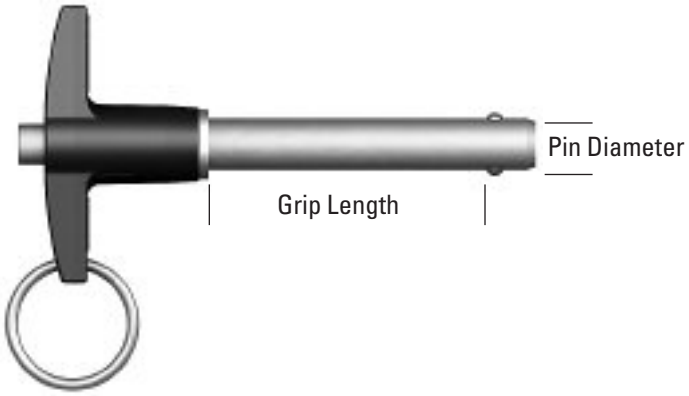
Selecting the proper Quick Release Ball Lock Pin

1. Select the proper pin diameter.

Our standard sizes are 3/16", 1/4", 5/16", 3/8" and 1/2".

2. Select the proper grip length.

The grip length (also referred to as the useable length) is measured from the bottom of the handle to the top of the locking balls. Our standard grip lengths range from 1/2" up to 6", depending upon diameter.



3. Select the proper shank material.

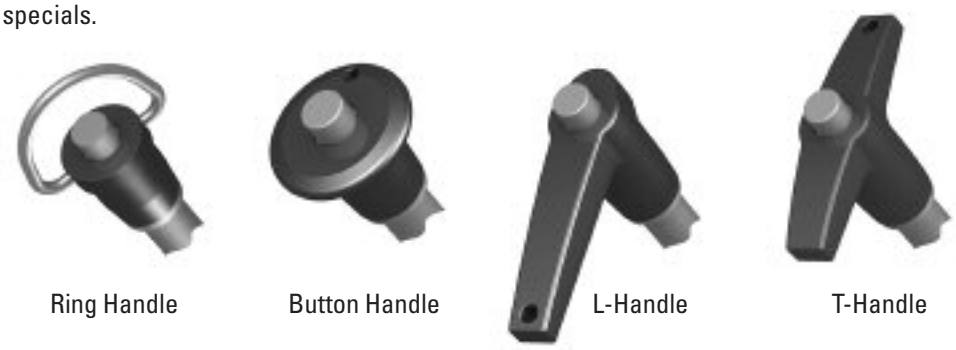
17-4 SS – Made from heat treated 17-4 stainless steel, they are designed for applications where higher shear strengths are required. Because they are made from stainless steel, they offer superior corrosion resistance to alloy steel. This combination of strength and corrosion resistance makes it a good choice for a wide range of demanding applications.

304 SS – Made from 304 stainless steel. **These pins are not designed to be used where shear strengths are demanding**. While these pins offer lower shear strengths than other materials, they are strong enough to meet the needs for many applications. This material also offers very good corrosion resistance.

4130 Alloy Steel – Made from heat treated and plated 4130 alloy steel, these pins are ideal where high strength is required and environmental factors are not an issue.

4. Select the proper handle style.

Our standard handles are made from aluminum alloy and are anodized black. They are available in Ring, Button, L and T configurations. Handle choice is based on clearance, use and appearance. The Ring and Button handles are also available in stainless steel as specials.



Ring Handle | Button Handle | L-Handle | T-Handle

5. Select lanyard assembly.

Lanyard assemblies are used to attach the pin to a fixture so it does not get misplaced while the pin is not in use. The lanyard assemblies must be ordered separately. See pages 100 and 101 for our standard assemblies.