

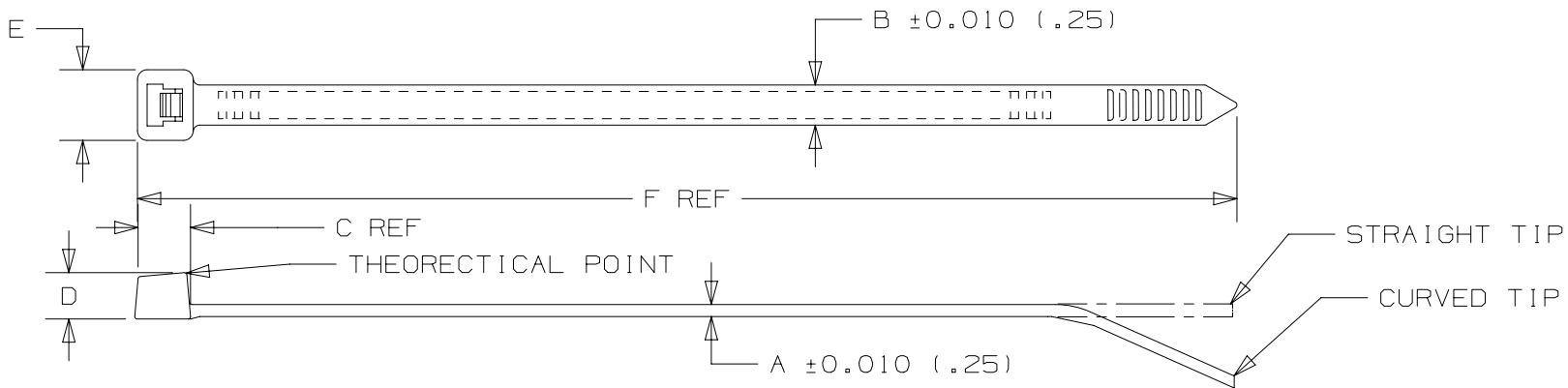


General Purpose Contractor Cable Ties

- -40° to 85°C Operating Temp.
- UL Listed
- Plenum Rated AH-2 for indoor use
- Black UV Weather resistant nylon material for outdoor use
- Halogen Free Polyamide 6.6

Standard Part Number		Bulk Part Number		Length (In.)	Max. Bundle Dia. (In.)	Min. Loop Tensile Strength (Lbs.)	Std. Pkg. Qty.	Bulk Pkg. Qty.
Natural Nylon 6.6 (Indoor Use)	UV Weather Resistant Nylon 6.6 (Outdoor Use)	Natural Nylon 6.6 (Indoor Use)	UV Weather Resistant Nylon 6.6 (Outdoor Use)					
S4-18-C'	S4-18-C0	S4-18-M'	S4-18-M0	3.94	0.87	18	100	1000
S5-50-C'	S5-50-C0	S5-50-M'	S5-50-M0	4.7	0.94	50	100	1000
S6-40-C'	S6-40-C0	-	-	5.51	1.3	40	100	-
S6-18-C'	S6-18-C0	S6-18-M'	S6-18-M0	6.3	1.57	18	100	1000
S6-50-C'	S6-50-C0	S6-50-M'	S6-50-M0	6.3	1.5	50	100	1000
S7-50-C'	S7-50-C0	S7-50-M'	S7-50-M0	7.4	1.81	50	100	1000
S8-18-C'	S8-18-C0	-	-	7.87	2.09	18	100	-
S8-40-C'	S8-40-C0	-	-	7.87	2.09	40	100	-
SR8-50-C'	SR8-50-C0	-	-	7.87	1.97	50	100	-
SC8-50-S10-C*°	SC8-50-S10-C0*°	-	-	7.87	1.85	50	100	-
S8-50-C'	S8-50-C0	S8-50-M'	S8-50-M0	8.46	2.09	50	100	1000
S10-50-C'	S10-50-C0	-	-	9.84	2.36	50	100	-
S12-40-C'	S12-40-C0	-	-	11.81	2.99	40	100	-
S12-50-C'	S12-50-C0	S12-50-M'	S12-50-M0	11.81	2.99	50	100	1000
S14-120-L'	S14-120-L0	S14-120-TL'	-	14.49	4.02	120	50	250
S15-40-C'	S15-40-C0	-	-	14.57	4.02	40	100	-
S15-50-C'	S15-50-C0	-	S15-50-M0	14.57	4.02	50	100	1000
SC15-120-S25-L'°°	SC15-120-S25-L0°°	-	-	14.96	3.86	120	50	-
S17-50-C'	S17-50-C0	S17-50-M'	S17-50-M0	16.93	4.33	50	100	1000
S18-175-L'	S18-175-L0	-	-	17.71	5.2	175	50	-
S18-120-L'	S18-120-L0	-	-	17.71	5.12	120	50	-
S21-175-L'	S21-175-L0	S21-175-C'	S21-175-C0	20.71	5.51	175	50	100
S21-50-C'	S21-50-C0	S21-50-M'	S21-50-M0	20.87	5.51	50	100	1000
S21-120-L'	S21-120-L0	S21-120-C'	S21-120-C0	20.98	5.51	120	50	100
S24-120-Q'	S24-120-Q0	S24-120-L'	S24-120-L0	23.62	6.89	120	25	50
S24-175-L'	S24-175-L0	-	-	24.02	7.36	175	50	-
S30-120-X'	S30-120-X0	S30-120-L'	S30-120-L0	29.53	8.58	120	10	50
S31-175-L'	S31-175-L0	-	-	30.55	8.98	175	50	-
S32-175-L***'	S32-175-L0***'	-	-	32.09	9.41	175	50	-
S36-175-L***'	S36-175-L0***'	-	-	35.91	10.35	175	50	-
S40-175-X***'	S40-175-X0***'	S40-175-L***'	S40-175-L0***'	40.16	11.61	175	10	50
S48-175-L***^'	S48-175-L0***^'	-	-	48.03	14.37	175	50	-

*UL Recognized. **UL 181. ° Mount with #10/M5 Screw. °° Mount with #12/M5 Screw. ' Plenum Rated AH-2. ^ Gray Nylon Available S-48-175-L8

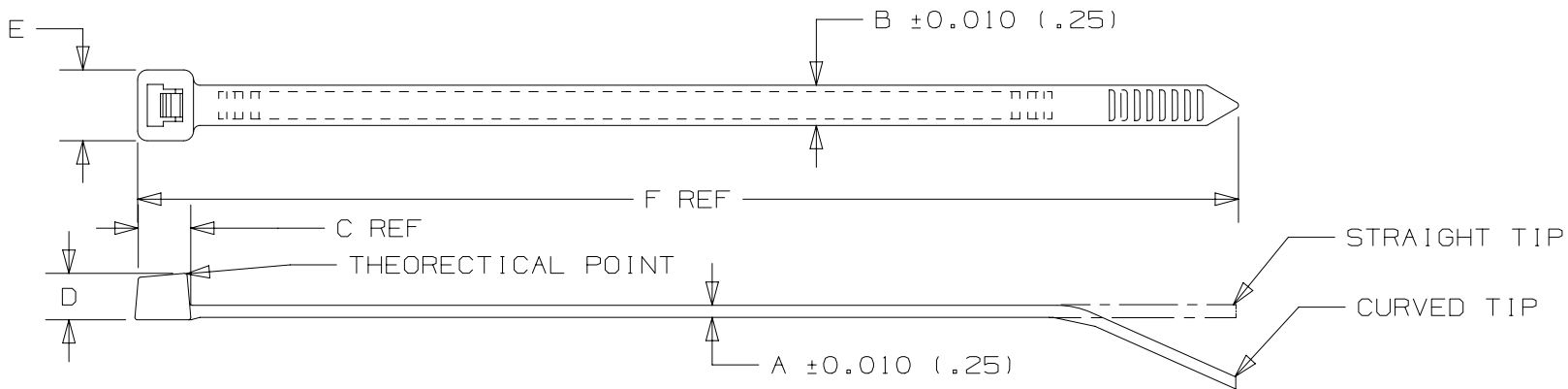


PANDUIT PART NO	BUNDLE DIAM		A in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	F in (mm)	LOOP TENSILE lbs (N)	CROSS SECTION	WEIGHT lbs(g)/100 pcs	TIP STYLE
	MIN in (mm)	MAX in (mm)										
S4-18	.06 (1.5)	.87 (22)	.044 (1.1)	.10 (2.5)	.19 (4.8)	.154 (3.9)	.181 (4.6)	3.94 (100)	18 (80)	MINIATURE	0.054 (24.3)	CURVED
S6-18	.06 (1.5)	1.57 (40)	.044 (1.1)	.10 (2.5)	.19 (4.8)	.154 (3.9)	.188 (4.8)	6.29 (160)	18 (80)	MINIATURE	0.100 (45.5)	CURVED
S8-18	.06 (1.5)	2.09 (53)	.045 (1.2)	.10 (2.5)	.19 (4.8)	.157 (4.0)	.19 (4.8)	7.87 (200)	18 (80)	MINIATURE	0.124 (56.2)	CURVED
S6-40	.08 (2.0)	1.30 (33)	.045 (1.2)	.14 (3.6)	.26 (6.6)	.19 (4.8)	.268 (6.8)	5.51 (140)	40 (178)	INTERMEDIATE	0.148 (67.4)	CURVED
S8-40	.08 (2.0)	2.09 (53)	.045 (1.2)	.14 (3.6)	.256 (6.5)	.19 (4.8)	.268 (6.8)	7.87 (200)	40 (178)	INTERMEDIATE	0.195 (88.7)	CURVED
S12-40	.08 (2.0)	2.99 (76)	.045 (1.2)	.14 (3.6)	.26 (6.6)	.181 (4.6)	.264 (6.7)	11.81 (300)	40 (178)	INTERMEDIATE	.299 (135.9)	CURVED
S15-40	.08 (2.0)	4.02 (102)	.051 (1.3)	.14 (3.6)	.232 (5.9)	.181 (4.6)	.248 (6.3)	14.57 (370)	40 (178)	INTERMEDIATE	.377 (171.1)	CURVED

NOTE:
SEE WWW.PANDUIT.COM FOR PART NUMBER SUFFIX DESIGNATION FOR PACKAGE SIZE, PART MATERIAL,
PART COLOR AND ANY THIRD PARTY RECOGNITION OR COMPLIANCE.

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	TITLE	ITEM REVISION NAME	DATASET FILE NAME	MATERIAL:	DRAWING NUMBER:
00	3-15-17	ACC	JSWA	JADE	DRAWING RELEASED	012502	STRONGHOLD MINIATURE AND INTERMEDIATE TIES	00092FBI/00	00092FBI_DC/00	NYLON 6.6	00092FBI_DC
							CUSTOMER DRAWING				
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		.x ± .1 [2.54] .xxx ± .020 [.51] .xx ± .02 [.51] ANGLES ± 5°		
									THIRD ANGLE PROJECTION		
							DRAWN BY	DATE	CHK	SCALE	SIZE
							ACC	2-22-17	JSWA	N/A	A
							SHT 1 OF 1				

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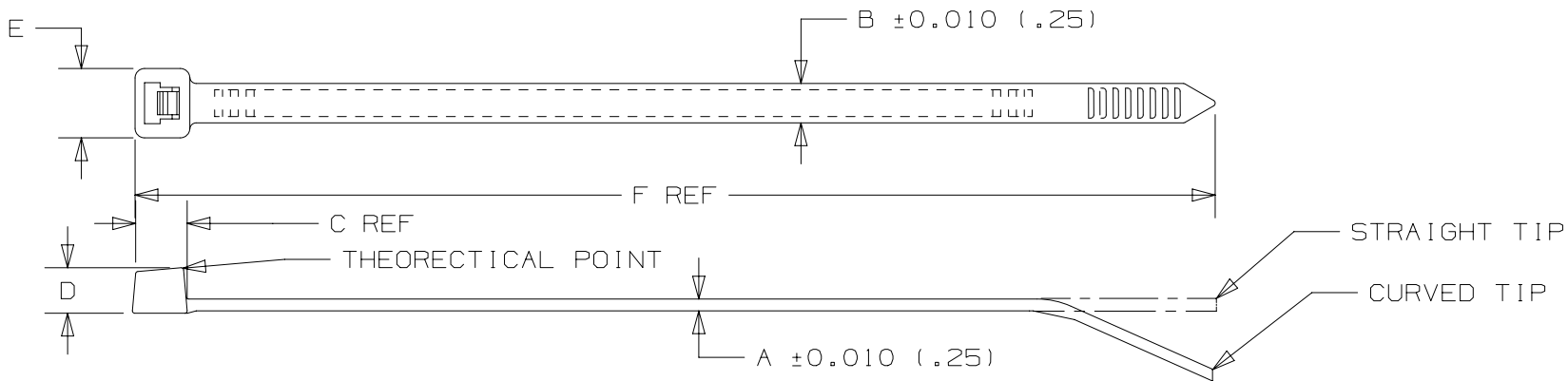


PANDUIT PART NO	BUNDLE DIAM		A in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	F in (mm)	LOOP TENSILE lbs (N)	CROSS SECTION	WEIGHT lbs(g)/100 pcs	TIP STYLE
	MIN in (mm)	MAX in (mm)										
S5-50	.12 (3.0)	.94 (24)	.051 (1.3)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	4.72 (120)	50 (222)	STANDARD	0.197 (89.3)	CURVED
S6-50	.12 (3.0)	1.50 (38)	.051 (1.3)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	6.30 (160)	50 (222)	STANDARD	0.262 (118.8)	CURVED
S7-50	.12 (3.0)	1.81 (46)	.051 (1.3)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	7.40 (188)	50 (222)	STANDARD	0.273 (124)	CURVED
S8-50	.12 (3.0)	2.09 (53)	.049 (1.2)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	8.46 (215)	50 (222)	STANDARD	.317 (143.8)	CURVED
S10-50	.12 (3.0)	1.97 (50)	.051 (1.3)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	9.84 (250)	50 (222)	STANDARD	0.377 (170.9)	CURVED

NOTE:
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PART COLOR AND ANY THIRD PARTY RECOGNITION OR COMPLIANCE.

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	TITLE	ITEM REVISION NAME	DATASET FILE NAME	MATERIAL:	DRAWING NUMBER:
							STRONGHOLD STANDARD TIES				
							CUSTOMER DRAWING				
								00092FBJ/00		PANDUIT	
								00092FBJ_DC/00			NYLON 6.6
								UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]			
								.x ± .1 [2.54]	.xxx ± .020 [.51]		
								.xx ± .02 [.5]	ANGLES ± 5 °		
									THIRD ANGLE PROJECTION		
00	3/15/17	ACC	JSWA	JADE	DRAWING RELEASED	012502					00092FBJ_DC
ACC	2-22-17	JSWA	N/A								SHT 1 OF 1

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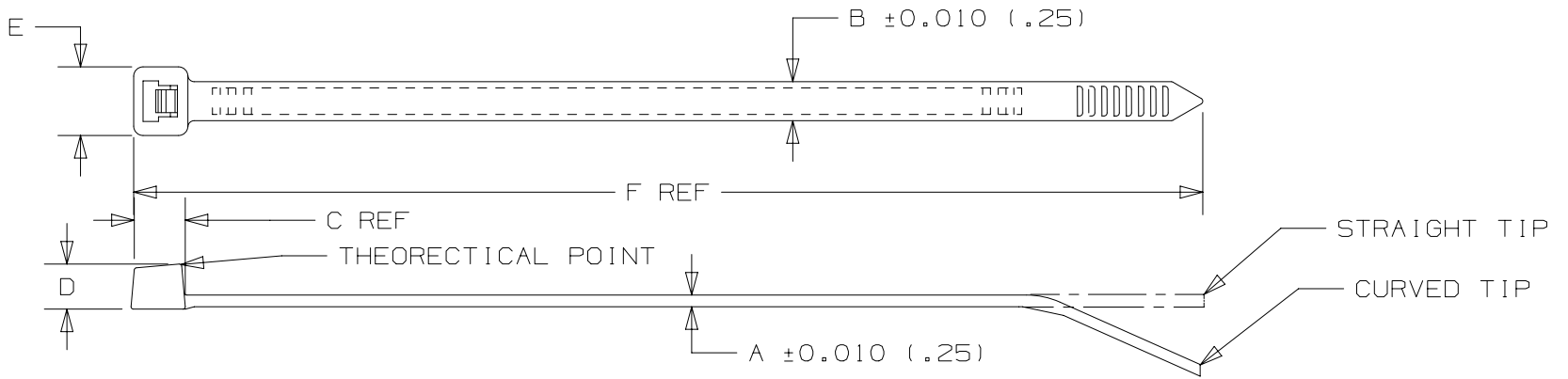


PANDUIT PART NO	BUNDLE DIAM		A in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	F in (mm)	LOOP TENSILE lbs (N)	CROSS SECTION	WEIGHT lbs (g) / 100 pcs	TIP STYLES
	MIN in (mm)	MAX in (mm)										
S12-50	.12 (3.0)	2.99 (76)	.051 (1.3)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	11.81 (300)	50 (222)	STANDARD	0.461 (209.1)	CURVED
S15-50	.12 (3.0)	4.02 (102)	.051 (1.3)	.19 (4.8)	.299 (7.6)	.23 (5.9)	.331 (8.4)	14.57 (370)	50 (222)	STANDARD	0.521 (236.3)	CURVED
S17-50	.12 (3.0)	4.33 (110)	.051 (1.3)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.331 (8.4)	16.90 (430)	50 (222)	STANDARD	0.668 (303)	STRAIGHT
S21-50	.12 (3.0)	5.51 (140)	.055 (1.4)	.19 (4.8)	.307 (7.8)	.23 (5.9)	.326 (8.3)	20.87 (530)	50 (222)	STANDARD	.804 (364.7)	STRAIGHT

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PART COLOR AND ANY THIRD PARTY RECOGNITION OR COMPLIANCE.

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	TITLE	ITEM REVISION NAME	DATASET FILE NAME	MATERIAL:	DRAWING NUMBER:
00	3/15/17	ACC	JSWA	JADE	DRAWING RELEASED	012502	STRONGHOLD STANDARD TIES	00092FBK/00	00092FBK_DC/00	NYLON 6.6	00092FBK_DC
							CUSTOMER DRAWING		PANDUIT		
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		DRAWING NUMBER:		
							.x ± .1 [2.54] .xxx ± .020 [.51]		THIRD ANGLE PROJECTION		
							.xx ± .02 [.5] ANGLES ± 5 °		SHT 1 OF 1		
							DRAWN BY: ACC DATE: 2-22-17 CHK: JSWA SCALE: N/A		SIZE: A		

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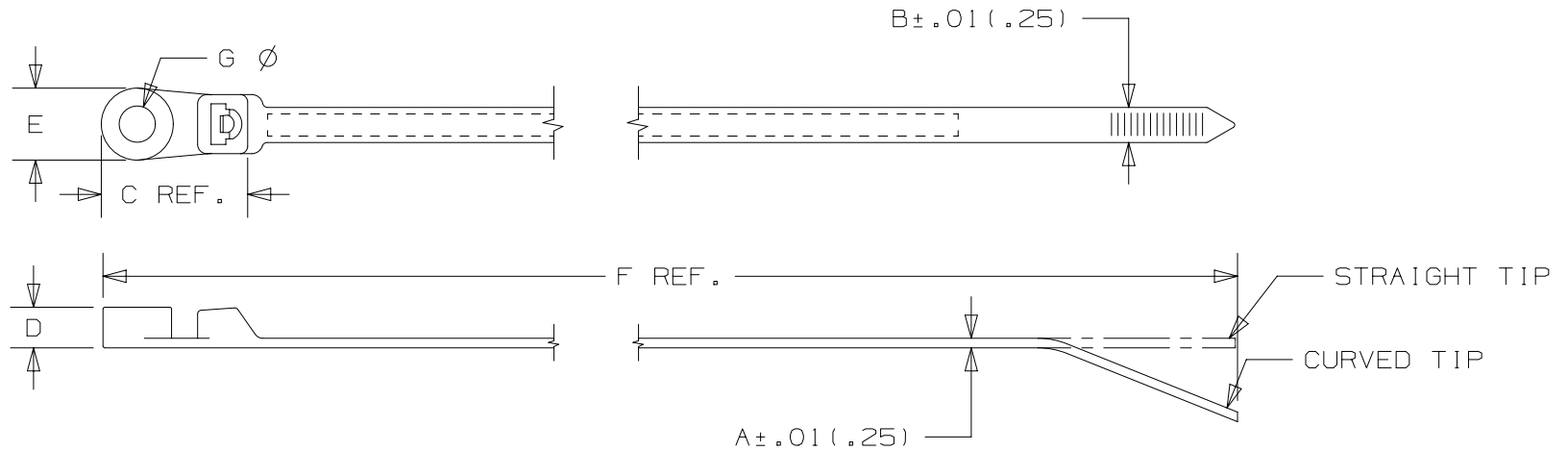
PANDUIT PART NO	BUNDLE DIAM		A in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	F in (mm)	LOOP TENSILE lbs (N)	CROSS SECTION	WEIGHT lbs (g)/100 pcs	TIP STYLES
	MIN in (mm)	MAX in (mm)										
S14-120	.28 (7.0)	4.02 (102)	.063 (1.6)	.30 (7.6)	.417 (10.6)	.295 (7.5)	.492 (12.5)	14.49 (368)	120 (534)	LIGHT HEAVY DUTY	1.034 (469.47)	STRAIGHT
S18-120	.28 (7.0)	5.2 (132)	.071 (1.8)	.30 (7.6)	.44 (11.2)	.303 (7.7)	.496 (12.6)	17.71 (450)	120 (534)	LIGHT HEAVY DUTY	1.402 (635.8)	STRAIGHT
S21-120	.28 (7.0)	5.51 (140)	.071 (1.8)	.30 (7.6)	.44 (11.2)	.303 (7.7)	.492 (12.5)	20.98 (533)	120 (534)	LIGHT HEAVY DUTY	1.668 (756.8)	STRAIGHT
S24-120	.28 (7.0)	6.69 (170)	.063 (1.6)	.30 (7.6)	.425 (10.8)	.295 (7.5)	.492 (12.5)	23.62 (600)	120 (534)	LIGHT HEAVY DUTY	1.686 (764.4)	STRAIGHT
S30-120	.28 (7.0)	8.58 (218)	.063 (1.6)	.30 (7.6)	.429 (10.9)	.295 (7.5)	.492 (12.5)	29.53 (750)	120 (534)	LIGHT HEAVY DUTY	2.130 (968)	STRAIGHT

NOTE:
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PART COLOR AND ANY THIRD PARTY RECOGNITION OR COMPLIANCE.

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	TITLE	ITEM REVISION NAME	DATASET FILE NAME	MATERIAL:	DRAWING NUMBER:
00	3/8/17	ACC	JSWA	JADE	DRAWING RELEASED	012502	STRONGHOLD LIGHT HEAVY TIES	00092FBL/00	00092FBL_DC/00	NYLON 6.6	00092FBL_DC
							CUSTOMER DRAWING				
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		.x ± .1 [2.54] .xxx ± .020 [.51] .xx ± .02 [.51] ANGLES ± 5°		
									THIRD ANGLE PROJECTION		
ACC	2-22-17	JSWA	N/A	SHT 1 OF 1	A						

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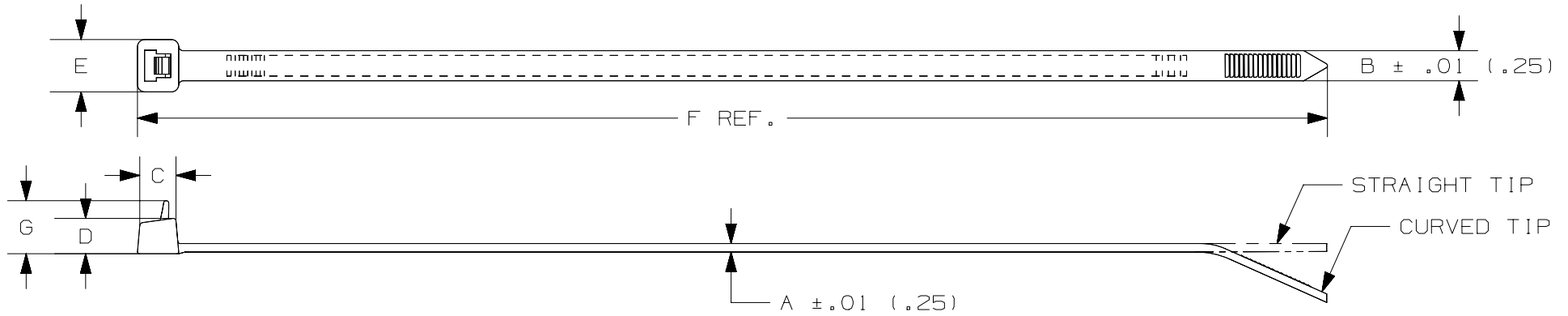
PANDUIT * PART NO.	BUNDLE DIA.		A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G \varnothing in. (mm)	MIN. LOOP TENSILE lbs (N)	CROSS- SECTION	TIP STYLE	WEIGHT lbs/100pcs (g)
	MIN in (mm)	MAX in (mm)											
SC8-50-S10	.12 (3.0)	1.97 (50)	.051 (1.3)	.190 (4.8)	.811 (20.6)	.213 (5.4)	.335 (8.5)	7.87 (200)	.205 (5.2)	50 (222)	STANDARD	CURVED	.367 (166)
SC15-120-S25	.28 (7.0)	3.86 (98)	.071 (1.8)	.30 (7.6)	.929 (23.6)	.276 (7.0)	.496 (12.6)	14.96 (380)	.224 (5.7)	120 (534)	LIGHT HEAVY	STRAIGHT	1.371 (622)

NOTE:
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PART COLOR AND ANY THIRD PARTY RECOGNITION OR COMPLIANCE.

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	TITLE	ITEM REVISION NAME	DATASET FILE NAME	MATERIAL:	DRAWING NUMBER:
00	3/9/17	ACC	JSWA	JADE	DRAWING RELEASED	012502	STRONGHOLD CLAMP TIE	00092FBO/00	00092FBO_DC/00	NYLON 6.6	00092FBO_DC
							CUSTOMER DRAWING				
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN (mm) .x ± --- .xxx ± .020 (.51) .xx ± .02 (.5) ANGLES ± ---			THIRD ANGLE PROJECTION	
ACC	2-27-17	JSWA	NONE	SHT 1 OF 1	A						

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PANDUIT * PART NO.	BUNDLE DIA.		A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	G in. (mm)	MIN. LOOP TENSILE lbs (N)	CROSS- SECTION	TIP STYLE	WEIGHT lbs/100pcs (g)
	MIN in (mm)	MAX in (mm)											
SR8-50	.12 (3.0)	1.97 (50)	.051 (1.3)	.190 (4.8)	.297 (7.5)	.224 (5.7)	.335 (8.5)	7.87 (200)	.307 (7.8)	50 (222)	STANDARD	CURVED	.277 (126)

NOTE:

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						TITLE		STRONGHOLD RELEASABLE TIE					
						CUSTOMER DRAWING							
						ITEM REVISION NAME		00092FBN/00					
						DATASET FILE NAME		00092FBN_DC/00					
						UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]		MATERIAL:					
						.X ± .XXX ± .020 [.51]		NYLON 6.6					
						.XX ± .02 [.5] ANGLES ±		DRAWING NUMBER:					
						THIRD ANGLE PROJECTION		00092FBN_DC					
00	3-15-17	ACC	JSWA	JADE	DRAWING RELEASED	012502							
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	DRAWN BY	DATE	CHK	SCALE	SHT 1 OF 1		SIZE
							ACC	2-27-17	JSWA	NONE			A

D110100DA/16