



- 4 Type**
- A Without pin
 - KL Pin with KL circlip
 - SL Pin with SL circlip

Metric table

Dimensions in: millimeters - inches

1 d ₁ H9/h11 Bore	2 l ₁		3 d ₂ Thread	a	b	d ₃	l ₂		l ₃		l ₄	A/F	Static load F _A
	Short	Long					Short	Long	Short	Long			
5 0.20	10 0.39	20 0.79	M 5	10 0.39	5 0.20	9 0.35	20 0.79	30 1.18	26 1.02	36 1.42	4 0.16	7 0.28	800 N 180 lbf
6 0.24	12 0.47	24 0.94	M 6	12 0.47	6 0.24	10 0.39	24 0.94	36 1.42	31 1.22	43 1.69	5.5 0.22	9 0.35	2400 N 540 lbf
8 0.31	16 0.63	32 1.26	M 8	16 0.63	8 0.31	14 0.55	32 1.26	48 1.89	42 1.65	58 2.28	8 0.31	12 0.47	3400 N 764 lbf
10 0.39	20 0.79	40 1.57	M 10	20 0.79	10 0.39	18 0.71	40 1.57	60 2.36	52 2.05	72 2.83	11.5 0.45	16 0.63	6000 N 1349 lbf
12 0.47	24 0.94	48 1.89	M 12	24 0.94	12 0.47	20 0.79	48 1.89	72 2.83	62 2.44	86 3.39	14 0.55	18 0.71	14000 N 3147 lbf

Specification

- Steel
 - Property class 5
 - Zinc plated, blue passivated finish
- Circlips
 - Spring steel
 - Hardened and tempered
 - Zinc plated, blue passivated finish
- ISO Fundamental Tolerances → page QVX
- RoHS compliant

Information

GN 751.1 clevis fork joints basically correspond to the clevis fork head of DIN 71752 (type A), but, unlike the DIN part, they have a rotating shaft and an additional pin with circlip (type KL or SL), which can be assembled and disassembled without tools.

The rotating shaft allows non-dynamic radial movements to be compensated, movements which may occur e.g. when using cable winches. Also, there is no need for the alignment of joint heads during assembly.

see also...

- Clevis Fork Joints GN 751 (Steel) → page QVX
- Clevis Fork Joints GN 751 (Stainless Steel) → page QVX
- Clevis Fork Joints GN 751 (Aluminum) → page QVX

How to order	
1	Bore d ₁
2	Length l ₁
3	Thread d ₂
4	Type

1 2 3 4
GN 751.1-6-24-M6-KL

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10