

**SF INDUSTRIES USA**

PRECISION METAL FABRICATION • PRODUCT SPECIFICATION

CAGE Code: 23ZN0
UEI: TCN3M1MU18R7

PRODUCT SPECIFICATION SHEET

MHK-RA — ANGLE RAIL MOUNTING BRACKET KIT

PART NUMBER	PRODUCT TYPE	RAIL TYPE	REVISION
MHK-RA	Angle Rail Mounting Bracket Kit	Angular / Angle-Iron Rail	Rev. 01

1. PRODUCT DESCRIPTION

The MHK-RA is a bolt-on, weld-free angle rail mounting bracket kit designed to provide a secure mounting interface for compatible light poles, instruments, conduit assemblies, and other approved equipment on angular handrails and walkway rails. The kit is intended for stair and walkway rail applications and is supplied with the mounting hardware required for the bracket assembly.

2. PRODUCT IDENTIFICATION

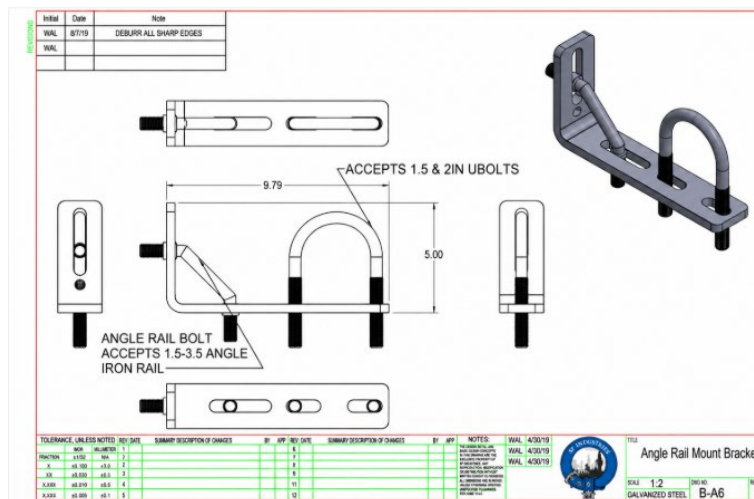
SPECIFICATION	INFORMATION
Product Family	Fabricated Metal Components
Product Type	Metal Mounting Bracket
CSI MasterFormat	05 50 00 – Metal Fabrications
NAICS	332999 – Other Misc. Fabricated Product Manufacturing
UNSPSC	31162502 – L-Shaped Bracket – Angle Bracket
Primary Applications	Angle Rail Equipment & Light Pole Mounting — Provides a bolt-on mounting interface for securing light poles, instrumentation, conduit assemblies, and other compatible equipment to tubular/rounded handrails, stair rails, and industrial walkway rails.
Manufacturing Location	Texas, USA

3. TECHNICAL SPECIFICATIONS

PARAMETER	REQUIREMENT / VALUE
Material	STEEL A36 / STAINLESS STEEL 304/316/ ALUMINUM 5052
Material Thickness	0.38

Overall Dimensions (inches)	9.79x5.00x0.38
Weight (lbs)	2.54
Finish / Coating	ASTM123 Hot Dip Galvanized
Operating Environment	Class 1 Div 2
Tolerances	See technical drawing – provided separately

4. ENGINEERING DRAWING / DIMENSIONS



5. STANDARDS, QUALITY & COMPLIANCE

- ASTM 123 galvanized steel
- ISO 9001:2015 compliant manufacturing standards

6. INSTALLATION & APPLICATION

Installation method

Hardware – Included

2x 1.5" 12-13 Hot Dip Galvanized Angle Bolts

2x 2" 1.5" 12-13 Hot Dip Galvanized U-Bolts



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8x ½-13 Hot Dip Galvanized Hex Nuts

8x ½" SAE Hot Dip Galvanized Flat Washers

8x ½" Hot Dip Galvanized Split Lock



MHK-RA
Installation Instructi

TECHNICAL & PROCUREMENT INFORMATION

Tubular Rail Mounting Bracket Kit • MHK-RA

7. CONFIGURATIONS & OPTIONS

OPTION	STANDARD	CUSTOM / AVAILABLE
Material	Carbon Steel	Stainless Steel, Aluminum
Finish	Hot Dip Galvanized	NA

8. MANUFACTURING & QUALITY

- ASTM A123 for the galvanized coating
- ISO9001:2015 Compliant manufacturing standards

9. TECHNICAL DOCUMENTATION

DOCUMENT	AVAILABILITY
Product Data Sheet	Available Separately
Engineering Drawing	Available Separately
Installation Instructions	See section 6
Certificate of Conformance	Available Separately
Material Certifications	Available Separately
Warranty	Per SF Industries Terms and Conditions of Sale – Available Separately



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10. ORDERING INFORMATION

FIELD	INFORMATION
Manufacturer	SF Industries USA
Manufacturer Part Number	MHK-RT (G / S / A)
Unit of Measure	KIT
Package Quantity	4
Standard Lead Time	4-6 Weeks ARO
Warranty	12 Months from date of shipment
Country of Origin	United States