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Easy Selection Guide for Pan-Term® Terminals



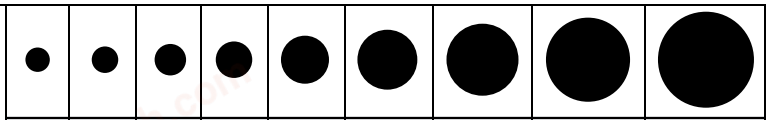
WIRE RANGE◆	STUD SIZE	COLOR CODE	RING TERMINALS			FORK TERMINALS			LOCKING FORK TERMINALS		
			NON-INSULATED◆	VINYL INSULATED	NYLON INSULATED	NON-INSULATED	VINYL INSULATED	NYLON INSULATED	NON-INSULATED	VINYL INSULATED	NYLON INSULATED
22-18	4 6 8 10 1/4" 1/2" 5/16" 3/8"		P18-4R P18-6R P18-8R P18-10R P18-14R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

◆Expanded wire range for non-insulated ring terminals; type P18 = 22-16, type P14 = 18-14, and type P10 = 14-10.

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		—	—	—	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		—	—	—	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		D10-250	DV10-250	—	—	DNF10-250FI

*For premium nylon replace DNF with DPF.

Stud Size Chart with Panduit Bolt Hole Sizes



Standard Stud Size	#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.	.130"	.147"	.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.	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		BS22*	—	BSN22*
22-18		BS18	BSV18X	BSN18
16-14		BS14	BSV14X	BSN14
12-10		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

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Recommended Crimping Tool Selection Chart

See product package or customer service for UL/CSA approved tooling/product combination

Panduit® Pan-Term® Terminal Series	Terminal Description	Wire Range	Wire Strip Length	Plier Tools				Controlled Cycle Hand Tools								
		Standard Wire Range (AWG)	(+1/32-0) (In.)	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550/ CT-1551	CT-1570	CT-2500
BS	Non-Insulated Butt Splices	26-22	1/4	X	X											
		22-18	9/32	X	X	X	X								X	X
		16-14	9/32	X	X	X	X								X	X
		12-10	9/32	X	X	X	X								X	X
BSN	Nylon Insulated Butt Splices	26-22	1/4	X									X			
		22-18	9/32	X			X		X					X		X
		16-14	9/32	X	X		X		X	X				X		X
		12-10	9/32	X	X		X			X				X		X
BSV	Vinyl Insulated Butt Splices	22-18	5/16	X	X		X		X					X	X	X
		16-14	5/16	X	X		X		X	X				X	X	X
		12-10	5/16	X	X		X			X				X	X	X
D **DR**	Non-Insulated Sleeved Barrel Disconnects (Includes Right Angle Disc.)	22-18	9/32	X	X	X	X								X	X
		16-14	9/32	X	X	X	X								X	X
		12-10	9/32	X	X	X	X								X	X
D-MB	Non-Insulated Right Angle Female Disc. and Non-Insulated Male Butted Seam Disconnect	22-18	9/32	X	X	X	X									
		16-14	9/32	X	X	X	X									
D-M	Non-Insulated Male Blade Adapters	22-18	9/32	X	X	X	X								X	X
		16-14	9/32	X	X	X	X								X	X
D-M	Non-Insulated Male Disc.	12-10	9/32	X		X	X								X	X
DNF	Nylon Funnel Entry Barrel Insulated Disconnects (not .110/.111)	22-18	9/32		X		X		X							X
		16-14	9/32		X		X		X	X				X		X
DNF-110 **DNF-111**	Nylon, Funnel Entry Barrel Insulated Disc. .110/.111 Tab Size	22-18	7/32	X									X			X
		16-14	9/32		X									X		X
DNF-FI	Nylon, Fully Insulated Disc.	12-10	3/8	X	X		X			X				X		X
DPF-FI	Premium Nylon, Fully Ins. Disc.	12-10	3/8	X	X		X			X				X		X
DNF-FIB **DNF-FIM** **DNF-FIMB** **DPF-FIB** **DPF-FIM** **DPF-FIMB**	Nylon and Premium Grade Nylon, Fully Insulated, Funnel Entry, Male/Female Couplers (not .110/.111)	22-18	9/32	X									X			X
		16-14	9/32	X									X			X
		12-10	3/8										X			X
DNF-FIB **DPF-FIB**	Nylon and Premium Grade Nylon, Fully Insulated, Funnel Entry, Disconnect .110/.111 Tab Size	22-18	7/32	X									X			X
DNF-FIBX	Nylon, Expanded Wire Entry Fully Insulated	22-18	9/32	X									X			X
		16-14	9/32	X												X
DNG-FB	Supra Grip Nylon Fully Insulated Disconnect	22-18	1/4									X				
		16-14	1/4									X				
DNF-M	Nylon Insulated, Funnel Entry, Barrel Insulated, Male Disconnects	22-18	9/32	X	X		X							X		X
		16-14	9/32	X	X		X							X		X
		12-10	9/32	X	X		X			X				X		X
DNFR-FIB	Nylon Butted Seam Right Angle Disconnects	22-18	11/32					X								
		16-14	11/32					X								
DNFR-B	Nylon Pre-Insulated Right Angle Disconnects	22-18	9/32	X									X			
		16-14	9/32	X									X			
DV-B	Vinyl Insulated Butted Seam Disconnects	22-18	1/4	X									X			X
		16-14	1/4	X									X			X
DV	Vinyl Barrel Insulated Sleeved Disconnects	12-10	9/32	X										X		X
DV-M	Vinyl Insulated Male Blade Adapters	22-18	9/32	X	X		X		X					X		X
		16-14	9/32	X	X		X		X	X				X		X
DV-MB	Vinyl Insulated Butted Seam Male Disconnects	22-18	9/32	X					X				X			X
		16-14	9/32	X					X	X			X			X
DV-M	Vinyl Insulated Male Disc.	12-10	9/32	X			X									X
DV-P	Vinyl Insulated Piggyback Disconnects	22-18	1/4	X	X		X							X		X
		16-14	1/4	X	X		X							X		X
DVF	Vinyl Funnel Entry Barrel Insulated Disconnect	22-18	9/32											X		X
		16-14	9/32											X		X
J	Non-Insulated Wire Joints J214-312 J318-412 J216-410	14-12	1/2	X		X										
		18-12	1/2	X		X										
		16-10	3/4			X										

Panduit® Pan-Term® Terminal Series	Terminal Description	Wire Range	Wire Strip Length	Plier Tools				Controlled Cycle Hand Tools								
		Standard Wire Range (AWG)	(+1/32-0) (In.)	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550/ CT-1551	CT-1570	CT-2500
JN	Nylon JN224-318 Insulated JN218-216 Wire JN418-212 Joints JN314-412	24-16	7/16	X			X		X					X		X
		22-16	7/16	X					X					X		X
		18-12	1/2	X						X				X		X
		14-12	5/8		X											
P-R **P-F** **P-LF** **P-SLF** **P-FF**	Non-Insulated Rings, Forks, Locking Forks, Short Locking Forks, Flanged Forks	26-22	3/16	X		X	X									
		22-18	7/32	X	X	X	X								X	X
		16-14	7/32	X	X	X	X								X	X
		12-10	9/32	X	X	X	X								X	X
P-RHT6	High Temperature Rings	22-18	9/32	X	X	X	X								X	X
		16-14	9/32	X	X	X	X								X	X
		12-10	9/32	X	X	X	X								X	X
P-HDR	Non-Insulated Heavy Duty	16-12	9/32	X		X	X								X	X
P-P	Non-Insulated, Pin Terminals	22-18	9/32	X	X	X	X								X	X
		16-14	9/32	X	X	X	X								X	X
		12-10	9/32	X	X	X	X								X	X
P-R	Non-Insulated Large Ring Terminal	8 6 4 2	3/8 7/16 1/2 1/2	Use CT-1701 Crimping Tool CT-2600 with CD-2600-P2 thru P8 dies												
PN-R **PN-F** **PN-LF** **PN-FF** **PNF-R** **PNF-F** **PNF-LF**	Nylon and Nylon Funnel Entry, Forks, Locking Forks, Flanged Forks (Includes Expanded Insulation)	26-22	3/16	X									X			X
		22-18	7/32	X					X					X		X
		16-14	7/32	X					X	X				X		X
		12-10	9/32	X						X				X		X
PK-R	KYNAR** Rings	22-18	7/32	X			X		X	X				X		X
		16-14	7/32	X			X		X	X				X		X
		12-10	9/32	X						X				X		X
PN-HDR **PN-HDRX**	Nylon Insulated Heavy Duty & Nylon Expanded Insulated Heavy Duty Rings	16-12	9/32							X				X		X
PN-RX	Nylon Insulated Rings (Expanded Insulation)	16-14	7/32	X					X	X				X		X
		12-10	9/32	X						X				X		X
PN-SLF **PNF-SLF**	Nylon Insulated Short Locking Forks	22-18	7/32						X					X		X
		16-14	7/32						X	X				X		X
		12-10	9/32							X				X		X
PS	Non-Insulated Parallel Splice	22-18	5/16	X		X	X									
		20-16	5/16	X		X	X									
		14-12	7/16	X		X	X									
PSN	Nylon Insulated Parallel Splice	22-18	5/16										X			X
		20-16	5/16	X	X		X						X			X
		14-12	7/16										X			X
PV-R **PV-F** **PV-FF** **PV-RX** **PV-FX**	Vinyl Insulated Rings and Forks (Includes Expanded Insulation)	26-22	3/16	X									X			X
		22-18	5/16	X	X		X		X					X		X
		16-14	5/16	X	X		X		X	X				X		X
		12-10	5/16	X	X		X			X				X		X
PV-LF **PV-LFX**	Vinyl Insulated Locking Forks (Includes Expanded Insulation)	22-18	5/16	X			X		X					X		X
		16-14	5/16	X					X	X				X		X
		12-10	5/16	X		X				X				X		X
PV-HDR **PV-HDRX**	Vinyl Insulated Heavy Duty Rings	16-12	5/16							X				X		X
PV-P	Vinyl Insulated Pin Terminals	22-18	5/16	X	X		X							X		X
		16-14	5/16	X	X		X							X		X
		12-10	5/16	X	X		X							X		X
PV-SLF	Vinyl Insulated Short Locking Forks	22-18	5/16						X					X		X
		16-14	5/16						X	X				X		X
		12-10	5/16											X		X
PV-R **PV-RX**	Vinyl Insulated Large Ring Terminals	8 6 4 2	3/8 7/16 1/2 1/2	Use CT-720 Tool with CD-720PV8-2 Die CT-2600 with CD-2600-PV2 thru PV8 dies												
PH **BSH**	Heat Shrink Terminals and Splices	22-18	5/16	Use CT-310 Crimping Tool												
		16-14	5/16													
		12-10	5/16													
DNH	Heat Shrink Disconnects	22-18	5/16													
		16-14	5/16													
		12-10	5/16													

**KYNAR is a registered trademark of Atofina Chemicals, Inc.

Pan-Term® Terminal Crimping Tools

HAND OPERATED – Plier Type

CT-100A Tool
Crimps #22 thru #10 insulated and non-insulated terminal products. Cuts #4, 6, 8, and 10 screws.

CT-160 Tool
Crimps #22 thru #10 insulated and non-insulated terminal products. Cuts 3 U.S. and 3 meter bolt sizes.

CT-200 Forged Steel Tool
Crimps #22 thru #10 non-insulated terminal products.

CT-260 Forged Steel Tool
Crimps most Panduit #22 thru #10 insulated and non-insulated terminal pockets.

HAND OPERATED – Controlled Cycle Type

CT-1525
Crimps Panduit #26 thru #22 AWG insulated terminals and splices #22 thru #10 AWG fully insulated disconnects and insulated parallel splices. Crimps specific Panduit #22 thru #14 AWG barrel insulated disconnects.

CT-1550 /CT-1551
Crimps most Panduit #22 thru #10 AWG nylon and vinyl insulated terminals and splices. Crimps specific Panduit #22 thru #10 AWG nylon and vinyl insulated disconnects.

CT-1570
Crimps most Panduit #22 thru #10 AWG and 0.5-6.0mm² non-insulated terminals and disconnects. Crimps specific Panduit #22 thru #10 AWG and 0.5-6.0mm² non-insulated splices.

SPECIALTY – Controlled Cycle Type

CT-300-1, CT-1700 (Used with S Series Tubular Terminals), **CT-1701, CT-1014, CT-1015, CT-400, CT-460, CT-310** for heatshrink terminals

Battery Powered Crimping Tool CT-2500
Crimps Panduit #22 – #10 AWG insulated and non-insulated terminals, disconnects and splices. Includes tool, two batteries, a battery charger and carrying case. Crimp heads not included.

Battery powered Crimping Tool CT-2600
Crimps tin and nickel plated #8-2AWG high temperature large wire, non insulated, vinyl and Kynar insulated ring terminals. Includes tool with crimp head, two battery cartridges (CT-2500BC), battery charger (CT-2500CHR) and carrying case (CT-2500CASE). Crimp dies not included.

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