



Aluminum Framing Systems for Machine
Building and Industrial Applications



Profile

EXTRUSION

METRIC	
P/N	DESCRIPTION
12-028	28x28 Quad-Slot
10-540	40x40 Light
10-040	40x40 Standard
10-080	40x80 Standard
10-088	80x80 Standard

INCH	
P/N	DESCRIPTION
12-1010	1.0" x 1.0" Standard
12-1020	1.0" x 2.0" Standard
10-1515	1.5" x 1.5" Standard
10-1530	1.5" x 3.0" Standard
10-3030	3.0" x 3.0" Standard

On this program, full sticks of extrusion are available only, fabricated items (cuts, drills, taps) require project allocation time.

Hardware

END CAPS

METRIC	
P/N	DESCRIPTION
18-808	End Cap 28x28
18-813	End Cap 40x40
18-814	End Cap 40x80
18-815	End Cap 80x80

INCH	
P/N	DESCRIPTION
18-1010	End Cap 1.0" x 1.0"
18-1020	End Cap 1.0" x 2.0"
18-1515	End Cap 1.5" x 1.5"
18-1530	End Cap 1.5" x 3.0"
18-3030	End Cap 3.0" x 3.0"

FASTENERS / NUTS / SCREWS

METRIC	
20-080	Econ. T-Slot Nut 40, M6
20-081	Econ. T-Slot Nut 40, M8
20-082	Econ. T-Slot Nut 40, 5/16-18
20-083	Econ. T-Slot Nut 40, 1/4-20
20-056	T-Slot Nut 40 Steel M6
20-058	T-Slot Nut 40 Steel M8
20-052	T-Slot Nut 40 Steel M5
20-035	T-Slot Nut 40 Zinc M5
20-003	Standard Fastening Set 28/30
20-005	Universal Fastening Set 28
20-002	Standard Fastening Set 40
20-004	Universal Fastening Set 40
24-118-8	M8 x 18 Button Head Screw - Clr Zinc
24-120-6	M6 x 20 Button Head Screw - Clr Zinc
24-120-8	M8 x 20 Button Head Screw - Clr Zinc

INCH	
20-088	Econ. T-Slot Nut 10/32 (Centered)
25-034	Econ. T-Slot Nut 1" - 1/4-20 (Centered)
20-082	Econ. T-Slot Nut 40, 5/16-18
20-083	Econ. T-Slot Nut 40, 1/4-20
25-001	T-Slot Nut 40 (1.5") Steel 1/4-20
25-002	T-Slot Nut 40 (1.5") Steel 5/16-18
20-052	T-Slot Nut (1.5") Steel 10/32
25-030	T-Slot Nut (1.0") 10/32
25-031	T-Slot Nut (1.0") 1/4-20
25-022	American Std Fastening Set 1.0"
25-023	American Universal Fastening Set 1.0"
25-003	American Std Fastening Set 40/1.5"
25-004	American Univ Fastening Set 40/1.5"
25-112-5	5/16-18 x 3/4 Button Head Screw - Blk
25-114-4	1/4-20 x 7/8 Button Head Screw - Blk
25-114-5	5/16-18 x 7/8 Button Head Screw - Blk



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Hardware

BRACKETS, GUSSETS & PLATES

METRIC	
P/N	DESCRIPTION
20-102	Gusset 40x80
20-103	Gusset 80x80
20-109	Corner Joining Plate 40
20-111	Joining Plate 2, 40
22-140	Conn. Element, 40-Flat, C'Sink Holes
22-141	Conn. Element, 40, 90 Degree

INCH	
P/N	DESCRIPTION
20-337	Dbl. Angle Bracket, 1.5" x 1.5" x 1.5"
20-338	Dbl. Angle Bracket, 1.5" x 3.0" x 3.0"
20-440	Gusset 3.0" x 3.0" x 1.5"
20-441	Gusset 3.0" x 3.0" x 3.0"
20-310	Joining Plate, 1.0" x 2.0"
20-300	Joining Plate, 1.5" x 3.0"
20-330	Conn. Element, 90, 1.0" x 1.0" x 1.0"
20-335	Conn. Element, 90, 1.5" x 1.5" x 1.5"

HANDLES & HINGES

METRIC	
23-031	Handle PA 132
23-032	Handle PA 179 with Fastening Set
23-025	Medium Hinge 40
23-250	Hinge 28 Steel - Captive
23-252	Hinge 40 Steel - Captive
23-199	Right-Hand Hinge 40
23-299	Left-Hand Hinge 40
23-043	Ball Catch PA

INCH	
23-031	Handle 1.0" or 1.5" Series
23-032	Handle 1.5" Series
23-551	Medium Hinge 1.5" Plastic
23-250	Hinge 1.0" Steel
23-252	Hinge 1.5" Steel
23-121	Ball Catch

MULTIBLOCK

METRIC	
22-100	Multiblock PA 40 - M6

INCH	
22-116	Multiblock 1.0" - 1/4-20
22-115	Multiblock 1.5" - 1/4-20

MOUNTING

METRIC	
21-050	Flange Foot 40x40
21-057	Floor Mounting Bracket 40

INCH	
21-250	Flange Foot 1.5" x 1.5"

Besides the product that is in-stock and available on this program, DOIG Corporation stocks other extrusion profile and hardware; and offers full design, machining, and assembly services.

800.888.DOIG (3644)