

HOW TO ORDER

When specifying expanded metal, give complete specification to avoid possible error. Indicate style, standard or flattened, type of metal and sheet dimensions. "SWD" dimensions are always given before "LWD."

Example: 1/2 #16 Flattened, Carbon Steel, 4' SWD x 8' LWD.

TERMINOLOGY

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.

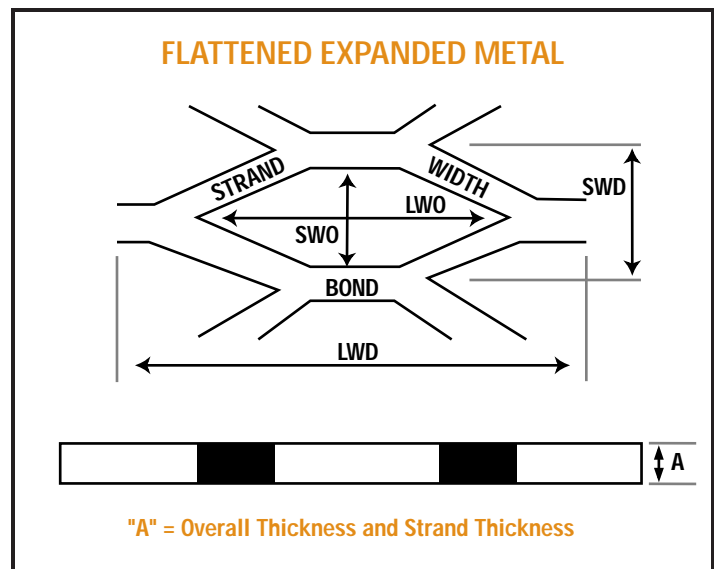
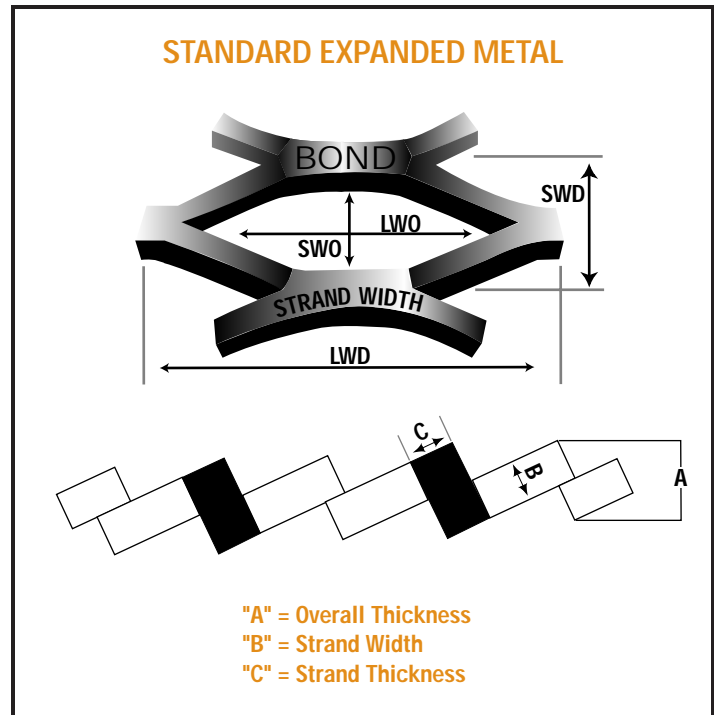
LWO. "Long Way of Opening" dimension; Used as a reference point only, to determine clear opening in the long dimension.

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. (LBS.)	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
		SWD	LWD	SWO	LWO	THICKNESS	WIDTH	WIDE	LONG		
EXPANDED – FLATTENED ALUMINUM											
1/4" - .040"	34	.260	1.050	.219	.781	.034	.080	4	8	18 B&S	35
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											
3/16"-.032"-.034"	15	.188	.500	.132	.320	.320	.034	4	4	20 B&S	72
3/16"-.032"-.050"	22	.200	.500	.124	.337	.032	.050	4	4	20 B&S	60
3/16"-.032"-.060"	25	.211	.500	.114	.320	.032	.060	4	4	20 B&S	52
3/16"-.032"-.070"	28	.220	.500	.093	.310	.032	.070	4	4	20 B&S	45
3/16"-.032"-.078"	32	.224	.500	.089	.300	.032	.078	4	4	20 B&S	42
1/4" - .050"	42	.255	1.000	.156	.719	.050	.073	4	8	16 B&S	44
1/2" - .040"	20	.500	1.200	.375	.938	.040	.090	4	8	18 B&S	67
1/2" - .050"	26	.500	1.200	.375	.938	.050	.092	4	8	16 B&S	65
1/2" - .063"	34	.500	1.200	.375	.938	.063	.094	4	8	14 B&S	65
1/2" - .080"	43	.500	1.200	.375	.938	.080	.094	4	8	12 B&S	65
3/4" - .050"	16	.920	2.000	.813	1.75	.050	.109	4	8	16 B&S	78
3/4" - .080" LT	32	.920	2.000	.75	1.688	.080	.126	4	8	12 B&S	78
3/4" - .080" HY	41	.920	2.000	.75	1.688	.080	.164	4	8	12 B&S	68
3/4" - .125"	65	.920	2.000	.688	1.688	.125	.170	4	8	8 B&S	68
1 1/2" - .063"	16	1.330	3.000	1.188	2.5	.063	.110	4	8	14 B&S	85
1 1/2" - .080"	21	1.330	3.000	1.188	2.5	.080	.130	4	8	12 B&S	83
1 1/2" - .125"	42	1.330	3.000	1.188	2.5	.125	.160	4	8	8 B&S	79
EXPANDED – REGULAR – STAINLESS STEEL – TYPE 304											
1/2" - No. 18	75	.500	1.200	.438	.938	.050	.088	4	8	18	73
1/2" - No. 16	94	.500	1.200	.438	.938	.062	.088	4	8	16	70
1/2" - No. 13	188	.500	1.200	.313	.875	.093	.120	4	8	13	70
3/4" - No. 18	50	.925	2.000	.813	1.75	.050	.108	4	8	18	87
3/4" - No. 16	62	.925	2.000	.813	1.75	.062	.108	4	8	16	89
3/4" - No. 13	93	.925	2.000	.75	1.688	.093	.110	4	8	13	81
3/4" - No. 9	205	.925	2.000	.688	1.5	.140	.160	4	8	10	70
1 1/2" - No. 16	45	1.335	3.000	1.25	2.75	.062	.116	4	8	16	92
1 1/2" - No. 13	70	1.335	3.000	1.25	2.625	.093	.114	4	8	13	80
1 1/2" - No. 9	137	1.335	3.000	1.125	2.625	.140	.155	4	8	10	82
EXPANDED – FLATTENED STAINLESS STEEL – TYPE 304											
1/2" - No. 18	70	.500	1.275	.313	1.0	.040	.099	4	8	18	58
1/2" - No. 16	88	.500	1.275	.313	1.0	.050	.099	4	8	16	54
1/2" - No. 13	178	.500	1.275	.25	1.0	.080	.099	4	8	13	54
3/4" - No. 18	48	.925	2.100	.75	1.188	.040	.128	4	8	18	76
3/4" - No. 16	59	.925	2.100	.75	1.188	.050	.126	4	8	16	73
3/4" - No. 13	88	.925	2.100	.625	1.75	.080	.120	4	8	13	72
3/4" - No. 9	197	.925	2.100	.625	1.625	.130	.170	4	8	10	65
1 1/2" - No. 16	43	1.335	3.150	1.063	2.75	.050	.128	4	8	16	81
1 1/2" - No. 13	68	1.335	3.150	1.0	2.625	.080	.126	4	8	13	75
1 1/2" - No. 9	135	1.335	3.150	1.0	2.5	.130	.170	4	8	10	72

STYLE NO.	WGT. PER 100 SQ. FT. (LBS.)	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
		SWD	LWD	SWO	LWO	THICKNESS	WIDTH	WIDE	LONG		
EXPANDED - REGULAR - CARBON STEEL											
3/16" #26 .034"	27	.188	.500	.135	.324	.018	.034	4	4	26 USS	72
3/16" #26 .050"	38	.200	.500	.120	.346	.018	.050	4	4	26 USS	63
3/16" #26 .060"	43	.212	.500	.115	.328	.018	.060	4	4	26 USS	56
3/16" #26 .070"	48	.220	.500	.100	.324	.018	.070	4	4	26 USS	48
3/16" #26 .080"	54	.224	.500	.097	.309	.018	.080	4	4	26 USS	38
3/16" #24 .034"	36	.190	.500	.147	.353	.024	.034	4	4	24 USS	72
3/16" #24 .050"	50	.200	.500	.127	.348	.024	.050	4	4	24 USS	60
3/16" #24 .060"	57	.212	.500	.110	.318	.024	.060	4	4	24 USS	52
3/16" #24 .070"	64	.220	.500	.098	.310	.024	.070	4	4	24 USS	45
3/16" #24 .080"	72	.225	.500	.098	.305	.024	.080	4	4	24 USS	42
3/16" #22 .034"	45	.188	.500	.130	.315	.030	.034	4	4	22 USS	64
3/16" #22 .050"	63	.200	.500	.117	.312	.030	.050	4	4	22 USS	56
3/16" #22 .060"	71	.211	.500	.115	.314	.030	.060	4	4	22 USS	46
3/16" #22 .070"	80	.220	.500	.098	.311	.030	.070	4	4	22 USS	41
3/16" #22 .080"	90	.224	.500	.098	.302	.030	.080	4	4	22 USS	34
1/4" #20	86	.225	1.000	.172	.719	.036	.073	4	8&10	20	43
1/4" #18	114	.255	1.000	.172	.719	.048	.073	4	8&10	18	43
1/2" #40	40	.500	1.200	.438	.938	.048	.048	4	8&10	18	80
1/2" #20	43	.500	1.200	.438	.938	.036	.070	4	8&10	20	71
1/2" #18	70	.500	1.200	.375	.938	.048	.088	3,4,6	8&10	18	65
1/2" #16	86	.500	1.200	.359	.938	.060	.088	3,4,6	8&10	16	66
1/2" #13	146	.500	1.200	.348	.938	.090	.093	3,4,6	8&10	13	62
3/4" #34 LT.	34	.920	2.000	.813	1.75	.060	.060	4	8&10	16	86
3/4" #16 HY.	54	.920	2.000	.813	1.75	.060	.092	3,4,6	8&10	16	77
3/4" #13	80	.925	2.000	.75	1.688	.090	.096	3,4,6	8&10	13	76
3/4" #10	120	.925	2.000	.75	1.625	.090	.144	3,4	8&10	13	69
3/4" #9	180	.925	2.000	.75	1.5	.134	.148	3,4,6	8&10	10	69
1" #16	45	1.010	2.400	.938	2	.060	.095	4	8&10	16	85
1" #13	67	1.010	2.400	.938	2	.090	.096	4	8&10	13	79
1" #10	96	1.010	2.400	.875	2	.090	.136	4	8&10	13	75
1" #9	144	1.010	2.400	.875	1.938	.134	.140	4	8&10	10	69
1-1/2" #18	20	1.330	3.000	1.313	2.625	.048	.068	4,6	8&10	18	88
1-1/2" #16	40	1.330	3.000	1.25	2.625	.060	.108	4,6	8&10	16	85
1-1/2" #13	60	1.330	3.000	1.188	2.5	.090	.107	4,6	8&10	13	85
1-1/2" #10	79	1.330	3.000	1.188	2.5	.090	.140	4,6	8&10	13	81
1-1/2" #9	120	1.330	3.000	1.188	2.438	.134	.140	4,6	8&10	10	79
1-1/2" #6	245	1.330	3.000	1.063	2.25	.200	.200	4,6	8&10	3/16	68
2" #10	69	1.85	4.000	1.625	3.438	.090	.164	4,6	8&10	10	80
2" #9	91	1.85	4.000	1.625	3.375	.134	.144	4,6	8&10	13	82
EXPANDED - FLATTENED - CARBON STEEL											
1/4" #20	84	.258	1.050	.094	.781	.030	.086	4	8	20	35
1/4" #18	112	.258	1.050	.094	.781	.040	.085	4	8	18	35
1/2" #40	38	.500	1.250	.375	1	.040	.065	3,4	8&10	18	77
1/2" #20	40	.500	1.250	.375	1	.030	.074	3,4	8&10	20	65
1/2" #18	66	.500	1.250	.281	1	.040	.095	3,4	8&10	18	60
1/2" #16	80	.500	1.250	.25	1	.050	.100	3,4	8&10	16	60
1/2" #13	138	.500	1.250	.25	1	.070	.120	3,4	8&10	13	57
3/4" #34 LT.	32	.925	2.100	.156	1.188	.045	.078	3,4	8&10	16	84
3/4" #16 HY.	50	.925	2.100	.75	1.75	.048	.112	3,4	8&10	16	74
3/4" #14	65	.925	2.100	.688	1.813	.063	.115	3,4	8&10	14	73
3/4" #13	75	.925	2.100	.688	1.781	.070	.120	3,4	10	13	73
3/4" #9	170	.925	2.100	.625	1.688	.115	.160	3,4	10	10	65
1" #16	42	1.080	2.560	.875	2.25	.048	.115	4	8&10	16	78
1" #14	55	1.010	2.560	.875	2.25	.060	.120	4	8&10	14	77
1" #9	137	1.010	2.560	.875	2.25	.120	.156	4	8&10	10	61
1-1/2" #16	37	1.330	3.200	1.063	2.75	.050	.120	4	8&10	16	82
1-1/2" #14	46	1.330	3.200	1.063	2.75	.060	.127	4	8&10	14	80
1-1/2" #13	56	1.330	3.200	1.063	2.75	.070	.130	3,4	8&10	13	80
1-1/2" #9	112	1.330	3.200	1.063	2.625	.110	.165	3,4	8&10	10	75