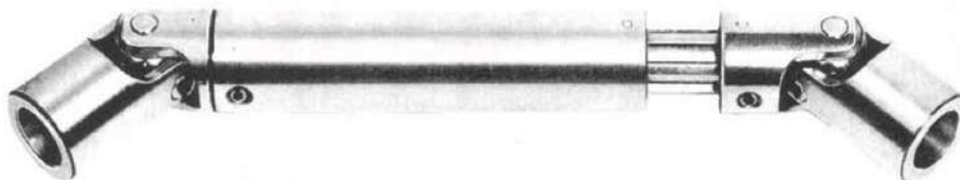
Explanation : D₁ = 25 mm, D₂ = 40 mm, D 32 mm, N = keyway B 8 mm x T 28, 3 mm, V = square S 24 mm

Abbreviations : E = single, EB = single + version, D = double, DB = double + special version, N = keyway, V = square

Technoex universal joints are also available as unhardened, unpolished, less expensive standard versions with greater backlash (UNGG).

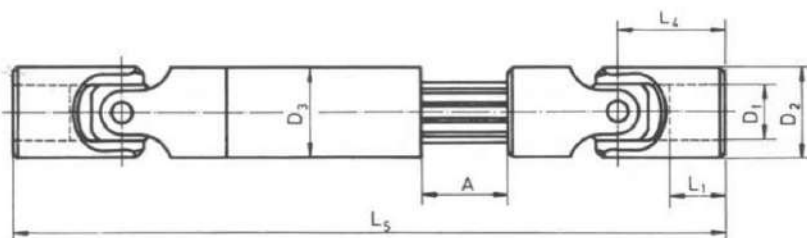
Precision shaft joints-extendable with DIN 808-G universal joints

Technoex precision shaft joints are top-quality products made of high-grade steel. The universal joints are hardened and friction polished. The joint parts are assembled almost backlash-free. The universal joints are also available with brackets.

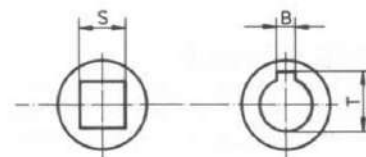


Size			Length		$L_{\min}$ $L_5 - A$	Teles- cope A	$L_{\max}$ L_5 ± 1	Splined shaft Prole DIN ISO 14	keyway Din 6885		square S	weight kg/piece
D_1 H7	D_2	D_3	L_1 -1	L_4 ± 0.5					B P9	T +0.2		
8	13	13.0	13	21	130	40	170	With square	2	9.0	6	0.100
10	16	19.5	10	20	150	50	200	6x11x14	3	11.4	8	0.234
12	20	19.5	13	24	190	60	250	6x11x14	4	13.8	10	0.341
16	25	26.5	23	37	230	70	300	6x13x16	5	18.3	14	0.657
20	32	31.5	25	43	270	80	350	6x16x20	6	22.8	19	1.214
25	40	39.5	32	54	400	100	500	6x21x25	8	28.3	24	2.500
32	50	51.5	41	66	500	150	650	6x26x32	10	35.3	30	5.350
40	63	59.5	47	83	550	200	750	8x32x38	12	43.3	36	8.780
40	75	59.5	43	80	570	200	770	8x32x38	12	43.3	36	11.230
50	90	79.5	52	95	700	200	900	8x42x48	14	53.8	-	21.600

Intermediate lengths are also possible. Please contact us for further details



standard version : round



square
(V)

keyway
(N)

Order sample (for intermediate lengths also specify $L_{\min}$ and $L_{\max}$) :

Cross-section	version round	version round	version N	version N	version V	version V	version round	version N	version round	version V	version N	version V
												
designations	shaft joint GW-25x40-G		shaft joint GW-N25x40-G		shaft joint GW-V24x40-G		shaft joint GW-25xN25x40-G		shaft joint GW-25xV24x40-G		shaft joint GW-N25xV24x40-G	

Explanation : $D_1 = 25$ mm, $D_2 = 52$ mm, N = keyway B 8 mm x T 28, 3 mm, V = square S 25 mm

Abbreviations : GW = shaft joint, N = keyway, V = square $L_{\min}$ = contracted, $L_{\max}$ = extended

Technoex precision shaft joints are marked during assembly. When putting the shaft joint together again, make sure that the markings on both halves of the joint are opposite to each other.