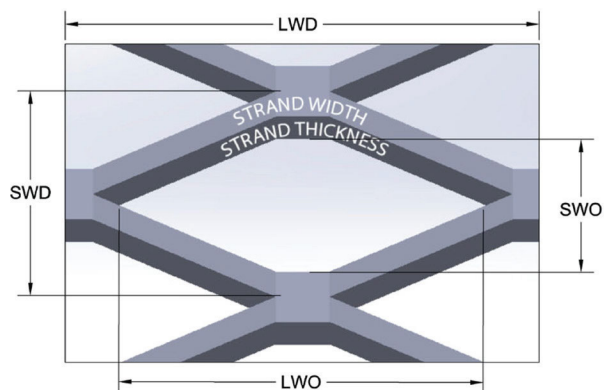




NILES EXPANDED METALS

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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 STANDARD

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	0.206	0.604	0.072	0.036	0.032	0.130	55%
1/4" 18*	0.84	0.312	1.000	0.192	0.616	0.072	0.048	0.042	0.140	54%
1/2" 20	0.42	0.500	1.200	0.407	0.938	0.072	0.036	0.032	0.140	71%
1/2" 18	0.69	0.500	1.200	0.382	0.938	0.088	0.048	0.042	0.180	65%
1/2" 16	0.85	0.500	1.200	0.372	0.938	0.087	0.060	0.053	0.183	62%
1/2" 13	1.41	0.500	1.200	0.337	0.938	0.096	0.090	0.083	0.212	62%
3/4" 16	0.54	0.923	2.000	0.783	1.750	0.101	0.060	0.053	0.208	78%
3/4" 13	0.77	0.923	2.000	0.760	1.688	0.096	0.090	0.083	0.212	79%
3/4" 10	1.17	0.923	2.000	0.718	1.625	0.144	0.090	0.083	0.300	69%
3/4" 9	1.78	0.923	2.000	0.675	1.562	0.150	0.134	0.127	0.329	67%
1" 16	0.43	1.000	2.400	0.872	2.062	0.087	0.060	0.053	0.183	83%
1-1/2" 16	0.40	1.330	3.000	1.184	2.625	0.108	0.060	0.053	0.221	84%
1-1/2" 13	0.58	1.330	3.000	1.160	2.500	0.105	0.090	0.083	0.228	84%
1-1/2" 10	0.76	1.330	3.000	1.132	2.500	0.138	0.090	0.083	0.288	79%
1-1/2" 9	1.19	1.330	3.000	1.087	2.375	0.144	0.134	0.127	0.318	78%
1-1/2" 6	2.47	1.330	3.000	0.979	2.313	0.203	0.198	0.184	0.452	69%
2" 9	0.88	1.850	4.000	1.603	3.375	0.149	0.134	0.127	0.327	84%
TOLERANCES	+/-10%	+/-10%	ABSOLUTE	+/-10%	+/-10%	+/-10%	+10%	ABSOLUTE MINIMUM	+/-10%	NOMINAL

*Created to Niles International standard specifications

