



Acme Industrial Company
Keylocking Threaded Insert
Certificate of Conformance



Acme Industrial Company
441 Maple Avenue
Carpentersville, IL 60110
Ph: 847-428-3911
Fax: 847-428-1820
Cage Code: 00175

MIL-I-45914A Rev. 4/25/91

Customer Part Number MS51830-103L, REV G, 5/9/22

Acme Part Number: 217-077285 Acme Lot Number: 403340-000

Quantity Manufactured: 24175

Lubrication Spec: AS5272 TYPE I

Date Manufactured: 8/14/2024

Material Spec: AMS 5640

Material Supplier: RODACCIAI Mill Heat Number: 563825

Surface Treatment: AMS 2700

Part Number: 131-629017 Heat Treat Specs

Hardness:

Component Part No: 132-785804B

Component:

Material Supplier: KENMODE TOOL

Mill Heat Number: Y64P

Material Spec: ASTM A580(Chem Only)

Heat Treat Spec:

Hardness Req't:

Surface Treatment:

Note: DFARS compliant per 252.225-7014 alt 1, superseded by 252.225-7008 & 252.225-7009
Parts manufactured in the USA

DISCLAIMER: SELLER MAKES NO OTHER WARRANTY WHATEVER, EXPRESSED OR IMPLIED AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED AND EXCLUDED FROM ALL TRANSACTIONS AND SHALL NOT APPLY TO THE GOODS SOLD.

REMEDY: Our obligation is limited to the repair or replacement of defective parts or, at our option, the refund of the purchase price.

IN NO EVENT SHALL THE SELLER BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES IN THE NATURE OF PENALTIES.

Certificate of Conformance and test results may only be reproduced in their complete form.

The test results relate only to the item or items tested.

The product identified on this Certificate of Conformance has been manufactured, tested, and unless noted otherwise, conforms to the applicable drawings, specifications, and standards. Complete reports

of physical and chemical tests are on file for examination. Goods conform to seller's quality level unless specified otherwise.

Note: Blank spaces indicate that a quality requirement is not applicable.

Form No.: 410-28 Rev:8/29/06

Joseph Liautaud

Joseph Liautaud
Quality Manager

CERTIFICATION PACKAGE REVIEWED BY:

NAME: IRM DATE: 8/19/24

Test Results

Acme Part Number: 217-077285 Date Manufactured: 8/14/2024

Customer Part Number MS51830-103L, REV G, 5/9/22

Internal Thread: 6-32 UNJC-3B Lot Number 403340-000
External Thread: 12-28 UNF-2A Manufactured Quantity: 24175

	Required		A/R
Torque Out:	30	Inch/Lbs. Min	Accept
Pull Out:	888	Lbs. Min	Accept
Internal Thread Proofload:	1136	Lbs. Min	Accept
Max Locking Torque:	5	Inch/Lbs Max	Accept
Min Breakaway Torque:	1	Inch/Lbs Min	Accept
metalurgical Properties:	MIL-45914A REV 4/25/91		Accept
Magnetic Permeability:	NA		

Notes: Test results must not be reproduced except in full. Test results apply only to items tested.

Blanks spaces indicate no Quality requirements applicable.

Include one copy with shipment, retain one copy for records.

CERTIFICATION PACKAGE REVIEWED BY:

NAME: IRM DATE: 8/19/24



23842 Basso Panni (LC) - Via Giuseppe Roda 1 - 23018
Tel +39 031878111 - Fax +39 031878312
www.rodacciai.com - info@rodacciai.com

Azienda con sistema di gestione certificato da IGO
secondo UNI EN ISO 9001:2015

The Company's Quality Management System
is certified by IGO according to UNI EN ISO 9001:2015

CERTIFICATO DI CONTROLLO Inspection Certif N. 168215 Date 3/11/2023

Secondo According to EN 10204:2004 3.1

DESTINATARIO - Cargo-Receiver

CLIENTE - Customer

R.S.S.INC (BUFFALO) -IL
230 LEXINGTON DR
60089 BUFFALO GROVE ILLINOIS

SOLD TO ACME INDUSTRIAL
PO # 170491-0
ITEM # 131-628017

ORDINE - Order
N. 903816

Date 27/01/2023

D.d.T. - Delivery note

N. 10785/13 Date 3/11/2023

Weight Lib 7061

Odp. Nr. 2023/A/32699
Bars Length 12 - 12 ft.

QUALITA' - Grade
STANDARD Type

AISI 303

UNS S 30300

Mark RODACCIAI 303 PLUS
PROFILO - Shape ROUND
DIMENSIONE - Size 1/4"
ESECUZIONE - Form of delivery COLD DRAWN

COLATA - Heat 563825
Melted in: ACEROS INOXIDABLES OLARRA S.A. Country: Spain

ANALISI CHIMICA DI COLATA - Cast analysis % by mass

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co
0,045	1,740	0,500	0,3250	0,039	17,590	8,330	0,410	0,450	0,140

N
0,0305

CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA

Mechanical properties of the delivered material

		Tested	Max
Tensile Strength	Rm PSI	124401,0	125000
Yield Strength	Rp(0,2) PSI	100333,0	
Elongation	A 4 (%)	35,4	
Hardness	HBW	262,0	262
Reduction of area	Z (%)	48,8	

NOTE - Notes

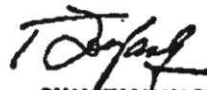
This product was manufactured in Italy
Compliant to DFARS clause 252.225-7009 and -7012 .
According to: AMS 5640V type 1 2016 ASTM A370 - 17
ASTM A582:22 Cond."A" Cold finished after (Annealed)
ASTM A484/A 484M 20
ASTM A314-15 ASTM A751-14a ASTM F899-20 EN 10088-3:2014
The material was produced by EF + A.O.D.

p.m.
12/27/23

Cert of Conformance / Material Cert

Sold To: **KENMODE TOOL & ENGINEERING, I**
 820 W. ALGONQUIN RD
 ALGONQUIN, IL 60102

Date Shipped: 12/29/2023
 PO #: 072134 ✓
 Radcliff No.: 161452
 Heat No.: Y64P ✓
 Qty. Shipped: 638 LBS-2-22" PLASTIC SPOOLS ✓

Item Description			
.039/.041 .053/.055(.0400 ± .0010 X .054 ± .0010)	T302 Stainless Steel	Edge: SPECIAL-SEE PRINT	Spec: ASTM A580/A580M-23
Melting Country: United States	Producing Country: United States		WIRE PURCHASED TO PRODUCE PARTS FOR ACME INDUSTRIAL CO.
Notes: SSW3020002 ACTUAL SIZE: .0404/.04047 X .054/.0542			
			 QUALITY MANAGER KENMODE TOOL & ENGINEERING

Chemical Analysis			
C: .07400%	Co: .25000%	Cr: 18.11000%	Cu: .36000%
Mn: 1.20000%	Mo: .36000%	N: .06700%	Ni: 8.09000%
P: .03000%	S: .00410%	Si: .34000%	Ti: .00200%

Mechanical Properties	
Tensile: 215 KSI	Rockwell: C43 ✓

We certify that the chemical analysis, physical properties, and mechanical test results are correct as contained in our records, and that they conform to customer requirements.

Material as shipped, is free from mercury contamination, and does not contain any counterfeit material or Russian originated Steel or Iron.
 All material complies with RoHS 3, REACH and Conflict Minerals unless a lead plating has been specified.
 Material is DFAR compliant

Note: Material SDS will be emailed upon request

**INCOMING INSPECTION
 APPROVED**

Lisa Platek

Lisa Platek
 Certification Clerk

Date: 1/3/2024
 Insp: [Signature]



PO Box 603, 97 Renzo Rd, Bristol, CT 06011-0603
 Tel: (860) 583-1305, Fax: (860) 583-6553

Order Number
161452

Customer PO 072134

Packing Slip
Shipping Copy

Sold To: KENMODE TOOL & ENGINEERING, INC
 820 W. ALGONQUIN RD
 ALGONQUIN, IL 60102

Ship To: KENMODE TOOL & ENGINEERING, INC
 820 W. ALGONQUIN RD
 ALGONQUIN, IL 60102

Ship Via:

THIRD PARTY BILLING C/O UTS, PO Box 888470, Grand Rapids, MI 49588

Ship Date	Qty Ordered	Units	Finish	Shape
12/28/2023 Or Sooner	1600	LBS		SPECIAL

Material	Heat No.
T302 Stainless Steel	Y64P

Size/Tolerance	Spool Type
.039/.041 .053/.055(.0400 ± .0010 X .054 ± .0010)	22" Black Plastic Reel

Edge	Temper	Tensile/ Rockwell
SPECIAL-SEE PRINT		RC 41-44 AIM FOR LOW END

Date Entered	Quote No.	Customer Part No.	Drawing #/ Rev
6/28/2023	61849	SSW3020002	15719 / B Modified

Spec
ASTM A580/A580M-23

Special Instructions

SURCHARGE AT TIME OF BILLING.
 CUSTOMER WOULD LIKE IN HOUSE FOR 12/11 IF AT ALL POSSIBLE

Melting Country: United States

SHIPPING RECORD

Date	Quantity & Packaging
12/29/2023	638 LBS-2-22" PLASTIC SPOOLS 1 Skid