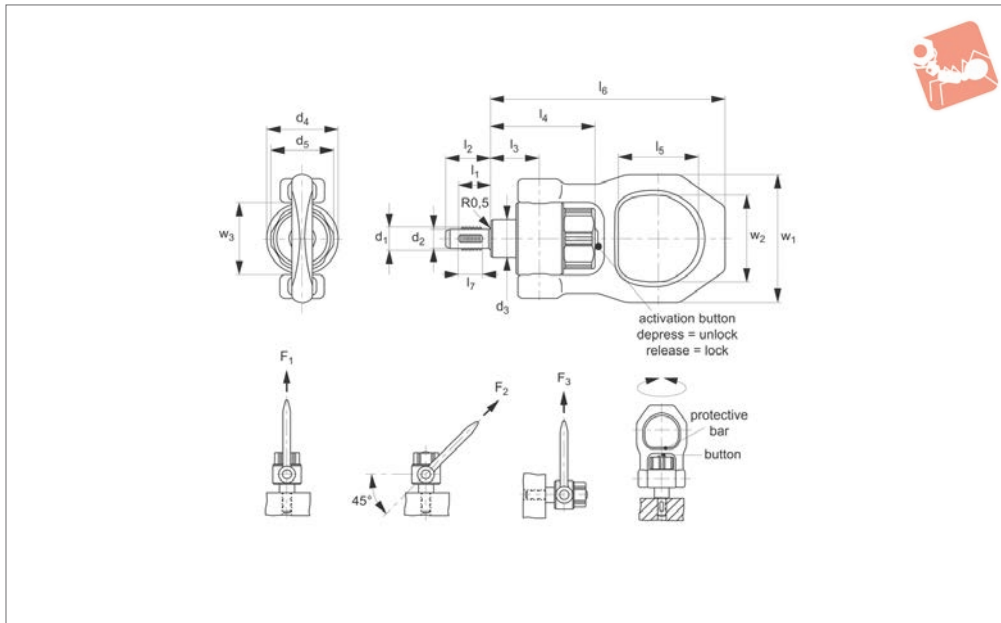




Quick Lift Pins - Threaded

double swivel - metric

Quick Lift Pins



33425

QUICK LIFT PINS

Material

Steel

Pin: heat-treated steel, tempered, manganese phosphated.
 Threaded element: stainless steel 1.4542, (AISI 630) precipitation hardened.
 Shackle: steel, heat-treated, tempered, manganese phosphated.
 Press button: aluminium, orange anodised.
 Spring: stainless steel.

Stainless steel

Pin: stainless steel 1.4542, (AISI 630) precipitation hardened.
 Threaded element: stainless steel 1.4542, (AISI 630) precipitation hardened.
 Shackle: stainless steel 1.45471.

Press button: aluminium, orange anodised.
 Spring: stainless Steel.

Technical Notes

To suit metric coarse threads, tolerance g6. CE marked. Both types are corrosion protected. The stainless steel pin is resistant to corrosion and weathering, so suitable for external use. The instruction manual and CE Declaration of Conformity are included. F_1^* and F_3^* values are inscribed on the body for reference. F values are calculated on 5 x safety factor. Depress button: to unlock. Release button: to lock. Max temp. 250°C.

Tips

Heavy duty lifting pin, quick and easy to use with pivoting shackle and protective bar to prevent unintentional unlocking. The threaded lifting pin is inserted into a threaded hole, so no time is wasted screwing in and out alternative lifting rings. The rotatable shackle will always align with the tensile direction of pull without the pin rotating. This prevents the load-handling device from being turned out of the thread and the component can be lifted safely.

Before use: read instruction manual, and data sheets follow standard safe lifting procedures.

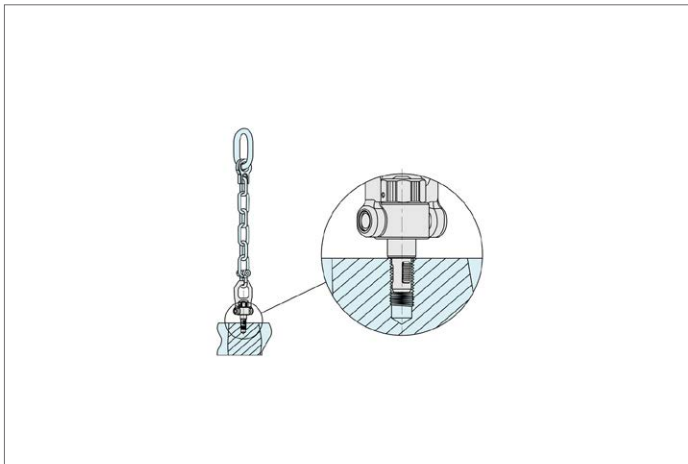
Order No.	Type	l_1	d_1	d_2 -0.07	d_3	d_4	d_5	l_2	l_3	l_4	l_5	Weight g
33425.W0010	Steel	14	M10	8.4	20	38	33.5	20.0	25.7	54.9	42.5	581
33425.W0012	Steel	17	M12	10.1	20	38	33.5	24.0	25.7	54.9	42.5	585
33425.W0016	Steel	17	M16	13.8	20	38	33.5	24.0	25.7	54.9	42.5	597
33425.W0020	Steel	22	M20	17.3	35	56	50.0	30.0	36.5	73.7	55.6	1789
33425.W0024	Steel	27	M24	20.7	35	56	50.0	36.0	42.0	79.2	55.6	1864
33425.W1010	Stainless Steel	14	M10	8.4	20	38	33.5	20.0	25.7	54.9	42.5	581
33425.W1012	Stainless Steel	17	M12	10.1	20	38	33.5	24.0	25.7	54.9	42.5	585
33425.W1016	Stainless Steel	17	M16	13.8	20	38	33.5	24.0	25.7	54.9	42.5	597
33425.W1020	Stainless Steel	22	M20	17.3	35	56	50.0	30.0	36.5	73.7	55.6	1789
33425.W1024	Stainless Steel	27	M24	20.7	35	56	50.0	36.0	42.0	79.2	55.6	1864

Order No.	l_6	l_7	w_1	w_2	w_3	F_1 kN	F_2 kN	F_3 kN	Locating thread	Tightening torque Nm max.
33425.W0010	123.7	10	68	46	38	3.9	1.5	1.5	M10	2
33425.W0012	123.7	12	68	46	38	6.2	2.5	2.3	M12	2
33425.W0016	123.7	12	68	46	38	8.4	4.5	4.2	M16	2
33425.W0020	167.5	17	102	70	59	16.6	7.7	5.0	M20	3
33425.W0024	173.0	22	102	70	59	18.5	11.1	8.6	M24	3



Order No.	l_6	l_7	w_1	w_2	w_3	F_1 kN	F_2 kN	F_3 kN	Locating thread	Tightening torque Nm max.
33425.W1010	123.7	10	68	46	38	3.9	1.5	1.5	M10	2
33425.W1012	123.7	12	68	46	38	6.2	2.5	2.3	M12	2
33425.W1016	123.7	12	68	46	38	8.4	4.5	4.2	M16	2
33425.W1020	167.5	17	102	70	59	16.6	7.7	5.0	M20	3
33425.W1024	173.0	22	102	70	59	18.0	11.1	8.6	M24	3

QUICK LIFT PINS





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.

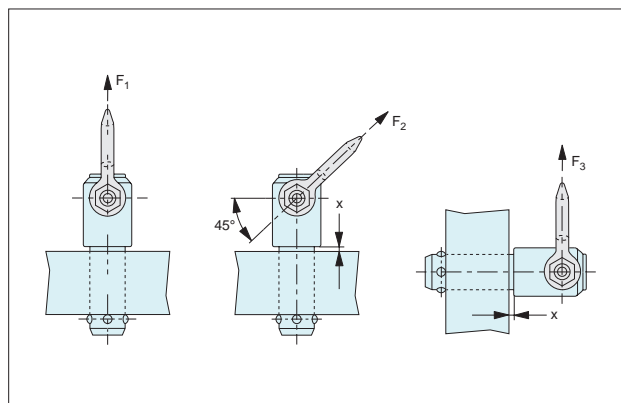
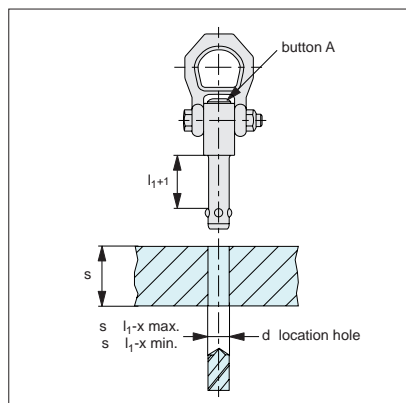
The load figures F_1 , F_2 and F_3 apply only to lifting applications used with a steel retainer, and an "x" min of 1.5mm.

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



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