

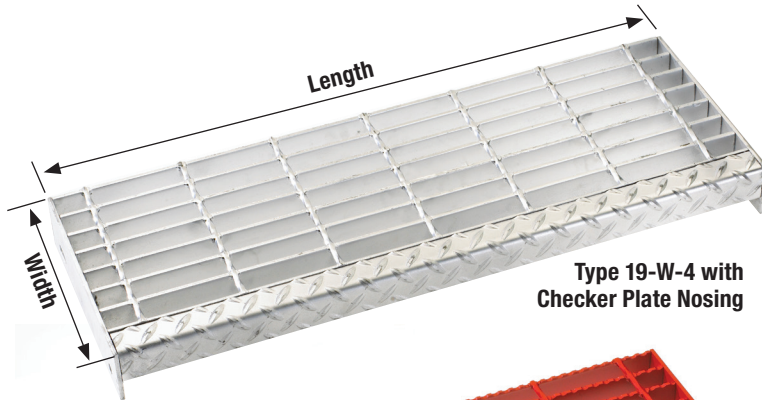


GRATING PACIFIC

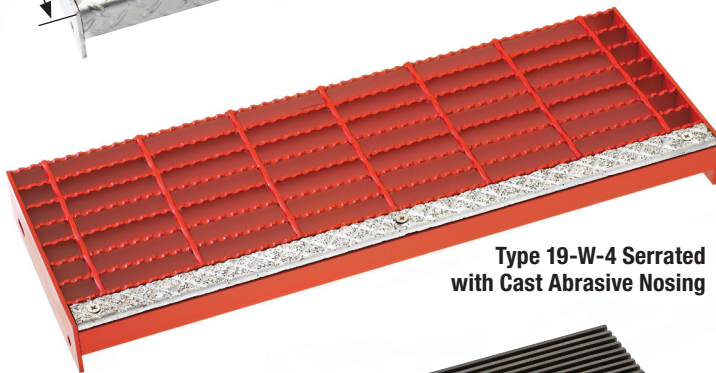
STEEL BAR GRATING STAIR TREADS

STEEL STAIR TREADS

Steel grating stair treads are available fabricated to any size in type "W" welded, type "DT" dovetail pressure locked, or type "SL" swage locked grating. Treads are manufactured with a defined visible nosing and pre-punched end carrier plates or angles, ready for bolting or welding to the stair stringers.



Type 19-W-4 with Checker Plate Nosing



Type 19-W-4 Serrated with Cast Abrasive Nosing

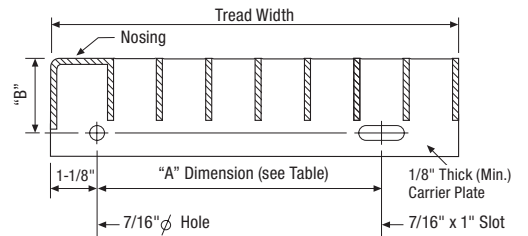


Type 7-SL-4 with Cast Abrasive Nosing

STEEL CARRIER PLATES & ANGLES

STEEL CARRIER PLATES

Recommended for use with 19, 15, and 11 spaced gratings

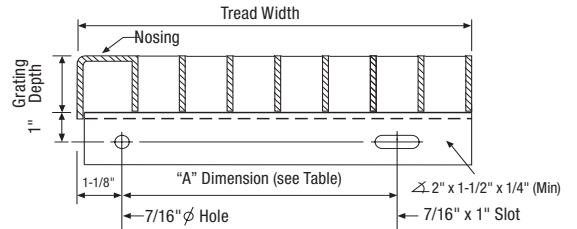


"B" Dimension

- 1-3/4" for 3/4" thru 1-1/4" bearing bars
- 2-1/4" for 1-1/2" thru 1-3/4" bearing bars
- 3-1/4" for 2" thru 2-1/2" bearing bars

STEEL CARRIER ANGLES

Recommended for use with 8 and 7 spaced gratings



NOSING OPTIONS

Slip-resistant tread nosings are available with standard 1-1/4" width.

Optional 2" wide nosings are available for applications subject to California Title 24 and the California Building Code (must be specified at time of order).



Checker plate nosing welded to grating and carrier plates/angles.



Cast abrasive nosing mechanically fastened to welded mounting angle.



FRP nosing mechanically fastened to welded mounting angle.



OnGrip nosing welded to grating and carrier plates/angles.



GRATING PACIFIC

STEEL BAR GRATING STAIR TREADS

TABLE OF STAIR TREAD WIDTHS - STANDARD 1-1/4" WIDE NOSING

19 Space			15 Space			11 Space			8 Space			7 Space		
Bearing Bars @ 1-3/16" O.C.			Bearing Bars @ 15/16" O.C.			Bearing Bars @ 11/16" O.C.			Bearing Bars @ 1/2" O.C.			Bearing Bars @ 7/16" O.C.		
Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension
6-1/4"	5	2-1/2"	7"	7	4-1/2"	6-1/4"	8	2-1/2"	6-1/2"	11	2-1/2"	6-3/4"	13	2-1/2"
7-3/8"	6	4-1/2"	8"	8	4-1/2"	7-5/8"	10	4-1/2"	7-1/2"	13	4-1/2"	7-5/8"	15	4-1/2"
8-1/2"	7	4-1/2"	8-7/8"	9	4-1/2"	9"	12	4-1/2"	9"	16	4-1/2"	8-1/2"	17	4-1/2"
9-3/4"	8	7"	9-7/8"	10	7"	10-3/8"	14	7"	10"	18	7"	10-1/8"	21	7"
11"	9	7"	10-3/4"	11	7"	11"	15	7"	11"	20	7"	11-1/8"	23	7"
12-1/8"	10	7"	11-5/8"	12	7"	11-3/4"	16	7"	12"	22	7"	12"	25	7"

TABLE OF STAIR TREAD WIDTHS - OPTIONAL 2" WIDE NOSING

19 Space			15 Space			11 Space			8 Space			7 Space		
Bearing Bars @ 1-3/16" O.C.			Bearing Bars @ 15/16" O.C.			Bearing Bars @ 11/16" O.C.			Bearing Bars @ 1/2" O.C.			Bearing Bars @ 7/16" O.C.		
Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension	Nominal Tread Width	Number of Bearing Bars	Standard "A" Dimension
6-15/16"	4	4-1/2"	7-13/16"	6	4-1/2"	7"	7	4-1/2"	7-3/16"	10	4-1/2"	7-7/8"	13	4-1/2"
8-1/8"	5	4-1/2"	8-3/4"	7	4-1/2"	8-3/8"	9	4-1/2"	8-3/16"	12	4-1/2"	8-3/4"	15	4-1/2"
9-5/16"	6	7"	9-11/16"	8	7"	9-3/4"	11	7"	9-3/16"	14	7"	9-5/8"	17	7"
10-1/2"	7	7"	10-5/8"	9	7"	11-1/8"	13	7"	10-3/16"	16	7"	10-1/2"	19	7"
11-11/16"	8	7"	11-9/16"	10	7"	11-13/16"	14	7"	11-3/16"	18	7"	11-3/8"	21	7"
12-7/8"	9	7"	12-1/2"	11	7"	12-1/2"	15	7"	12-3/16"	20	7"	12-1/4"	23	7"

RECOMMENDED MAXIMUM STEEL STAIR TREAD LENGTHS*

Bearing Bar Size	19 Space		15 Space		11 Space		8 Space		7 Space	
	1-3/16" O.C.		15/16" O.C.		11/16" O.C.		1/2" O.C.		7/16" O.C.	
	Plain	Serrated	Plain	Serrated	Plain	Serrated	Plain	Serrated	Plain	Serrated
3/4" x 3/16"	2'-4"	—	2'-8"	—	3'-1"	—	3'-7"	—	3'-10"	—
1" x 3/16"	3'-5"	2'-10"	4'-0"	3'-4"	4'-3"	3'-9"	4'-9"	4'-1"	5'-2"	4'-5"
1-1/4" x 3/16"	4'-8"	4'-2"	5'-1"	4'-6"	5'-6"	4'-10"	5'-6"	5'-5"	5'-6"	5'-6"
1-1/2" x 3/16"	5'-6"	5'-3"	5'-6"	5'-6"	5'-6"	5'-6"	5'-8"	5'-6"	5'-10"	5'-5"
1-3/4" x 3/16"	5'-6"	5'-6"	5'-8"	5'-6"	5'-11"	5'-7"	6'-6"	6'-1"	6'-9"	6'-4"
2" x 3/16"	5'-11"	5'-7"	6'-4"	6'-0"	6'-9"	6'-4"	7'-5"	6'-11"	7'-8"	7'-3"
2-1/4" x 3/16"	6'-8"	6'-3"	7'-1"	6'-9"	7'-7"	7'-2"	8'-3"	7'-10"	8'-7"	8'-2"
2-1/2" x 3/16"	7'-4"	7'-0"	7'-11"	7'-6"	8'-4"	7'-11"	9'-2"	8'-9"	9'-6"	9'-1"

* For treads up to 5'-6", maximum tread lengths are based upon 300 lb. concentrated load on the front 5 inches of the tread, at the center of the tread length. When treads exceed 5'-6" in length, design allows for 300 lb. concentrated loads at 1/3 points of tread length. Deflection is limited to the lesser of .250" or 1/240 of tread length in all cases.