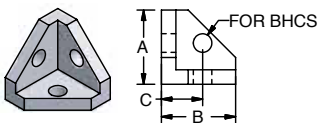
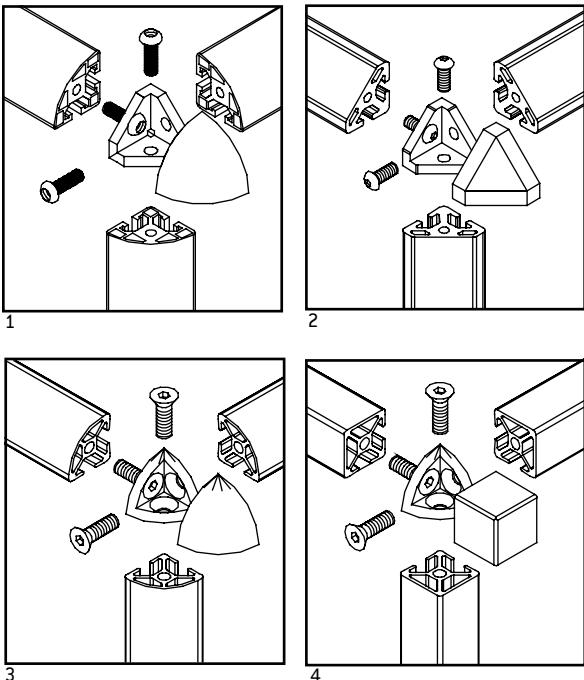
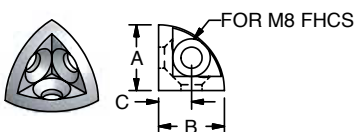


Corner Elements

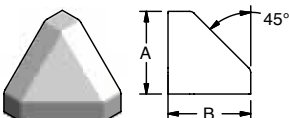
Corner Bracket



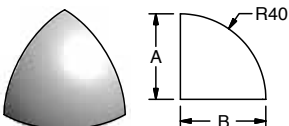
22-146
22-153



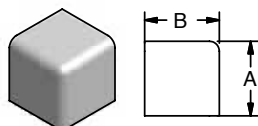
22-150



18-822



18-821
22-151
22-154



18-842
22-152

Brackets,
Gussets, &
Plates

Application

Corner brackets are used for connecting 40, 30 and 1.5" Series profiles at right angles. Ideal for construction of display cases, tables, cover hoods or anywhere a protected corner is desired. Caps are designed to match the contour of the profile.

Technical Data

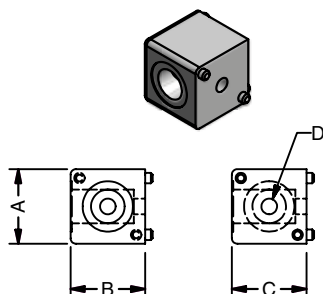
Bracket: Die Cast Zinc
End Cap: Glass-Filled Nylon, Black
Profile Series 40 and 30: Tap Profile Ends M8 (19-010)
Profile Series 1.5": Tap Profile Ends (5/16-18) (19-009)

All fasteners included.

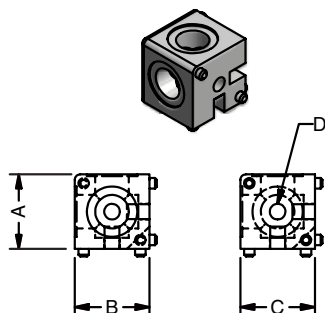
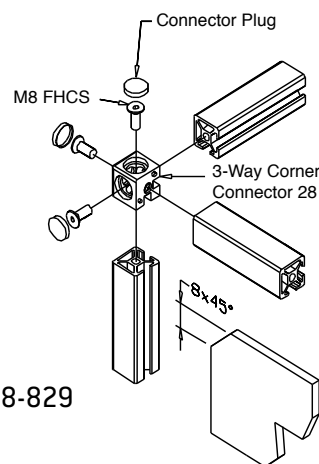
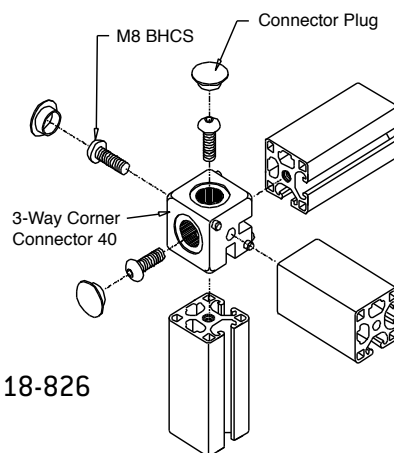
Ordering Information

Series	Description	A	B	C	Unit	Wt (g)	Part #
40	Corner Bracket	36	36	20	Set	120	22-146
	Radius Connector Cap	40	40	—	Each	8	18-821
	3x45° Connector Cap	40	40	—	Each	9	18-822
	Square Connector Cap	40	40	—	Each	15	18-842
30	Corner Bracket	28	28	15	Set	69	22-150
	Radius Connector Cap	30	30	—	Each	4	22-151
	Square Connector Cap	30	30	—	Each	7	22-152
1.5"	Corner Bracket	1.5"	1.5"	0.75"	Set	120	22-153
	Radius Connector Cap	1.5"	1.5"	—	Each	8	22-154

Corner Connector



18-826
18-852
18-872
18-892
18-902



18-827
18-829
18-853
18-873
18-893
18-903

Application

Corner connectors are ideal for use with slotted profiles. Suitable for clean room environments, some include access plugs to cover hardware.

Recommended Fasteners (Order Separately)

Series	2-Way	3-Way
40	(2) 24-225-8	(3) 24-225-8
30	(2) 24-216-8	(3) 24-216-8
28	—	(3) 24-216-8
20	(2) 24-212-5	(3) 24-212-5
1.5"	(2) 25-116-5	(3) 25-116-5
1"	(2) 25-212-4	(3) 25-212-4

Technical Data

40 Series

Block: Die-Cast Aluminum, Silver Paint
Plug: Nylon

28 Series

Block: Aluminum, Black Anodized
Plug: Acetal (Delrin)

20, 1" and 1.5" Series

Block: Die-Cast Aluminum, Silver Paint
Plug: Nylon

Profile ends must be tapped for screws.

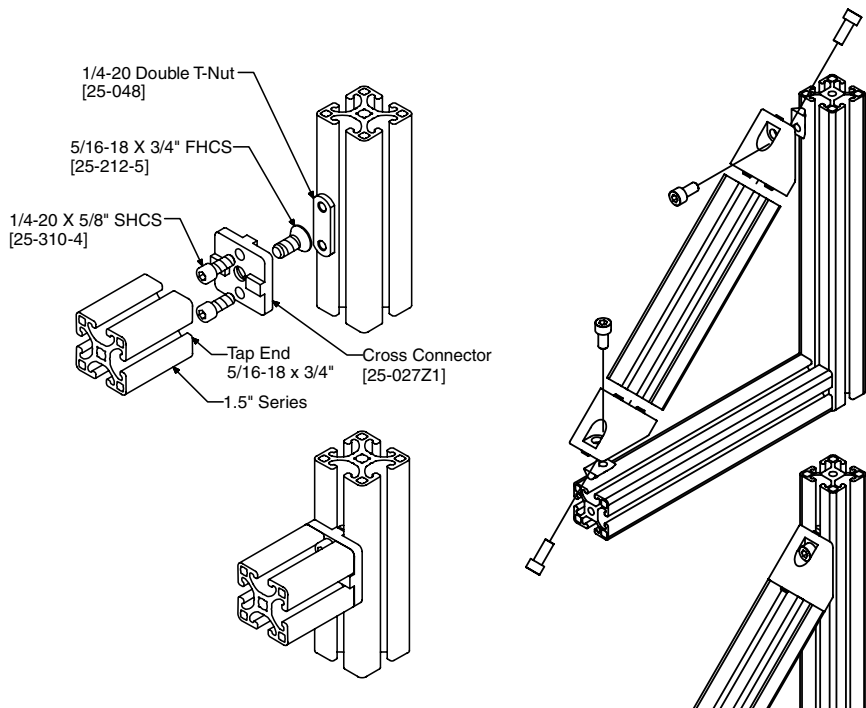
Hardware not included.

Ordering Information

Series	Description	A	B	C	D	Unit	Weight (g)	Part #	Service Charge
40	2-Way	40	40	40	M8 BHCS	Set	94.5	18-826	19-010
	3-Way	40	40	40	M8 BHCS	Set	94.5	18-827	19-010
30	2-Way	30	30	30	M8 FHCS	Set	40	18-902	19-010
	3-Way	30	30	30	M8 FHCS	Set	39	18-903	19-010
28	3-Way	28	28	28	M8 FHCS	Set	64	18-829	19-010
	Access Plug	—	—	—	—	Each	1	18-712	—
20	2-Way	20	20	20	M5 BHCS	Set	10	18-852	19-005
	3-Way	20	20	20	M5 BHCS	Set	20	18-853	19-005
1.5"	2-Way	1.5"	1.5"	1.5"	5/16-18 BHCS	Set	105	18-892	19-009
	3-Way	1.5"	1.5"	1.5"	5/16-18 BHCS	Set	97	18-893	19-009
1"	2-Way	1"	1"	1"	1/4-20 BHCS	Set	25	18-872	19-008
	3-Way	1"	1"	1"	1/4-20 BHCS	Set	24	18-873	19-008

Corner Elements

Profile Connectors



Application

The cross connector and angle connector are bracket style connectors that allow you to connect 40 or 1.5" Series profiles together with minimal servicing. You can cut the profile to length, tap one end of the profile and be able to join two pieces of profile together.

Technical Data

25-027

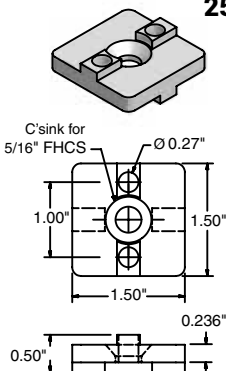
Zinc Cast, Clear Zinc Plated

All fasteners included. To order plate only, add Z1 at end of part number.

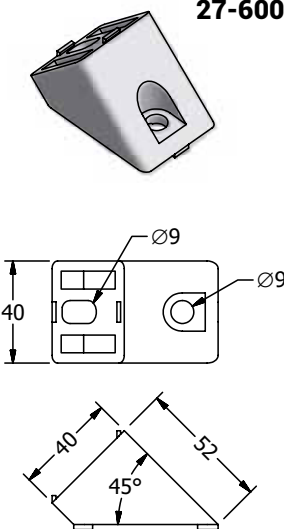
27-600

Zinc Cast, Clear Paint

25-027



27-600



Brackets,
Gussets, &
Plates

Recommended Fasteners (Order Separately)

Part #	Series	Screws	T-Nut	Service Charge
27-600	40	24-320-8 24-316-8	20-058	19-010
	1.5"	25-312-5 25-310-5	25-002	19-009

Ordering Information

Series	Description	Unit	Weight (g)	Part #
40/1.5"	Cross Connector, Double Tab	Each	55	25-027
40/1.5"	Angle Connector, 45°	Each	200	27-600

For Machining M8 Tap, use part number 19-010 for each profile end.

For machining 5/16-18 Tap, use part number 19-009 for each profile end.

Mounting Plate

Application

Designed to mount 16x40 profile (10-016) at 90° angle to any 40 Series profile.

Technical Data

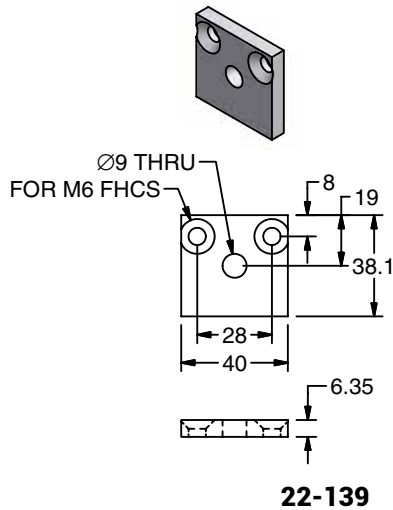
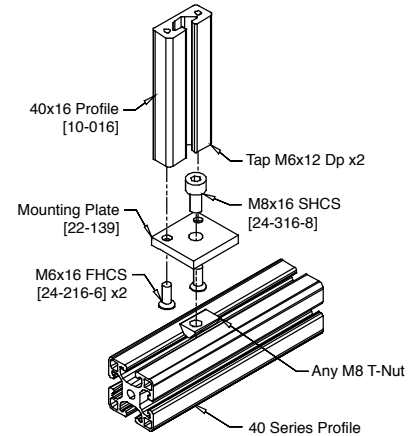
Aluminum, Clear Anodized

Recommended Fasteners (Order Separately)

Screw	(1) 24-316-8
T-Nut	(1) 20-058
Screw	(2) 24-216-6

Ordering Information

Series	Description
40	Mounting Plate for 16x40 profile



Clamp Block

Application

Cost effective connection of 40 Series profiles stacked at intersecting angles. Not recommended for linear applications. Use in pairs to accomplish proper clamping.

Technical Data

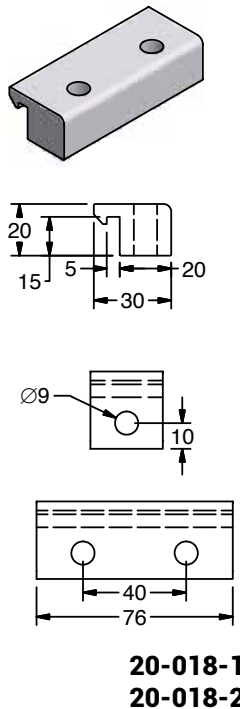
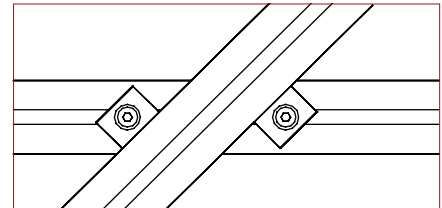
Aluminum, Clear Anodized

Recommended Fasteners (Order Separately)

Screw	T-Nut
24-130-8	20-064

Ordering Information

Series	Description
40	Clamp Block 1
	Clamp Block 2



Joining Plates

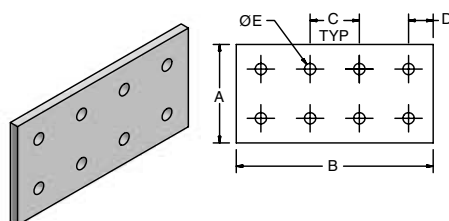
Straight

Application

Exterior joining plates for fastening profiles without servicing. Can also be used for additional strength on joints with fasteners.

Technical Data

Aluminum, Anodized



20-112
20-303
20-313

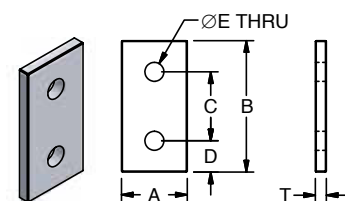
Recommended Fasteners (Order Separately)

Series	Screws	T-Nuts	Double T-Nut (if applicable)
40	24-118-8	20-058	20-050
30	24-110-8	20-058	20-050
28	24-110-8	20-057	—
20	24-108-5	20-045	—
1.5"	25-110-5	25-002	25-041
1"	25-108-4	25-031	—

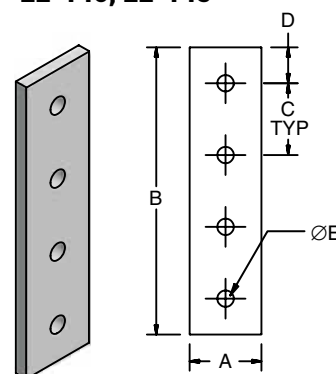
Ordering Information

Series	A	B	C	D	E	T	Unit	Wgt (g)	Part #
40	38	76	40	18	9	6.4	Each	40	22-140
	34	152	40	17	9	6.4	Each	86	20-108
	76	76	40	17	9	6.4	Each	90	20-111
	76	152	40	17	9	6.4	Each	188	20-112
30/28	25	54	28	13	9	3.2	Each	33	22-145
	25	103	40	34	9	3.2	Each	20	20-104
20	19	38	20	9	5.5	3.0	Each	7	20-117
	38	38	20	9	5.5	3.0	Each	11	20-118

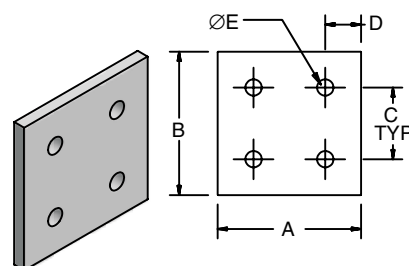
Series	A	B	C	D	E	T	Unit	Wgt (g)	Part #
1.5"	1.50"	3.00"	1.50"	0.75"	0.34"	0.25"	Each	45	20-300
	1.50"	6.00"	1.50"	0.75"	0.34"	0.25"	Each	90	20-301
	3.00"	3.00"	1.50"	0.75"	0.34"	0.25"	Each	95	20-302
	3.00"	6.00"	1.50"	0.75"	0.34"	0.25"	Each	195	20-303
1"	1.00"	2.00"	1.00"	0.50"	0.28"	0.25"	Each	18	20-310
	1.00"	4.00"	1.00"	0.50"	0.28"	0.25"	Each	36	20-311
	2.00"	2.00"	1.00"	0.50"	0.28"	0.25"	Each	36	20-312
	2.00"	4.00"	1.00"	0.50"	0.28"	0.25"	Each	68	20-313



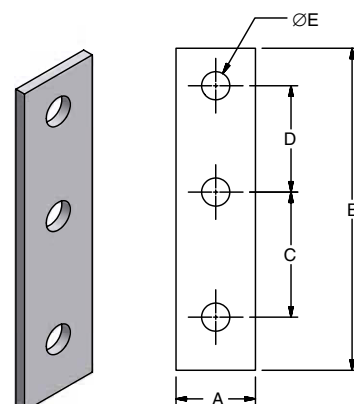
20-117
20-300, 20-310
22-140, 22-145



20-108
20-301, 20-311



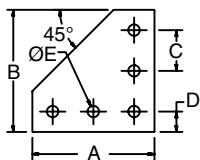
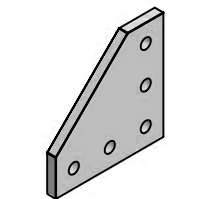
20-111
20-118
20-302, 20-312



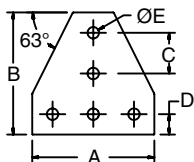
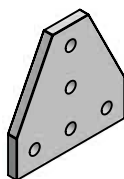
20-104

Brackets,
Gussets, &
Plates

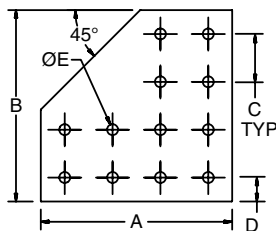
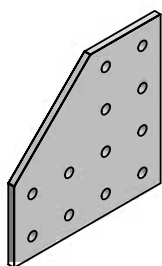
Corner & "T"



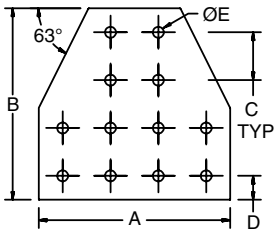
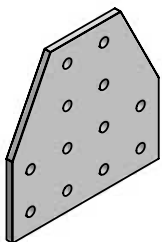
20-105
20-109
20-304
20-314



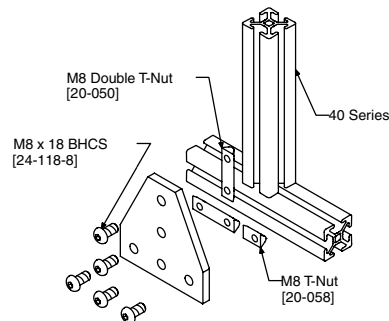
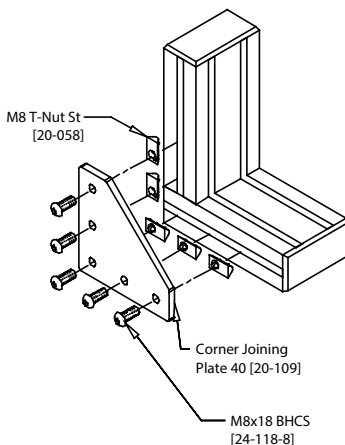
20-106
20-110
20-305
20-315



20-113
20-306



20-114
20-307



Application

Exterior joining plates for fastening profiles without servicing. Can also be used for additional strength on joints with fasteners.

Technical Data

Aluminum, Anodized

Recommended Fasteners (Order Separately)

Series	Screws	T-Nuts	Double T-Nut (if applicable)
40	24-118-8	20-058	20-050
30	24-110-8	20-058	20-050
28	24-110-8	20-057	—
1.5"	25-110-5	25-002	25-041
1"	25-108-4	25-031	—

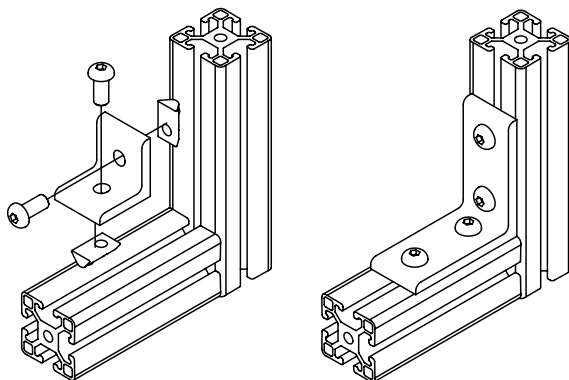
Ordering Information

Series	A	B	C	D	E	T	Unit	Weight (g)	Part #
40	114	114	40	17	9	6.4	Each	163	20-109
	114	114	40	17	9	6.4	Each	163	20-110
	154	154	40	17	9	6.4	Each	341	20-113
	154	154	40	17	9	6.4	Each	341	20-114
30/28	80	80	28	12	9	3.2	Each	39	20-105
	80	80	28	12	9	3.2	Each	39	20-106

Series	A	B	C	D	E	T	Unit	Weight (g)	Part #
1.5"	4.50"	4.50"	1.50"	0.75"	0.34"	0.25"	Each	173	20-304
	4.50"	4.50"	1.50"	0.75"	0.34"	0.25"	Each	173	20-305
	6.00"	6.00"	1.50"	0.75"	0.34"	0.25"	Each	359	20-306
	6.00"	6.00"	1.50"	0.75"	0.34"	0.25"	Each	359	20-307
1"	3.00"	3.00"	1.00"	0.50"	0.28"	0.25"	Each	41	20-314
	3.00"	3.00"	1.00"	0.50"	0.28"	0.25"	Each	41	20-315

Connecting Elements

Angle Brackets

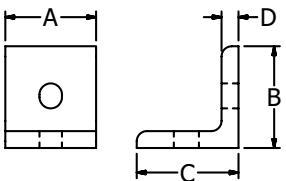
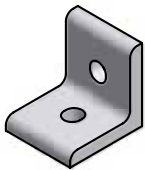


Application

Angle Brackets are used to fasten profiles together without any machining. Although it does not provide as solid a joint as other fastening methods, it allows flexibility for positioning and joining of profiles with no servicing.

Technical Data

Aluminum, Clear Anodized



28-600
28-601
28-602

Brackets, &
Gussets, &
Plates

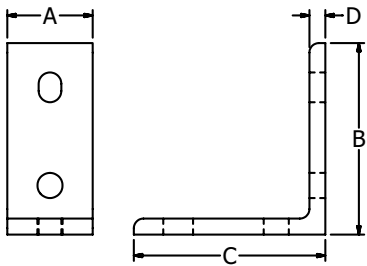
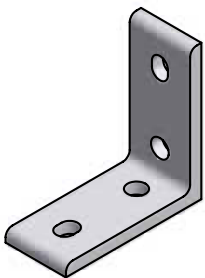
Recommended Fasteners (Order Separately)

Series	Screws	T-Nuts	Double T-Nut (if applicable)
40	24-118-8	20-058	20-050
30	24-112-8	20-058	—
28	24-110-8	20-057	—
20	24-108-5	20-045	—
1.5"	25-110-5	25-002	25-041
1"	25-106-2	25-030	—

Ordering Information

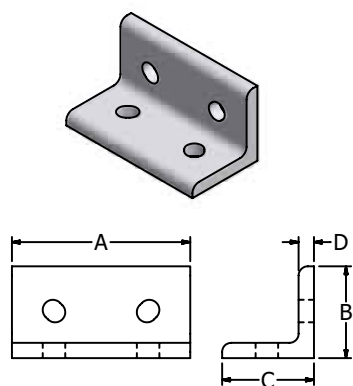
Series	A	B	C	D	Weight (g)	Part #
40	34	38.1	38.1	6.4	38	28-602
	34	76.2	76.2	6.4	79	28-606
30/28	25	25.4	25.4	3.2	9	28-601
	25	57.2	57.2	3.2	21	28-605
20	15.9	19.1	19.1	3.2	4	28-600

Series	A	B	C	D	Weight (g)	Part #
1.5"	1.34"	1.50"	1.50"	0.25"	38	28-602
	1.34"	3.00"	3.00"	0.25"	79	28-606
1"	0.63"	0.75"	0.75"	0.13"	4	28-600

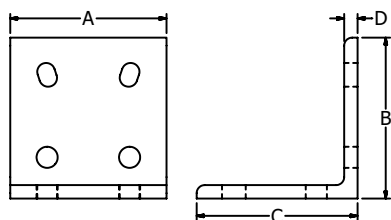
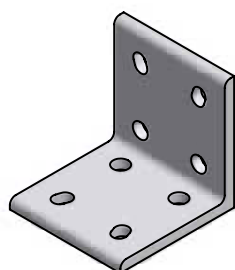


28-605
28-606

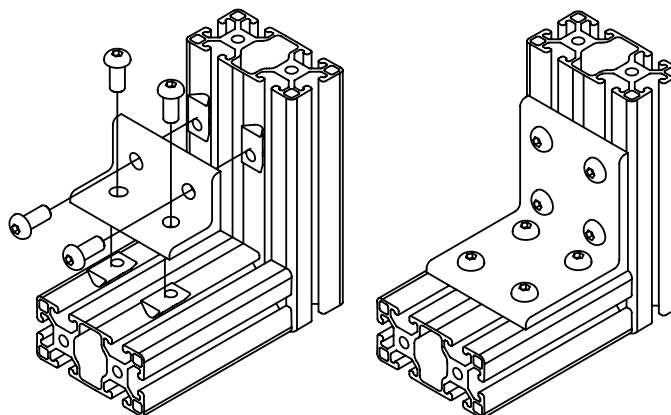
Angle Brackets



20-116
28-603
28-604



28-607
28-608



Application

Angle Brackets are used to fasten profiles together without any machining. Although it does not provide as solid a joint as other fastening methods, it allows flexibility for positioning and joining of profiles with no servicing.

Technical Data

Aluminum, Clear Anodized

Recommended Fasteners (Order Separately)

Series	Screws	T-Nuts	Double T-Nut (if applicable)
40	24-118-8	20-058	20-050
30	24-112-8	20-058	—
28	24-110-8	20-057	—
20	24-108-5	20-045	—
1.5"	25-110-5	25-002	25-041
1"	25-106-2	25-030	—

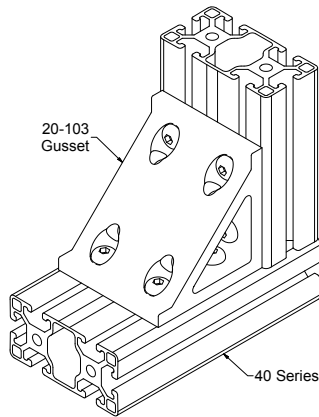
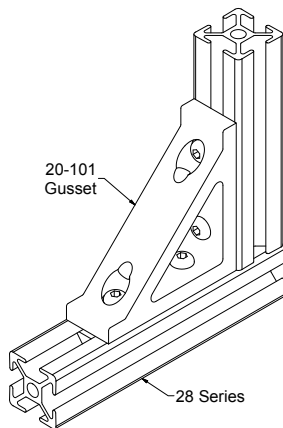
Ordering Information

Series	A	B	C	D	Weight (g)	Part #
40	74	38.1	38.1	6.4	84	28-604
	74	76.2	76.2	6.4	174	28-608
30/28	50.8	25.4	25.4	3.2	18	28-603
	53	57.2	57.2	3.2	45	28-607
20	36	19.1	19.1	3.2	10	20-116

Series	A	B	C	D	Weight (g)	Part #
1.5"	2.91"	1.50"	1.50"	0.25"	84	28-604
	2.91"	3.00"	3.00"	0.25"	174	28-608
1"	2.00"	1.00"	1.00"	0.13"	18	28-603

Gussets

Machined Gussets



Application

Provide a high-strength connection between profiles. Gussets are used to attach profiles at 90° angles without additional fasteners. Can be added to joints with fasteners to increase strength or ensure accurate right angles.

Technical Data

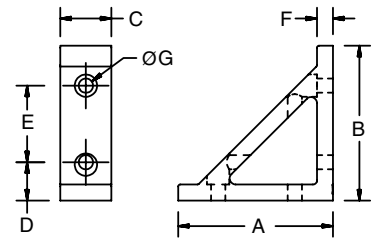
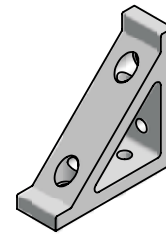
Aluminum, Clear Anodized

Recommended Fasteners (Order Separately)

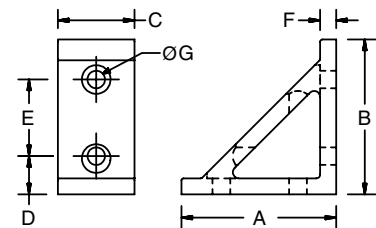
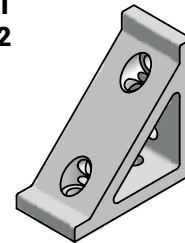
Series	Screws	T-Nuts	Double T-Nuts
40	24-118-8	20-058	20-050
30	24-116-6	20-056	—
28	24-116-6	20-055	—
1.5"	25-112-5	25-002	—
1"	25-110-4	25-031	—

Ordering Information

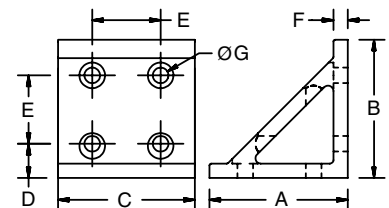
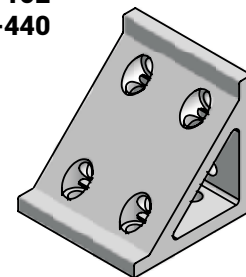
Series	A	B	C	D	E	F	G	Wgt (g)	Part #
40	77	77	34	20	40	8	9	140	20-102
	77	77	74	20	40	8	9	310	20-103
30/28	77	77	25.4	20	40	8	7	110	20-101
1.5"	3.03"	3.03"	1.25"	0.75"	1.50"	0.32"	0.34"	140	20-440
	3.03"	3.03"	2.75"	0.75"	1.50"	0.32"	0.34"	310	20-441
1"	3.03"	3.03"	0.875"	0.75"	1.50"	0.32"	0.28"	110	20-442



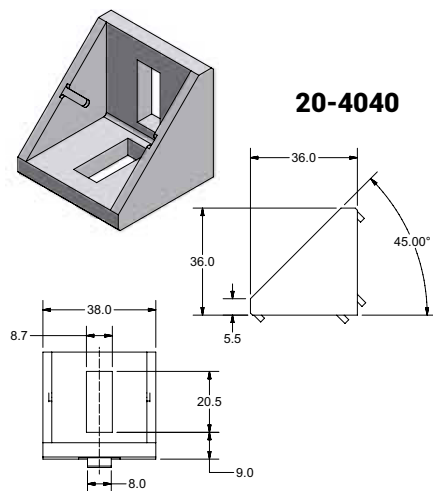
20-101
20-442



20-102
20-440

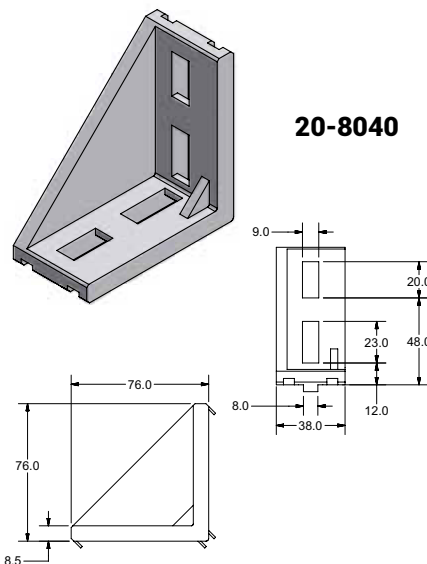
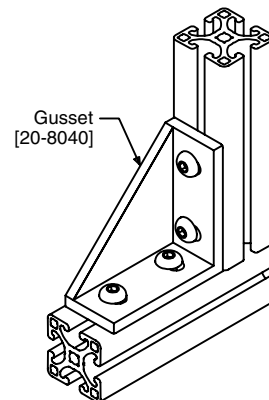
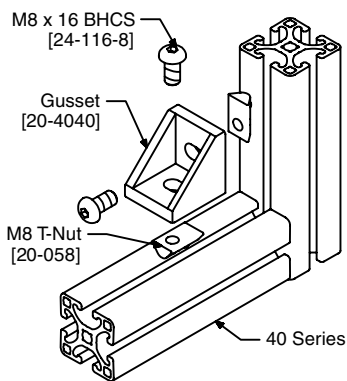


20-103
20-441



20-4040

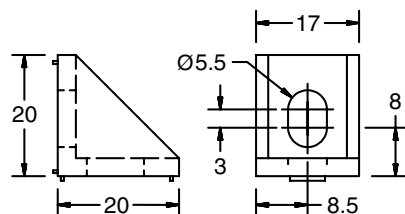
Cast Gussets



20-8040



20-1010



Application

Provide a high-strength, right-angle connection between two profiles. These gussets can only be used for right angle connections in-line with T-slots as shown. Cast tabs help align the gussets in the center of the profile.

Technical Data

Die-Cast Aluminum

Recommended Fasteners (Order Separately)

Series	Screws	T-Nuts
40	24-116-8	20-058
1"	25-106-2	25-030
1.5"	25-112-5	25-002

Ordering Information

Description

Gusset 40

Gusset 40x80

Gusset 1"

Unit

Each

Each

Each

Weight (g)

59

136

36

Part

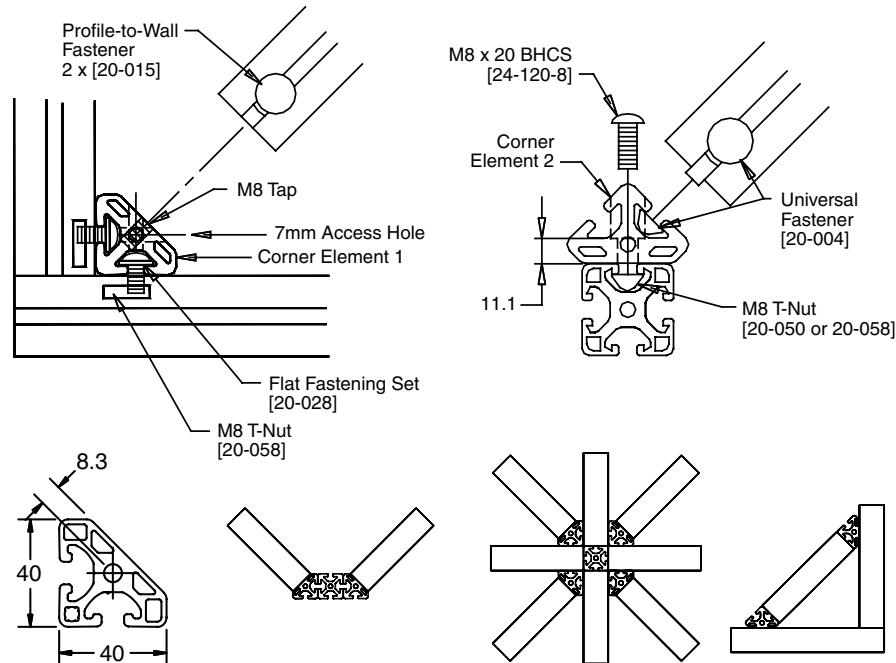
20-4040

20-8040

20-1010

Corner Elements

Corner Elements



Application

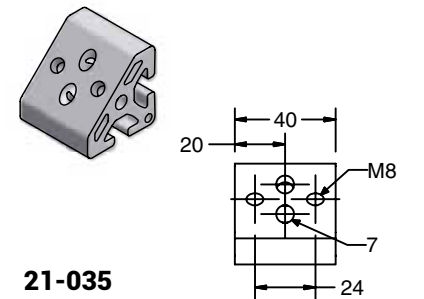
Designed for attaching profiles at 45°. Ideal for trusses, bracing and supports.

Ordering Information

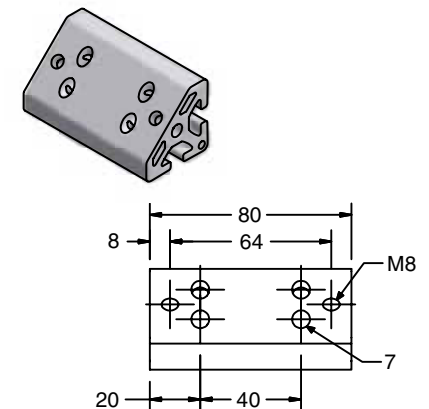
Series	Description	Unit	Weight (g)	Part #
40	Corner Element 1, 40	Each	71	21-035
	Corner Element 1, 80	Each	45	21-036
	Corner Element 2, 40	Each	67	21-037
	Corner Element 2, 80	Each	133	21-038
	End Cap 40 x 40-45°	Each	6	18-820

Recommended Fasteners (Order Separately)

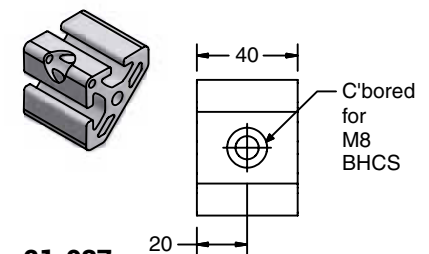
Part Number	Screw	T-Nuts	Washer
21-035	(2) 20-028	(2) 20-058	—
21-036	(4) 20-028	(4) 20-058	—
21-037	(1) 24-120-8	(1) 20-058	(1) 24-707-8
21-038	(2) 24-120-8	(2) 20-058	(2) 24-707-8



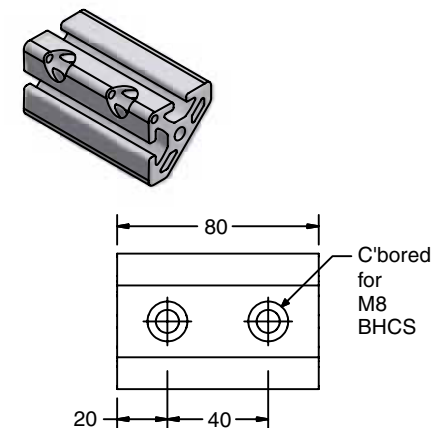
21-035



21-036



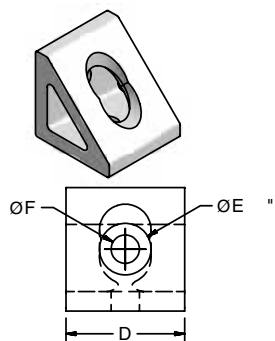
21-037



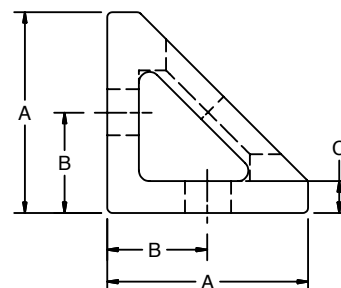
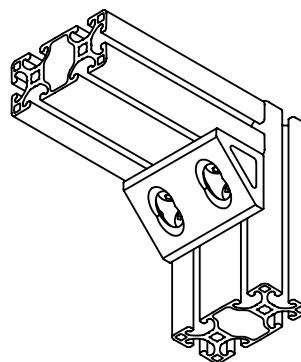
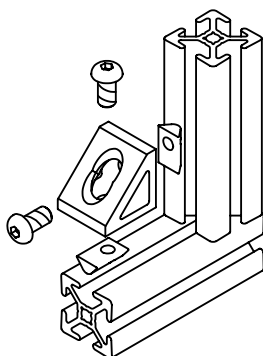
21-038

Brackets, Gussets, & Plates

Machined Corner Elements



20-2828M
20-4040M
20-506
20-508



Application

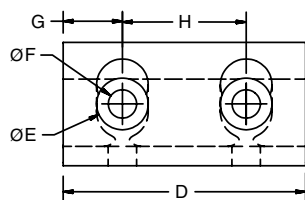
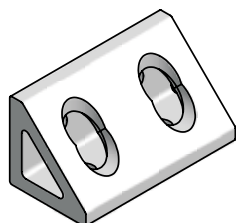
These corner brackets provide a high strength, accurate right angle connection between two profiles, while providing a low profile, aesthetically pleasing look.

Technical Data

Aluminum, Clear Anodized

Recommended Fasteners (Order Separately)

Series	Screws	T-Nuts	Double T-Nuts (if applicable)
40	24-116-8	20-058	20-050
28	24-112-6	20-055	—
1.5"	25-110-5	25-002	25-041
1"	25-106-4	25-031	—



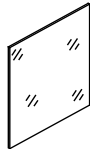
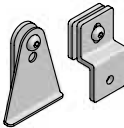
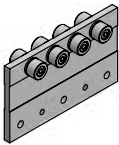
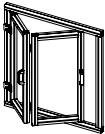
20-2856M
20-4080M
20-507
20-509

Ordering Information

Series	A	B	C	D	E	F	G	H	Wt. (g)	Part #
40	38	20	6	35	15	8.5	—	—	64	20-4040M
	38	20	6	75	15	8.5	17.5	40	136	20-4080M
28	27	14	5	25	11	7	—	—	23	20-2828M
	27	14	5	53	11	7	12.5	28	50	20-2856M
1.5"	1.496"	0.75"	0.177"	1.25"	0.63"	0.34"	—	—	64	20-508
	1.496"	0.75"	0.177"	2.75"	0.63"	0.34"	0.72"	1.50"	136	20-509
1"	1.000"	0.50"	0.236"	0.88"	0.44"	0.28"	—	—	23	20-506
	1.000"	0.50"	0.236"	1.88"	0.44"	0.28"	0.47"	1.00"	50	20-507

Contents

Section 4 - Panels & Doors

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Wire Mesh Retainers	123-124		Rail Carts	134	
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Sliding Door Set Sliding Door Guide	127 128				
Rolling Door Guide	130	