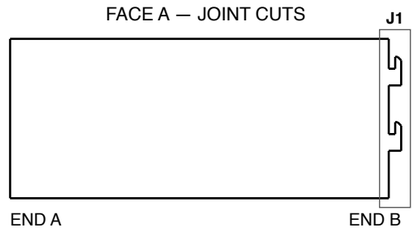
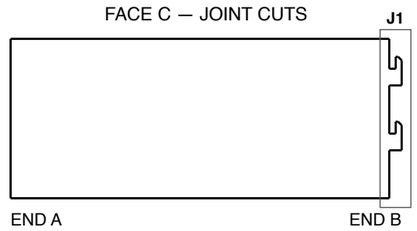
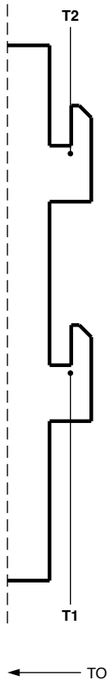
TUBE JOINT — HOOK + SPRING (SNAP)

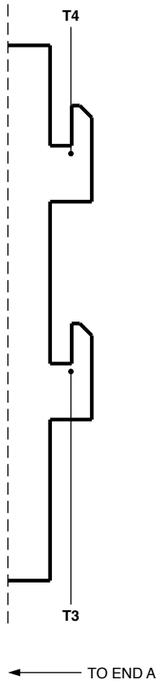




DETAIL J1 — FACE A



DETAIL J1 — FACE C



SIZES

Char.	Dimension	Value
6	Barb reach (4X)	3.81
7	Gap under the barb (4X)	2.06
8	Tooth height past the shoulder (4X)	3.96
9	Tooth root width (4X)	5.31

JOINT FEATURES

Joint	Tag	Feature	Face	From END A	Across	Along	Wide	Char.
J1	T1	barbed tooth	A	120.68	15.13	3.96	9.12	2
J1	T2	barbed tooth	A	120.68	35.97	3.96	9.12	3
J1	T3	barbed tooth	C	120.68	15.29	3.96	9.12	4
J1	T4	barbed tooth	C	120.68	35.97	3.96	9.12	5

JOINTS

Joint	Type	This tube	Mates with	Face	Slide	Springs	Welded
J1	HOOK + SPRING (SNAP)	inserted (teeth)	Exterior Vertical Tube	A/C	9.42	2 x 95 mm, 2 beams	Yes

1. POSITIONS ARE FROM END A ALONG THE TUBE; ACROSS IS FROM THE FACE'S LOWER EDGE AS DRAWN.
2. SLOTS, SPRINGS AND TEETH ARE CUT ON THE TUBE LASER FROM THE IGS. DO NOT FORM OR BEND THE SPRINGS.
3. ASSEMBLE: DROP THE TEETH IN 9.42 mm BACK (HOOKS ON THE SPRING HEADS), PUSH HOME, SLIDE 9.42 mm UNTIL IT CLICKS.
4. THE JOINT IS WELDED AFTER IT SNAPS IN; THE SNAP ALIGNS, THE WELD HOLDS.
5. TEETH STAND PAST THE SHOULDER; THE CUT LENGTH TO THE TIPS IS 124.64 mm.
6. NUMBERED CHARACTERISTICS ARE THE INSPECTION CONTRACT.
7. DO NOT SCALE FROM THIS DRAWING — THE DIMENSIONS GOVERN.

Dept.	Technical reference	Created by	Weight	Thickness
QA		AG		3x2 14ga
		Document type: Inspection - Tube cutting	Material: ASTM A500 Gr B	
		Title: TF Exterior Support Frame Exterior Support Frame Interior Support Tube	DWG No. TF-ESF-IST	
			Rev. / Date of issue	Sheet 2/2

PRODUCT INTELLIGENCE