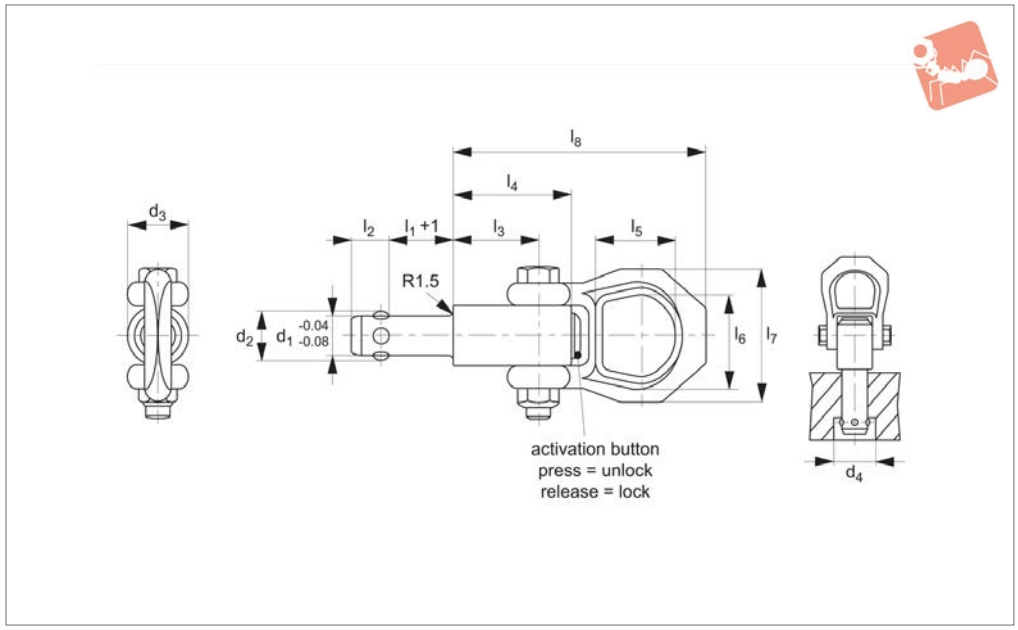


33400

Material
Pin, Body & Shackle: heat treated steel, tempered, manganese phosphated.
Actuation Button: aluminium, red anodised.
Spring: stainless steel.

Technical Notes
Pressing = unlocking.
Releasing = locking.
Lifts forces up to 4.8kN (with a 3 fold in-built safety factor).
Temperature range up to +250°C.
Easy installation with plain drilled hole to H11 tolerance.

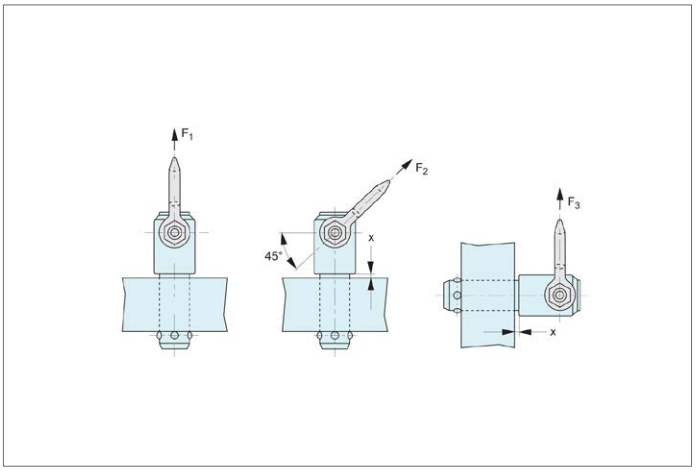
Tips
The design of the safety shackle prevents accidental locking/unlocking. Safety shackle is adjustable and can be used to lift components at 90°, 45° or 180°.

Important Notes
*Test load corresponds to 3-times the nominal load.
When machining receiving hole in aluminium we recommend use of hardened bush or collar in receiving hole, see our part no. 33440.
Supplied with TUV test certificate of manufacturing process. Parts not individually tested.

Order No.	l_1	d_1 -0.04|-0.08	d_2	d_3	d_4 min.	l_2	l_3	l_4	l_5	Weight g
33400.W0601	10	8.0	9.35	21.5	9.85	8.75	25.7	36.0	27.0	218
33400.W0602	15	8.0	9.35	21.5	9.85	8.75	25.7	36.0	27.0	220
33400.W0604	25	8.0	9.35	21.5	9.85	8.75	25.7	36.0	27.0	223
33400.W0606	35	8.0	9.35	21.5	9.85	8.75	25.7	36.0	27.0	226
33400.W0611	10	8.3	9.65	21.5	10.05	8.75	25.7	36.0	27.0	218
33400.W0612	15	8.3	9.65	21.5	10.05	8.75	25.7	36.0	27.0	219
33400.W0614	25	8.3	9.65	21.5	10.05	8.75	25.7	36.0	27.0	223
33400.W0616	35	8.3	9.65	21.5	10.05	8.75	25.7	36.0	27.0	228
33400.W0621	15	10.0	11.70	21.5	12.20	10.20	25.7	36.0	27.0	226
33400.W0623	25	10.0	11.70	21.5	12.20	10.20	25.7	36.0	27.0	238
33400.W0625	35	10.0	11.70	21.5	12.20	10.20	25.7	36.0	27.0	244
33400.W0627	50	10.0	11.70	21.5	12.20	10.20	25.7	36.0	27.0	252
33400.W0631	15	12.0	14.20	21.5	14.70	11.00	25.7	36.0	27.0	238
33400.W0633	25	12.0	14.20	21.5	14.70	11.00	25.7	36.0	27.0	243
33400.W0635	35	12.0	14.20	21.5	14.70	11.00	25.7	36.0	27.0	251
33400.W0637	50	12.0	14.20	21.5	14.70	11.00	25.7	36.0	27.0	268
33400.W0651	25	13.8	16.20	21.5	16.70	13.00	25.7	36.0	27.0	251
33400.W0653	50	13.8	16.20	21.5	16.70	13.00	25.7	36.0	27.0	279
33400.W0655	75	13.8	16.20	21.5	16.70	13.00	25.7	36.0	27.0	309
33400.W0641	25	16.0	18.60	25.0	19.20	15.10	31.0	44.5	27.0	312
33400.W0643	50	16.0	18.60	25.0	19.20	15.10	31.0	44.5	27.0	353
33400.W0645	75	16.0	18.60	25.0	19.20	15.10	31.0	44.5	27.0	388
33400.W0673	50	20.0	24.50	30.0	25.00	19.70	36.5	52.0	32.6	607
33400.W0675	75	20.0	24.50	30.0	25.00	19.70	36.5	52.0	32.6	666

Quick Lift Pins - Self Locking

Order No.	l_6	l_7	l_8	F_1 kN	F_2 kN	F_3 kN	x min.	x max.	Location hole tol. H11
33400.W0601	30	49	87.5	1.5	1.2	0.5	1.5	5	8.0
33400.W0602	30	49	87.5	1.5	1.2	0.5	1.5	10	8.0
33400.W0604	30	49	87.5	1.5	1.2	0.5	1.5	15	8.0
33400.W0606	30	49	87.5	1.5	1.2	0.5	1.5	15	8.0
33400.W0611	30	49	87.5	1.5	1.2	0.5	1.5	5	8.3
33400.W0612	30	49	87.5	1.5	1.2	0.5	1.5	10	8.3
33400.W0614	30	49	87.5	1.5	1.2	0.5	1.5	15	8.3
33400.W0616	30	49	87.5	1.5	1.2	0.5	1.5	15	8.3
33400.W0621	30	49	87.5	2.7	2.4	2.1	1.5	10	10.0
33400.W0623	30	49	87.5	2.7	2.4	2.1	1.5	10	10.0
33400.W0625	30	49	87.5	2.7	2.4	2.1	1.5	10	10.0
33400.W0627	30	49	87.5	2.7	2.4	2.1	1.5	10	10.0
33400.W0631	30	49	87.5	3.5	3.2	2.8	1.5	10	12.0
33400.W0633	30	49	87.5	3.5	3.2	2.8	1.5	15	12.0
33400.W0635	30	49	87.5	3.5	3.2	2.8	1.5	15	12.0
33400.W0637	30	49	87.5	3.5	3.2	2.8	1.5	15	12.0
33400.W0651	30	49	87.5	3.8	3.5	2.8	1.5	15	13.8
33400.W0653	30	49	87.5	3.8	3.5	2.8	1.5	35	13.8
33400.W0655	30	49	87.5	3.8	3.5	2.8	1.5	35	13.8
33400.W0641	30	49	92.8	4.8	4.5	4.1	1.5	15	16.0
33400.W0643	30	49	92.8	4.8	4.5	4.1	1.5	35	16.0
33400.W0645	30	49	92.8	4.8	4.5	4.1	1.5	40	16.0
33400.W0673	36	56	114	10.0	8.5	6.5	1.5	25	20.0
33400.W0675	36	56	114	10.0	8.5	6.5	1.5	25	20.0



Danger!

Self-locking quick lift pins are designed to lift and hold point loads not people.

Self-locking quick lift pins are not suited for rotating loads.

Dirt and debris etc can affect the performance of the pins.

Using damaged self-locking pins can be very dangerous. Before each use carefully inspect the pins (damage, deformities, signs of stress, corrosion, check unlocking and locking function, loss of balls etc. Check full movement of shackle. Withdraw any defective pins from service immediately.

To release the balls, press button A. To lock the balls, release button A.

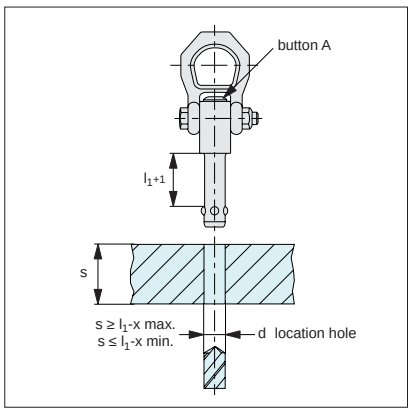
The load figures F_1, F_2 and F_3 apply only to lifting applications used with a steel retainer, and an "x" min of 1.5mm.

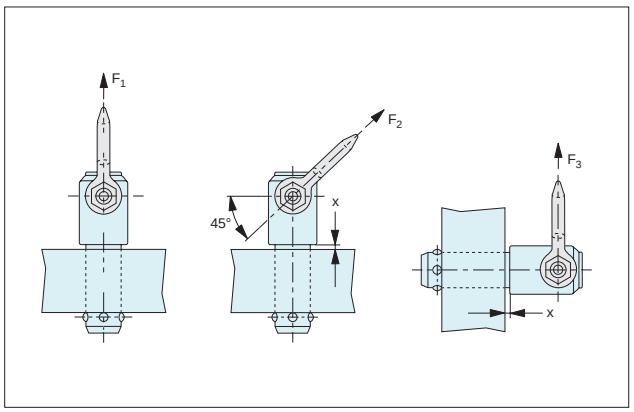
Inspect before and after every use. For maintenance – take the out of service after 12 months for inspection by qualified personnel.

- Ensure all lifting pins are CE marked.
- Ensure they are handled by qualified personnel.
- Refer to the operating instructions particularly with regards to product selection, any possibility of the load swivelling, the effect of lifting angles on the load capacity (see relevant tables), etc.
- Never allow any personnel underneath a suspended load.
- Always heed the load rating of the lifting pin.
- Always perform a visual inspection of the lifting pins prior to use. Checking for any damage to thread and/or swivelling system. Check for wear or corrosion, signs of stress or bending.
- Ensure a yearly full service inspection is performed.
- Always ensure the full bottom face of the lifting pin shoulder is in contact with a smooth, square surface.
- Ensure full and unrestricted movement of the lifting pin in all directions.
- Before each lift ensure the correct orientation of the shackle in the lift direction.
- Avoid using our standard steel lifting pins in corrosive environments eg. sandy, chemical, acid, moisture etc. In this case consider using our stainless steel lifting pins (33420).

Operating Instructions 33400 and 33420

Note: The full shaft must be engaged. Longer shaft lengths can be supplied on request or a bolt and washer/nut combination can be used.





Notes

Wixroyd Quick Lifting Pins

product overview

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