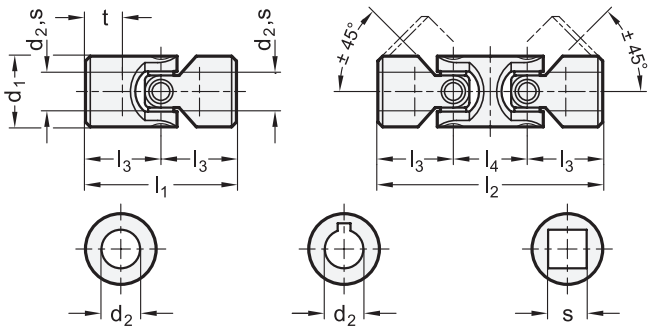
Stainless Steel-Universal joints with friction bearing

single or double



Inox Stainless Steel

2 Bore code

B without keyway
K with keyway
V with square

5 Type

EG single, friction bearing
DG double, friction bearing

1 d_1	3 d_2 H7 Bore	3 **s** H10 Square	4 l_1 Type EG	4 l_2 Type DG	l_3	l_4	**t** +1 max. assembly length of the shaft
16	6	V 6*	34	56	17	22	8
16	8	V 8*	40	62	20	22	11
22	10	V 10*	48	74	24	26	12
25	12	V 12*	56	86	28	30	13
32	16	V 16*	68	105	34	37	16
42	20	V 20*	82	128	41	46	18
50	25	V 25*	108	163	54	55	26

* not available from stock, requires a minimum order quantity

Specification

6

- Stainless Steel AISI 304 **NI**
- *Keyway JS9 DIN 6885 → Page 1420*
- *Cross holes GN 110.1 → Page 1422*
- *ISO-Fundamental tolerances → Page 1479*
- *Stainless Steel characteristics → Page 1489*
- RoHS

On request

- with other or unequal bores

Information

Since the moveable parts are not surface treated, i.e. not case hardened, the possibilities of application of these universal joints are much more limited compared to the ones made of standard steel. Therefore, the guide lines for the selection of universal joints with friction bearing → *Page 1142* according to the diagram may be applied at **a limited extent only**. Rotational speeds over 200 min may become critical.

For continuous use of the Stainless Steel-Universal joints, ample lubrication is very important. This achieved by fitting the joint with a grease filled gaiter GN 808.1 → *Page 1151*.

The order example refers to universal joints with equal bores both ends d_2 and s.

How to order

1 2 3 4 5 6
DIN 808-32-B 16-105-DG-NI

1	d_1
2	Bore code
3	d_2 (s)
4	l_2 (l_1)
5	Type
6	Material