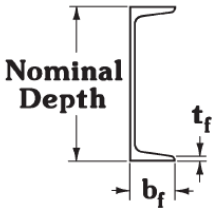
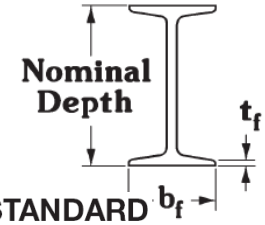
TECHNICAL DATA



AMERICAN STANDARD 'C' SHAPE CHANNELS

Designation Nominal Depth & Weight		Flange Width b_f		Flange Thickness t_f	
in. X $^{lbs}/_{ft}$	mm X $^{kg}/_{m}$				
C3 X 4.1	(C75 X 6.1)	$1^{3}/_{8}$	(35)	.273	(6.9)
C3 X 5	(C75 X 7.4)	$1^{1}/_{2}$	(37)	.273	(6.9)
C3 X 6	(C75 X 8.9)	$1^{5}/_{8}$	(40)	.273	(6.9)
C4 X 5.4	(C100 X 8)	$1^{9}/_{16}$	(40)	.296	(7.5)
C4 X 7.25	(C100 X 10.8)	$1^{3}/_{4}$	(44)	.296	(7.5)
C5 X 6.7	(C130 X 10)	$1^{3}/_{4}$	(44)	.320	(8.1)
C5 X 9	(C130 X 13.4)	$1^{7}/_{8}$	(47)	.320	(8.1)
C6 X 8.2	(C150 X 12.2)	$1^{15}/_{16}$	(48)	.343	(8.7)
C6 X 10.5	(C150 X 15.6)	2	(51)	.343	(8.7)
C6 X 13	(C150 X 19.3)	$2^{1}/_{8}$	(54)	.343	(8.7)
C7 X 9.8	(C180 X 14.6)	$2^{1}/_{16}$	(53)	.366	(9.3)
C7 X 12.25	(C180 X 18.2)	$2^{3}/_{16}$	(55)	.366	(9.3)
C7 X 14.75	(C180 X 22)	$2^{1}/_{4}$	(57)	.366	(9.3)
C8 X 11.5	(C200 X 17.1)	$2^{1}/_{4}$	(57)	.390	(9.9)
C8 X 13.75	(C200 X 20.5)	$2^{3}/_{8}$	(59)	.390	(9.9)
C8 X 18.75	(C200 X 27.9)	$2^{1}/_{2}$	(63)	.390	(9.9)
C9 X 13.4	(C230 X 19.9)	$2^{7}/_{16}$	(61)	.413	(10.5)
C9 X 15	(C230 X 22)	$2^{1}/_{2}$	(63)	.413	(10.5)
C9 X 20	(C230 X 30)	$2^{5}/_{8}$	(67)	.413	(10.5)
C10 X 15.3	(C250 X 22.8)	$2^{5}/_{8}$	(67)	.436	(11.1)
C10 X 20	(C250 X 30)	$2^{3}/_{4}$	(69)	.436	(11.1)
C10 X 25	(C250 X 37)	$2^{7}/_{8}$	(73)	.436	(11.1)
C10 X 30	(C250 X 45)	3	(76)	.436	(11.1)
C12 X 20.7	(C310 X 30.8)	$2^{15}/_{16}$	(74)	.501	(12.7)
C12 X 25	(C310 X 37)	3	(76)	.501	(12.7)
C12 X 30	(C310 X 45)	$3^{1}/_{8}$	(80)	.501	(12.7)
C15 X 33.9	(C380 X 50.4)	$3^{3}/_{8}$	(86)	.650	(16.5)
C15 X 40	(C380 X 60)	$3^{1}/_{2}$	(89)	.650	(16.5)
C15 X 50	(C380 X 74)	$3^{3}/_{4}$	(94)	.650	(16.5)
C18 X 42.7	(C460 X 63.5)	4	(102)	.625	(15.9)
C18 X 45.8	(C460 X 68.1)	4	(102)	.625	(15.9)
C18 X 51.9	(C460 X 77.2)	$4^{1}/_{8}$	(106)	.625	(15.9)
C18 X 58	(C460 X 86.3)	$4^{1}/_{4}$	(112)	.625	(15.9)

Dimensions taken from ASTM A6-86.



AMERICAN STANDARD 'S' SHAPE I-BEAMS

Designation Nominal Depth & Weight		Flange Width b_f		Flange Thickness t_f	
in. X $^{lbs}/_{ft}$	mm X $^{kg}/_{m}$				
S3 X 5.7	(S75 X 8.5)	$2^{3}/_{8}$	(59)	.260	(6.6)
S3 X 7.5	(S75 X 11.2)	$2^{1}/_{2}$	(63)	.260	(6.6)
S4 X 7.7	(S100 X 11.5)	$2^{5}/_{8}$	(68)	.293	(7.4)
S4 X 9.5	(S100 X 14.1)	$2^{3}/_{4}$	(71)	.293	(7.4)
S5 X 10	(S130 X 15)	3	(76)	.326	(8.3)
S5 X 14.75	(S130 X 22)	$3^{1}/_{4}$	(83)	.326	(8.3)
S6 X 12.5	(S150 X 18.6)	$3^{3}/_{8}$	(85)	.359	(9.1)
S6 X 17.25	(S150 X 25.7)	$3^{11}/_{16}$	(91)	.359	(9.1)
S7 X 15.3	(S180 X 22.8)	$3^{5}/_{8}$	(93)	.392	(10.0)
S7 X 20	(S180 X 29.8)	$3^{7}/_{8}$	(98)	.392	(10.0)
S8 X 18.4	(S200 X 27.4)	4	(102)	.425	(10.8)
S8 X 23	(S200 X 34)	$4^{1}/_{8}$	(106)	.425	(10.8)
S10 X 25.4	(S250 X 37.8)	$4^{5}/_{8}$	(118)	.491	(12.5)
S10 X 35	(S250 X 52)	$4^{15}/_{16}$	(126)	.491	(12.5)
S12 X 31.8	(S310 X 47.3)	5	(127)	.544	(13.8)
S12 X 35	(S310 X 52)	$5^{1}/_{16}$	(129)	.544	(13.8)
S12 X 40.8	(S310 X 60.7)	$5^{1}/_{4}$	(133)	.659	(16.7)
S12 X 50	(S310 X 74)	$5^{1}/_{2}$	(139)	.659	(16.7)
S15 X 42.9	(S380 X 64)	$5^{1}/_{2}$	(140)	.622	(15.8)
S15 X 50	(S380 X 74)	$5^{5}/_{8}$	(143)	.622	(15.8)
S18 X 54.7	(S460 X 81.4)	6	(152)	.691	(17.6)
S18 X 70	(S460 X 104)	$6^{1}/_{4}$	(159)	.691	(17.6)
S20 X 66	(S510 X 98.2)	$6^{1}/_{4}$	(159)	.795	(20.2)
S20 X 75	(S510 X 112)	$6^{3}/_{8}$	(162)	.795	(20.2)
S20 X 86	(S510 X 128)	$7^{1}/_{16}$	(179)	.920	(23.4)
S20 X 96	(S510 X 143)	$7^{3}/_{16}$	(183)	.920	(23.4)
S24 X 80	(S610 X 119)	7	(178)	.870	(22.1)
S24 X 90	(S610 X 134)	$7^{1}/_{8}$	(181)	.870	(22.1)
S24 X 100	(S610 X 149)	$7^{1}/_{4}$	(184)	.870	(22.1)
S24 X 106	(S610 X 158)	$7^{7}/_{8}$	(200)	1.090	(27.7)
S24 X 121	(S610 X 180)	$8^{1}/_{16}$	(204)	1.090	(27.7)

Unless otherwise specified, all dimensions on drawings and in charts are in inches and dimensions shown in parentheses are in millimeters.