



HOWARD WIRE CLOTH CO.

Expanded Metals

SWD. "Short Way of Diamond, or Design" dimension; First number in style designation.

LWD. "Long Way of Diamond, or Design" dimension; Not used in style designation.

SWO. "Short Way of Opening" dimension; Used as a reference point only, to determine clear opening in the short dimension.

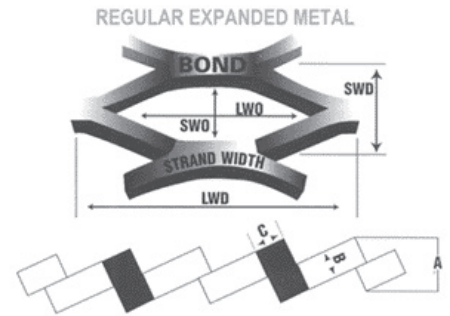
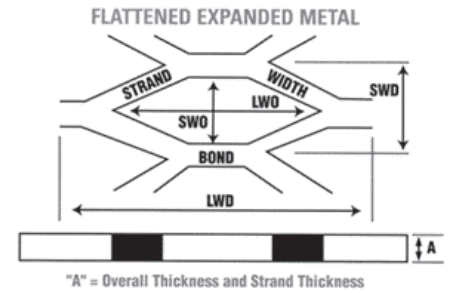
LWO. "Long Way of Opening" dimension; Used as a reference point only, to determine clear opening in the long dimension.

Design Size (Style). The first number designates nominal diamond pitch short way of design (SWD). The second number used in conjunction with the first number may specify the gauge of metal, weight per hundred square foot, or have some other significance. Therefore, word gauge should never be added to the design size or style.

Strands. The thickness of the metal in expanded design.

Strand Thickness. Original thickness of metal before expanding.

Strand Width. Amount of metal between diamonds to produce one strand.



Style No.	WGT. PER 100 SQ. FT.	Design Size CTR. To CTR. of Bridges (in inches)		Size of Opening (inches)		Size of Strand (inches)		STD Sheet Size (feet)		Used Gauge	% Open Area
		LBS.	SWD	LWD	SWO	LWO	THICK	WIDTH	WIDE		
Expanded - Flattened - Aluminum											
1/2" - .050"	25	.500	1.250	.313	1.0	.040	.100	4	8	16 B&S	64
1/2" - .080"	40	.500	1.250	.313	1.0	.060	.108	4	8	12 B&S	59
3/4" - .050"	16	.920	2.130	.75	1.188	.040	.130	4	8	16 B&S	76
3/4" - .080" LT.	30	.920	2.130	.688	1.75	.070	.140	4	8	12 B&S	72
3/4" - .080" HY.	38	.920	2.130	.688	1.75	.070	.180	4	8	12 B&S	65
3/4" - .125"	62	.920	2.130	.625	1.75	.095	.198	4	8	8 B&S	63
1-1/2" - .080"	20	1.330	3.135	1.063	2.75	.058	.168	4	8	12 B&S	77
1-1/2" - .125"	40	1.330	3.315	1.0	2.75	.080	.218	4	8	8 B&S	70

Expanded - Regular - Aluminum											
1/2" - .050"	26	.5	1.2	0.375	0.938	0.05	0.092	4	8	16 B&S	65
1/2" - .080"	43	.5	1.2	0.375	0.938	0.08	0.094	4	8	12 B&S	65
3/4" - .125"	65	.92	2	0.688	1.688	0.125	0.017	4	8	8 B&S	68



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	LBS.	SWD	LWD	SWO	LWO	THICK	WIDTH	WIDE	LONG		
Expanded - Regular - Stainless Steel - Type 304											
1/2" - No. 18	75	0.5	1.2	0.438	0.938	0.05	0.088	4	8	18	73
1/2" - No. 16	94	0.5	1.2	0.438	0.938	0.062	0.088	4	8	16	70
1/2" - No. 13	188	0.5	1.2	0.313	0.875	0.093	0.12	4	8	13	70
3/4" - No. 16	62	0.925	2	0.813	1.75	0.062	0.108	4	8	16	89
3/4" - No. 13	93	0.925	2	0.75	1.688	0.093	0.11	4	8	13	81
3/4" - No. 9	205	0.925	2	0.688	1.5	0.14	0.16	4	8	10	70

Expanded - Flattened - Stainless Steel - Type 304											
1/4" #18	112	0.258	1.05	0.094	0.781	0.04	0.085	4	8	18	35
1/2" - No. 18	70	0.5	1.275	0.313	1	0.04	0.099	4	8	18	58
1/2" - No. 16	88	0.5	1.275	0.313	1	0.05	0.099	4	8	16	54
1/2" - No. 13	178	0.5	1.275	0.25	1	0.08	0.099	4	8	13	54
3/4" - No. 16	59	0.925	2.1	0.75	1.188	0.05	0.126	4	8	16	73
3/4" - No. 13	88	0.925	2.1	0.625	1.75	0.08	0.12	4	8	13	72
3/4" - No. 9	197	0.925	2.1	0.625	1.625	0.13	0.17	4	8	10	65
1-1/2" - No. 9	135	1.335	3.15	1	2.5	0.13	0.17	4	8	10	72

Expanded - Regular - Carbon Steel											
1/4" #18	114	0.225	1	0.172	0.719	0.048	0.073	4	8 & 10	18	43
1/2" #18	70	0.5	1.2	0.375	0.938	0.048	0.088	3,4,6	8 & 10	18	65
1/2" #16	86	0.5	1.2	0.359	0.938	0.06	0.088	3,4,6	8 & 10	16	66
1/2" #13	146	0.5	1.2	0.348	0.938	0.09	0.093	3,4,6	8 & 10	13	62
3/4" #13	80	0.925	2	0.75	1.688	0.09	0.096	3,4,6	8 & 10	13	76
3/4" #9	180	0.925	2	0.75	1.5	0.134	0.148	3,4,6	8 & 10	10	69
1-1/2" #16	40	1.33	3	1.25	2.625	0.06	0.108	4,6	8 & 10	16	85
1-1/2" #9	120	1.33	3	1.188	2.438	0.134	0.14	4,6	8 & 10	10	79



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	LBS.	SWD	LWD	SWO	LWO	THICK	WIDTH	WIDE	LONG		
Expanded - Flattened - Carbon Steel											
1/4" #18	112	0.258	1.05	0.094	0.781	0.04	0.085	4	8	18	35
1/2" #20	40	0.5	1.25	0.375	1	0.03	0.074	3,4	8&10	20	65
1/2" #18	66	0.5	1.25	0.281	1	0.04	0.095	3,4	8&10	18	60
1/2" #16	80	0.5	1.25	0.25	1	0.05	0.1	3,4	8&10	16	60
1/2" #13	138	0.5	1.25	0.25	1	0.07	0.12	3,4	8&10	13	57
3/4" #13	75	0.925	2.1	0.688	1.781	0.07	0.12	3,4	10	13	73
3/4" #9	170	0.925	2.1	0.625	1.688	0.115	0.16	3,4	10	10	65
1" #16	42	1.08	2.56	0.875	2.25	0.048	0.115	4	8&10	16	78
1-1/2" #16	37	1.33	3.2	1.063	2.75	0.05	0.12	4	8&10	16	82
1-1/2" #13	56	1.33	3.2	1.063	2.75	0.07	0.13	3,4	8&10	13	80
1-1/2" #9	112	1.33	3.2	1.063	2.625	0.11	0.165	3,4	8&10	10	75