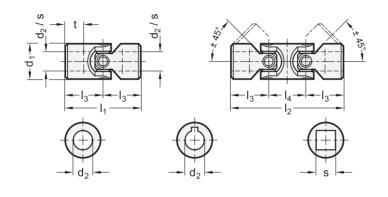
DIN 808







- κ With keyway ۷* With square

5 Type

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

Metric table

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

* Not available from stock, requires a minimum order quantity

Specification

- Body
- Stainless steel AISI 304
- Keyways JS9 DIN 6885 Page 1 → page 2040
- Cross Holes GN 110.1 → page 2043
- ISO Fundamental Tolerances → page 2129
- Stainless Steel Characteristics → page 2143
- RoHS compliant

On request

• Other or unequal bores

Information

6

NI

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 \rightarrow page 1724 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 → page 1735.

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

see also ...

- Mounting Information → page 1723
- Permissible RPM and Torques / Determining the Size → page 1724
- Universal Joints with Friction Bearing DIN 808 (Steel, Plain Finish) → page 1726
- Cover Boots for Universal Joints GN 808.1 → page 1735

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