



SS Stainless Steel

2 Bore code

- B Without keyway
- K With keyway
- V\* With square

5 Type

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

Metric table

1 d <sub>1</sub>	3 d <sub>2</sub> H7 Bore	3 s H10 Square	4 l <sub>1</sub> Type EG	4 l <sub>2</sub> Type DG	l <sub>3</sub>	l <sub>4</sub>	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 0.51
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 0.71
50 1.97	25	V 25*	108 4.25	163 6.42	54 2.13	55 2.17	26 1.02

Dimensions in: millimeters - inches

\* Not available from stock, requires a minimum order quantity

Specification

- Body  
Stainless steel AISI 304
- RoHS compliant

6 NI

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 d<sub>2</sub> 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

On request

- Bores with square
- Other or unequal bores

<p>How to order</p> <p>1 2 3 4 5 6</p> <p><b>DIN 808-32-B16-105-DG-NI</b></p>	1 Outside diameter d <sub>1</sub>
	2 Bore code
	3 Bore d <sub>2</sub> (s)
	4 Length l <sub>2</sub> (l <sub>1</sub> )
	5 Type
	6 Material