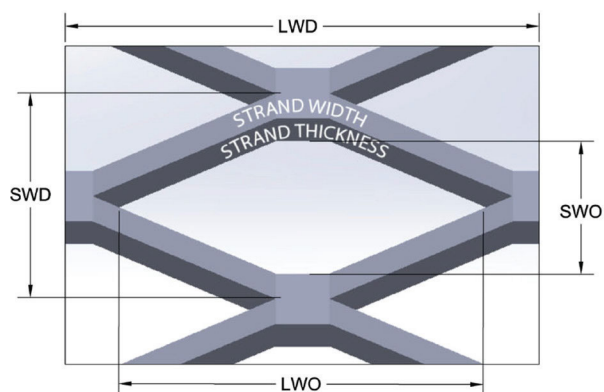




NILES EXPANDED METALS

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MANUFACTURING SPECIFICATIONS FOR 48 SWD STOCK SHEETS



SWD – The dimensional (US/Metric) size (Short Way Dimension) of the mesh pattern.

LWD – The dimensional (US/Metric) size (Long Way Dimension) of the mesh pattern.

SWO – The dimensional (US/Metric) size (Short Way Opening) of the mesh pattern.

LWO – The dimensional size (US/Metric) (Long Way Opening) of the mesh pattern.

CARBON STEEL FLAT

STYLE	WT/SF LBS	DESIGN		OPENINGS		STRAND			OVERALL THICKNESS	OPEN AREA
		SWD	LWD	SWO	LWO	WIDTH	THICKNESS	MINIMUM THICKNESS		
1/4" 20*	0.62	0.312	1.000	0.157	0.772	0.079	0.031	0.026	0.031	55%
1/4" 18*	0.81	0.312	1.000	0.161	0.644	0.079	0.041	0.034	0.041	55%
1/2" 20	0.37	0.500	1.260	0.342	1.000	0.079	0.031	0.026	0.031	68%
1/2" 18	0.61	0.500	1.260	0.306	1.000	0.097	0.041	0.034	0.041	61%
1/2" 16	0.77	0.500	1.260	0.304	1.000	0.098	0.048	0.043	0.048	61%
1/2" 13	1.26	0.500	1.260	0.286	1.000	0.107	0.072	0.066	0.072	57%
3/4" 16	0.47	0.923	2.100	0.701	1.750	0.111	0.048	0.043	0.048	76%
3/4" 13	0.67	0.923	2.100	0.711	1.781	0.106	0.072	0.066	0.072	77%
3/4" 9	1.57	0.923	2.100	0.593	1.688	0.165	0.108	0.101	0.108	64%
1" 16	0.38	1.000	2.520	0.804	2.250	0.098	0.048	0.043	0.048	80%
1-1/2" 16	0.35	1.330	3.150	1.092	2.750	0.119	0.048	0.043	0.048	82%
1-1/2" 13	0.51	1.330	3.150	1.098	2.750	0.116	0.072	0.066	0.072	83%
1-1/2" 9	1.05	1.330	3.150	1.014	2.563	0.158	0.108	0.101	0.108	76%
TOLERANCES	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+10%	ABSOLUTE MINIMUM	+/-10%	+/-10%

*Created to Niles International standard specifications

