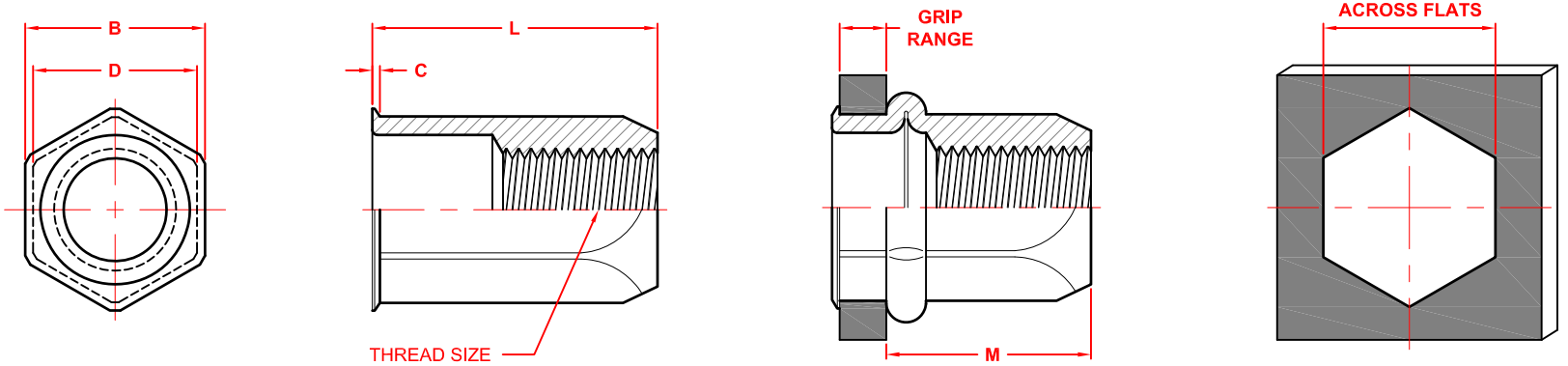
RIVETKING® NHR SERIES - FULL HEX, REDUCED HEAD RIVET NUTS



REV	DESCRIPTION	DATE
C	Drawing spec verification	9.18.26
	Dwg Desc revised, C tol corrected, Brass removed,	4.04.25
	Steel callout revised	
B	.50C2, M4/M6/M8 Dimensional corrections, Pictorials	11.19.24
	corrected, Inch size rivet nuts added to dwg, Metric	
	Head Ht, & IL dimensions added, Zinc Nickel	
	nomenclature corrected	
A	Corrected Hole Depth Designation	12.02.22

METRIC DIMENSIONS - RIVET NUT SPECIFICATIONS

THREAD SIZE	GRIP CODE	GRIP RANGE	PART CODE	L	B	C	D	M	HEX HOLE SIZE
				BODY LENGTH	HEAD DIA ACROSS FLATS	HEAD HEIGHT	BODY DIA ACROSS FLATS	INSTALLED LENGTH	
		MIN - MAX		NOM	MAX	±0.25	±0.13	REF	+0/-0.10
M4x0.7	1	0.50 - 2.00	.40C1NHR	11.00	7.20	0.30	5.90	6.50	6.10
M5x0.8	1	0.50 - 3.00	.50C1NHR	14.00	8.00	0.40	6.90	9.55	7.10
M5x0.8	2	3.00 - 5.50	.50C2NHR	16.00	8.00	0.40	6.90	8.05	7.10
M6x1.0	1	0.50 - 3.00	.60C1NHR	16.00	10.00	0.40	8.90	10.30	9.10
M6x1.0	2	3.00 - 5.50	.60C2NHR	18.00	10.00	0.40	8.90	8.95	9.10
M8x1.25	1	0.50 - 3.50	.80C1NHR	18.00	12.00	0.40	10.95	12.05	11.10
M8x1.25	2	3.00 - 6.00	.80C2NHR	20.50	12.00	0.40	10.95	11.15	11.10
M10x1.50	1	0.50 - 3.50	.100C1NHR	22.00	14.00	0.60	12.95	13.95	13.10
M10x1.50	2	3.50 - 6.00	.100C2NHR	24.00	14.00	0.60	12.95	---	13.10
M12x1.75	1	1.00 - 4.00	.120C1NHR	25.00	17.50	0.60	15.95	---	16.10
M12x1.75	2	4.00 - 8.00	.120C2NHR	28.00	17.50	0.60	15.95	---	16.10

INCH DIMENSIONS - RIVET NUT SPECIFICATIONS

THREAD SIZE	GRIP CODE	GRIP RANGE	PART CODE	L	B	C	D	M	HEX HOLE SIZE
				BODY LENGTH	HEAD DIA A/F	HEAD HEIGHT	BODY DIA A/F	INSTALLED LENGTH	
		MIN - MAX		NOM	MAX	±.010	±.005	REF	+0/-.004
#8-32	1	.020 - .118	8C1NHR	.394	.260	.012	.236	.256	.240
#10-32	1	.020 - .118	10F1NHR	.512	.303	.016	.276	.319	.280
1/4"-20	1	.020 - .118	25C1NHR	.571	.386	.016	.354	.368	.358
1/4"-20	2	.118 - .217	25C2NHR	.650	.386	.016	.354	.350	.358
5/16"-18	1	.020 - .118	31C1NHR	.650	.465	.016	.433	.421	.437
5/16"-18	2	.118 - .217	31C2NHR	.768	.465	.016	.433	.382	.437
3/8"-16	1	.039 - .138	37C1NHR	.827	.551	.024	.512	.486	.516

MATERIAL & FINISH SPEC'S

MAT'L	S = STEEL, LOW CARBON 6%-10% A = ALUMINUM 5056 3 = STAINLESS STEEL, 18-8, 304SS
HEAT TREAT	S/R
SURF. FINISH	Y = ZINC YELLOW Cr3 ROHS COMPLIANT & LUBE Z = ZINC Cr3+ ROHS COMPLIANT & LUBE C = CAD & LUBE ZN = ZINC NICKEL P = PLAIN, CLEANED

****ALTERNATIVE FINISHES ARE INDICATED BY THE SUFFIX IN THE PART NUMBER AND ARE REFERENCED ON ORDER DOCUMENTS****

PROCESSING:

MTL RCPT ⇨ COLDFORM1 ⇨ S/R ⇨ FINISH ⇨
TAPPING ⇨ FINISH ⇨ ASS'LY ⇨ FQC ⇨ PACK

APPROVED: (rev.b5) RE/9.18.26
APPROVED: SS/4.03.25
APPROVED: RK/3.14.25
REDRAWN: CNCastañeda/8.23.24
DESCRIPTION: **FULL HEX BODY, ROUND I.D, REDUCED HEAD RIVET NUT**

DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY. REMOVE ALL BURRS & SHARP EDGES

ORIGINAL SHEET SIZE 8.5" X 11"

LIMITS UNLESS STATED: DECIMAL ±.015, ANGULAR ±2°, SURFACE TEXTURE 125

RIVET KING®
35 MAPLE STREET
NORWOOD, NJ, 07648
TEL: (201) 750 1040
info@rivet.com

REV: C
AS NOTED ON CHART
NHR SERIES
PART#
DWG#
SALES
SHEET: 1 OF 1

Industrial Rivet & Fastener Co.

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