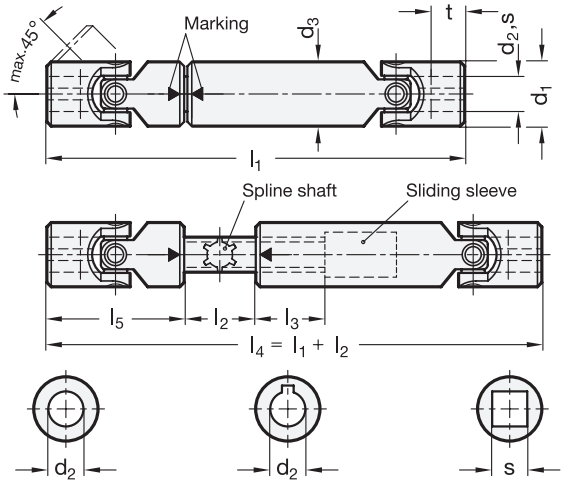
Universal joint shafts with friction bearing

with longitudinal compensation



2 Bore code

B without keyway
K with keyway
V with square

1 d_1	3 d_2 H7 Bore		3 s H11 Square	4 l_1 - l_2				d_3	l_3 Guide length	l_5	t +1 max. assembly length of the shaft	
22	K 10	B 10*	V 10*	140-30	160- 40	180- 60	-	22	30	48	12	Permissible r.p.m. and torque → *Page 936*
22*	K 12	B 12	-	140-30	160- 40	180- 60	-	22	30	62	18	
25	K 12	B 12*	V 12*	160-30	180- 45	200- 70	250-105	26	40	56	13	
25*	K 16	B 16	-	160-30	180- 45	200- 70	250-105	26	40	74	21	
28	K 14	B 14*	V 14*	170-30	200- 60	220- 80	280-140	29	40	60	13	
32	K 16	B 16*	V 16*	190-30	240- 80	275-115	380-210	32	40	68	16	
32*	K 20	B 20	-	190-30	240- 80	275-115	380-210	32	40	86	24	
36	K 18	B 18*	V 18*	230-50	270-100	290-110	400-220	37	40	74	17	
42	K 20	B 20*	V 20*	250-50	320-120	420-220	-	42	45	82	18	
42*	K 25	B 25	-	250-50	320-120	420-220	-	42	45	108	31	
45	K 22	B 22*	V 22*	270-50	330-100	470-240	-	47	50	95	22	
50	K 25	B 25*	V 25*	295-50	350-100	420-170	-	52	50	108	26	
50*	K 30	B 30	-	295-50	350-100	420-170	-	52	50	132	38	
58	K 30	B 30*	V 30*	330-50	400-110	-	-	58	60	122	29	

* not availble from stock, requires a minimum order quantity

Specification

- Steel blank
- Joint bearing areas / pins / bearing sleeves case hardened
- *Keyway JS9 DIN 6885 → Page 1124*
- *Cross holes GN 110 → Page 1127*
- *ISO-Fundamental Tolerances → Page 1132*
- RoHS compliant

On request

- different lengths l_1 - l_2
- with other or unequal bores

Information

Universal joint shafts with friction bearing GN 808.2 do not only bridge the misaligenment of two shafts, but at the same time they offer a length compensation. The power transmission is achiev-bed by two universal joints DIN 808 (type EG) a splined shaft and a sliding sleeve.

It is important to check the accuracy when connec-ting 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.

How to order

1 2 3 4
GN 808.2-50-K25-350-100

1	d_1
2	Bore code
3	d_2 (s)
4	l_1 - l_2