



2 Bore code
K With keyway

1 d_1	3 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	Permissible r.p.m. / torque / Determining of the size → Page 1645
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	400-110	-	-	-	-	58	60	122	29	

Specification

- Steel Plain
- Joint bearing areas, pins Case-hardened
- Keyway JS9 DIN 6885 → Page 2078
- Cross Holes GN 110.1 → Page 2081
- ISO Fundamental Tolerances → Page 2151
- 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 (needle bearing not rustproof)

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 l_1 enables the corresponding extraction length l_2 . The power transmission is achieved by two universal joints DIN 808 (Type EW) 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 mis-connection leads to an inhomogeneous output and to a quick abrasion.

see also...

- Universal Joints with Friction Bearing GN 808.2 → Page 1648

How to order		1 d_1
		2 Bore code
GN 808.3-32-K 16-240-80		3 d_2
		4 $l_1 - l_2$

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9