

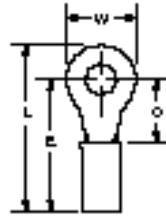


**PIDG (Pre-Insulated Diamond Grip)** (Continued)

PIDG

**Ring Tongue Terminals**

(Continued)



**Material**

**Insulation** — Nylon, UL 94V-2  
**Terminal Body and Metallic Sleeve** — Copper per ASTM B-152  
**Plating** — Tin per ASTM B-545

**Related Product Data**

**Insulation Color Code** — pg. 4  
**Packaging Quantities** — pg. 4  
**Performance Specifications** — pgs. 4 & 5  
**Application Tooling** — pg. 72

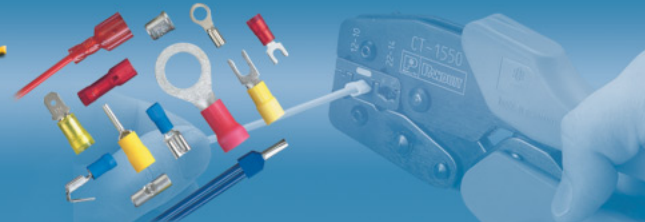
Wire Size Circular Mills [mm <sup>2</sup> ]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted		
22-16 509-3,260 [0.26-1.65]	.033 0.84	1/4 M6	.469	.437	.841	1.078	Red	.125 3.18	320571*	2-320571-2		
			11.91	11.10	21.36	27.38	Black	.125 3.18	55936-1	55936-2		
		5/16 M8	.469	.437	.841	1.078	Red	.140 3.56	31894*	2-31894-2		
			11.91	11.10	21.36	27.38	Red	.125 3.18	320572*	2-320572-1		
		3/8	.469	.437	.841	1.078	Red	.140 3.56	31895*	2-31895-1		
			11.91	11.10	21.36	27.38	Red	.125 3.18	324123	—		
		1/2 M12	.531	.546	.950	1.218	Red	.125 3.18	320573*	2-320573-4		
			13.49	13.87	24.13	30.94	Red	.140 3.56	31897*	2-31897-2		
		10	.656	.437	.841	1.171	Red	.125 3.18	321522	—		
			16.66	11.10	21.36	29.74	Red	.125 3.18	328975*	—		
		20-16HD <sup>1</sup> 992-2,800 [0.50-1.42]	.042 1.07	2 M2	.469	.312	.718	.955	Blue	.150 3.81	150247	—
					11.91	7.92	18.24	24.26	Blue	.170 4.32	324993	—
4	.250			.171	.575	.703	Blue	.150 3.81	324159*	2-324159-2		
	6.35			4.34	14.61	17.86	Blue	.170 4.32	328996*	2-328996-1		
6	.250			.171	.575	.703	Blue	.150 3.81	323676	—		
	6.35			4.34	14.61	17.86	Blue	.150 3.81	320561*	2-320561-2		
8	.250			.171	.575	.703	Blue	.170 4.32	320619*	2-320619-1		
	6.35			4.34	14.61	17.86	Blue	.170 4.32	50881	50881-2		
M3.5	.250			.281	.685	.813	Blue	.170 4.32	50881	50881-2		
	6.35			7.14	17.40	20.65	Blue	.170 4.32	326882*	2-326882-1		
M4	.312			.250	.654	.813	Blue	.150 3.81	51864*	51864-3		
	7.92			6.35	16.61	20.65	Blue	.150 3.81	36157*	2-36157-2		
8	.343	.281	.685	.859	Blue	.150 3.81	36157*	2-36157-2				
	8.71	7.14	17.40	21.82	Blue	.170 4.32	36158*	2-36158-1				
M4	.343	.281	.685	.859	Blue	.170 4.32	53941-1*	53941-2				
	8.71	7.14	17.40	21.82	Blue	.150 3.81	51864-1*	51864-5				
M4	.312	.250	.654	.813	Blue	.150 3.81	51864-1*	51864-5				
	7.92	6.35	16.61	20.65	Blue	.150 3.81	320560*	2-320560-1				
M4	.343	.281	.685	.859	Blue	.150 3.81	320560*	2-320560-1				
	8.71	7.14	17.40	21.82	Blue	.170 4.32	320565*	2-320565-1				

\*Available in small packaging quantities.

<sup>1</sup>Heavy duty for extra mechanical strength.

**Note:** "C" dimension applies from edge of metal wire barrel to center of stud hole.

# Easy Selection Guide for PAN-TERM® Terminals



WIRE RANGE	STUD SIZE	COLOR CODE	RING TERMINALS			FORK TERMINALS			LOCKING FORK TERMINALS		
			NON-INSULATED	VINYL INSULATED	NYLON INSULATED	NON-INSULATED	VINYL INSULATED	NYLON INSULATED	NON-INSULATED	VINYL INSULATED	NYLON INSULATED
22-18	4	Red	P18-4R	PV18-4R	PN18-4R	—	—	—	—	—	—
	6		P18-6R	PV18-6R	PN18-6R	P18-6F	PV18-6F	PN18-6F	P18-6LF	PV18-6LF	PN18-6LF
	8		P18-8R	PV18-8R	PN18-8R	P18-8F	PV18-8F	PN18-8F	P18-8LF	PV18-8LF	PN18-8LF
	10		P18-10R	PV18-10R	PN18-10R	P18-10F	PV18-10F	PN18-10F	P18-10LF	PV18-10LF	PN18-10LF
	1/4"		P18-14R	PV18-14R	PN18-14R	P18-14F	—	—	—	—	—
	1/2"		P18-12R	PV18-12R	PN18-12R	—	—	—	—	—	—
	5/16"		P18-56R	PV18-56R	PN18-56R	—	—	—	—	—	—
	3/8"		P18-38R	PV18-38R	PN18-38R	—	—	—	—	—	—
6, 8, 10*	P18-610R	PV18-610R	PN18-610R	—	—	—	—	—	—	—	
16-14	4	Blue	P14-4R	PV14-4R	PN14-4R	—	—	—	—	—	—
	6		P14-6R	PV14-6R	PN14-6R	P14-6F	PV14-6F	PN14-6F	P14-6LF	PV14-6LF	PN14-6LF
	8		P14-8R	PV14-8R	PN14-8R	P14-8F	PV14-8F	PN14-8F	P14-8LF	PV14-8LF	PN14-8LF
	10		P14-10R	PV14-10R	PN14-10R	P14-10F	PV14-10F	PN14-10F	P14-10LF	PV14-10LF	PN14-10LF
	1/4"		P14-14R	PV14-14R	PN14-14R	P14-14F	—	—	—	—	—
	1/2"		P14-12R	PV14-12R	PN14-12R	—	—	—	—	—	—
	5/16"		P14-56R	PV14-56R	PN14-56R	—	—	—	—	—	—
	3/8"		P14-38R	PV14-38R	PN14-38R	—	—	—	—	—	—
6, 8, 10*	P14-610R	PV14-610R	PN14-610R	—	—	—	—	—	—	—	
12-10	6	Yellow	P10-6R	PV10-6R	PN10-6R	P10-6F	PV10-6F	PN10-6F	P10-6LF	PV10-6LF	PN10-6LF
	8		P10-8R	PV10-8R	PN10-8R	P10-8F	PV10-8F	PN10-8F	P10-8LF	PV10-8LF	PN10-8LF
	10		P10-10R	PV10-10R	PN10-10R	P10-10F	PV10-10F	PN10-10F	P10-10LF	PV10-10LF	PN10-10LF
	1/4"		P10-14R	PV10-14R	PN10-14R	P10-14F	PV10-14F	PN10-14F	P10-14LF	PV10-14LF	PN10-14LF
	1/2"		P10-12R	PV10-12R	PN10-12R	—	—	—	—	—	—
	5/16"		P10-56R	PV10-56R	PN10-56R	—	—	—	—	—	—
	3/8"		P10-38R	PV10-38R	PN10-38R	—	—	—	—	—	—
	6, 8, 10*		P10-610R	PV10-610R	PN10-610R	—	—	—	—	—	—

\*Multiple stud size terminals utilize teardrop shaped stud hole for use with #6, #8 and #10 size studs.

WIRE RANGE	TAB SIZE	COLOR CODE	FEMALE DISCONNECTS				
			NON-INSULATED	VINYL BARREL INSULATED	VINYL BARREL INSULATED (Ins. Grip)	NYLON BARREL INSULATED (Ins. Grip)	NYLON FULLY INSULATED*
22-18	.110 x .032	Red	—	—	—	DNF18-110	DNF18-110FIB
	.110 x .020		—	—	—	—	—
	.187 x .032		D18-187	DV18-187B	DVF18-187	DNF18-111	DNF18-111FIB
	.187 x .020		D18-188	DV18-188B	DVF18-188	DNF18-187	DNF18-187FIB
	.205 x .032		—	DV18-205B	DVF18-205	DNF18-188	DNF18-188FIB
16-14	.110 x .032	Blue	—	—	—	DNF14-110	DNF14-110FIB
	.110 x .020		—	—	—	—	—
	.187 x .032		D14-187	DV14-187B	DVF14-187	DNF14-187	DNF14-187FIB
	.187 x .020		D14-188	DV14-188B	DVF14-188	DNF14-188	DNF14-188FIB
	.205 x .032		—	DV14-205B	DVF14-205	DNF14-205	DNF14-205FIB
12-10	.250 x .032	Yellow	D10-250	DV10-250	—	—	DNF10-250FI
	.205 x .020		—	—	—	—	—
	.250 x .032		—	—	—	—	—

\*For premium nylon replace DNF with DPF.

## Stud Size Chart with PANDUIT Bolt Hole Sizes

Standard Stud Size	Bolt Hole Sizes								
	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"	1/2"
Stud Size	—	—	—	—	—	—	—	—	—
Decimal Equiv.	.127"	.138"	.164"	.190"	.250"	.312"	.375"	.438"	.500"
Terminal Hole Dia.	.127"	.146"	.173"	.204"	.270"	.343"	.392"	.456"	.531"

Note: All warranties, including merchantability and fitness for a particular purpose, are excluded. User is responsible to determine suitability of product for intended use.

## PANDUIT® DRY-SHRINK™ Heat Shrink Tubing

Recommended Tubing Size for Common Wire Types

- Recommended tubing size for use with PANDUIT® PAN-TERM® Terminals
- Recommended part number will cover both terminal and wire insulation

STYLE	WIRE RANGE	RECOMMENDED TUBING SIZE
P22-RING P22-FORK BS22-BUTT	26-22	HSTT12-48-Q
P18-RING P18-FORK BS18-BUTT	22-18	HSTT19-48-Q
P14-RING P14-FORK BS14-BUTT	16-14	HSTT19-48-Q
P10-RING P10-FORK BS10-BUTT	12-10	HSTT25-48-Q

NYLON INSULATED WIRE JOINTS				
WIRE RANGE	CMA RANGE		PART NUMBER	
	MIN.	MAX.		
2#24	2#16	808	5160	JN224-318
2#22	2#16	1284	5160	JN218-216
4#18	2#12	6480	14750	JN418-212
3#14	4#12	10320	26120	JN314-412

BUTT SPLICES				
WIRE RANGE	COLOR	NON-INSULATED	VINYL INSULATED	NYLON INSULATED
26-22	Yellow	BS22*	—	BSN22*
22-18	Red	BS18	BSV18X	BSN18
16-14	Blue	BS14	BSV14X	BSN14
12-10	Yellow	BS10	BSV10X	BSN10

\*Not UL Listed or CSA Certified.

FERRULE END SLEEVES		
WIRE RANGE	STYLE	PART NUMBER
14	DIN	FSD80-12
8	DIN	FSD83-12
10	DIN	FTD82-14
1	NON-INS	F87-18

FERRULE KITS		
WIRE RANGE	STYLE	PART NUMBER
24-18	DIN	KP-FSD1
22-14	DIN	KP-FSD2
12-6	DIN	KP-FSD3
22-14	NON-INS	KP-F1
12-6	NON-INS	KP-F2