

HOW TO SELECT THE PROPER PENN-CRIMP

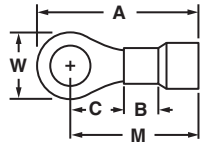
CATALOG NO.
EXAMPLE

	R TONGUE	4 BARREL SIZE	B WIRE RANGE	6 STUD SIZE	S SPECIAL
	TONGUE	SEE GENERAL INDEX FOR LETTER CODE			
	1 - BUTTED SEAM	PURE ELECTROLYTIC COPPER, ANNEALED, ELECTRO-TIN PLATED FOR CORROSION RESISTANCE, DESIGNED WITH DEEP INTERNAL SERRATIONS FOR FIRM WIRE GRIP.			
	2 - BRAZED SEAM	SAME AS TYPE 1 EXCEPT WITH A BRAZED SEAM TO ASSURE MAXIMUM STRENGTH OF WIRE TERMINATIONS.			
BARREL TYPE	4 - VINYL INSULATION	SAME AS TYPE 1 WITH A NEMA COLOR-CODED, FUNNELED, VINYL INSULATING SLEEVE WHICH WHEN CRIMPED, GRIPS THE WIRE INSULATION TO AVOID FLEXING AT POINT OF CRIMPS, UL RATED AT 90° C, 600 V.			
	4N - NYLON INSULATION NO BRASS SLEEVE	SAME AS TYPE 1 WITH COLOR-CODED NYLON INSULATING SLEEVE WITHOUT BRASS SLEEVE. UL RATED AT 105° C, 600 V.			
	6 - NYLON INSULATION BRASS SLEEVE	SAME AS TYPE 1 WITH NEMA COLOR CODED, NYLON INSULATING SLEEVE OR OVER A TIN PLATED BRASS SLEEVE WHICH OFFERS MAXIMUM CRIMP STRENGTH WHERE EXTREME VIBRATION AND FLEXING ARE ENCOUNTERED. UL RATED AT 105° C, 600 V.			
	7 - SEAMLESS TUBE	PURE ELECTROLYTIC COPPER, SEAMLESS, ANNEALED AND ELECTRO-TIN PLATED FOR EXTRA STRENGTH IN A CRIMP			
	8 - NYLON INSULATION SEAMLESS TUBE	SAME AS TYPE 7 WITH A NYLON INSULATION FOR USE WHERE EXCESSIVE VIBRATION ENVIRONMENT ARE ENCOUNTERED.			
	9 - HI-TEMPERATURE	NICKEL-PLATED, COLD ROLLED STEEL, BUTTED SEAM TERMINALS FOR TEMPERATURES UP TO 900 DEGREES F.			

WIRE RANGE		STUD SIZE	0 - #0	56 - 5/16"	SPECIAL
0 - 26-24	D - 16-12		2 - #2	38 - 3/8"	
A - 22-18	E - 8		4 - #4	50 - 1/2"	___ BLANK ---STANDARD S - SMALL/NARROW TONGUE F - FULLY INSULATED - HS PRE INSULATED HEAT SHRINKABLE.
B - 16-14	F - 6		6 - #6	110 - .110 NEMA TAB	
C - 12-10	G - 4		8 - #8	187 - .187 NEMA TAB	
			10 - #10	250 - .250 NEMA TAB	
			14 - 1/4"		

COPPER PENN-CRIMPS® • TYPE R6

Nylon insulated ring terminal



Durable, Type R1 high conductivity copper construction, butted seam, with tin-plated brass sleeve and NEMA color coded nylon insulation. Brass sleeve and nylon insulation offer maximum barrel crimp strength for the highest quality reliable terminations. Three piece construction protects against severe conditions, especially where extreme vibration and flexing occur. Exceeds UL and CSA requirements, guaranteeing a high quality connection.

Catalog Number	Copper Cond. Range	Stud Size	Color Code (ins)	Stock Size (in)	Max. Insul. Diam.	Approx. Dimen. in Inches					
						A	W	C	M	B	ID
R6A-6	22-18	6	R	.030	.15	.91	.31	.28	.75	.250	.070
R6A-6S	22-18	6	R	.030	.15	.86	.25	.28	.75	.250	.070
R6A-8	22-18	8	R	.030	.15	.91	.31	.28	.75	.250	.070
R6A-8S	22-18	8	R	.030	.15	.86	.25	.28	.75	.250	.070
R6A-10	22-18	10	R	.030	.15	.91	.31	.28	.75	.250	.070
R6A-14	22-18	1/4	R	.030	.15	1.14	.53	.42	.87	.250	.070
R6A-14S	22-18	1/4	R	.030	.15	1.14	.46	.42	.87	.250	.070
R6A-56	22-18	5/16	R	.030	.15	1.14	.53	.42	.87	.250	.070
R6A-56S	22-18	5/16	R	.030	.15	1.14	.46	.42	.87	.250	.070
R6A-38	22-18	3/8	R	.030	.15	1.14	.53	.42	.87	.250	.070
R6B-6	16-14	6	B	.030	.18	.94	.31	.28	.78	.250	.090
R6B-6S	16-14	6	B	.030	.18	.88	.25	.28	.78	.250	.090
R6B-8	16-14	8	B	.030	.18	.94	.31	.28	.78	.250	.090
R6B-8S	16-14	8	B	.030	.18	.88	.25	.28	.78	.250	.090
R6B-10	16-14	10	B	.030	.18	.94	.31	.28	.78	.250	.090
R6B-14	16-14	1/4	B	.030	.18	1.04	.53	.42	.90	.250	.090
R6B-14S	16-14	1/4	B	.030	.18	1.06	.46	.42	.90	.250	.090
R6B-56	16-14	5/16	B	.030	.18	1.04	.53	.42	.90	.250	.090
R6B-56S	16-14	5/16	B	.030	.18	1.06	.46	.42	.90	.250	.090
R6B-38	16-14	3/8	B	.030	.18	1.06	.53	.42	.90	.250	.090
R6C-6	12-10	6	Y	.040	.25	1.06	.38	.28	.83	.250	.130
R6C-6S	12-10	6	Y	.040	.25	1.00	.28	.28	.83	.250	.130
R6C-8	12-10	8	Y	.040	.25	1.06	.38	.28	.83	.250	.130
R6C-8S	12-10	8	Y	.040	.25	1.00	.28	.28	.83	.250	.130
R6C-10	12-10	10	Y	.040	.25	1.06	.38	.28	.83	.250	.130
R6C-14	12-10	1/4	Y	.040	.25	1.28	.61	.31	.95	.250	.130
R6C-14S	12-10	1/4	Y	.040	.25	1.22	.53	.44	.95	.250	.130
R6C-56	12-10	5/16	Y	.040	.25	1.28	.61	.44	.95	.250	.130
R6C-56S	12-10	5/16	Y	.040	.25	1.22	.53	.44	.95	.250	.130
R6C-38	12-10	3/8	Y	.040	.25	1.28	.58	.44	.95	.250	.130
R6D-6	16-12	6	Y	.050	.25	1.00	.38	.25	.79	.250	.115
R6D-6S	16-12	6	Y	.050	.25	.95	.28	.25	.79	.250	.115
R6D-8	16-12	8	Y	.050	.25	1.00	.38	.25	.79	.250	.115
R6D-8S	16-12	8	Y	.050	.25	.95	.28	.25	.79	.250	.115
R6D-10	16-12	10	Y	.050	.25	1.00	.38	.25	.79	.250	.115
R6D-14	16-12	1/4	Y	.050	.25	1.28	.61	.44	.93	.250	.115
R6D-14S	16-12	1/4	Y	.050	.25	1.22	.53	.44	.93	.250	.115
R6D-56	16-12	5/16	Y	.050	.25	1.28	.61	.44	.93	.250	.115
R6D-38	16-12	3/8	Y	.050	.25	1.28	.61	.44	.93	.250	.115