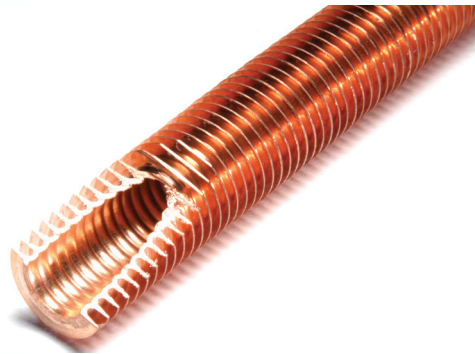




W/H Trufin®

Designed for Heat Transfer

Type W/H Trufin is an integral finned tubing. It has 11 fins per inch and has a controlled inside diameter and an average wall thickness. It is designed for many diversified heat transfer applications, especially for tank less hot water heater usage since its controlled internal corrugation facilitates winding into the tight coils often needed for such heaters.



External Standards

This product is produced in alloy C12200 to meet the mechanical, chemical, and testing requirements of ASTM B75/B359 and in alloy C70600 to meet the mechanical, chemical, and testing requirements of ASTM B111/B359. For applications to the ASME pressure vessel code, the product will be produced to meet the requirements of ASME SB75/SB359 for alloy C12200 and to SB111/SB359 for alloy C70600. Other applicable standards - DIN 1787, DIN 17671, DIN 17664, and ADW 6/2 WD TUV 420/5.

Plain Sections

Plain ends and lands of 1" (25.4 mm) and over are standard. For plain ends and lands down to 5/8" (15.9 mm), contact the Wolverine Marketing Department. Spacing between lands of 18" (457.2 mm) and over is supplied as standard.

Lengths

Overall lengths, with power brush deburred ends, are supplied from 4' (1.219 m) to 60' (18.288 m) as standard. Overall lengths, with chamfered ends, can be supplied from 3' (0.914 m) to 28' (8.534 m) as standard lengths.

Temper

W/H Trufin is supplied as standard, in the "as finned" condition with plain ends and lands in the annealed condition. Material can be supplied in the annealed condition the entire length by special request.



Catalog Number	Weight Per Unit Length lb/ft (kg/m)	Plain End Outside Dia. inch (mm)	Plain End Wall inch (mm)	Min. Wall Under Fins inch (mm)	Nom. Root Diameter inch (mm)	Nom. Outside Surface Area ft ² /ft (m ² /m)	Surface Area Ratio Outside to Inside	Nom. ID Cross Sect. Area in ² (mm ²)
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UNS 12200

66-114025	0.380 (0.565)	0.625 (15.88)	0.063 (1.60)	0.023 (0.584)	0.500 (12.70)	0.625 (15.88)	5.05	0.156 (100.6)
66-114028	0.396 (0.589)	0.625 (15.88)	0.063 (1.60)	0.026 (0.648)	0.500 (12.70)	0.581 (0.177)	5.05	0.152 (98.1)
66-114035	0.427 (0.635)	0.625 (15.88)	0.070 (1.78)	0.033 (0.826)	0.500 (12.70)	0.581 (0.177)	5.16	0.145 (93.5)
66-114040	0.446 (0.664)	0.625 (15.88)	0.072 (1.83)	0.037 (0.940)	0.500 (12.70)	0.581 (0.177)	5.28	0.139 (89.7)
66-115032	0.500 (0.744)	0.750 (19.05)	0.068 (1.73)	0.030 (0.749)	0.625 (15.88)	0.703 (0.214)	4.78	0.246 (158.7)
66-115040	0.555 (0.826)	0.750 (19.05)	0.072 (1.83)	0.037 (0.940)	0.625 (15.88)	0.703 (0.214)	4.92	0.233 (150.3)
66-116038	0.643 (0.957)	0.875 (22.23)	0.072 (1.83)	0.035 (0.889)	0.750 (19.05)	0.825 (0.251)	4.64	0.357 (230.3)
66-116046	0.729 (1.085)	0.875 (22.23)	0.083 (2.11)	0.043 (1.080)	0.750 (19.05)	0.825 (0.251)	4.80	0.337 (217.4)

UNS 70600

66-114035	0.439 (0.653)	0.625 (15.88)	0.072 (1.83)	0.033 (0.826)	0.500 (12.70)	0.581 (0.177)	5.16	0.145 (93.5)
66-115040	0.579 (0.862)	0.750 (19.05)	0.075 (1.91)	0.037 (0.940)	0.625 (15.88)	0.703 (0.214)	4.92	0.233 (150.3)
66-116038	0.665 (0.990)	0.875 (22.23)	0.075 (1.91)	0.035 (0.889)	0.750 (19.05)	0.825 (0.251)	4.64	0.357 (230.3)
66-116044	0.724 (1.077)	0.875 (22.23)	0.083 (2.11)	0.041 (1.029)	0.750 (19.05)	0.825 (0.251)	4.77	0.342 (220.6)
66-116049	0.785 (1.168)	0.875 (22.23)	0.088 (2.24)	0.046 (1.156)	0.750 (19.05)	0.825 (0.251)	4.85	0.332 (214.2)
66-117049	0.920 (1.369)	1.000 (25.40)	0.088 (2.24)	0.046 (1.156)	0.875 (22.23)	0.930 (0.283)	4.58	0.472 (304.5)
66-118049	1.090 (1.622)	1.125 (28.58)	0.088 (2.24)	0.046 (1.156)	1.000 (25.40)	1.047 (0.319)	4.44	0.636 (410.3)

The minimum average fin height is 0.125 inch (3.175 mm).