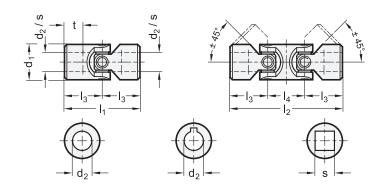
Universal Joints with Friction Bearing

Stainless Steel, Single or Double Jointed









Bore code

- Without keyway
- With keyway
- With square

Type

- EG Single jointed, friction bearing
- DG Double jointed, friction bearing

U	3	3	4	4		Dimensions in: millimeters - inches	
d ₁	d₂ H7 Bore	S H10 Square	I ₁ Type EG	I ₂ Type DG	l ₃	14	t +1 Max. assembly length of the shaft
16 0.63	6	V 6*	34 1.34	56 2.20	17 0.67	22 0.87	8 0.31
16 0.63	8	V 8*	40 1.57	62 2.44	20 0.79	22 0.87	11 0.43
22 0.87	10	V 10*	48 1.89	74 2.91	24 0.94	26 1.02	12 0.47
25 0.98	12	V 12*	56 2.20	86 3.39	28 1.10	30 1.18	13 <i>0.51</i>
32 1.26	16	V 16*	68 2.68	105 4.13	34 1.34	37 1.46	16 0.63
42 1.65	20	V 20*	82 3.23	128 5.04	41 1.61	46 1.81	18 <i>0.71</i>
50 1.97	25	V 25*	108 4.25	163 6.42	54 2.13	55 2.17	26 1.02

^{*} Not available from stock, requires a minimum order quantity

Specification

Metric table



NI

 Body Stainless steel AISI 304

RoHS compliant

On request

- · Bores with square
- · Other or unequal bores

Information

Since the moveable parts of DIN 808 universal joints with friction bearing are not surface treated, i.e. not case-hardened, the possible applications are much more limited compared to the ones made of steel. Therefore, the guidelines for the selection of universal joints with friction bearing may be applied at a limited extent only. RPM over 200 may become critical.

For stainless steel universal joints, ample lubrication is especially important. This can be achieved by fitting the joint with a grease filled GN 808.1 cover boot.

The "How to order" example refers to universal joints with equal bores d₂ or s at both ends.

see also...

- Mounting Information
- Permissible RPM and Torques / Determining the Size
- Universal Joints with Friction Bearing DIN 808 (Steel, Plain Finish)
- Cover Boots for Universal Joints GN 808.1

How to order	Outside diameter d ₁	
	Bore code	
	Bore d	₂ (s)
	Length	I ₂ (I ₁)
1 23 4 5 6	Type	
DIN 808-32-B16-105-DG-NI	Materia	al