GN 808.3

Universal joint shafts with needle bearing

with longitudinal compensation

SPECIFICATION

Bore codes

- Version **K**: with keyway

Steel
blank

Joint bearing areas, pins
case hardened

INFORMATION

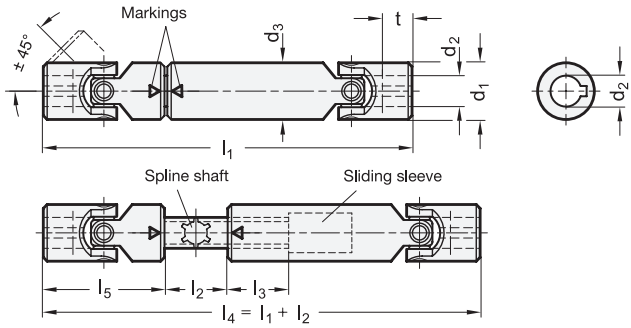
Universal joint shafts with needle bearing GN 808.3 not only join the offset between two shafts, but also enable the alignment of lengths, which depending on the overall length l1 enables the corresponding extraction length l2. The power transmission is achive-bed by two universal joints DIN 808 (type EW) (see page 1126) a splined shaft and a sliding sleeve . It is important to check the accuracy when connecting the splined shaft to the sliding sleeve. The markings -> <- have to be opposite to each other. Any kind of misconnection leads to an inhomogeneous output and to a quick abrasion.

ON REQUEST

- different length l_1 - l_2
- Bores without keyway
- Bores with square
- with other or unequal bores

TECHNICAL INFORMATION

- Permissible r.p.m. and torque (see page 1125)
- Keyway DIN 6885 (see page A16)
- Cross holes GN 110 (see page A17)
- ISO-Fundamental Tolerances (see page A21)



GN 808.3

Description	d1	d2 H7	l1-l2	d3	l3	l5	t +1	⚖
GN 808.3-22-K10-140-30	22	K 10	140-30	22	30	48	12	320
GN 808.3-22-K10-160-40	22	K 10	160-40	22	30	48	12	360
GN 808.3-22-K10-180-60	22	K 10	180-60	22	30	48	12	395
GN 808.3-25-K12-160-30	25	K 12	160-30	26	40	56	13	500
GN 808.3-25-K12-180-45	25	K 12	180-45	26	40	56	13	510
GN 808.3-25-K12-200-70	25	K 12	200-70	26	40	56	13	563
GN 808.3-25-K12-250-105	25	K 12	250-105	26	40	56	13	755
GN 808.3-28-K14-170-30	28	K 14	170-30	29	40	60	13	627
GN 808.3-28-K14-200-60	28	K 14	200-60	29	40	60	13	730
GN 808.3-28-K14-220-80	28	K 14	220-80	29	40	60	13	804
GN 808.3-28-K14-280-140	28	K 14	280-140	29	40	60	13	972
GN 808.3-32-K16-190-30	32	K 16	190-30	32	40	68	16	910
GN 808.3-32-K16-240-80	32	K 16	240-80	32	40	68	16	1106
GN 808.3-32-K16-275-115	32	K 16	275-115	32	40	68	16	1250
GN 808.3-32-K16-380-210	32	K 16	380-210	32	40	68	16	1640

GN 808.3

Description	d1	d2 H7	l1-l2	d3	l3	l5	t +1	⚖
GN 808.3-36-K18-230-50	36	K 18	230-50	37	40	74	17	1355
GN 808.3-36-K18-270-100	36	K 18	270-100	37	40	74	17	1575
GN 808.3-36-K18-290-110	36	K 18	290-110	37	40	74	17	1900
GN 808.3-36-K18-400-220	36	K 18	400-220	37	40	74	17	2241
GN 808.3-42-K20-250-50	42	K 20	250-50	42	45	82	18	1947
GN 808.3-42-K20-320-120	42	K 20	320-120	42	45	82	18	2480
GN 808.3-42-K20-420-220	42	K 20	420-220	42	45	82	18	3130
GN 808.3-45-K22-270-50	45	K 22	270-50	47	50	95	22	2540
GN 808.3-45-K22-330-100	45	K 22	330-100	47	50	95	22	3060
GN 808.3-45-K22-470-240	45	K 22	470-240	47	50	95	22	4140
GN 808.3-50-K25-295-50	50	K 25	295-50	52	50	108	26	3375
GN 808.3-50-K25-350-100	50	K 25	350-100	52	50	108	26	3940
GN 808.3-50-K25-420-170	50	K 25	420-170	52	50	108	26	4680
GN 808.3-58-K30-330-50	58	K 30	330-50	58	60	122	29	4900
GN 808.3-58-K30-400-110	58	K 30	400-110	58	60	122	29	5800