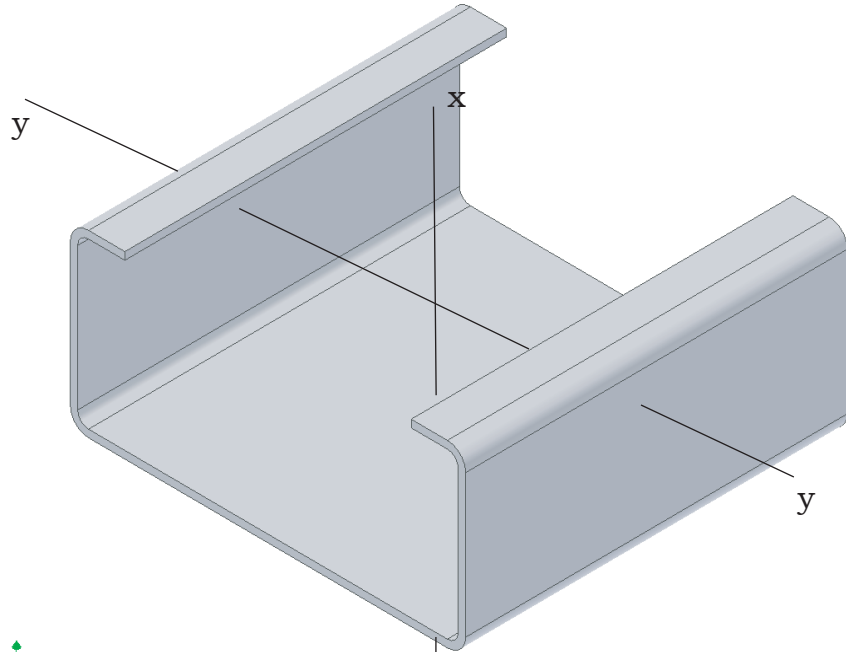


Product Specification Sheet/Product Submittal Sheet

Structural Stud	<input type="checkbox"/>	<input type="checkbox"/>	3-5/8" 20 gauge CSJ Structural Steel Studs
Product Description:	<input type="checkbox"/>		358S162-35
Gauge:			20 gauge (35 mils)
Design Thickness:	<input type="checkbox"/>	<input type="checkbox"/>	.033 - .035"
Web Width:	<input type="checkbox"/>	<input type="checkbox"/>	3-5/8"
Flange Height:	<input type="checkbox"/>	<input type="checkbox"/>	1-5/8" (1.625")
Strengthening Lip:	<input type="checkbox"/>	<input type="checkbox"/>	1/2" (.500")
Inside Corner Radii:	<input type="checkbox"/>		.099"
Yield Strength:	<input type="checkbox"/>	<input type="checkbox"/>	33 ksi and 50 ksi as specified

Conforms to: **ASTM A653-11** Standard Specification for Steel Sheet, Zinc-Coated (Galvanized or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dipped Process
and
ASTM C955-03 Standard Specification for Load-Bearing (Transverse and Axial) Steel Studs, Runners (Track), and Bracing or Bridging for Screw Application of Gypsum Panels...



Structural Stud Section Properties

SECTION	Design Thickness (in.)	Gross								Effective					Torsional				ϕ
		CROSS SECTION AREA (sq.in.)	WEIGHT (lbs./ft.)	I_{xx} (in. ⁴)	S_{xx} (in. ³)	R_{xx} (in.)	I_{yy} (in. ³)	R_y (inches)	I_{xx} (in. ⁴)	S_{xx} (in. ³)	M_a (in./lb)	V_a (lb.)	Y_{cg} (in.)	J^{x1000} (in. ⁴)	C_w (in. ⁶)	X_a (in.)	RA (in.)		
358S162-33	0.035	0.264	0.890	0.557	0.304	1.450	0.100	0.616	0.557	0.292	5570	1039	1.843	0.105	0.294	-1.335	2.063	0.582	

Limiting Curtain Wall Heights																					
Wind Load and Deflection Criteria																					
Member	Spacing (in.) o.c.	5 p.s.f.				15 p.s.f.				20 p.s.f.				30 p.s.f.				40 p.s.f.			
		L/240 ft.-in.	L/360 ft.-in.	L/600 ft.-in.	L/720 ft.-in.	L/240 ft.-in.	L/360 ft.-in.	L/600 ft.-in.	L/720 ft.-in.	L/240 ft.-in.	L/360 ft.-in.	L/600 ft.-in.	L/720 ft.-in.	L/240 ft.-in.	L/360 ft.-in.	L/600 ft.-in.	L/720 ft.-in.	L/240 ft.-in.	L/360 ft.-in.	L/600 ft.-in.	L/720 ft.-in.
362S162-33	12	22-5	19-7	16-6	15-7	16-5	14-6	12-3	11-6	15-1	13-2	10-5	9-10	12-4	10-9	9-1	8-7	11-2	9-9	8-3	7-9
	16	20-4	17-9	15-0	14-2	15-1	13-2	11-2	10-6	13-9	12-0	9-5	8-11	11-2	9-9	8-3	7-9	10-2	8-11	7-6	7-1
	24	17-9	15-6	13-1	12-4	13-2	11-6	9-9	9-2	12-0	10-6	8-3	7-9	9-9	8-7	7-3	6-10	8-11	7-9	6-7	6-2