

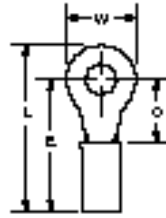


**PIDG (Pre-Insulated Diamond Grip)** (Continued)

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

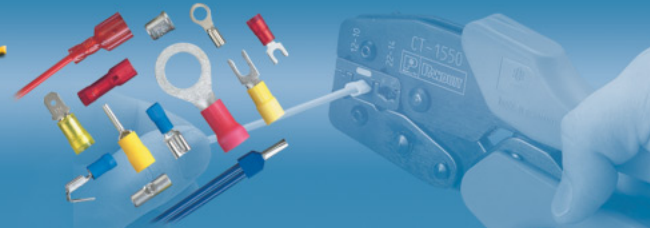
Wire Size Circular Mills [mm <sup>2</sup> ]	Tongue Material Thickness Max.	Stud Size	Dimensions				Terminal Insulation Color	Wire Insulation Diameter Max.	Part Numbers			
			W	C Min.	E Max.	L Max.			Loose Piece	Tape Mounted		
22-16 509-3,260 [0.26-1.65]	.033 0.84	1/4 M6	.469	.437	.841	1.078	Red	.125 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 M3.5	.250			.171	.575	.703	Blue	.150 3.81	323676	—		
	6.35			7.14	17.40	20.65	Blue	.150 3.81	320561*	2-320561-2		
8 M4	.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		
8 M4	.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		
8 M4	.312			.250	.654	.813	Blue	.170 4.32	326882*	2-326882-1		
	7.92			6.35	16.61	20.65	Blue	.150 3.81	51864*	51864-3		
8 M4	.312	.281	.685	.844	Blue	.150 3.81	51864*	51864-3				
	7.92	7.14	17.40	21.44	Blue	.150 3.81	36157*	2-36157-2				
8 M4	.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				
8 M4	.343	.281	.685	.859	Blue	.170 4.32	36158*	2-36158-1				
	8.71	7.14	17.40	21.82	Blue	.170 4.32	53941-1*	53941-2				
8 M4	.312	.250	.654	.813	Blue	.170 4.32	53941-1*	53941-2				
	7.92	6.35	16.61	20.65	Blue	.150 3.81	51864-1*	51864-5				
8 M4	.312	.281	.685	.844	Blue	.150 3.81	51864-1*	51864-5				
	7.92	7.14	17.40	21.44	Blue	.150 3.81	320560*	2-320560-1				
8 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



		COLOR CODE	RING TERMINALS			FORK TERMINALS			LOCKING FORK TERMINALS		
WIRE RANGE	STUD SIZE		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.

		COLOR CODE	FEMALE DISCONNECTS				
WIRE RANGE	TAB SIZE		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		—	—	—	DNF18-111	DNF18-111FIB
	.187 x .032		D18-187	DV18-187B	DVF18-187	DNF18-187	DNF18-187FIB
	.187 x .020		D18-188	DV18-188B	DVF18-188	DNF18-188	DNF18-188FIB
	.205 x .032		—	DV18-205B	DVF18-205	DNF18-205	DNF18-205FIB
	.205 x .020		—	DV18-206B	DVF18-206	DNF18-206	DNF18-206FIB
.250 x .032	D18-250	DV18-250B	DVF18-250	DNF18-250	DNF18-250FIB		
16-14	.110 x .032	Blue	—	—	—	DNF14-110	—
	.110 x .020		—	—	—	DNF14-111	—
	.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
	.205 x .020		—	DV14-206B	DVF14-206	DNF14-206	DNF14-206FIB
.250 x .032	D14-250	DV14-250B	DVF14-250	DNF14-250	DNF14-250FIB		
12-10	.250 x .032	Yellow	D10-250	DV10-250	—	—	DNF10-250FI

\*For premium nylon replace DNF with DPF.

NYLON INSULATED WIRE JOINTS				
WIRE RANGE		CMA RANGE		PART NUMBER
MIN.	MAX.	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.

## 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	.127"	.138"	.164"	.190"	.250"	.312"	.375"	.438"	.500"
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.

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

## 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

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