

Material Specifications

Kwik-Lok™ Pin

Component Part	Material
Bodies (Shank)	CRES 17-4 PH Stainless Steel
	Alloy Steel 4130
Balls	CRES 440C Stainless Steel*
Buttons	CRES 303 Stainless Steel
	Aluminum Alloy 2024
Springs	CRES 302 Stainless Steel
Handles	
T & L Handles	Aluminum (380) Casting
Button Handles	Aluminum Alloy 2024
Ring Handles	CRES 303 Stainless Steel
Heavy Duty T & L	CRES 303 Stainless Steel
Heavy Duty Button Handle	CRES 303 Stainless Steel
Recessed Button Handle	CRES 300 Series Stainless Steel
Collar	CRES 303 or 304 Stainless Steel

Kwik-Lok™ Lifting Pin

Component Part	Material
Bodies (Shank)	CRES 17-4 PH Stainless Steel
Balls	CRES 440C Stainless Steel*
Buttons	CRES 303 Stainless Steel
Lift Ring	Forged 17-4 PH Stainless Steel
Springs	CRES 302 Stainless Steel

Detent Pins

Component Part	Material
Bodies (Shank)	CRES 303 Stainless Steel
	Alloy Steel 4130
Balls	CRES 440C Stainless Steel*
Springs	CRES 302 Stainless Steel
Head	CRES 303 Stainless Steel
	Alloy Steel 4130

* Locking Balls also available in 302 Stainless Steel by special order.
Actual locking element tensile strength is reduced by lower strength alloys.
Ordering special pins with 4 balls will increase locking element tensile strength above NAS functionality test requirements.

Heat Treatment:

- 17-4 PH Stainless Steel: Condition H-900, Rockwell C40 Min per MIL-H-6875
- 4130 Alloy Steel: Rockwell C36-40

Surface Treatment:

- CRES Parts: Passivate per AMS-QQ-P-35
- Alloy Steel Parts: Cadmium plate per QQ-P-416, Type II, Class 2
- Aluminum Alloy Parts: Anodize per MIL-A-8625 Type I or II per MIL-C-5541 Class 1A
- Aluminum Handles: Color Black

Jergens Kwik-Lok™ Pins are designed and manufactured to meet or exceed these standards.