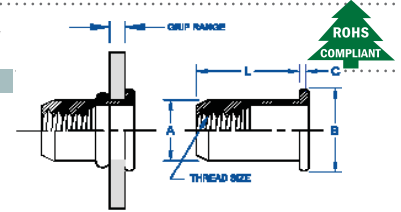




IRL Series™ Large Head · Heavy Duty · Smooth Body

THICKWALL AMERICAN STANDARD RIVETNUTS • FOR HEAVY DUTY APPLICATIONS



IRL SERIES®

The robust IRL series offers higher pullout resistance and increased endurance of the joint and assembly. Spin-Pull tools are NOT recommended for installation of IRL series rivetnuts.

	PART CODE	THREAD SIZE)	GRIP CODE	GRIP RANGE	LENGTH +/-015	HEAD DIA +/-015	HEAD HEIGHT NOMINAL	BODY DIA. +.000/-004	HOLE SIZE +.003/-000
INCH	4C1IRL	4-40 UNC	#1	.010 - .060	.345	.270	.025	.155	.155
	4C2IRL	4-40 UNC	#2	.060 - .085	.370	.270	.025	.155	.155
	4C3IRL	4-40 UNC	#3	.085 - .110	.400	.270	.025	.155	.155
	6C1IRL	6-32 UNC	#1	.010 - .075	.438	.325	.032	.189	.189
	6C2IRL	6-32 UNC	#2	.075 - .120	.500	.325	.032	.189	.189
	6C3IRL	6-32 UNC	#3	.120 - .160	.500	.325	.032	.189	.189
	8C1IRL	8-32 UNC	#1	.010 - .075	.438	.357	.032	.221	.221
	8C2IRL	8-32 UNC	#2	.075 - .120	.500	.357	.032	.221	.221
	8C3IRL	8-32 UNC	#3	.120 - .160	.500	.357	.032	.221	.221
	10C1IRL	10-24 UNC	#1	.010 - .080	.531	.406	.038	.250	.250
	10C2IRL	10-24 UNC	#2	.080 - .130	.594	.406	.038	.250	.250
	10C3IRL	10-24 UNC	#3	.130 - .180	.641	.406	.038	.250	.250
	10F1IRL	10-32 UNF	#1	.010 - .080	.531	.406	.038	.250	.250
	10F2IRL	10-32 UNF	#2	.080 - .130	.594	.406	.038	.250	.250
	10F3IRL	10-32 UNF	#3	.130 - .180	.641	.406	.038	.250	.250
	25C1IRL	1/4-20 UNC	#1	.020 - .080	.625	.475	.058	.332	.332
	25C2IRL	1/4-20 UNC	#2	.080 - .140	.687	.475	.058	.332	.332
	25C3IRL	1/4-20 UNC	#3	.140 - .200	.750	.475	.058	.332	.332
	31C1IRL	5/16-18 UNC	#1	.030 - .125	.750	.665	.062	.413	.413
	31C2IRL	5/16-18 UNC	#2	.125 - .200	.875	.665	.062	.413	.413
	31C3IRL	5/16-18 UNC	#3	.200 - .275	.937	.665	.062	.413	.413
37C1IRL	3/8-16 UNC	#1	.030 - .125	.844	.781	.088	.490	.490	
37C2IRL	3/8-16 UNC	#2	.125 - .200	.938	.781	.088	.490	.490	
37C3IRL	3/8-16 UNC	#3	.200 - .275	1.031	.781	.088	.490	.490	
50C1IRL	1/2-13 UNC	#1	.050 - .150	.906	.906	.085	.625	.625	
50C2IRL	1/2-13 UNC	#2	.150 - .250	1.031	.906	.085	.625	.625	
50C3IRL	1/2-13 UNC	#3	.250 - .350	1.141	.906	.085	.625	.625	
METRIC (MM)	.30C1IRL	M3 x 0,5 ISO	#1	0,25 - 1,00	8,00	6,68	0,63	3,93	3,94
	.30C2IRL	M3 x 0,5 ISO	#2	1,00 - 1,75	8,75	6,68	0,63	3,93	3,94
	.30C3IRL	M3 x 0,5 ISO	#3	1,75 - 2,50	9,50	6,68	0,63	3,93	3,94
	.40C1IRL	M4 x 0,7 ISO	#1	0,25 - 2,00	11,00	9,01	0,81	5,61	5,60
	.40C2IRL	M4 x 0,7 ISO	#2	2,00 - 3,00	12,00	9,01	0,81	5,61	5,60
	.40C3IRL	M4 x 0,7 ISO	#3	3,00 - 4,00	13,00	9,01	0,81	5,61	5,60
	.50C1IRL	M5 x 0,8 ISO	#1	0,25 - 2,00	14,50	11,17	1,22	7,13	7,20
	.50C2IRL	M5 x 0,8 ISO	#2	2,00 - 3,50	16,00	11,17	1,22	7,13	7,20
	.50C3IRL	M5 x 0,8 ISO	#3	3,50 - 5,00	17,50	11,17	1,22	7,13	7,20
	.60C1IRL	M6 x 1,0 ISO	#1	0,75 - 2,00	15,50	13,43	1,47	8,43	8,50
	.60C2IRL	M6 x 1,0 ISO	#2	2,00 - 3,50	17,00	13,43	1,47	8,43	8,50
	.60C3IRL	M6 x 1,0 ISO	#3	3,50 - 5,00	18,50	13,43	1,47	8,43	8,50
	.80C1IRL	M8 x 1,25 ISO	#1	1,00 - 3,00	18,00	16,65	1,57	10,48	10,50
	.80C2IRL	M8 x 1,25 ISO	#2	3,00 - 5,00	20,00	16,65	1,57	10,48	10,50
	.80C3IRL	M8 x 1,25 ISO	#3	5,00 - 7,00	22,00	16,65	1,57	10,48	10,50
	.100C1IRL	M10 x 1,5 ISO	#1	1,00 - 3,00	20,00	19,50	2,23	12,44	12,50
	.100C2IRL	M10 x 1,5 ISO	#2	3,00 - 5,50	22,50	19,50	2,23	12,44	12,50
	.100C3IRL	M10 x 1,5 ISO	#3	5,50 - 8,00	25,00	19,50	2,23	12,44	12,50
.120C1IRL	M12 x 1,75 ISO	#1	1,00 - 3,00	24,00	22,79	2,23	15,46	15,50	
.120C2IRL	M12 x 1,75 ISO	#2	3,00 - 5,50	26,50	22,79	2,23	15,46	15,50	
.120C3IRL	M12 x 1,75 ISO	#3	5,50 - 8,00	29,00	22,79	2,23	15,46	15,50	

RIVETNUTS

LONGER GRIP RANGES AND CLOSED END PARTS ARE AVAILABLE UPON REQUEST

THE PART NUMBER IS COMPLETE BY ADDING THE MATERIAL AND FINISH CODES AS A SUFFIX TO THE PART CODE:

MATERIAL/FINISH CODES: SY = Steel, Zinc Yellow ROHS †
 SZ = Steel, Zinc Clear ROHS
 SC = Steel, Cad Yellow Plated
 AP = Aluminum, Plain †
 3P = 18-8 Stainless Steel, Plain †

EXAMPLE:
 Part Code 6C1IRL in Steel,
 Zinc Yellow Plating is... 6C1IRLSZ

† Indicates stocked configurations