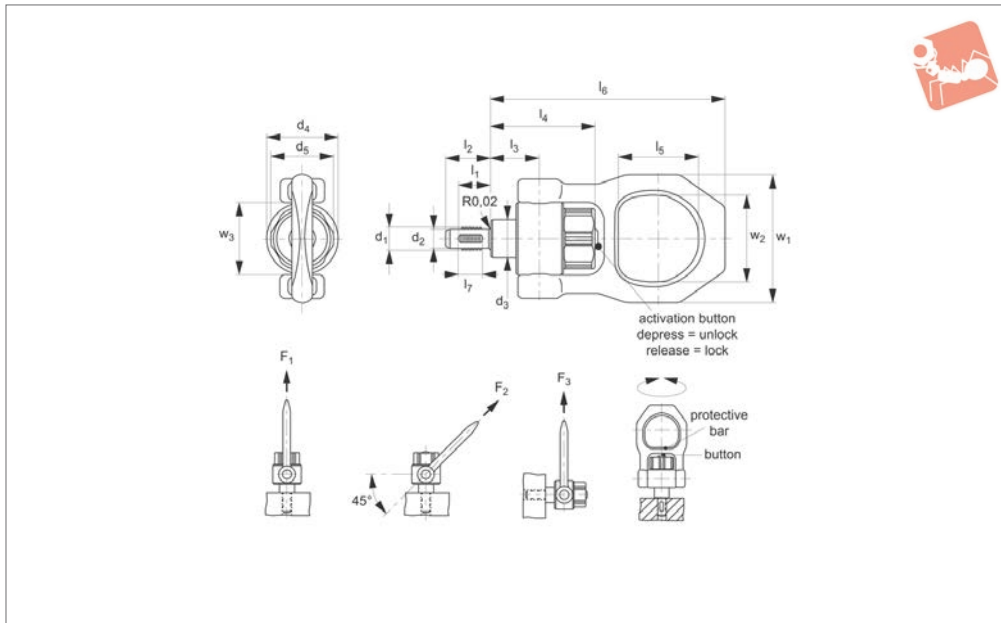




Quick Lift Pins - Threaded

double swivel - inch

Quick Lift Pins



3B425

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 inch 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. 482°F 250°C.

Tips

Heavy duty lifting pin, quick and easy to

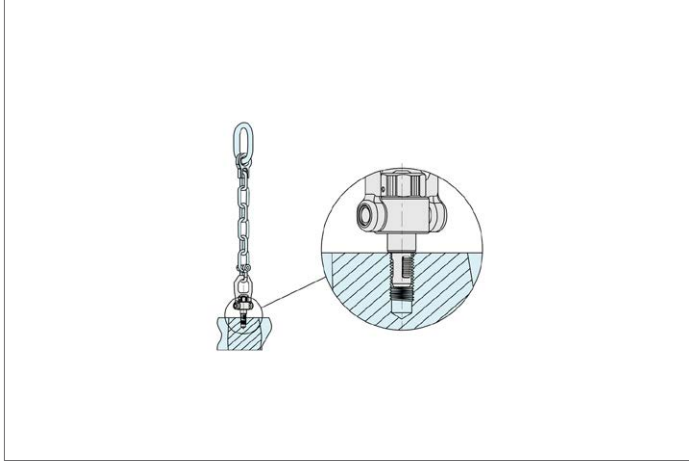
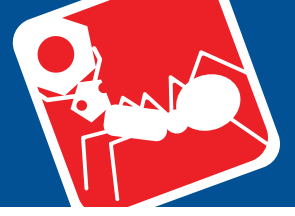
use with pivoting, rotatable shackle and protective bar to prevent unintentional unlocking. The threaded lifting pin is inserted into a threaded hole, so no time is wasted screwing in and out alternative lifting rings. The rotatable shackle will always align with the tensile direction of pull without 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.

Dimensions in inches.

Order No.	Type	l_1	d_1	d_2 inch +0.0028	d_3	d_4	d_5	l_2	l_3	Weight lb
3B425.W0012	Steel	0.669	1/2"-13	0.416	0.787	1496	1.319	0.945	1.012	1.29
3B425.W0020	Steel	0.866	3/4"-10	0.640	1.378	2323	1.969	1.181	1.437	3.93
3B425.W0024	Steel	1.063	1"-8	0.863	1.378	2323	1.969	1.417	1.654	4.13
3B425.W1012	Stainless Steel	0.669	1/2"-13	0.416	0.790	1496	1.320	0.945	1.012	1.29
3B425.W1020	Stainless Steel	0.866	3/4"-10	0.640	1.378	2323	1.969	1.181	1.437	3.93
3B425.W1024	Stainless Steel	1.063	1"-8	0.863	1.378	2323	1.969	1.417	1.654	4.13

Order No.	l_4	l_5	l_6	l_7	w_1	w_2	w_3	F_1 lbf	F_2 lbf	F_3 lbf	Locating thread	Tightening torque Nm max.
3B425.W0012	2.161	1.673	4.870	0.472	2.677	1.811	1.496	1528	764	607	1/2"-13	1.48
3B425.W0020	2.902	2.189	6.594	0.669	4.016	2.756	2.323	3619	1731	1124	3/4"-10	2.21
3B425.W0024	3.118	2.189	6.811	0.866	4.016	2.756	2.323	4159	3147	2225	1"-8	2.21
3B425.W1012	2.161	1.673	4.870	0.472	2.677	1.811	1.496	1528	764	607	1/2"-13	1.48
3B425.W1020	2.902	2.189	6.594	0.669	4.016	2.756	2.323	3619	1731	1124	3/4"-10	2.21
3B425.W1024	3.118	2.189	6.811	0.866	4.016	2.756	2.323	4046	3147	2225	1"-8	2.21





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.

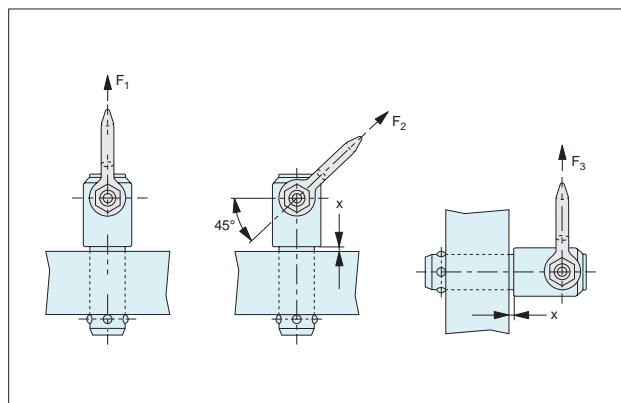
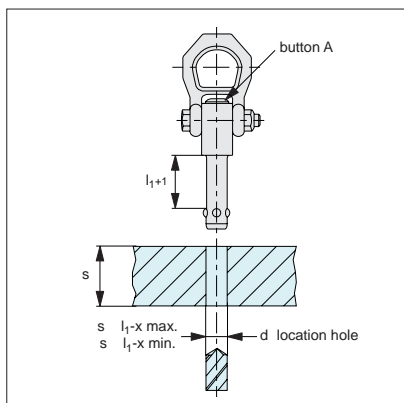
The load figures F_1 , F_2 and F_3 apply only to lifting applications used with a steel retainer, and an "x" min of 1.5mm.

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.



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