

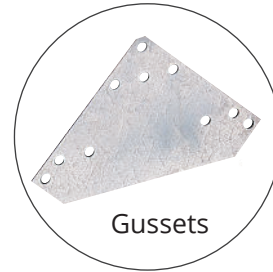
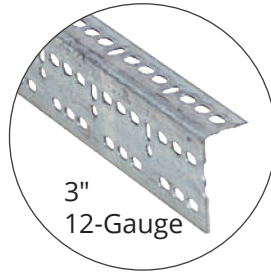
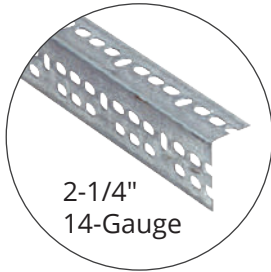
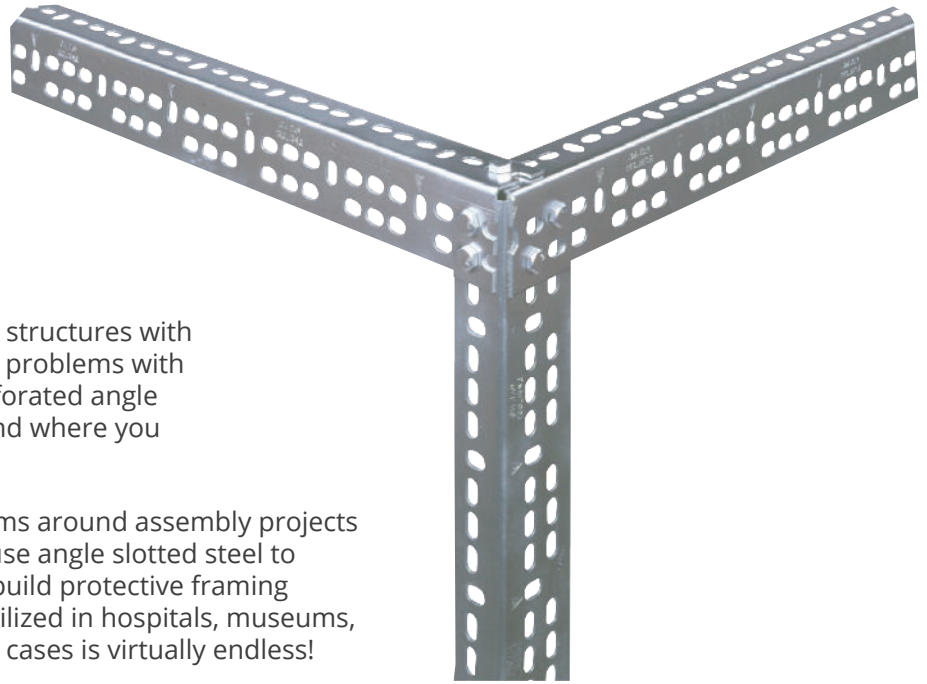
Slotted Angle

INFINITE POSSIBILITIES!

Create and build an infinite number of custom structures with slotted steel angle. Easily solve unique storage problems with both the convenience and strength of this perforated angle steel. It's easy to build what you need, when and where you need it.

Use this punched angle to make either platforms around assembly projects or support framing for displays. You can also use angle slotted steel to create non-standard sizes of storage racks or build protective framing around machinery. Unique setups are often utilized in hospitals, museums, retail outlets, and lumber yards. The list of use cases is virtually endless!

Each slotted angle is clearly stamped on 3-inch centers. This helps with quick and simple measuring and cutting. The perforated metal angles bolt together to form a wide variety of both beam and upright setups. Pieces cut easily with a Sawzall, hacksaw, or miter saw with a metal cutting wheel. Gusset plates provide extra strength at the corners.



Type	Width	Depth	Length	Includes	Item No.
14-Gauge Medium-Duty Slotted Angle	2-1/4"	1-1/2"	96"	10 - 8' Slotted Angles 40 - Nuts and Bolts	RS6508
			120"	10 - 10' Slotted Angles 75 - Nuts and Bolts	RS6510
			144"	10 - 12' Slotted Angles 75 - Nuts and Bolts	RS6512
12-Gauge Heavy-Duty Slotted Angle	3"	1-1/2"	120"	10 - 10' Slotted Angles 75 - Nuts and Bolts	RS6520
			144"	10 - 12' Slotted Angles 75 - Nuts and Bolts	RS6522
14-Gauge Gussets	6"	6"	-	12 - Slotted Angle Gussets	RS6572
Additional Hardware	5/16"	3/4"	-	100 - Nuts and Bolts	RS6578

Slotted Angle

LOAD CAPACITY GUIDE

Load capacities for formations illustrated are for your guidance only and include an adequate safety factor. Figures are based on a static load, evenly distributed on a pair of beams which are supported at both ends.

CAUTION: Consideration should be given to additional bracing depending on shock loading, method of handling stock and concentrated loads.

BLUE: Load capacity of 14-Gauge
BLACK: Load capacity of 12-Gauge

Longest Vertical Distance Between Horizontal Braces*	Uprights (Vertical)					
10 ft.	-	-	2,940	3,650	-	5,880
		2,520	6,150	8,200	5,040	12,300
9 ft.	-	-	3,460	4,550	-	6,920
		3,770	6,750	9,200	7,540	13,500
8 ft.	-	2,420	3,880	5,330	4,840	7,760
		4,740	7,330	10,100	9,480	14,660
7 ft.	980	3,130	4,310	6,110	6,260	8,620
	1,480	5,700	7,850	11,100	11,400	15,700
6 ft.	1,470	3,800	4,790	6,820	7,600	9,580
	2,260	6,560	8,300	11,900	13,120	16,600
5 ft.	1,850	4,410	5,220	7,550	8,820	10,440
	2,850	7,400	8,750	12,700	14,800	17,500
4 ft.	2,240	5,050	5,600	8,200	10,100	11,200
	3,480	8,230	9,200	13,400	16,460	18,400
3 ft.	2,585	5,550	5,930	8,770	1,1100	11,860
	4,060	8,970	9,630	14,200	17,940	19,260

*To determine safe allowable load per upright member, select longest vertical upright section between horizontal braces. The capacities shown are for axial load only, and do not allow for side thrust or shock loading.

Beam Sections	Beams (Horizontal)							
	3 ft.	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
	720	520	380	-	-	-	-	-
	1,620	1,150	920					
	1,135	810	550	350	-	-	-	-
	1,585	1,160	810	515				
	1,660	1,240	920	725	565	425	305	-
	3,580	2,460	1,730	1325	1,000	695	470	
	2,200	1,425	1,050	865	700	570	450	350
	3,940	2,975	2,285	1,880	1,575	1,325	1,110	940
	3,350	2,530	1,920	1,570	1,270	1,015	790	600
	6,610	5,100	3,940	3,170	2,550	2,020	1,570	1,170
	4,140	2,860	2,150	1,850	1,600	1,390	1,220	1,070
	7,320	5,450	4,240	3,635	3,185	2,815	2,510	2,245
	5,000	3,200	2,165	1,700	1,400	1,130	950	800
	9,500	6,360	4,760	3,960	3,330	2,810	2,370	1,970
	6,250	4,350	3,340	2,780	2,350	2,000	1,700	1,450
	10,870	8,500	6,730	5,650	4,800	4,130	3,570	3,120
	6,980	5,030	3,825	3,250	2,840	2,500	2,230	1,980
	13,300	10,700	8,600	7,300	6,300	5,450	4,750	4,080

Combination sections (channels, T's, etc.) are connected every 6 inches. *Connecting stiffeners are spaced 3 feet apart.