

Admiral Scaleless Blue Tempered 1074/1075 Spring Steel

SAE/AISI 1074/1075 UNS# G10740/G10750

Previously known as Black Oil Temper. Looks and acts much like Blue Tempered and Polished 1095, the difference being that Scaleless Blue is of medium high carbon, has been oil tempered, and has better forming qualities. Used where the higher carbon content and polished surface aren't needed.

TYPICAL ANALYSIS: C .69/.80 Mn .40/.80 P .020 max. S .025 max Si .15/.30

TYPICAL HARDNESS: Rockwell C 44-47 (.010" - .062")
Rockwell C 44-50 (.094" - .125")

TYPICAL APPLICATIONS: Hold down springs, lock springs, snap springs, & trap springs

FINISH: Dull blue/grey

AVAILABLE FORMS: Stock size sheets and coils. Material may also be Slit, Sheared, Laser Cut, Leveled, Blanked, Edged, Deburred, and/or Re flattened to your specifications.

See our reference section for information regarding edge conditions, finish descriptions, gauge tolerances, heat treating, hardness conversions and physical properties.

STOCK GAUGES & SIZES – *Contact our office for availability of other gauges!*

Size	Lbs Per 100 Lin. Ft.	Size	Lbs Per 100 Lin. Ft.	Size	Lbs Per 100 Lin. Ft.
.010 X 1/4	.85	.012 X 3	12.24	.016 X 6	32.64
.010 X 5/16	1.06	.012 X 6	24.48	.018 X 1/4	1.53
.010 X 3/8	1.28	.012 X 12-3/8	50.48	.018 X 5/16	1.91
.010 X 1/2	1.70	.012 X 21-3/8	87.20	.018 X 3/8	2.30
.010 X 5/8	2.13	.015 X 1/4	1.28	.018 X 1/2	3.06
.010 X 3/4	2.55	.015 X 5/16	1.59	.018 X 5/8	3.83
.010 X 1	3.40	.015 X 3/8	1.91	.018 X 3/4	4.559
.010 X 4	13.60	.015 X 7/16	2.23	.018 X 1	6.12
.010 X 6	20.40	.015 X 1/2	2.55	.018 X 6	36.72
.010 X 12	40.80	.015 X 5/8	3.19	.018 X 12-3/8	75.76
.010 X 21-3/8	72.66	.015 X 3/4	3.83	.018 X 21-3/8	130.80
.012 X 1/4	1.02	.015 X 1	5.10		
.012 X 5/16	1.28	.015 X 1-1/2	7.65	.020 X 1/4	1.70
.012 X 3/8	1.53	.015 X 2	10.20	.020 X 5/16	2.13
.012 X 1/2	2.04	.015 X 6	30.60	.020 X 3/8	2.55
.012 X 5/8	2.50	.015 X 12-3/8	63.43	.020 X 7/16	2.98
.012 X 1	4.08	.015 X 21-3/8	109.00	.020 X 1/2	3.40
.012 X 2	8.16				

Size	Lbs Per 100 Lin. Ft.	Size	Lbs Per 100 Lin. Ft.	Size	Lbs Per 100 Lin. Ft.
.020 X 5/8	4.25	.032 X 1	10.88	.062 X 1/4	5.27
.020 X 3/4	5.10	.032 X 1-1/4	13.66	.062 X 5/16	6.59
.020 X 7/8	5.95	.032 X 1-1/2	16.32	.062 X 3/8	7.91
.020 X 1	6.80	.032 X 2	21.76	.062 X 1/2	10.54
.020 X 1-1/4	8.50	.032 X 3	32.64	.062 X 5/8	13.18
.020 X 1-1/2	10.20	.032 X 4	43.52	.062 X 3/4	15.81
.020 X 2	13.60	.032 X 6	65.28	.062 X 7/8	18.45
.020 X 3	20.40	.032 X 12-3/8	136.64	.062 X 1	21.08
.020 X 6	40.80	.032 X 21-3/8	232.53	.062 X 1-1/4	26.35
.020 X 12-3/8	84.15			.062 X 1-1/2	31.62
.020 X 21-3/8	145.34	.035 X 1/4	2.98	.062 X 2	42.16
		.035 X 5/16	3.72	.062 X 2-1/2	522.70
.022 X 1/4	1.87	.035 X 3/8	4.46	.062 X 3	63.24
.022 X 5/16	2.34	.035 X 7/16	5.21	.062 X 4	84.32
.022 X 3/8	2.81	.035 X 1/2	5.95	.062 X 6	126.48
.022 X 1/2	3.74	.035 X 5/8	7.44	.062 X 8	168.64
.022 X 5/8	4.68	.035 X 3/4	8.93	.062 X 10	210.78
.022 X 3/4	5.61	.035 X 1	11.90	.062 x 12-3/8	260.84
.022 X 1	7.48	.035 X 1-1/4	14.88	.062 x 21-3/8	450.53
.022 X 6	44.88	.035 X 2	23.80		
.022 X 12-3/8	92.57	.035 X 3	35.70	.094 X 1/4	8.14
		.035 X 6	71.40	.094 X 1/2	15.95
.025 X 1/4	2.13	.035 X 12-3/8	147.26	.094 X 5/8	19.95
.025 X 5/16	2.66	.035 X 21-3/8	254.34	.094 X 3/4	24.00
.025 X 3/8	3.19			.094 X 1	32.00
.025 X 7/16	3.72	.042 X 1/4	3.57	.094 X 1-1/2	47.90
.025 X 1/2	4.25	.042 X 5/16	4.46	.094 X 2	64.60
.025 X 5/8	5.31	.042 X 3/8	5.36	.094 X 2-1/2	80.00
.025 X 3/4	6.38	.042 X 1/2	7.14	.094 X 3	96.00
.025 X 1	8.50	.042 X 5/8	8.93	.094 X 4	129.20
.025 X 2	17.00	.042 X 3/4	10.71	.094 X 5	161.50
.025 X 3	25.50	.042 X 1	14.28		
.025 X 6	51.00	.042 X 1-1/2	21.42	.125 X 1/2	21.50
.025 X 12-3/8	105.19	.042 X 2	28.56	.125 X 3/4	31.88
.025 X 21-3/8	181.67	.042 X 3	42.84	.125 X 7/8	37.20
		.042 X 6	85.68	.125 X 1	42.50
.028 X 1/4	2.38	.042 X 12-3/8	176.72	.125 X 1-1/4	53.16
.028 X 3/4	7.14	.042 X 21-3/8	305.20	.125 X 1-1/2	63.80
.028 X 7/8	8.33				
.028 X 1	9.52	.050 X 1/4	4.25		
.028 X 2	19.04	.050 X 5/16	5.31		
.028 X 6	57.12	.050 X 3/8	6.38		
.028 X 12-3/8	117.81	.050 X 1/2	8.50		
.028 X 21-3/8	203.47	.050 X 5/8	10.63		
		.050 X 3/4	12.75		
.030 X 1	10.20	.050 X 7/8	14.88		
.030 X 6	61.20	.050 X 1	17.00		
.030 X 12-3/8	126.23	.050 X 1-1/4	21.25		
.030 X 21-3/8	218.00	.050 X 1-1/2	25.50		
		.050 X 2	34.00		
.032 X 1/4	2.72	.050 X 3	51.00		
.032 X 3/8	4.08	.050 X 6	102.00		
.032 X 1/2	5.44	.050 x 12-3/8	210.35		
.032 X 5/8	6.88	.050 X 21-3/8	363.33		
.032 X 3/4	8.16				