



80/20® Inc.
The Industrial Erector Set®

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	Profile Height	Profile Width	Slot Width	Bore Diameter	6 ft L Item No.	8 ft L Item No.	10 ft L Item No.
Inch Single Profiles									
2 Adjacent-Sides Slots									
Standard	Grooved	10 Series	1 in	1 in	0.6 in	1/2 in	—	—	804T95
		15 Series	1 1/2 in	1 in	0.5 in	1/4 in	—	—	804T98
2 Opposite-Sides Slots									
Standard	Grooved	10 Series	1 in	1 in	0.6 in	1/2 in	—	—	804T96
		15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804T99
4 Adjacent-Sides Slots									
Ultra-Lite	Grooved	15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804T97
	Smooth	15 Series	1 1/2 in	1 1/2 in	0.3 in	1/4 in	5JTA9	—	—
		15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804TA0
		10 Series	1 in	1 in	0.6 in	1/2 in	—	—	804T92 *
Standard	Grooved	10 Series	1 in	1 in	0.3 in	1/4 in	29N264 *	2RCP9	—
		10 Series	1 in	1 in	0.3 in	1/4 in	—	—	—
		15 Series	1 1/2 in	1 1/2 in	0.3 in	1/4 in	—	—	—
	Smooth	15 Series	1 1/2 in	1 1/2 in	0.3 in	1/4 in	5JTA8	5JTC8	—
		15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	16U251	—	—
	Grooved	15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804T94 *
Lite	Grooved	15 Series	1 1/2 in	1 1/2 in	0.3 in	1/4 in	—	—	—
	Smooth	15 Series	1 1/2 in	1 1/2 in	0.3 in	1/4 in	2RCR3	2RCR4	—
		15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804TA1
	Grooved	15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804T93 *
Heavy	Smooth	15 Series	1 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804T91
Inch Double Profiles									
6 Adjacent-Sides Slots									
		10 Series	2 in	1 in	0.6 in	1/2 in	—	—	804T34 *
		10 Series	2 in	1 in	0.3 in	1/4 in	2RCR1	—	—
Standard	Grooved	10 Series	2 in	1 in	0.3 in	1/4 in	29N266 *	2RCR2	—
		15 Series	3 in	1 1/2 in	0.3 in	1/4 in	5JTC1	5JTD1	—
	Smooth	15 Series	3 in	1 1/2 in	0.3 in	1/4 in	16U253	—	—
		15 Series	3 in	1 1/2 in	0.3 in	1/4 in	—	—	—
	Grooved	15 Series	3 in	1 1/2 in	0.8 in	1/4 in	2RCR5	2RCR6	—
Lite	Grooved	15 Series	3 in	1 1/2 in	0.8 in	1/4 in	—	—	804T37
	Smooth	15 Series	3 in	1 1/2 in	0.8 in	1/4 in	—	—	804T36 *
		15 Series	3 in	1 1/2 in	0.8 in	1/4 in	—	—	804T38
	Smooth	15 Series	3 in	1 1/2 in	0.3 in	1/4 in	—	—	—
		15 Series	3 in	1 1/2 in	0.8 in	1/4 in	5JTC2	—	—
Heavy	Grooved	15 Series	3 in	1 1/2 in	0.8 in	1/4 in	—	—	804T35 *
	Smooth	15 Series	3 in	1 1/2 in	0.8 in	1/4 in	—	—	804T33
Inch Triple Profiles									
8 Adjacent-Sides Slots									
		10 Series	3 in	1 in	0.3 in	1/4 in	5JTA6	—	—
Standard	Grooved	10 Series	3 in	1 in	0.6 in	1/2 in	—	—	804TH2
		15 Series	4 1/2 in	1 1/2 in	0.3 in	1/4 in	5JTC3	—	—
Heavy	Grooved	15 Series	4 1/2 in	1 1/2 in	0.8 in	1/4 in	—	—	804TH3
Inch Quad Profiles									
		10 Series	2 in	2 in	0.6 in	1/2 in	—	—	804T76 *
		10 Series	2 in	2 in	0.3 in	1/4 in	5JTA7	—	—
Standard	Grooved	10 Series	2 in	2 in	0.6 in	1/2 in	—	—	804T80
		15 Series	3 in	3 in	0.3 in	1/4 in	5JTC4	—	—
		15 Series	3 in	3 in	0.8 in	1/4 in	—	—	804T78
Lite	Smooth	15 Series	3 in	3 in	0.3 in	1/4 in	5JTC5	—	—
		15 Series	3 in	3 in	0.8 in	1/4 in	—	—	804T82
Heavy	Grooved	15 Series	3 in	3 in	0.8 in	1/4 in	—	—	804T81
		15 Series	3 in	3 in	0.8 in	1/4 in	—	—	804T77 *
12 Adjacent-Sides Slots									
Heavy	Grooved	15 Series	6 in	3 in	0.8 in	1/4 in	—	—	804T79
Metric Single Profiles									
1 Slot									
Lite	Smooth	40 Series	40 mm	40 mm	20.6 mm	6.81 mm	804TA3	—	—
2 Adjacent-Sides Slots									
Lite	Smooth	40 Series	40 mm	40 mm	15.4 mm	6.81 mm	804TA4	—	—
		40 Series	40 mm	40 mm	15.4 mm	6.81 mm	804TA7	—	—
2 Opposite-Sides Slots									
Lite	Smooth	40 Series	40 mm	40 mm	20.6 mm	6.81 mm	804TA6	—	—
3 Adjacent-Sides Slots									
Lite	Smooth	40 Series	40 mm	40 mm	15.4 mm	6.81 mm	804TA5	—	—
4 Adjacent-Sides Slots									
Ultra-Lite		40 Series	40 mm	40 mm	20.6 mm	6.81 mm	804TA8	—	—
Standard		20 Series	20 mm	20 mm	12 mm	4.19 mm	804TA2	804TC5	—
		25 Series	25 mm	25 mm	14.7 mm	5 mm	804TC1	804TC6	—
		45 Series	45 mm	45 mm	20.1 mm	10 mm	804TC0	804TD0	—
	Smooth	30 Series	30 mm	30 mm	16.5 mm	6.65 mm	804TC3	804TC7	—
Lite		40 Series	40 mm	40 mm	20.6 mm	6.81 mm	804TC2	804TC9	—
		45 Series	45 mm	45 mm	20.1 mm	10 mm	804TA9	804TD1	—
		40 Series	40 mm	40 mm	20.6 mm	6.81 mm	804TC4	804TC8	—
Heavy		40 Series	40 mm	40 mm	20.6 mm	6.81 mm	—	—	—
Metric Double Profiles									
2 Adjacent-Sides Slots									
Standard	Smooth	25 Series	50 mm	12.5 mm	14.7 mm	4.19 mm	804T40	—	—
Lite		40 Series	80 mm	40 mm	20.6 mm	6.81 mm	804T41	—	—
3 Adjacent-Sides Slots									
Lite	Smooth	40 Series	80 mm	40 mm	15.4 mm	6.81 mm	804T42	—	—
4 Adjacent-Sides Slots									
Lite	Smooth	40 Series	80 mm	40 mm	15.4 mm	6.81 mm	804T43	—	—
6 Adjacent-Sides Slots									
Standard		20 Series	40 mm	20 mm	12 mm	4.19 mm	804T39	804T49	—
		25 Series	50 mm	25 mm	14.7 mm	5 mm	804T45	804T50	—
		30 Series	60 mm	30 mm	16.5 mm	6.65 mm	804T47	804T51	—
Lite	Smooth	40 Series	80 mm	40 mm	20.6 mm	6.81 mm	804T46	804T53	—
		45 Series	90 mm	45 mm	19 mm	10 mm	804T44	804T54	—
Heavy		40 Series	80 mm	40 mm	20.6 mm	6.81 mm	804T48	804T52	—
Metric Triple Profiles									
8 Adjacent-Sides Slots									
Heavy	Smooth	40 Series	120 mm	40 mm	20.6 mm	6.81 mm	804TH4	—	—
Metric Quad Profiles									
Standard		25 Series	50 mm	50 mm	14.7 mm	5 mm	804T87	804T89	—
Lite	Smooth	30 Series	60 mm	60 mm	16.5 mm	6.65 mm	804T84	—	—
		45 Series	90 mm	90 mm	20.1 mm	10 mm	804T86	—	—
Heavy		40 Series	80 mm	80 mm	20.6 mm	6.81 mm	804T88	804T90	—
12 Adjacent-Sides Slots									
Standard	Smooth	25 Series	100 mm	50 mm	14.7 mm	5 mm	804T83	—	—
Heavy		40 Series	160 mm	80 mm	20.6 mm	6.81 mm	804T85	—	—

* Black anodized finish.