

STARK METAL SALES

FLATTENED EXPANDED METAL

Expanded Metal - Diamond Patterns (Carbon Steel / Safe-T-Mesh / Flattened)

Style	Lbs. per 100 Sq. Ft.	Standard Sheet Size (Ft.)		Design Sizes (inches)		Opening Sizes (inches)		Apx. Strand Size (inches)		Overall Thick- ness (In.)	Number of Designs Per Ft.		% Open Area
		Width	Length	SWD	LWD	SWO	LWO	thick- ness	width		SWD	LWD	
1/4" #18F	108	4	8	0.25	1.05	0.13	0.72	0.040	0.08	0.040	48	11.6	37
1/2" #20F	40	3 & 4	8	0.50	1.25	0.38	0.94	0.029	0.079	0.029	24	9.5	70
1/2" #18F	66	3 & 4	8	0.50	1.25	0.31	1.00	0.039	0.097	0.039	24	9.5	63
1/2" #16F	82	3 & 4	8, 4 & 10	0.50	1.25	0.31	1.00	0.050	0.096	0.050	24	9.5	62
1/2" #13F	120	3 & 4	8, 4 & 10	0.50	1.25	0.28	1.00	0.070	0.107	0.070	24	9.5	55
3/4" #16F	51	3 & 4	8, 4 & 10	0.92	2.10	0.72	1.78	0.048	0.111	0.048	13	5.7	75
3/4" #14F	63	3 & 4	8, 4 & 10	0.92	2.10	0.72	1.75	0.061	0.105	0.061	13	5.7	73
3/4" #13F	75	3 & 4	8	0.92	2.10	0.72	1.72	0.070	0.106	0.070	13	5.7	76
3/4" #9F (10ga)	171	3 & 4	8, 4 & 10	0.92	2.10	0.56	1.63	0.120	0.165	0.120	13	5.7	58
1" #16F	41	4	8	1.00	2.50	0.88	2.16	0.050	0.098	0.050	12	4.7	79
1-1/2" #16F	41	4	8	1.33	3.20	1.00	2.59	0.048	0.119	0.048	9	3.7	71
1-1/2" #14F	46	4	8	1.33	3.20	1.09	2.72	0.060	0.134	0.060	9	3.7	76
1-1/2" #13F	57	4	8 & 10	1.33	3.20	1.09	2.72	0.070	0.116	0.070	9	3.7	81
1-1/2" #9F (10ga)	114	3 & 4	8, 4 & 10	1.33	3.20	1.09	2.72	0.110	0.158	0.110	9	3.7	80

STANDARD EXPANDED METAL

Expanded Metal - Diamond Patterns (Carbon Steel / Safe-T-Mesh / Standard)

Style	Lbs. per 100 Sq. Ft.	Standard Sheet Size (Ft.)		Design Sizes (inches)		Opening Sizes (inches)		Apx. Strand Size (inches)		Overall Thick- ness (In.)	Number of Designs Per Ft.		% Open Area
		Width	Length	SWD	LWD	SWO	LWO	thick- ness	width		SWD	LWD	
1/4" #18	114	4	8	0.25	1.00	0.16	0.67	0.048	0.072	0.147	48	12	38
1/2" #20	43	4	8	0.50	1.20	0.44	0.97	0.036	0.072	0.140	24	10	76
1/2" #18	70	4 & 6	8	0.50	1.20	0.42	0.64	0.048	0.086	0.172	24	10	68
1/2" #16	86	4	8 & 10	0.50	1.20	0.38	0.90	0.060	0.087	0.175	24	10	60
1/2" #13	147	4	8 & 10	0.50	1.20	0.33	0.88	0.092	0.096	0.204	24	10	67
3/4" #16	54	4 & 6	8, 4 & 10	0.92	2.00	0.78	1.69	0.060	0.101	0.210	13	6	80
3/4" #14	80	4 & 6	8, 4 & 10	0.92	2.00	0.80	1.63	0.092	0.096	0.205	13	6	74
3/4" #13	120	4 & 6	8	0.92	2.00	0.70	1.61	0.092	0.144	0.290	13	6	71
3/4" #9 (10ga)	180	4 & 6	8, 4 & 10	0.92	2.00	0.66	1.52	0.134	0.150	0.312	13	6	65
1" #16	44	4	8	1.00	2.40	0.90	2.03	0.060	0.087	0.192	12	5	87
1-1/2" #16	40	4	8	1.33	3.00	1.25	2.61	0.060	0.108	0.230	9	4	86
1-1/2" #13	60	4 & 6	8 & 10	1.33	3.00	1.23	2.55	0.092	0.105	0.242	9	4	85
1-1/2" #10 (13ga)	79	4 & 6	8	1.33	3.00	1.19	2.50	0.092	0.138	0.284	9	4	81
1-1/2" #9 (10ga)	120	4 & 6	8 & 10	1.33	3.00	1.14	2.44	0.134	0.144	0.312	9	4	68
1-1/2" #6	250	4	8	1.33	3.00	1.03	2.28	0.198	0.203	0.433	9	4	61
2" #9 (10ga)	90	4	8	1.85	4.00	1.67	3.38	0.134	0.149	0.312	6.5	3	84

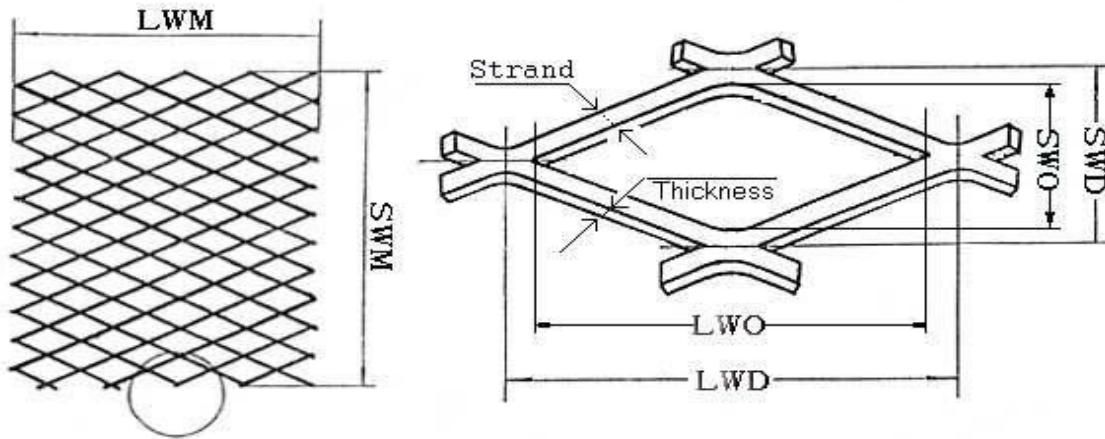
STARK METAL SALES, INC.

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STARK METAL SALES

STANDARD GRATING

Style	Lbs. per 100 Sq. Ft.	Standard Sheet Size (Ft.)		Design Sizes (inches)		Opening Sizes (inches)		Apx. Strand Size (inches)		Overall Thickness (In.)	Number of Designs Per Ft.		% Open Area
		Width	Length	SWD	LWD	SWO	LWO	thick-ness	width		SWD	LWD	
3.0#	300	4 & 6	8, 6 & 12	1.33	5.33	0.940	3.44	0.183	0.264	0.540	9	2.25	60
3.14#	314	4	8 & 10 6 & 10	2.00	6.00	1.625	4.88	0.250	0.312	0.656	6	2	69
4.0#	400	4 & 6	8 & 10 5 & 10	1.33	5.33	0.940	3.44	0.215	0.300	0.618	9	2.25	55
4.27#	427	4 & 6	8 & 10	1.41	4.00	1.00	2.88	0.250	0.300	0.625	8.5	3	58
5.0#	500	4	8 & 10 5 & 10	1.33	5.33	0.813	3.38	0.250	0.331	0.655	9	2.25	50
6.25#	625	4 & 6	8, 4 & 12	1.41	5.33	0.813	3.38	0.312	0.350	0.715	8.5	2.25	50
7.0#	700	4	8	1.41	5.33	0.813	3.38	0.312	0.391	0.740	8.5	2.25	45



Design Size - Actual dimension SWD and LWD measured from a point to a corresponding point on the following design.

SWD - Nominal dimension Short Way of Design

LWD - Nominal dimension Long Way of Design

SWO - Short Way of Opening

LWO - Long Way of Opening

Strands - The sides of the expanded metal design

Strand Thickness - Gauge thickness of metal expanded

Strand Width - Amount of metal fed under dies to produce one strand

Strand Thickness & Width - can be varied to create different openings. The width of the strands should equal or exceed the gauge of the strand thickness.

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