

Sky-Loc™ Quick-Release Material Specifications

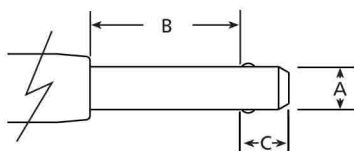
Below are the specifications for the standard Rapid Release Pins pins listed in our catalog. We can change materials and specifications to meet the exact needs of your application.

Component	Steel	304 Stainless	17-4 Stainless
■ MATERIALS:			
Shank	4130 Alloy Steel per MIL-T 6736B	304 SS per ASTM A269	17-4PH per ASTM-A564
Handle	6061-T6 Aluminum	6061-T6 Aluminum	6061-T6 Aluminum
Spindle	300 Series Stainless	300 Series Stainless	300 Series Stainless
Actuator Button	Brass	Brass	Brass
Internal Spring	300 Series Stainless	300 Series Stainless	300 Series Stainless
Balls	440C Stainless, Grade 25 SS	440C Stainless, Grade 25 SS	440C Stainless, Grade 25 SS
Split Ring	300 Series Stainless	300 Series Stainless	300 Series Stainless
■ FINISH:			
Handle	Natural Tumble Finish	Natural Tumble Finish	Anodize per Mil A 8625 Type II, Color Blue
Shank	Centerless Grind	Centerless Grind	Centerless Grind
■ HEAT TREATING:			
Shank	Austenitize, oil quench and temper	N/A	H-900
Spindle*	N/A	N/A	N/A
* Can be hardened for special applications.			
■ HARDNESS:			
Shank	46-49 HRC	77 HRB min	40-47 HRC
Balls	58-60 HRC	58-60 HRC	58-60 HRC
Spindle	140-255 HRB	140-255 HRB	140-255 HRB
■ ULTIMATE TENSILE STRENGTH:			
Shank	217-236 ksi	86 ksi (typical)	182-223 ksi

Sky-Loc™ Quick-Release Custom Pin Form

Shank Dimensions:

A dimension = _____
 B dimension = _____
 C dimension = _____



Shank Material:

- 304 SS
 17-4 SS
 4130 Steel
 Other (please specify): _____

Handle Style:

- T-Handle
 L-Handle
 Ring Handle
 Button Handle
 Recessed Button Handle

Handle Material:

- Aluminum – Natural Tumble Finish
 Aluminum – Anodized
 (please specify color): _____
 Stainless

Actuator Button Material:

- Brass
 Stainless
 Aluminum – Anodized
 (please specify color): _____

Number of Balls:

- 2 balls
 4 balls

Attachments:

- Lanyard (length): _____
 With Tab
 Without Tab

Quantity: _____

Other Requirements: _____

