



# MANUFACTURING SPECIFICATIONS FOR 48 SWD STOCK SHEETS

**MATERIAL: CARBON STEEL**

**PROFILE: FLAT**

IMAGE	STYLE	WT/SF LBS	DESIGN		OPENINGS		STRAND		OVERALL THICKNESS	OPEN AREA
			SWD	LWD	SWO	LWO	THICKNESS	WIDTH		
	1/4" 20	0.62	0.312	1.000	0.157	0.772	0.031	0.079	0.031	55%
	1/4" 18	0.81	0.312	1.000	0.161	0.644	0.041	0.079	0.041	55%
	1/2" 20	0.39	0.500	1.250	0.321	0.920	0.031	0.079	0.031	71%
	1/2" 18	0.53	0.500	1.250	0.333	0.974	0.041	0.083	0.041	70%
	1/2" 16	0.67	0.500	1.250	0.331	0.932	0.050	0.086	0.050	70%
	1/2" 13	1.19	0.500	1.250	0.290	0.896	0.077	0.100	0.077	64%
	3/4" 16	0.44	0.923	2.100	0.732	1.693	0.050	0.102	0.050	80%
	3/4" 13	0.66	0.923	2.100	0.708	1.691	0.077	0.100	0.077	81%
	3/4" 9	1.50	0.923	2.100	0.620	1.654	0.115	0.151	0.115	71%
	1" 16	0.39	1.00	2.50	0.786	2.002	0.050	0.092	0.050	76%
	1-1/2" 16	0.35	1.330	3.200	1.085	2.564	0.051	0.110	0.050	85%
	1-1/2" 13	0.51	1.330	3.200	1.090	2.568	0.077	0.110	0.077	85%
	1-1/2" 9	1.02	1.330	3.200	0.970	2.456	0.115	0.151	0.115	80%
	TOLERANCES	MINI-MUM	+/- 5%	+/- 5%	+/- 5%	+/- 5%	MINIMUM	+/- 5%	MINIMUM	+/- 10%



# MANUFACTURING SPECIFICATIONS FOR 48 SWD STOCK SHEETS

**MATERIAL: CARBON STEEL**

**PROFILE: STANDARD**

IMAGE*	STYLE	WT/SF LBS	DESIGN		OPENINGS		STRAND		OVERALL THICKNESS	OPEN AREA
			SWD	LWD	SWO	LWO	THICKNESS	WIDTH		
	1/4" 20	0.62	0.312	1.000	0.206	0.604	0.034	0.070	0.130	55%
	1/4" 18	0.84	0.312	1.000	0.192	0.616	0.044	0.072	0.140	54%
	1/2" 20	0.40	0.500	1.200	0.440	0.920	0.034	0.072	0.140	71%
	1/2" 18	0.56	0.500	1.200	0.429	0.937	0.044	0.078	0.155	70%
	1/2" 16	0.75	0.500	1.200	0.400	0.929	0.055	0.078	0.165	70%
	1/2" 13	1.26	0.500	1.200	0.354	0.949	0.086	0.090	0.185	64%
	3/4" 16	0.46	0.923	2.000	0.811	1.504	0.055	0.093	0.180	80%
	3/4" 13	0.69	0.923	2.000	0.812	1.587	0.086	0.090	0.185	81%
	3/4" 10	1.07	0.923	2.000	0.750	1.548	0.086	0.138	0.250	69%
	3/4" 9	1.62	0.923	2.000	0.711	1.480	0.128	0.144	0.270	71%
	1" 16	0.42	1.00	2.40	0.935	1.928	0.055	0.084	0.170	82%
		1-1/2" 16	0.36	1.330	3.200	1.269	2.461	0.055	0.100	0.200
1-1/2" 13		0.52	1.330	3.200	1.276	2.420	0.086	0.100	0.220	85%
1-1/2" 10		0.71	1.330	3.200	1.179	2.391	0.086	0.131	0.250	80%
1-1/2" 9		1.09	1.330	3.200	1.121	2.393	0.128	0.137	0.270	80%
1-1/2" 6		2.30	1.330	3.200	0.908	2.300	0.188	0.195	0.420	71%
	2" 9	0.81	1.85	4.00	1.563	3.375	0.128	0.144	0.270	82%
TOLERANCES		MINI- MUM	+/- 5%	ABSO- LUTE	+/- 5%	+/- 5%	MINIMUM	+/- 5%	+/- 10%	+/- 10%

\* all images are shown in 13ga (0.130) for illustration purposes | ©2017 NILES INTERNATIONAL