

Table A

NOMINAL WEIGHTS AND DIMENSIONS*

Style	Minimum** thickness (Inches)	Nominal Weight in Lbs. per 100 Sq. Ft.	Design Size		Opening Size		Width	Strand Size (Inches)	Thick- ness	Overall Thick- ness (Inches)	No. of Diamonds Per Ft.		(% Open Area
			SWD (Inches)	LWD	SWO	LWO					SWD	LWD	
STANDARD - CARBON STEEL													
1/4" #20	.032	86	.250	1.00	.125	.718	.072	.036	.135	48	12	45	
1/4" #18	.042	114	.250	1.00	.110	.718	.072	.048	.147	48	12	43	
1/2" #20	.032	43	.500	1.20	.438	.938	.072	.036	.140	24	10	80	
1/2" #18	.042	70	.500	1.20	.438	.938	.088	.048	.172	24	10	72	
1/2" #16	.053	86	.500	1.20	.375	.938	.087	.060	.175	24	10	65	
1/2" #13	.083	147	.500	1.20	.312	.938	.096	.092	.204	24	10	57	
3/4" #16	.053	54	.923	2.00	.813	1.750	.101	.060	.210	13	6	78	
3/4" #13	.083	80	.923	2.00	.750	1.688	.096	.092	.205	13	6	76	
3/4" #10	.083	120	.923	2.00	.750	1.625	.144	.092	.290	13	6	72	
3/4" #9	.127	180	.923	2.00	.688	1.562	.150	.134	.312	13	6	68	
1" #16	.053	44	1.00	2.40	.938	2.062	.087	.060	.192	12	5	82	
1-1/2" #18	.042	20	1.33	3.00	1.313	2.625	.068	.048	.140	9	4	90	
1-1/2" #16	.053	40	1.33	3.00	1.250	2.625	.108	.060	.230	9	4	85	
1-1/2" #13	.083	60	1.33	3.00	1.188	2.500	.105	.092	.242	9	4	85	
1-1/2" #10	.083	79	1.33	3.00	1.188	2.500	.138	.092	.284	9	4	80	
1-1/2" #9	.127	120	1.33	3.00	1.125	2.375	.144	.134	.312	9	4	76	
1-1/2" #6	.184	250	1.33	3.00	1.110	2.313	.203	.198	.433	9	4	69	
2" #10	.083	68	1.85	4.00	1.625	3.438	.164	.092	.327	6.5	3	82	
2" #9	.127	90	1.85	4.00	1.563	3.375	.149	.134	.312	6.5	3	84	
STANDARD - STAINLESS STEEL													
1/2" #18		73	.500	1.20	.437	.937	.087	.050	.164	24	10	70	
1/2" #16		91	.500	1.20	.437	.937	.087	.062	.164	24	10	70	
1/2" #13		187	.500	1.20	.325	.875	.119	.093	.225	24	10	70	
3/4" #18		48	.923	2.00	.812	1.750	.106	.050	.202	13	6	85	
3/4" #16		60	.923	2.00	.812	1.750	.106	.062	.202	13	6	83	
3/4" #13		91	.923	2.00	.750	1.687	.107	.093	.202	13	6	80	
3/4" #9		205	.923	2.00	.687	1.562	.160	.140	.300	13	6	67	
1-1/2" #16		45	1.33	3.00	1.250	2.750	.115	.062	.222	9	4	85	
1-1/2" #13		68	1.33	3.00	1.250	2.625	.115	.093	.222	9	4	83	
1-1/2" #9		137	1.33	3.00	1.125	2.500	.155	.140	.280	9	4	77	
STANDARD - ALUMINUM													
1/2"-.050		27	.500	1.20	.375	.937	.093	.050	.158	24	10	65	
1/2"-.080		44	.500	1.20	.375	.937	.096	.080	.186	24	10	60	
3/4"-.050		17	.923	2.00	.812	1.750	.109	.050	.200	13	6	78	
3/4"-.080(Lt)		32	.923	2.00	.750	1.680	.129	.080	.220	13	6	76	
3/4"-.080(HVY)		41	.923	2.00	.750	1.680	.165	.080	.300	13	6	69	
3/4"-.125		65	.923	2.00	.687	1.680	.169	.125	.305	13	6	68	
1-1/2"-.080		22	1.33	3.00	1.187	2.500	.128	.080	.240	9	4	85	
1-1/2"-.125		43	1.33	3.00	1.187	2.500	.162	.125	.300	9	4	79	

*Nominal weights and dimensions of all Expanded Metals are approximate. A variation of 10% is permitted.

**The minimum thickness is absolute, not subject to minus variation.

Weights, thickness, dimensions and sizes are subject to mill tolerances.

Consult manufacturer for maximum sizes and minimum quantities.

Table B

NOMINAL WEIGHTS AND DIMENSIONS*

Style	Minimum** thickness (Inches)	Nominal Weight in Lbs. per 100 Sq. Ft.	Design Size		Opening Size		Width	Strand Size (Inches)	Thick- ness	Overall Thick- ness (Inches)	No. of Diamonds Per Ft.		(% Open Area
			SWD (Inches)	LWD	SWO	LWO					SWD	LWD	
FLATTENED - CARBON STEEL													
1/4" #20	.029	82	.250	1.05	.084	.715	.079	.030	.030	48	11.6	35	
1/4" #18	.039	108	.250	1.05	.075	.715	.080	.040	.040	48	11.6	35	
1/2" #20	.029	40	.500	1.25	.375	1.000	.079	.029	.029	24	9.5	65	
1/2" #18	.039	66	.500	1.25	.312	1.000	.097	.039	.039	24	9.5	60	
1/2" #16	.048	82	.500	1.25	.312	1.000	.096	.050	.050	24	9.5	63	
1/2" #13	.068	140	.500	1.25	.265	1.000	.107	.070	.070	24	9.5	52	
3/4" #16	.048	51	.923	2.10	.750	1.750	.111	.048	.048	13	5.7	74	
3/4" #14	.060	63	.923	2.10	.688	1.813	.105	.061	.061	13	5.7	74	
3/4" #13	.068	75	.923	2.10	.688	1.781	.106	.070	.070	13	5.7	74	
3/4" #10	.068	114	.923	2.10	.637	1.755	.160	.070	.070	13	5.7	68	
3/4" #9	.108	171	.923	2.10	.563	1.688	.165	.120	.120	13	5.7	63	
1" #16	.048	41	1.00	2.50	.813	2.250	.098	.050	.050	12	4.684	78	
1-1/2" #16	.048	38	1.33	3.20	1.062	2.750	.119	.048	.048	9	3.75	83	
1-1/2" #14	.060	46	1.33	3.20	1.062	2.750	.116	.060	.060	9	3.75	80	
1-1/2" #13	.068	57	1.33	3.20	1.062	2.750	.116	.070	.070	9	3.75	80	
1-1/2" #9	.108	114	1.33	3.20	1.000	2.563	.158	.110	.110	9	3.75	75	
FLATTENED - STAINLESS STEEL													
1/2" #18		69	.500	1.26	.312	1.000	.098	.040	.040	24	9.5	60	
1/2" #16		86	.500	1.26	.312	1.000	.099	.050	.050	24	9.5	60	
1/2" #13		178	.500	1.26	.240	.915	.132	.080	.080	24	9.5	57	
3/4" #18		46	.923	2.10	.750	1.812	.118	.040	.040	13	5.7	75	
3/4" #16		57	.923	2.10	.750	1.812	.118	.050	.050	13	5.7	75	
3/4" #13		86	.923	2.10	.625	1.750	.120	.070	.070	13	5.7	75	
3/4" #9		195	.923	2.10	.562	1.687	.165	.119	.119	13	5.7	61	
1-1/2" #16		43	1.33	3.15	1.062	2.750	.128	.050	.050	9	3.8	80	
1-1/2" #13		65	1.33	3.15	1.000	2.625	.130	.079	.079	9	3.8	80	
1-1/2" #9		131	1.33	3.15	.937	2.625	.165	.119	.119	9	3.8	75	
FLATTENED - ALUMINUM													
1/2"-.050		26	.500	1.27	.312	1.000	.104	.040	.040	24	9.5	61	
1/2"-.080		42	.500	1.27	.312	1.000	.105	.060	.060	24	9.5	58	
3/4"-.050		16	.923	2.125	.750	1.812	.122	.040	.040	13	5.66	72	
3/4"-.080(Lt)		30	.923	2.125	.687	1.750	.143	.070	.070	13	5.66	70	
3/4"-.080(HVY)		39	.923	2.125	.687	1.750	.181	.070	.070	13	5.66	63	
3/4"-.125		62	.923	2.125	.625	1.750	.187	.095	.095	13	5.66	62	
1-1/2"-.080		21	1.33	3.15	1.062	2.750	.143	.055	.055	9	3.8	77	
1-1/2"-.125		41	1.33	3.15	1.000	2.750	.181	.080	.080	9	3.8	70	

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Table C

NOMINAL WEIGHTS AND DIMENSIONS*

Style	Weight in Lbs. per 100 Sq. Ft.	Design Size			Opening Size			Strand Size (Inches)	Thick- ness	Overall Thick- ness (Inches)	No. of Diamonds		(% Open Area
		SWD	(Inches)	LWD	SWO	(Inches)	LWO				Width	Per Ft.	
SMALL DIAMONDS DESIGN-CARBON STEEL													
3/32" #24-.040	57	.140		.240	.062		.135	.040	.024	.065	86	50	40
1/8" #24-.040	53	.150		.300	.070		.155	.040	.024	.060	80	40	44
3/16" #26-.034	27	.190		.500	.165		.375	.034	.018	.090	63	24	70
3/16" #24-.050	50	.200		.500	.115		.325	.050	.024	.085	60	24	57
3/16" #22-.060	71	.210		.500	.110		.308	.060	.031	.095	57	24	45
1/4" #22-(.670 LWD)	52	.250		.670	.167		.473	.050	.031	.100	48	18	62

Note: Small diamond designs are available in other alloys such as aluminum, stainless steel, nickel, gold, platinum, zirconium and silver.

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