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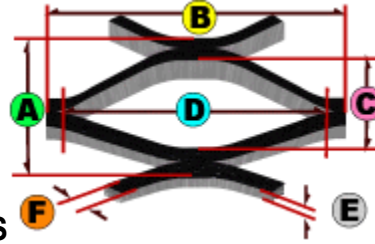


Table 1 - EXMET STANDARD EXPANDED METAL STYLES

Style No.	Minimal Thickness (inches)	Nominal Weight in Lbs. Per 100 sq. Ft.	Design Size (inches)		Opening Size (inches)		Strand Size (inches)		Open Area %
			A	B	C	D	E	F	
			SWD	LWD	SWO	LWO	Thick-ness	Width	
STANDARD-CARBON STEEL									
3/16" - #22	.027	56	.203	.500	.110	.313	.030	.047	55
3/16" - #20	.032	90	.203	.500	.080	.313	.036	.063	40
1/4" - #20	.032	86	.250	1.00	.125	.718	.036	.072	45
1/4" - #18	.042	114	.250	1.00	.110	.718	.048	.072	48
5/16" - #18	.042	104	.333	1.00	.188	.688	.048	.084	48
1/2" - #20	.032	43	.500	1.20	.438	.938	.036	.072	80
1/2" - #18	.042	70	.500	1.20	.438	.938	.048	.088	72
1/2" - #16	.053	86	.500	1.20	.375	.938	.060	.087	65
1/2" - #13	.083	147	.500	1.20	.312	.938	.092	.096	57
3/4" - #16	.053	54	.923	2.00	.813	1.750	.060	.101	78
3/4" - #13	.083	80	.923	2.00	.750	1.688	.092	.096	76
3/4" - #10(13g)	.083	120	.923	2.00	.750	1.625	.092	.144	72
3/4" - #9	.127	180	.923	2.00	.688	1.562	.134	.150	68
1" - #16	.053	44	1.00	2.40	.938	2.062	.060	.087	82
1" - #14	.067	78	1.00	2.40	.875	1.563	.074	.122	77
1" - #12	.095	101	1.00	2.40	.907	1.563	.105	.109	79
1" - #10L	.121	170	1.00	2.40	.750	1.563	.135	.155	69
1" - #10H	.121	200	1.00	2.40	.750	1.563	.135	.180	65
1 1/2" - #16	.053	40	1.33	3.00	1.250	2.625	.060	.108	85
1 1/2" - #13	.083	60	1.33	3.00	1.188	2.500	.092	.105	85
1 1/2" - #9	.127	120	1.33	3.00	1.125	2.375	.134	.144	76
1 1/2" - #10L	.121	170	1.33	3.00	1.000	2.375	.135	.200	70
1 1/2" - #10H	.121	200	1.33	3.00	.830	2.375	.135	.240	64
1 1/2" - #6	.184	250	1.33	3.00	1.110	2.313	.196	.203	69
STANDARD-STAINLESS STEEL									
1/2" - #18		73	.500	1.20	.437	.937	.050	.087	68
1/2" - #16		91	.500	1.20	.437	.937	.062	.087	60
1/2" - #13		187	.500	1.20	.325	.875	.093	.119	56
3/4" - #16		60	.923	2.00	.812	1.750	.062	.106	83
3/4" - #13		91	.923	2.00	.750	1.687	.093	.107	80
3/4" - #9		205	.923	2.00	.387	1.562	.140	.160	67
1 1/2" - #13		68	1.33	3.00	1.250	2.625	.093	.115	83
1 1/2" - #9		137	1.33	3.00	1.125	2.500	.140	.155	77
STANDARD-ALUMINUM									
1/2" - #051		27	.500	1.20	.375	.937	.050	.093	65
1/2" - #081		44	.500	1.20	.375	.937	.080	.096	60
3/4" - #051		17	.923	2.00	.812	1.750	.050	.109	78
3/4" - #064		22	.923	2.00	.823	1.660	.064	.111	83
3/4" - #081(HVY)		17	.923	2.00	.750	1.680	.080	.165	69
3/4" - #125		65	.923	2.00	.687	1.680	.125	.169	68
3/4" - #188		113	.923	2.00	.590	1.650	.188	.220	72
1 1/2" - #125		43	1.33	3.00	1.187	2.500	.125	.162	79

*Nominal weights and dimensions of all Expanded Metals are approximate. A variation of plus or minus 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 requirements



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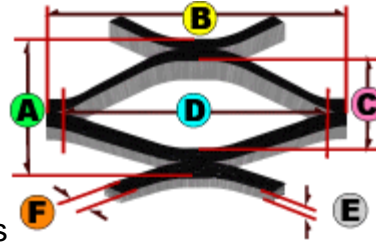


Table 2 - Exmet Flattened Expanded Metal Styles

Style No.	Minimal Thickness (inches)	Nominal Weight in Lbs. Per 100 sq. Ft.	Design Size (inches)		Opening Size (inches)		Strand Size (inches)		Open Area
			A	B	C	D	E	F	
			SWD	LWD	SWO	LWO	Thick-ness	Width	
FLATTENED-CARBON STEEL									
3/16" - #22	.026	55	.218	.500	.094	.343	.027	.063	43
3/16" - #20	.029	86	.218	.500	.094	.343	.032	.063	43
1/4" - #20	.029	82	.250	1.05	.084	.715	.030	.079	35
1/4" - #18	.039	108	.250	1.05	.075	.715	.040	.080	35
5/16" - #18	.039	95	.333	1.03	.172	.816	.040	.092	45
1/2" - #20	.029	40	.500	1.25	.375	1.000	.029	.079	65
1/2" - #18	.039	66	.500	1.25	.312	1.000	.039	.097	60
1/2" - #16	.048	82	.500	1.25	.312	1.000	.050	.096	63
1/2" - #13	.068	140	.500	1.25	.265	1.000	.070	.107	52
3/4" - #16	.048	51	.923	2.10	.750	1.750	.048	.111	75
3/4" - #13	.068	75	.923	2.10	.688	1.781	.070	.106	73
3/4" - #10(13g)	.068	114	.923	2.10	.637	1.755	.070	.160	68
3/4" - #9	.108	171	.923	2.10	.563	1.688	.120	.165	63
1" - #16	.048	41	1.00	2.50	.813	2.250	.050	.098	78
1" - #14	.059	72	1.00	2.50	.813	2.000	.060	.125	76
1" - #12	.083	96	1.00	2.50	.813	2.000	.085	.156	70
1" - #10L	.108	165	1.00	2.50	.750	1.900	.110	.160	68
1 1/2" - #16	.048	38	1.33	3.20	1.062	2.750	.048	.119	83
1 1/2" - #13	.068	57	1.33	3.00	1.062	2.750	.060	.116	80
1 1/2" - #9	.108	114	1.33	3.00	1.000	2.563	.110	.158	75
1 1/2" - #10L	.108	165	1.33	3.00	.900	2.563	.110	.188	72
FLATTENED-STAINLESS STEEL									
1/2" - #18		69	.500	1.26	.312	1.000	.040	.098	60
1/2" - #16		86	.500	1.26	.312	1.000	.050	.099	60
1/2" - #13		178	.500	1.26	.240	.915	.080	.132	57
3/4" - #16		57	.923	2.10	.750	1.812	.050	.118	75
3/4" - #13		86	.923	2.10	.625	1.750	.070	.120	74
3/4" - #9		195	.923	2.10	.562	1.687	.119	.165	61
1 1/2" - #13		65	1.33	3.15	1.000	2.625	.079	.130	80
1 1/2" - #9		131	1.33	3.15	.937	2.625	.119	.165	75
FLATTENED-ALUMINIUM									
1/2" - #051		26	.500	1.27	.312	1.000	.040	.104	61
1/2" - #081		42	.500	1.27	.312	1.000	.060	.105	58
3/4" - #051		16	.923	2.125	.750	1.812	.040	.122	72
3/4" - #064		20	.923	2.125	.750	1.780	.051	.122	75
3/4" - #081(HVY)		39	.923	2.125	.687	1.750	.070	.181	63
3/4" - #125		62	.923	2.125	.625	1.750	.095	.187	62
3/4" - #188		107	1.00	2.000	.540	1.400	.165	.280	67
1 1/2" - #125		41	1.33	3.15	1.000	2.750	.095	.181	70

*Nominal weights and dimensions of all Expanded Metals are approximate. A variation of plus or minus 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 requirements.



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Table 3 - EXMET GRATING EXPANDED METAL STYLES

Style No.	Minimal Thickness (inches)	Nominal Weight in Lbs. Per 100 sq. Ft.	Design Size (inches)		Opening Size (inches)		Strand Size (inches)		Open Area
			A	B	C	D	E	F	
			SWD	LWD	SWO	LWO	Thick-ness	Width	
CARBON STEEL									
CG3	3.00	1.330	5.330	0.940	3.400	.183	0.264	60	
CG3-5.5'X8'	3.00	1.330	5.330	0.940	3.400	.183	0.264	60	
CG3.14	3.14	2.000	6.000	1.625	4.880	.250	0.312	69	
CG4	4.00	1.330	5.330	0.940	3.400	.215	0.300	55	
CG4.27	4.27	1.410	4.000	1.000	2.880	.250	0.300	58	
CG5	5.00	1.330	5.330	0.813	3.380	.250	0.331	50	
CG6.25	6.25	1.410	5.330	0.813	3.380	.312	0.350	50	
CG7	7.00	1.410	5.330	0.813	3.380	.318	0.391	45	
STAINLESS STEEL									
S3.3	3.32	2.000	6.000	1.625	4.88	.250	.312	69	
ALUMINUM									
AG2	2.00	1.300	5.330	0.940	3.440	.250	0.387	48	

*Nominal weights and dimensions of Expanded Metal grating are approximate. A variation of plus or minus 5% is permitted.

FOR METRIC CONVERSION OF VALUES IN TABLES 1, 2, 3

From Inch-Pound Units	To Metric-Units	Multiply by
Inch (in.)	mm	25.4
foot (ft)	mm	304.8
foot (ft)	meter (m)	0.3048
lb (Mass)	kg	0.4536
lb (Mass) per sq ft	kg per sq meter (kg/m ²)	4.882
lb (Mass) per 100 sq ft	kg per sq meter (kg/m ²)	0.4882
lb (Force)	Newton (N)	4.448
lb (Force) per sq ft	Pascal (PA)	47.88
No. Of Diamonds per foot	No. of Diamonds per meter	3.28



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Table 4 – Concentrated Load Deflection Tables for a Fixed-Fixed Span

Carbon Steel			
Style (lbs. Per sq. ft)		24-Inch Span	36-Inch Span
3.0#	Concentrated Load Capacity (lb./ft.)	2.74	126
	Deflection Under Allowed Concentrated Load (in.)	0.25	0.25
3.14#	Concentrated Load Capacity (lb./ft.)	340	117
	Deflection Under Allowed Concentrated Load (in.)	0.25	0.25
4.0#	Concentrated Load Capacity (lb./ft.)	468	201
	Deflection Under Allowed Concentrated Load (in.)	0.25	0.25
Aluminum			
Style (lbs. Per sq. ft)		24-Inch Span	36-Inch Span
2.0#	Concentrated Load Capacity (lb./ft.)	320	136
	Deflection Under Allowed Concentrated Load (in.)	0.25	0.25

Notes:

1. Concentrated load is applied at mid-span and is in units of pounds per foot of grating width
2. Deflection is at the mid-span, and is measured in inches.
3. The test specimens on which this table is measured were welded at alternative strands to an angle fixture. Testing shows that if the ends are not so welded, the capacity of the grating is drastically reduced.