



4 Type
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
	Short	Long					Short	Long	Short	Long	
4 0.16	8 0.31	16* 0.63	M 4	8 0.31	4 0.16	8 0.31	16 0.63	24 0.94	21 0.83	29 1.14	6 0.24
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	7.5 0.30
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	9 0.35
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	12 0.47
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	15 0.59
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	18 0.71
14 0.55	28 1.10	56* 2.20	M 14	28 1.10	14 0.55	24 0.94	56 2.20	85 3.35	72 2.83	101 3.98	22.5 0.89
16 0.63	32 1.26	64* 2.52	M 16	32 1.26	16 0.63	26 1.02	64 2.52	96 3.78	83 3.27	115* 4.53	24 0.94

* Not available from stock, requires a minimum order quantity

Specification

- Fork body / pin
Aluminum
Black anodized finish
- Circlips
Spring steel
- Hardened and tempered
- Zinc plated, blue passivated finish
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

5

AL

Information

GN 751 clevis fork joints are mainly used with pneumatic or hydraulic cylinders. They consist of a clevis fork head according to DIN 71752 and a pin with circlip (type KL or SL). Type KL is a "single" shaft safety retaining clip; only one side secures the pin in place (and therefore if bumped in the wrong way, may slip out of place). Type SL is a "double" shaft safety retaining clip; both sides are raised to secure the pin from both directions. To remove this shaft safety retaining clip you must pull up on the spring sheet metal. The fork head and pin are anodized for longer wear.

see also...

- Types of Fork Joint Pins → page 1745
- Clevis Fork Joints GN 751 (Steel) → page 1744
- Clevis Fork Joints GN 751 (Stainless Steel) → page 1746
- Joint Pieces GN 752 (Steel, for GN 751 Clevis Fork Joints) → page 1750

How to order (Clevis fork joint)	1 Bore d ₁
	2 Length l ₁
	3 Thread d ₂
	4 Type
	5 Material
1 2 3 4 5 GN 751-8-16-M8-SL-AL	
How to order (Clevis fork head)	1 Bore d ₁
	2 Length l ₁
	3 Thread d ₂
	5 Material
	1 2 3 5 DIN 71752-12-24-M12-AL

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10