

Technical drawing of a bolt showing top and side views with dimensions and labels:

- Top View:** Shows the circular head of the bolt with a central hole. Dimension **B** indicates the diameter of the head.
- Side View:** Shows the bolt's profile with dimensions:
 - D**: Diameter of the shank.
 - L**: Total length of the bolt.
 - C**: Length of the threaded portion.
 - M**: Length of the grip range (unthreaded portion).
 - IL**: Length of the unthreaded portion.
- Labels:**
 - THREAD SIZE**: Points to the threaded portion of the bolt.
 - GRIP RANGE**: Points to the unthreaded portion of the bolt.

THREAD SIZE	PART CODE	GRIP RANGE	L	B	C	D	M	IL			HOLE SIZE IN SHEET
			BODY LENGTH	HEAD DIA	HEAD HEIGHT	BODY DIA	INSTALLED LENGTH	STUD LENGTH (AT MAX GRIP)			
		MIN - MAX	±.020	±.010, ±.025*	±.003	MAX	MAX				+ .006/-0
#6-32	6C1IKS	.020 - .080	.485	.390	.030	.265	.360	.500	.625	.750	.266
#6-32	6C2IKS	.080 - .130	.535	.390	.030	.265	.360	.450	.575	.700	.266
#8-32	8C1IKS	.020 - .080	.485	.390	.030	.265	.360	.500	.625	.750	.266
#8-32	8C2IKS	.080 - .130	.535	.390	.030	.265	.360	.450	.575	.700	.266
#10-32	10F1IKS	.020 - .130	.545	.415	.030	.296	.380	.500	.625	.750	.297
#10-32	10F2IKS	.130 - .225	.655	.415	.030	.296	.380	.405	.530	.655	.297
1/4"-20	25C1IKS	.027 - .165	.670	.500	.030	.390	.465	.625	.813	1.000	.391
1/4"-20	25C2IKS	.165 - .260	.770	.500	.030	.390	.465	.530	.718	.905	.391
5/16"-18	31C1IKS	.027 - .150	.810	.685*	.035	.530	.600	.625	.875	1.125	.531
5/16"-18	31C2IKS	.150 - .312	.925	.685*	.035	.530	.555	.463	.713	.963	.531
3/8"-16	37C1IKS	.027 - .150	.810	.685*	.035	.530	.600	.750	1.000	1.250	.531
3/8"-16	37C2IKS	.150 - .312	.925	.685*	.035	.530	.535	.568	.838	1.088	.531

REDRAWN: RE/mhl/6.08.26		APPROVED: RE/6.09.26		APPROVED: RK/6.09.26		APPROVED: (rev,d1) RE/9.14.26	
DESCRIPTION:							
ROUND KNURED BODY, LOW PROFILE HEAD, THIN WALL RIVET STUD							
LIMITS UNLESS STATED	DECIMAL ANGULAR SURFACE TEXTURE	±.015 ±2° 		DIMENSIONS IN INCHES UNLESS OTHERWISE STATED, DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY. REMOVE ALL BURRS & SHARP EDGES		 ORIGINAL SHEET SIZE 8.5" X 11"	
Industrial Rivet & Fastener Co.				35 MAPLE STREET NORWOOD, NJ, 07648 TEL: (201) 750 1040 info@rivet.com			
SHEET: 1 OF 1	SALES	PART# DWG#	AS NOTED ON CHART IKS SERIES			REV: E	
				PROCESSING: MIL. DEPT. TAPPING FINISH COLD CHAMFER ASS'Y FQC PACK		**ALTERNATIVE FINISHES ARE INDICATED BY THE SUFFIX IN THE PART NUMBER AND ARE REFERENCED ON ORDER DOCUMENTS**	
MATERIAL & FINISH SPEC'S							
MAT'L		HEAT TREAT		FINISH			
RIVET NUT: S = STEEL, LOW CARBON 6%-10% THREADED STUD: CARBON STEEL		RIVET NUT - S/R THREADED STUD - HEAT TREATED		Y = ZINC YELLOW ROHS Z = ZINC CLEAR ROHS CN = CAD YELLOW PLATED ZN = ZINC NICKEL			
E	Drawing spec verification						9.14.26
	Nomenclature corrections/update						8.31.26
	Dwg revised/updated, and corrections made						6.09.26
D	Correction: M5 Grip Ranges C1 was 0.5-2.0; C2 was 2.0-3.3						2.26.26
C	Thread Correction: M10x1.50 was M10x1.75						7.11.25
B	'IL' was NOM						5.06.25
A	Dwg Desc revised, Cad finish nomenclature revised,						4.18.25
	Mat'l was L/C Steel, Dim nomenclature revised						
REV	DESCRIPTION						DATE