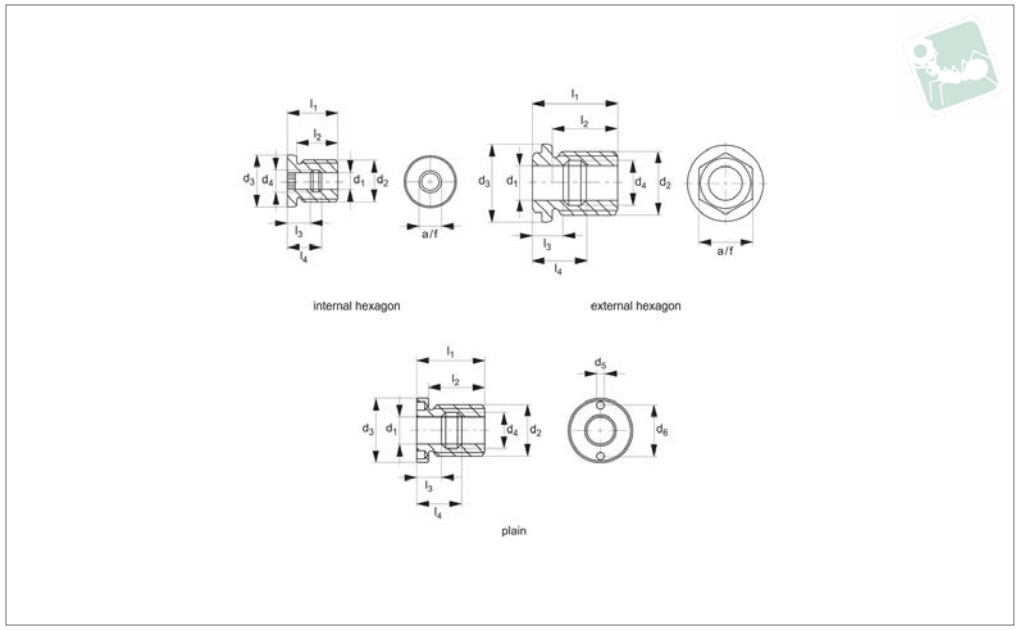


LA1310

Material
Body: stainless steel 1.4305. (AISI 303).

Technical Notes
For quick and safe location of single acting ball lock pins - especially in soft materials such as aluminium, or in thin walled components.
Can be used from both sides. Optimised centering due to precision collar on bush.

Important Notes
l_5 and l_6 refer to depths of ball locating recess when bush is installed flange collar up, or flange collar inverted (see diagram below).
Use pin face spanner with 5mm pin to install pin mount bushings.

Order No.	Type	d_1 tol. H11	d_2	d_3 tol. h9	d_4	d_5	d_6	Weight g
LA1310.M05-12-S	Int Hex	5	M12	18	6.0	-	-	15
LA1310.M06-12-S	Int Hex	6	M12	18	7.5	-	-	13
LA1310.M08-16-S	Int Hex	8	M16	22	10.0	-	-	29
LA1310.M10-24-S	Int Hex	10	M24	30	12.5	-	-	75
LA1310.M12-24-S	Int Hex	12	M24	30	15.0	-	-	66
LA1310.M16-30-S	Ext Hex	16	M30	36	19.5	-	-	124
LA1310.M20-36-S	Ext Hex	20	M36	45	25.5	-	-	208
LA1310.M25-42-S	Ext Hex	25	M42	50	32.0	-	-	415
LA1310.M16-31-S	Plain	16	M30	39	19.5	5.1	30	160
LA1310.M20-37-S	Plain	20	M36	43	25.5	5.1	30	257
LA1310.M25-43-S	Plain	25	M42	50	32.0	5.1	36	434

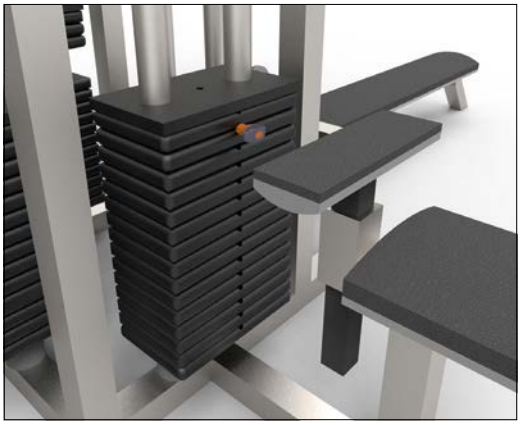
Order No.	l_1	l_2	l_3	l_4	l_5	l_6	A/F
LA1310.M05-12-S	19	15	9.0	13.0	5.1	9.0	5
LA1310.M06-12-S	19	15	9.4	13.0	5.6	8.8	6
LA1310.M08-16-S	25	20	12.0	17.0	7.3	11.7	8
LA1310.M10-24-S	29	24	13.5	19.5	8.9	14.1	10
LA1310.M12-24-S	29	24	14	20	9.6	14.4	12
LA1310.M16-30-S	39	29	15.5	23.5	6.1	12.8	24
LA1310.M20-36-S	49	38	17.5	31.5	7.7	19.3	30
LA1310.M25-42-S	65	50	26.5	38.5	13.3	21.8	36
LA1310.M16-31-S	39	33	15.5	23.5	10.4	16.6	-
LA1310.M20-37-S	49	42	17.5	31.5	11.9	23.1	-
LA1310.M25-43-S	65	57	26.5	38.5	13.3	21.8	-

Locating Bushes
for ball lock pins

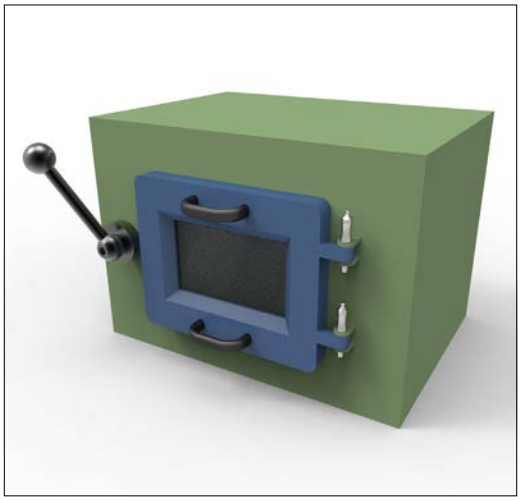
Sound Rigging Systems

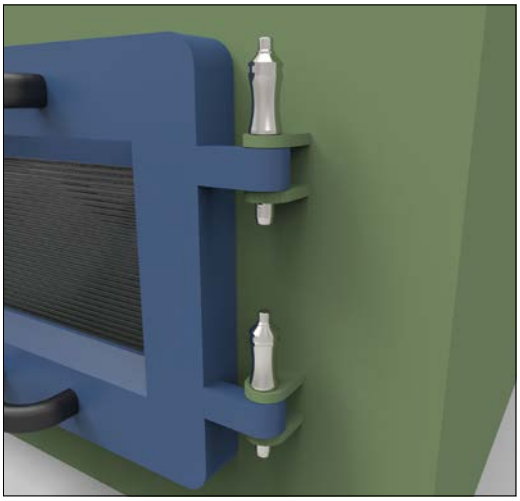
Ball lock pins on a sound rigging system. Offering secure fixing with high shear forces and easy fitting for operators at heights.

In addition full black powder coating of grip and actuation button eliminates glare from other stage lighting.



Gym Equipment





Scientific and Medical

Teknipart AN ESSENTRA COMPANY
0333 207 9969
info@teknipart.co.uk

Wixroyd Ball Lock Pins

features

Pin Material

1.4305 (AISI 303) - shear force approx. 60% of higher material version 1.4542

1.4542 (AISI 630) - identified by the ridge on the pin

CRES 17-4PH (AMS 5643) aviation standard

Handle Style

Plastic tri-star

T-handled, metal

L-handled, metal

Mushroom, metal

Single piece metal, contoured

Special plastic self-spring

Adjustable grip length, plastic

Key ring

Safety, metal

Mushroom Type B aviation

Type R aviation

Lanyards and Locating Bushes

Stainless wire - (coated) - 2 x key ring

Stainless wire - Key ring and fixing loop

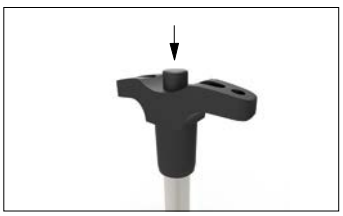
Plastic - 2 x cable tie

Steel wire - (coated) - 2 x key ring

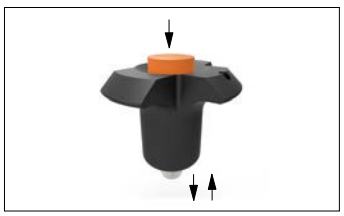
Stainless bead chain - 2 x key ring

Locating bushes

Actuation



Press = unlock
Release = lock
(standard)



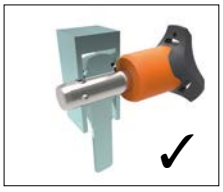
Press = unlock and position
Release = lock and simultaneous clamp

Simple spring loaded balls "pullout pin"

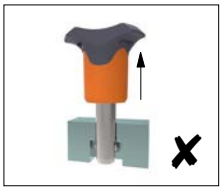
Important Note

Important Note: Ball lock pins are not suited to lifting applications!

For quick release lifting pins, see part 33400.



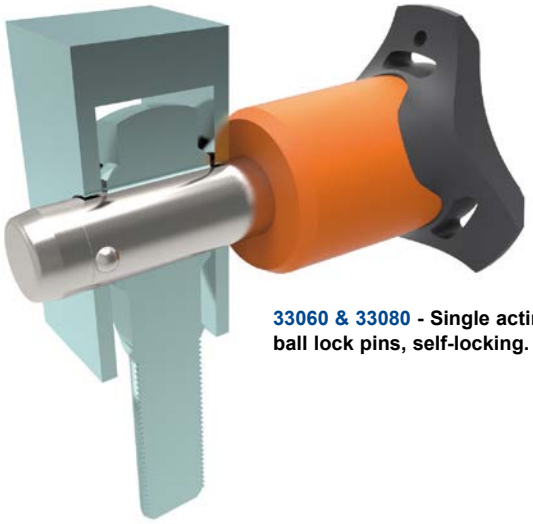
Shear force



Lifting force

Special Variations

Variations on our standard designs are possible, please contact our sales team for technical assistance. Quick production on specials can be as little as 3 weeks.



33060 & 33080 - Single acting ball lock pins, self-locking.

33194 - Single acting ball lock pins, self locking, simple finish.

Applications

- Positioning.
- Lifting.
- Locking.
- Indexing.
- Joining.

33140 - Socket pins, non-locking, spring loaded balls.

33100 - Single acting ball lock pin, self locking.

33180 - Clamping pins, with span compensation, self-locking.

33220 - Ball lock pins, single acting - L-handle

33250 & 33270 - Lanyards.