



# Jergens<sup>®</sup>



## PRECISION PARTS FOR MILITARY APPLICATIONS

15700 SOUTH WATERLOO ROAD, CLEVELAND, OH 44110

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## KWIK-LOK<sup>®</sup> PIN SPECIFICATIONS:

### KWIK-LOK<sup>®</sup> Pin Specification - Inch

PIN DIA (IN)	Double Shear Restance Min (lbs) *	Locking element tensile strength min (lbs)	Recommended Hole Diameter (in)	
	Stainless Steel 17-4 PH Heat Treated		MAX	MIN
3/16 (#10)	5,150	200	0.1940	0.1900
1/4	9,200	230	0.2540	0.2500
5/16	14,400	510	0.3165	0.3125
3/8	20,700	575	0.3790	0.3750
7/16	28,500	710	0.4425	0.4375
1/2	36,900	1,160	0.5050	0.5000
9/16	46,700	1,420	0.5675	0.5625
5/8	57,800	2,070	0.6300	0.6250
3/4	83,200	2,950	0.7570	0.7500
7/8	112,500	3,900	0.8820	0.8750
1	147,200	5,480	1.0100	1.000

\* Double shear values are the minimum requirements according to NAS functionality tests.  
 Locking element tensile strength values are the minimum requirements of NAS functionality tests. Pins may be special ordered with 4 locking balls for additional locking element tensile strength

### KWIK-LOK<sup>®</sup> Pin Specification - Metric

PIN DIA (MM)	Double Shear Restance Min (kN) *	Locking element tensile strength min (N)	Recommended Hole Diameter (mm)	
	Stainless Steel 17-4 PH Heat Treated		MAX	MIN
5	24	890	5.1	5
6	35	890	6.1	6
8	65	2,250	8.1	8
10	100	2,280	10.1	10
12	144	3,150	12.1	12
16	257	9,200	16.1	16
20	403	13,100	20.15	20
25	631	23,400	25.15	25

## MILITARY SPECIFICATIONS (MS) & NATIONAL AEROSPACE STANDARDS (NASM)

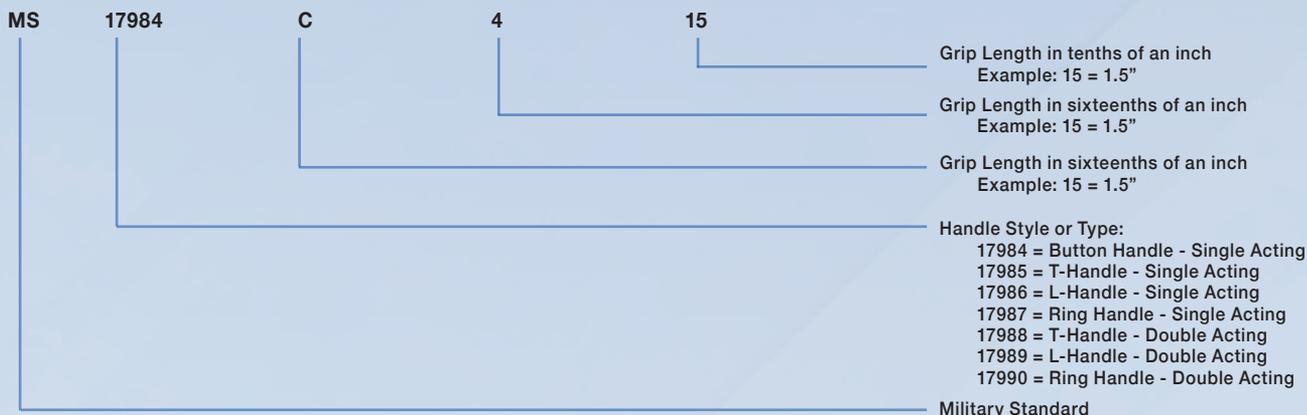
Jergens is a Department of Defense approved supplier of Quick Release Pins, under CAGE code 94882.

Certificate of Conformance is available upon request at time of order

DFARS compliant material can be quoted upon request

NAS Number 1333-1346 and 1353-1366 are available

MS Numbers 17984-90 now refer to NASM 17984-90, NSN 5315



Special Military and Aerospace size and configurations are available. Please contact customer service 1-800-JERGENS (537-4367)

# Precision Parts For Military Application



Jergens is an ISO 9001:2015 certified, government QSL-approved manufacturer. We are your complete source for mil-spec Kwik-Lok® pins and various other products. Jergens can offer quick turnaround on special orders, low or no minimums, and engineering expertise that results in our ability to help with technical questions and offers solutions for your application.



MS, NAS, DFARS and ROHS  
Compliant Parts Available



Military Drawings Available in  
3D Solid Models from Web at  
[Jergensinc.com](http://Jergensinc.com)



Manufacturing #: 697830



Cage Code: 94882



# Quality USA Manufactured Release Pins & Hoist Rings

## Jergens Manufactures:

- » MS17984 thru MS17987 (Single Acting, Military Standard)
- » MS17988 thru MS17990 (Double Acting, Military Standard)
- » NAS1333 thru NAS1343 (Single & Ground Handling Pins, National Aerospace Standard)
- » NAS1353 thru NAS1366 (Double Acting, National Aerospace Standard)
- » MIL-P-45952 (Detent pins)
- » MS14531 (Pin Assembly, Military Standard)
- » Lift-Check™ H.R. Tension Indicator for Lifting
- » Quick-Release Pins and Pin Assembly
- » Receptacles
- » Detent Pins
- » Marine Pins

## Core Competencies

- » Reach Compliant
- » ROHS Compliant
- » DFARS Compliant
- » ITAR Compliant
- » DUNS# 004185618
- » NAICS codes: 326199, 332618, 333514, 333515, 333924
- » Cage Code: 94882
- » Accepts credit cards and wire transfers
- » ISO9001:2015 certified
- » Hoist Rings: ANSI/ASME B30.26 standard and CE Certified
- » US Government Approved Manufacturer - QLSM
- » Member of AWRF

## Innovative Components, Highest Standards, Customer Support

- » On-Site Quality Assurance Department
- » Customer Service Support
- » USA Manufactured Components
- » Planning and Procurement
- » Logistical Solutions
- » Field Sales Staff and Support

## Differentiators

- » Classified small business
- » Immediate availability or fast turnaround on special items
- » Accommodate lot sizes from 1 to 10,000 pieces
- » Offer military and government customers critical assistance and provide only DFAR compliant products for all defense programs
- » Hoist Rings Rated 5:1 strength factor. Full 360° swivel action. Pull tested to 2X the load capacity prior to shipment. Available in 17-4 pH stainless steel – no loss in lifting capacity. Unique cross bar design eliminates potential for spreading the bale
- » All Jergens products are mercury free
- » All Jergens products are asbestos free
- » All Jergens products are manufactured with conflict-free materials

Agency	Parts Supplied
DFAS	Kwik Lok® Pins to DLA Troop Support
Rockwell Automation	Hoist Rings
Lockheed Martin	Kwik Lok® Pins and Hoist Rings



JERGENS OFFERS MILITARY AND GOVERNMENT CUSTOMERS CRITICAL ASSISTANCE TO ENSURE THAT ONLY DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT COMPLIANT PRODUCTS ARE USED WITH DEFENSE PROGRAMS. CERTIFICATIONS ARE AVAILABLE UPON REQUEST.

## THREADED INSERTS

- Jergens keylocking inserts are easy to install with standard drills and taps. “Keys” mechanically lock the insert into the base material.
- Rated among the highest in pullout strength of any thread repair device on the market.
- Thinwall, heavy duty, extra heavy duty, and solid inserts in both stainless steel and carbon steel materials.
- MS, NAS, DFARS and/or RoHS compliant inserts are available from stock.



## LIFT/HOIST RINGS

- Rated 5:1 strength factor.
- Full 360° swivel action.
- Unique cross bar design eliminates potential for spreading the bale due to misuse.
- Pull tested and certified to twice the load capacity.
- Now available in heat-treated 17-4 pH stainless steel with no loss in lifting capacity.
- Made in the USA from domestic materials and components.
- MS, NAS, DFARS, and RoHS compliant parts.



## KWIK-LOK PINS

- Lanyards available upon request
- Quick turnaround on special grip length, handles, materials, and ball configurations.
- MS, NAS, DFARS and/or RoHS compliant KLP pins are available.
- Over 6,000 items in stock.
- Lot number traceability on every pin.
- Applications include tank doors and lids, process industries, landing gear, drop tanks, ordinance, cargo nets, aircraft seating, aerial spraying equipment, and gliders.



# Jergens®

 **WORLD HEADQUARTERS:**

15700 SOUTH WATERLOO ROAD

CLEVELAND, OH 44110-3898

 877.486.1454

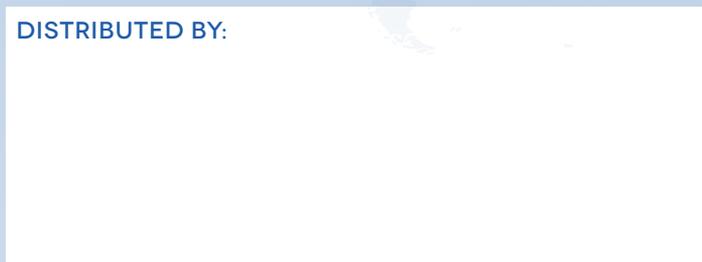
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WORKHOLDING SOLUTIONS



SPECIALTY FASTENERS



LIFTING SOLUTIONS

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ISO9001:2015  
QUALITY SYSTEM CERTIFIED

