

## 80/20<sup>®</sup> Inc. The Industrial Erector Set<sup>®</sup>

## **Profiles for T-Slot Framing**

T-slot profiles can be machined to size and combined to build carts, shelving, displays, barriers, workstations, machine guards, enclosures, and other structures without requiring welding. Structures can be expanded or reconfigured as a facility's needs change. Aluminum profiles have recessed T-slots that accept compatible connectors and fasteners that can be moved anywhere along the slots for precise positioning. The connectors join profiles to create a frame for the structures, while the fasteners allow hinges, panels, handles, and other parts to be attached for customizing the structures. Aluminum extrusion alloy is lightweight, has a high strength-to-weight ratio, and a clear anodized matte finish which helps prevent oxidation and corrosion.

**Lite** and **Ultra-Lite** profiles have hollow corners making them more lightweight.

**Black anodized finish** profiles are a good choice for low reflective projects such as photo booths and military applications.



Single Profile



**Double Profile** 



Triple Profile



**Quad Profile** 

Relative Profile Weight	Extrusion Texture	Series	Rail HxW	Slot Width	Bore Diameter	4 ft L Item No.	6 ft L Item No.	8 ft L Item No.	12 ft L Item No.
Inch Single Pro									
2 Adjacent-Sid		10 Series	1 in x 1 in	0.3 in	13/64 in				29NZ73
Standard	Grooved -	15 Series	1 ½ in x 1 ½		17/64 in				29NZ76
Opposite-Sid	es Slots	10 001103	1 /2 111 X 1 /2	0.0 111	704111				LUITETO
Standard	Grooved -	10 Series	1 in x 1 in	0.3 in	13/64 in	_	_	_	29NZ74
		15 Series	1 ½ in x 1 ½	in 0.3 in	17/64 in	_		_	29NZ77
Adjacent-Sid		450 :	4 17 1 4 17		17/				0011775
Ultra-Lite	Grooved	15 Series	1 ½ in x 1 ½		17/64 in		E ITAO		29NZ75
	Smooth	15 Series 10 Series	1 ½ in x 1 ½ 1 in x 1 in		17/64 in 13/64 in		5JTA9 2RCP8	+=	5JTC9
Standard	Grooved	10 Series	1 in x 1 in	0.3 in	13/64 in		29NZ64	2RCP9	29NZ63
		15 Series	1 ½ in x 1 ½		17/64 in	29NZ7		5JTC8	29NZ68
	Smooth	15 Series	1 ½ in x 1 ½		17/64 in	_	16U251	_	16U252
Lite	Grooved	15 Series	1 ½ in x 1 ½		17/64 in	_	2RCR3	2RCR4	29NZ69
	Smooth	15 Series	1 ½ in x 1 ½	in 0.3 in	<sup>17</sup> ⁄64 in		5JTC0		5JTD0
nch Double Pr									
Adjacent-Sid	ies Siots	10 Carias	O in v 1 in	0.0 in	124 . in		20N766	ancna	2011765
Standard	Grooved _	10 Series 10 Series	2 in x 1 in 2 in x 1 in		13/64 in 13/64 in		29NZ66 * 2RCR1	2RCR2	29NZ65
		15 Series	3 in x 1 ½ i		17/64 in	29NZ8		5JTD1	29NZ70
	Smooth	15 Series	3 in x 1 ½ i		17/64 in	- 2311201	16U253	-	16U254
		15 Series	3 in x 1 ½ i	n 0.3 in	17/64 in	_	2RCR5	2RCR6	29NZ71
Lite	Grooved -	15 Series	3 in x 1 ½ i	n 0.3 in	17/64 in	_	_	_	29NZ82
	Smooth	15 Series	3 in x 1 ½ i	n 0.3 in	17/64 in		5JTC2		5JTD2
nch Triple Pro									
Adjacent-Sid	les Slots	10.0	0 1 4 1-	0.0:-	12/ :	1	FITAC	_	FITOC
Standard	Grooved -	10 Series	3 in x 1 in		13/64 in 17/64 in	_	5JTA6		5JTC6
nch Quad Prof	filee	15 Series	4 ½ in x 1 ½	in 0.3 in	1764 III		5JTC3		5JTD3
IIIGII Quau FIOI	1169	10 Series	2 in x 2 in	0.3 in	13/64 in	_	5JTA7		29NZ67
	Grooved	10 Series	2 in x 2 in	0.3 in	13/64 in	_	-		5JTC7
Standard		15 Series	3 in x 3 in	0.3 in	17/64 in	_	5JTC4		29NZ72
		15 Series	3 in x 3 in	0.3 in	17/64 in	_	_	_	5JTD4
Lite		15 Series	3 in x 3 in	0.3 in	17/64 in	_			29NZ83
	Smooth	15 Series	3 in x 3 in	0.3 in	<sup>17</sup> ⁄ <sub>64</sub> in		5JTC5		5JTD5
2 Adjacent-Si		45 Oi	0 ! 0 !	0.0:-	17/ :	1		1	0011704
Standard	Grooved	15 Series	6 in x 3 in	0.3 in	17/64 in			13 ft L	29NZ84 19 ¾ ft L
					Slot		,		19 %4 Rt L
Relative Profile Weight		Extrusion Texture		Series	Width		Bore Diameter	Item No.	No.
Metric Double									
Adjacent-Sid	les Slots								
Standard			mooth	25 Series	6.5 m		4.19 mm	29NZ86	
Lite		S	mooth	40 Series	8.1 m	ım	6.81 mm	29NZ94	_
Adjacent-Sid	ies Siots		maath	40 Carias	0.1		C 01 mm	2011705	
Lite   <b>Adjacent-Sid</b>	lac Clate		mooth	40 Series	8.1 m	IIII	6.81 mm	29NZ95	
Lite	163 01013	S	mooth	40 Series	8.1 m	ım	6.81 mm	29NZ96	
Adjacent-Sid	les Slots			10 001100	0.11.		0.01		
• • • • • • • • • • • • • • • • • • • •		S	mooth	20 Series	5.3 m	ım	4.19 mm	16U249	16U250
			mooth	45 Series	10.1 n		10 mm	5JRY2	5JTA5
Standard			mooth	25 Series	6.5 m	ım	5 mm	5JRY4	5JRZ4
			mooth	30 Series	8.1 m	im	6.65 mm	5JRY9	5JRZ7
Lito			mooth	40 Series	8.1 m	III)	6.81 mm	5JRZ1	5JTA0
Lite <b>//etric Quad P</b> i	rofilae	8	mooth	40 Series	8.1 m	1111	6.81 mm	5JRY6	5JTA1
Adjacent-Sid									
Aujavent'olu	100 01013	9	mooth	30 Series	8.1 m	ım	6.65 mm	29NZ87	_
Ctandard			mooth	45 Series	10.1 n		10 mm	29NZ99	
Standard			mooth	25 Series	6.5 m		5 mm	5JRY7	5JRZ5
			mooth	40 Series	8.1 m		6.81 mm	5JRZ2	5JTA2
2 Adjacent-Si	ides Slots								
Standard			mooth	40 Series	8.1 m		6.81 mm	29NZ93	_
	D411	S	mooth	25 Series	6.5 m	ım	5 mm	29NZ85	
Metric Single     Slots	Profiles								
Standard		c	mooth	40 Series	8.1 m	ım	6.81 mm	29NZ88	
Stanuaru <b>! Adjacent-Si</b> d	les Slots		modu	70 051168	0.1 11		0.01 111111	Z3NZ00	
	3.010	S	mooth	40 Series	8.1 m	ım	6.81 mm	29NZ89	

40 Series 40 Series

40 Series

40 Series

30 Series

25 Series 40 Series

45 Series

20 Series 45 Series

40 Series

40 Series

8.1 mm 8.1 mm

8.1 mm

8.1 mm

6.5 mm 8.1 mm

10.1 mm

5.3 mm 10.1 mm

8.1 mm

Smooth

Smooth

Smooth

Smooth

Smooth

Smooth

Smooth

Smooth

Smooth Smooth

Smooth

Standard

Ultra-Lite

Standard

Lite

3 Adjacent-Sides Slots Standard 4 Adjacent-Sides Slots

Lite

6.81 mm 6.81 mm

6.81 mm

6.81 mm

5 mm 6.81 mm

4.19 mm

10 mm

6.81 mm

6.81 mm

29NZ97

29NZ90

29NZ98

5JRY8

5JRY3 5JRZ0

5JRY1

16U247

5JRE5

5JRY5

29NZ92

5JRZ6

5JRZ3 5JRZ8

5JTA3

16U248

5JRZ9

Metric Triple Profiles
8 Adjacent-Sides Slots
Standard
\* Black anodized finish.