

ENGINEER INC. CRIMPING PLIERS PA-09 & PA-20 APPLICATION CHART

Dies No. = 1.0
 Dies No. = 1.4
 Dies No. = 1.6

Dies No. = 1.9
 Dies No. = 2.0
 Dies No. = 2.3

"X" = Crimping impossible.

"J.S.T." Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.													
Code No.	Series		Conductor (AWG)						Sheath (AWG)							
			32	28	24	22	20	18	32	28	24	22	20	18		
SSH-003T-P0.2-H	SH	PA-09	1.0	1.0							1.0	1.0				
SSH-003GA-P0.2	SHD	PA-09	1.0	1.0							1.0	1.0				
SSHL-003T-P0.2	SHL	PA-09	1.0	1.0							1.0	1.0				
SSHL-003GA1-P0.2	SHLD	PA-09	1.0	1.0							1.0	1.0				
SSHL-002T-P0.2	GH	PA-09		1.0								1.0				
SZN-002T-P0.7K	SZN	PA-09		1.0								1.4				
SZN-003T-P0.7K	SZN	PA-09		1.0								1.4				
SZE-002T-P0.3	ZE	PA-09/PA-20			1.6								1.9			
SZH-002T-P0.5	ZH	PA-09		1.0								1.0				
SZH-003T-P0.5	ZH·ZM	PA-09	1.0	1.0							1.0	1.0				
SWPR-001T-P025	JWPF	PA-09/PA-20			1.6								1.6			
SPHD-001T-P0.5	PA·PHD	PA-09/PA-20			1.6	1.6							1.9	1.9		
SPHD-002T-P0.5	PA·PHD	PA-09/PA-20		1.6	1.6							1.6	1.9			
SPA-001T-P0.5	PA	PA-09/PA-20			1.6	1.6							1.9	1.9		
SPAL-001T-P0.5	PAL	PA-09/PA-20			1.6								1.6			
SPAL-002T-P0.5	PAL	PA-09/PA-20		1.6								1.6				
SPH-001T-P0.5L	PAD	PA-09/PA-20			1.6	1.6							1.9	1.9		
SPH-002T-P0.5L	PH·PAD·KRW	PA-09/PA-20		1.6	1.6							1.9	1.9			
SPND-001T-C0.5	PND·PNI	PA-09/PA-20			1.6	1.9							1.6	1.9		
SPND-002T-C0.5	PND·PNI	PA-09/PA-20		1.6	1.6							1.9	1.9			
SPH-002T-P0.5S	PH	PA-09		1.0	1.0							1.4	1.4			
SPH-004T-P0.5S	PH	PA-09	x	1.0							x	1.0				
SPUD-001T-P0.5	PUD	PA-09/PA-20			1.6	1.6							1.6	1.6		
SAN-002T-0.8A	SAN	PA-09/PA-20		1.6	1.6							1.6	1.6			
SAN-002T-0.8K	SAN	PA-09/PA-20		1.6	1.6							1.6	1.6			
SEH-001T-P0.6	EH	PA-09/PA-20		1.4	1.6	1.6						1.9	1.9	1.9		
SEH-001T-P0.6L	EH	PA-09/PA-20			1.6								1.9			
SJ2F-002GF-P1.0	JFA	PA-09/PA-20		1.6								1.9				
SJ2F-01GF-P1.0	JFA	PA-09/PA-20			1.6								1.9			
SJ2F-21GF-P1.0	JFA	PA-09/PA-20		1.6								1.9				
SHF-001T-0.8BS	NH·SM	PA-09/PA-20		1.6	1.6	1.6						1.9	1.9	1.9		
SBN-001T-0.1	SBN	PA-09/PA-20		1.6	1.6							1.9	1.9			
SCN-001T-P1.0	SCN	PA-09/PA-20			1.6								1.9			
SCN-001T-1.0K	SCN	PA-09/PA-20			1.6								1.9			
SXA-001T-P0.6	XA·XM·XAD	PA-09/PA-20		1.6								1.9				
SXAM-001T-P0.6	XA·XAD	PA-09/PA-20		1.6								1.9				
SXA-01T-P0.6	XA·XM·XAD	PA-09/PA-20			1.6								1.9			
SXAM-01T-P0.6	XA·XM·XAD	PA-09/PA-20			1.6								1.9			
SXA-001T-P0.6L	XA·XM·XAD	PA-09/PA-20			1.6								1.9			
SXH-001T-P0.6N	XH	PA-09/PA-20			1.6								1.9			
SXH-001T-P0.6	XH	PA-09/PA-20		1.4	1.6	1.6						1.9	1.9	1.9		
RA-SC1290	RA	PA-09/PA-20			1.6								1.9			
RF-SC2210	RE	PA-09/PA-20			1.6								1.9			
RF-SC2290	RE	PA-09/PA-20			1.6								1.9			

"J.S.T." Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.												
Code No.	Series		Conductor (AWG)						Sheath (AWG)						
			32	28	24	22	20	18	32	28	24	22	20	18	
SBHS-002T-P0.5A	BD·BHS	PA-09/PA-20		1.6							1.9				
SBHSM-002T-P0.5	BHS·BHT	PA-09/PA-20		1.6							1.9				
SSF-21T-P1.4	BL·HL·MWP·SL	PA-20				2.0	2.0	2.0				2.3	2.0	2.0	
SDN-21T-P1.5	SDN					×	×	×				×	×	×	
SVH-21T-P1.1	VH·VB·NV	PA-20				2.0	2.0	2.0				2.3	2.3	2.3	
SVH-41T-P1.1	VH·NV						×						×		
SVU-21T-P0.6	VU	PA-20				2.0	2.0					2.3	2.3		
SBH-001T-P0.5	BH·BHM			×							×				
SVF-01T-1.5N	SV	PA-20			1.9							2.3			
SYM-01T-P0.7	XL	PA-20			1.9							2.3			
SXF-01T-P0.7	XL	PA-20			1.9							2.3			
SYM-41T-P0.7	XL														
SXF-41T-P0.7	XL														
SLC-21T-2.0	LC					×						×			
SBHT-002T-P0.5	BHT	PA-09/PA-20		1.6							1.9				
SVM-42T-P2.0	VL					×						×			
SVF-42T-P2.0	VL					×						×			
SVM-61T-P2.0	VL					×						×			
SVF-61T-P2.0	VL					×						×			
SYF-01T-P0.5A	YL·YLH·VYH	PA-20			1.9							2.3			
SYF-41T-P0.5A	YL·YLH·VYH						×						×		
SVYF-41T-P0.5A-13.5	VYH						×						×		
SYF-61T-P0.5A	VYH							×						×	
SVYF-61T-P0.5A	VYH							×						×	
SVT-41T-P1.1	NVA						×						×		
SVA-41T-P1.1	VA						×						×		
SVF-01T-2.36N	LV	PA-20			1.9							2.3			
SVF-01T-2.36LN	LV				×	×	×					×	×	×	
SCZH-002T-P0.5	RWZ·RIZ·CZ·CZ W·OTZ	PA-09		1.0								1.0			
SMM-003T-P0.5	ZM	PA-09		1.0								1.0			
SWPT-001T-P025	JWPF	PA-09/PA-20			1.6								1.6		
SMR-001T-P0.6	HM	PA-09/PA-20			1.6								1.9		
SJ2M-002GF-M1.0N	JFA	PA-09/PA-20		1.6								1.9			
SJ2M-01GF-M1.0N	JFA	PA-09/PA-20			1.6								1.9		
SJ2M-21GF-M1.0N	JFA	PA-09/PA-20		1.6								1.9			
SJ2M-01GF-M1.0S	JFA	PA-09/PA-20			1.6								1.9		
SYM-001T-P0.6	SM·RCY	PA-09/PA-20		1.6	1.6	1.6						1.9	1.9	1.9	
SYF-001T-P0.6	RCY	PA-09/PA-20		1.6	1.6	1.6						1.9	1.9	1.9	
SXM-001T-P0.6	XM	PA-09/PA-20		1.6								1.9			
SXM-01T-P0.6	XM·XMA	PA-09/PA-20			1.6								1.9		
SSM-21T-P1.4	SL·HL·MWP	PA-20				2.0	2.0	2.0					2.3	2.3	2.3
SSF-01T-P1.4	SL·HL·MWP	PA-20			1.9								2.3		
SSM-01T-P1.4	SL·MWP	PA-20			1.9								2.3		
SBHM-001T-P0.5	BHM			×	×	×					×	×	×		
SLM-01T-P1.3E	EL	PA-20			2.0	2.0	2.0						2.3	2.3	2.3
SLF-01T-P1.3E	EL	PA-20			2.0	2.0	2.0						2.3	2.3	2.3
SLM-41T-P1.3E	EL						×							×	
SLF-41T-P1.3E	EL						×							×	
SYM-01T-P0.5A	YL·YLN	PA-20			1.9								2.3		

"J.S.T." Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.												
Code No.	Series		Conductor (AWG)						Sheath (AWG)						
			32	28	24	22	20	18	32	28	24	22	20	18	
SYM-41T-P0.50A	YL·YLN							×						×	
SZM-01T-P0.7	ZL	PA-20			1.9							2.3			
SZF-01T-P0.7	ZL	PA-20			1.9							2.3			
SZF-41T-P0.7	ZL								×						×

"Molex" Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.												
Code No.	Series		Conductor (AWG)						Sheath (AWG)						
			32	28	24	22	20	18	32	28	24	22	20	18	
50058-8100	PicoBlade	PA-09		1.0								1.0			
50079-8100	PicoBlade	PA-09		1.0								1.0			
50125-8000/8100	PicoBlade	PA-09		1.0								1.0			
50212-8100	Micro-Latch	PA-09		1.0	1.0	1.0						1.4	1.4	1.4	
50011-8100	MicroBlade	PA-09		1.0	1.0	1.0						1.0	1.0	1.0	
50351-8000/8100	Mini-Lock	PA-09/PA-20		1.6	1.6	1.6						1.9	1.9	1.9	
50752-8100	Mini-Lock	PA-09/PA-20		1.6	1.6	1.6	1.6					1.9	1.9	1.9	1.9
5263PBTL	Mini-SPOX	PA-09/PA-20		1.6	1.6	1.6	1.6					1.6	1.6	1.6	1.6
5159TL	KK	PA-09/PA-20		1.6	1.6	1.6						1.6	1.6	1.6	
5159PBTL	KK	PA-09/PA-20		1.6	1.6	1.6						1.6	1.6	1.6	
2578-(P909)	KK	PA-20			1.9								2.3		
50802-8100	Mini-Latch	PA-09/PA-20		1.6	1.6	1.6						1.6	1.6	1.6	
50802-9101	Mini-Latch	PA-09/PA-20		1.6	1.6	1.6						1.6	1.6	1.6	
5479PBTL	-	PA-09		1.4	1.4	1.4						1.6	1.6	1.6	
43030-0007	Micro-Fit	PA-09/PA-20			1.6	1.6							1.6	1.6	
43030-0010	Micro-Fit	PA-09/PA-20		1.6	1.6	1.6						1.6	1.6	1.6	
43031-0007	Micro-Fit	PA-09/PA-20			1.6	1.6							1.6	1.6	
43031-0010	Micro-Fit	PA-09/PA-20		1.6	1.6	1.6						1.6	1.6	1.6	
50217-8100		PA-20			1.9	1.9	1.9						2.3	2.3	2.3
50217-9101		PA-20			1.9	1.9	1.9						2.3	2.3	2.3
5194TL	SPOX	PA-20		1.9	1.9	1.9	1.9	1.9				2.3	2.3	2.3	2.3
5194PBTL	SPOX	PA-20		1.9	1.9	1.9	1.9	1.9				2.3	2.3	2.3	2.3
5225TL		PA-20		1.9	1.9	1.9	1.9	1.9				2.3	2.3	2.3	2.3
5556TL	Mini-Fit	PA-20					1.6								2.0
5556PBTL	Mini-Fit	PA-20					1.6								2.0
5556T2L	Mini-Fit	PA-09/PA-20		1.6	1.6	1.6						1.9	1.9	1.9	
5556PBT2L	Mini-Fit	PA-09/PA-20		1.6	1.6	1.6						1.9	1.9	1.9	
5558TL	Mini-Fit	PA-20					1.6								2.0
5558PBTL	Mini-Fit	PA-20					1.6								2.0
50597-8100		×				×								×	
1190TL	1190	×			×									×	
1189ATL	1189	PA-09/PA-20					1.9								1.9
1381ATL	1381				×	×	×						×	×	×
70058-0004	C-Grid / SL	PA-09		1.4								1.6			
50394-8100/8051	Milli-Grid	PA-09		1.0								1.4			
87421-0000/0002	Pico-SPOX	PA-09		1.0								1.4			

"AMP" Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.												
Code No.	Series		Conductor (AWG)						Sheath (AWG)						
			32	28	24	22	20	18	32	28	24	22	20	18	
182206-2	Ampmodu	PA-09/PA-20			1.6							1.6			
175288-2	Dynamic	PA-20					2.3							2.3	
175289-2	Dynamic	PA-20					2.3							2.3	
175288-5	Dynamic	PA-20					2.3							2.3	
175289-5	Dynamic	PA-20					2.3							2.3	
926896-1	MATE-N-LOK	PA-20					2.0							2.3	
926895-1	MATE-N-LOK	PA-20					2.0							2.3	
770902-1	MATE-N-LOK	PA-09/PA-20			1.6							1.9			
170363-1	Universal MATE-N-LOK	PA-09/PA-20			1.6							1.9			
170365-1	Universal MATE-N-LOK	PA-09/PA-20			1.6							1.9			
770985-1	Mini-Universal MATE-N-LOK	PA-20				1.6							2.3		
794059-1	Mini-Universal MATE-N-LOK	PA-09			1.4							1.9			
794957-1	PE	PA-20				1.6							2.3		

"JAE" Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.												
Code No.	Series		Conductor (AWG)						Sheath (AWG)						
			32	28	24	22	20	18	32	28	24	22	20	18	
IL-AG5-C1-5000	IL-AG5/7/9	PA-20					2.0							2.3	
IL-AG5-PC1-5000	IL-AG5/7/9	PA-20					2.0							2.3	
M34S75C4F1	MX34	PA-20					2.0							2.0	
M34S75C4F2	MX34	PA-20					2.0							2.3	
IL-S-C2-SC-0001	IL-Z	PA-09/PA-20			1.6							1.6			
IL-G-C2-SC-0001	IL-G	PA-09/PA-20		1.4	1.6	1.6					1.4	1.6	1.6		

"HRS" Brand Terminals		"ENGINEER" CRIMPING PLIERS RECOMMENDED	Crimping Dies Nos.												
Code No.	Series		Conductor (AWG)						Sheath (AWG)						
			32	28	24	22	20	18	32	28	24	22	20	18	
DF11-2428SC	DF11	PA-09/PA-20			1.6							1.6			
DF3-2428SC	DF3	PA-09/PA-20			1.6							1.6			