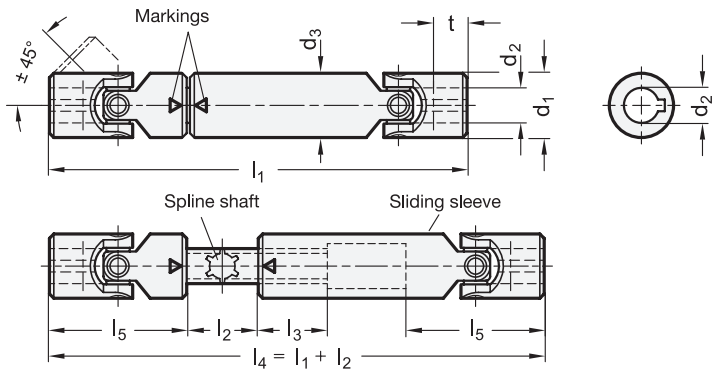
Universal Joint Shafts with Friction Bearing

Steel, with Longitudinal Compensation



2 Bore code

K With keynut DIN 6885-1 JS9

1 d_1	d_2 H7 Bore	4 l_1 - l_2						d_3	l_3 Guide length	l_5	t +1 max. assembly length of the shaft
22	K 10	140-30	160-40	180-60	230-100	-	-	22	30	48	12
25	K 12	160-30	180-45	200-70	250-105	300-150	-	26	40	56	13
28	K 14	170-30	200-60	220-80	280-140	350-200	400-250	29	40	60	13
32	K 16	190-30	210-40	240-80	275-115	380-210	400-230	32	40	68	16
36	K 18	230-50	270-100	290-110	400-220	500-320	-	37	40	74	17
42	K 20	250-50	290-90	320-120	420-220	500-300	-	42	45	82	18
45	K 22	270-50	330-100	470-240	-	-	-	47	50	95	22
50	K 25	295-50	350-100	420-170	500-245	-	-	52	50	108	26
58	K 30	330-50	370-85	400-110	500-220	-	-	58	60	122	29

Specification

Steel

- Plain
- Joint bearing areas / pins / bearing sleeves Case-hardened

RoHS

On request

- Different lengths l_1 - l_2
- Bores without keyway
- Bores with square
- Bores with hexagon
- With other or unequal bores
- Version in stainless steel (Friction bearing not rustproof)

Universal joint shafts with friction bearing GN 808.2 not only join the offset between two shafts, but also enable the alignment of lengths, which depending on the overall length l_1 enables the corresponding extraction length l_2. The power transmission is achieved by two universal joints DIN 808 (type EG) a spline shaft and a sliding sleeve.

It is important to check the accuracy when connecting the spline 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.

see also...	Page
DIN 808 Universal Joints with Friction Bearing	QVX
GN 808.3 Universal Joint Shafts with Needle Bearing	QVX

Technical Information	
Permissible r.p.m. and torque / Determining the size	QVX
Mounting Information	QVX
Keyways DIN 6885-1	QVX
Cross holes GN 110.1	QVX
ISO Fundamental Tolerances	QVX

How to order

1 2 3 4

GN 808.2-50-K25-350-100

1	d_1
2	Bore code
3	d_2
4	l_1 - l_2