

## PRODUCT INFORMATION

### Specifications Material Types

ASTM A 513	HR = Hot Rolled Steel
Type 1 – As welded from Hot Rolled Steel	HRPO = Hot Rolled Pickled & Oil
Type 2 – As welded from Cold Rolled Steel	CR = Cold Rolled Steel
ASTM A 787	Coated Steel
ASTM A 500	Galvanized
Please inquire about our ability to manufacture	Galvannealed
to other ASTM and industry specifications.	Galvalume

**Surface Protection** = A rust preventative is generally supplied on Cold Rolled and Hot Rolled Pickled and Oiled unless directed otherwise. Please specify on other material types.

### Mill Length Capabilities Available End Finish

Maximum: 300 inches PCDD. Please inquire.	Punch Cut DeDimpled / Punch Cut Only
Minimum: 60 inches PCDD (Dependent on size and producing mill). Please inquire.	Haven Cut End Face / Haven Cut Only
Mill length tolerances: Please inquire.	Haven Cut Brush Deburr
	Other end finishes available upon request

**Steel Grades** = 1006-1026, HSLA

### Steel Designations Haven Recut Length Capabilities

CS = Commercial Steel	OD Range: ¾ inch – 2 inches
DS = Drawing Steel	Length Range: 4 inches – 120 inches
DDS = Deep Drawing Steel	Standard Length Tolerance: + / - 1/16 inch
EDDS = Extra Deep Drawing Steel	Please inquire on restricted tolerances.
HSLAS = High Strength Low Alloy Steels	
PQ = Plating Quality	

			GAUGE	GAUGE	GAUGE	GAUGE	GAUGE	GAUGE
			0.049	0.065	0.083	0.095	0.109	0.120
O.D.	SQUARE	RECTANGLE	18	16	14	13	12	11
0.625				0.389	0.480			
0.750			0.367	0.476	0.591	0.665		
0.875			0.432	0.562	0.702		0.892	
1.000			0.498	0.649	0.813	0.918	1.037	1.128
1.250			0.629	0.823	1.034	1.172	1.328	
1.312				0.866	1.089	1.235	1.400	1.528
1.500			0.759	0.996	1.256			
1.625			0.825	1.083	1.367	1.552	1.765	1.929
1.660			0.843	1.107	1.398	1.588	1.806	1.974
1.900			0.969	1.274	1.611	1.831	2.085	2.281
2.375				1.604	2.032	2.313	2.638	2.890
	0.500		0.301	0.384				
	0.750		0.467	0.606	0.753			
	0.875		0.550	0.716	0.894			
	1.000		0.634	0.827	1.035	1.169	1.321	1.436
	1.250		0.800	1.048	1.317			
	1.500		0.967	1.269	1.600	1.815	2.062	2.252
	2.000		1.300	1.710	2.164	2.461	2.803	3.068
	2.250		1.467	1.932	2.446	2.784	3.174	3.476
	2.500				2.728	3.107	3.544	3.884
		.50 X 1.00	0.483	0.634				
		.50 X 1.50	0.650	0.855	1.082			
		1.00 X 1.50	0.817	1.076	1.364			
		1.00 X 2.00	0.983	1.300	1.646	1.877	2.143	2.350
		2.00 X 3.00	1.650	2.181	2.775	3.169	3.625	3.982