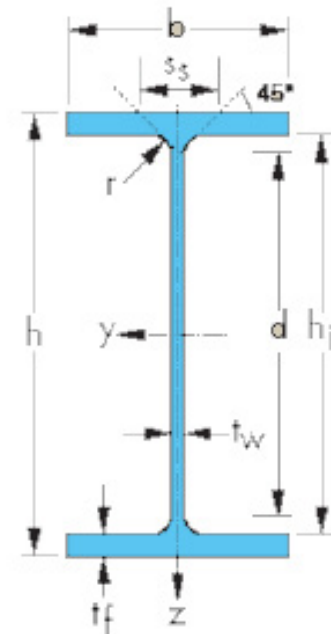


American Wide Flange Beams (W)

Available in spec and grades:
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
ASTM A6/A6M

Designation	Dimensions					
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 4 x 4 x 13	19.3	106	103	7.1	8.8	6
W 5 x 5 x 16	23.8	127	127	6.1	9.1	8
W 5 x 5 x 19	28.1	131	128	6.9	10.9	8
W 6 x 4 x 9	13.5	150	100	4.3	5.5	6
W 6 x 4 x 12	18.0	153	102	5.8	7.1	6
W 6 x 4 x 16	24.0	160	102	6.6	10.3	6
W 6 x 6 x 15	22.5	152	152	5.8	6.6	6
W 6 x 6 x 20	29.8	157	153	6.6	9.3	6
W 6 x 6 x 25	37.1	162	154	8.1	11.6	6
W 8 x 4 x 10	15.0	200	100	4.3	5.2	8
W 8 x 4 x 13	19.3	203	102	5.8	6.5	8
W 8 x 4 x 15	22.5	206	102	6.2	8.0	8
W 8 x 5.25 x 14	21.4	203	134	5.0	6.4	8
W 8 x 5.25 x 18	26.6	207	133	5.8	8.4	8
W 8 x 5.25 x 21	31.3	210	134	6.4	10.2	8
W 8 x 6.5 x 24	35.9	201	165	6.2	10.2	10
W 8 x 6.5 x 28	41.7	205	166	7.2	11.8	10
W 8 x 8 x 31	46.1	203	203	7.2	11.0	10
W 8 x 8 x 35	52.0	206	204	7.9	12.6	10
W 8 x 8 x 40	59.0	210	205	9.1	14.2	10
W 8 x 8 x 48	71.0	216	206	10.2	17.4	10
W 8 x 8 x 58	86.0	222	209	13.0	20.6	10
W 8 x 8 x 67	100	229	210	14.5	23.7	10
W 10 x 4 x 12	17.9	251	101	4.8	5.3	8
W 10 x 4 x 15	22.3	254	102	5.8	6.9	8
W 10 x 4 x 17	25.3	257	102	6.1	8.4	8
W 10 x 4 x 19	28.4	260	102	6.4	10.0	8
W 10 x 5.75 x 22	32.7	258	146	6.1	9.1	8
W 10 x 5.75 x 26	38.5	262	147	6.6	11.2	8
W 10 x 5.75 x 30	44.8	266	148	7.6	13.0	8
W 10 x 8 x 33	49.1	247	202	7.4	11.0	13
W 10 x 8 x 39	58.0	252	203	8.0	13.5	13
W 10 x 8 x 45	67.0	257	204	8.9	15.7	13
W 10 x 10 x 49	73.0	253	254	8.6	14.2	13
W 10 x 10 x 54	80.0	256	255	9.4	15.6	13
W 10 x 10 x 60	89.0	260	256	10.7	17.3	13
W 10 x 10 x 68	101	264	257	11.9	19.6	13

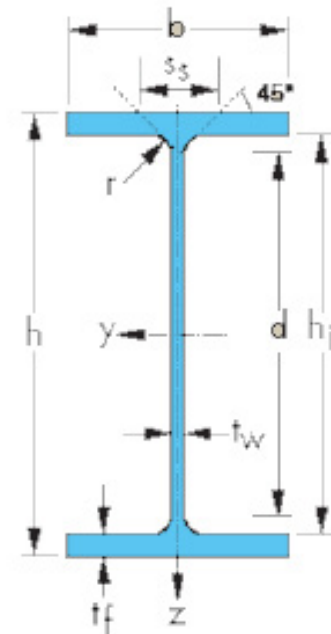


American Wide Flange Beams (W)

Available in spec and grades:
 ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
 ASTM A6/A6M

Designation	Dimensions					
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 10 x 10 x 77	115	269	259	13.5	22.1	13
W 10 x 10 x 88	131	275	261	15.4	25.1	13
W 10 x 10 x 100	149	282	263	17.3	28.4	13
W 10 x 10 x 112	167	289	265	19.2	31.8	13
W 12 x 4 x 14	21.0	303	101	5.1	5.7	8
W 12 x 4 x 16	23.8	305	101	5.6	6.7	8
W 12 x 4 x 19	28.3	309	102	6.0	8.9	8
W 12 x 4 x 22	32.7	313	102	6.6	10.8	8
W 12 x 6.5 x 26	38.7	310	165	5.8	9.7	8
W 12 x 6.5 x 30	44.5	313	166	6.6	11.2	8
W 12 x 6.5 x 35	52.0	317	167	7.6	13.2	8
W 12 x 8 x 40	60.0	303	203	7.5	13.1	15
W 12 x 8 x 45	67.0	306	204	8.5	14.9	15
W 12 x 8 x 50	74.0	310	205	9.4	16.3	15
W 12 x 10 x 53	79.0	306	254	8.8	14.6	15
W 12 x 10 x 58	86.0	310	254	9.1	16.3	15
W 12 x 12 x 65	97.0	308	305	9.9	15.4	15
W 12 x 12 x 72	107	311	306	10.9	17.0	15
W 12 x 12 x 79	117	314	307	11.9	18.7	15
W 12 x 12 x 87	129	318	308	13.1	20.6	15
W 12 x 12 x 96	143	323	309	14.0	22.9	15
W 12 x 12 x 106	158	327	310	15.5	25.1	15
W 12 x 12 x 120	179	333	313	18.0	28.1	15
W 12 x 12 x 136	202	341	315	20.1	31.8	15
W 12 x 12 x 152	226	348	317	22.1	35.6	15
W 12 x 12 x 170	253	356	319	24.4	39.6	15
W 12 x 12 x 190	283	365	322	26.9	44.1	15
W 12 x 12 x 210	313	374	325	30.0	48.3	15
W 12 x 12 x 230	342	382	328	32.6	52.6	15
W 14 x 5 x 22	32.9	349	127	5.8	8.5	10
W 14 x 5 x 26	39.0	353	128	6.5	10.7	10
W 14 x 6.75 x 30	44.6	352	171	6.9	9.8	10
W 14 x 6.75 x 34	51.0	355	171	7.2	11.6	10
W 14 x 6.75 x 38	58.0	358	172	7.9	13.1	10
W 14 x 8 x 43	64.0	347	203	7.7	13.5	15
W 14 x 8 x 48	72.0	350	204	8.6	15.1	15
W 14 x 8 x 53	79.0	354	205	9.4	16.8	15

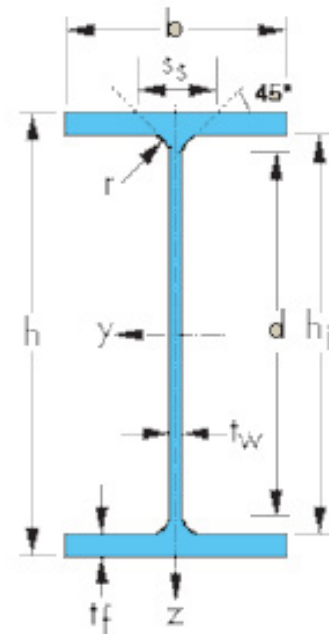


American Wide Flange Beams (W)

Available in spec and grades:
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
ASTM A6/A6M

Designation	Dimensions					
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 14 x 10 x 61	91.0	353	254	9.5	16.4	15
W 14 x 10 x 68	10	357	255	10.5	18.3	15
W 14 x 10 x 74	110	360	256	11.4	19.9	15
W 14 x 10 x 82	122	363	257	13.0	21.7	15
W 14 x 14.5 x 90	134	356	369	11.2	18.0	15
W 14 x 14.5 x 99	147	360	370	12.3	19.8	15
W 14 x 14.5 x 109	162	364	371	13.3	21.8	15
W 14 x 14.5 x 120	179	368	373	15.0	23.9	15
W 14 x 14.5 x 132	196	372	374	16.4	26.2	15
W 14 x 16 x 145	216	375	394	17.3	27.7	15
W 14 x 16 x 159	237	380	395	18.9	30.2	15
W 14 x 16 x 176	262	387	398	21.1	33.3	15
W 14 x 16 x 193	287	393	399	22.6	36.6	15
W 14 x 16 x 211	314	399	401	24.9	39.6	15
W 14 x 16 x 233	347	407	404	27.2	43.7	15
W 14 x 16 x 257	382	416	406	29.8	48.0	15
W 14 x 16 x 283	421	425	409	32.8	52.6	15
W 14 x 16 x 311	463	435	412	35.8	57.4	15
W 14 x 16 x 342	509	446	416	39.1	62.7	15
W 14 x 16 x 370	551	455	418	42.0	67.6	15
W 14 x 16 x 398	592	465	421	45.0	72.3	15
W 14 x 16 x 426	634	474	424	47.6	77.1	15
W 14 x 16 x 455	677	483	428	51.2	81.5	15
W 14 x 16 x 500	744	498	432	55.6	88.9	15
W 14 x 16 x 550	818	514	437	60.5	97.0	15
W 14 x 16 x 605	900	531	442	65.9	106	15
W 14 x 16 x 665	990	550	448	71.9	115	15
W 14 x 16 x 730	1086	569	454	78.0	125	15
W 14 x 16 x 808	1202	580	471	95.0	130	15
W 14 x 16 x 873	1299	600	476	100.0	140	15
W 16 5.5 x 26	38.8	399	140	6.4	8.8	10
W 16 5.5 x 31	46.1	403	140	7.0	11.2	10
W 16 5.5 x 36	53.3	406.6	143.3	7.9	12.9	10
W 16 x 7 x 36	53.0	403	177	7.5	10.9	10
W 16 x 7 x 40	60.0	407	178	7.7	12.8	10
W 16 x 7 x 45	67.0	410	179	8.8	14.4	10
W 16 x 7 x 50	75.0	413	180	9.7	16.0	10

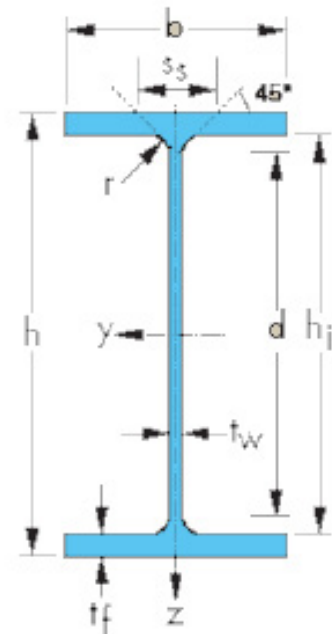


American Wide Flange Beams (W)

Available in spec and grades:
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
ASTM A6/A6M

Designation	Dimensions					
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 16 x 7 x 57	85.0	417	181	10.9	18.2	10
W 16 x 10.25 x 67	100	415	260	10.0	16.9	10
W 16 x 10.25 x 77	114	420	261	11.6	19.3	10
W 16 x 10.25 x 89	132	425	263	13.3	22.2	10
W 16 x 10.25 x 100	149	431	265	14.9	25.0	10
W 18 x 6 x 35	52.0	450	152	7.6	10.8	10
W 18 x 6 x 40	60.0	455	153	8.0	13.3	10
W 18 x 6 x 46	68.0	459	154	9.1	15.4	10
W 18 x 7.5 x 50	74.0	457	190	9.0	14.5	10
W 18 x 7.5 x 55	82.0	460	191	9.9	16.0	10
W 18 x 7.5 x 60	89.0	463	192	10.5	17.7	10
W 18 x 7.5 x 65	97.0	466	193	11.4	19.0	10
W 18 x 7.5 x 71	106	469	194	12.6	20.6	10
W 18 x 11 x 76	113	463	280	10.8	17.3	10
W 18 x 11 x 86	128	467	282	12.2	19.6	10
W 18 x 11 x 97	144	472	283	13.6	22.1	10
W 18 x 11 x 106	158	476	284	15.0	23.9	10
W 18 x 11 x 119	177	482	286	16.6	26.9	10
W 18 x 11 x 130	193	489	283	17.0	30.5	10
W 18 x 11 x 143	213	495	285	18.5	33.5	10
W 18 x 11 x 158	235	501	287	20.6	36.6	10
W 18 x 11 x 175	260	509	289	22.6	40.4	10
W 21 x 6.5 x 44	66.0	525	165	8.9	11.4	13
W 21 x 6.5 x 50	74.0	529	166	9.7	13.6	13
W 21 x 6.5 x 57	85.0	535	166	10.3	16.5	13
W 21 x 8.25 x 48	72.0	524	207	9.0	10.9	13
W 21 x 8.25 x 55	82.0	528	209	9.5	13.3	13
W 21 x 8.25 x 62	92.0	533	209	10.2	15.6	13
W 21 x 8.25 x 68	10	537	210	10.9	17.4	13
W 21 x 8.25 x 73	109	539	211	11.6	18.8	13
W 21 x 8.25 x 83	123	544	212	13.1	21.2	13
W 21 x 8.25 x 93	138	549	214	14.7	23.6	13
W 24 x 7 x 55	82.0	599	178	10.0	12.8	13
W 24 x 7 x 62	92.0	603	179	10.9	15.0	13
W 24 x 9 x 68	101	603	228	10.5	14.9	13
W 24 x 9 x 76	113	608	228	11.2	17.3	13
W 24 x 9 x 84	125	612	229	11.9	19.6	13

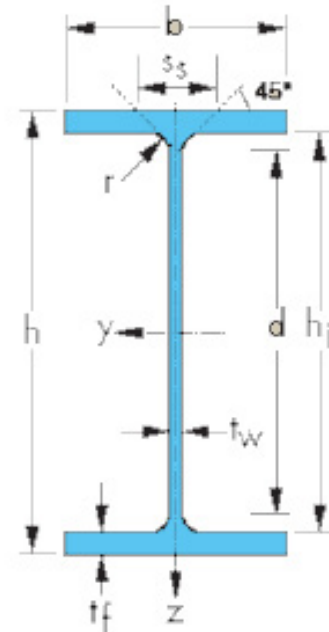


American Wide Flange Beams (W)

Available in spec and grades:
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
ASTM A6/A6M

Designation	G (kg/m)	Dimensions				
		h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 24 x 9 x 94	140	617	230	13.1	22.2	13
W 24 x 9 x 103	153	623	229	14.0	24.9	13
W 24 x 12.75 x 104	155	611	324	12.7	19.0	13
W 24 x 12.75 x 117	174	616	325	14.0	21.6	13
W 24 x 12.75 x 131	195	622	327	15.4	24.4	13
W 24 x 12.75 x 146	217	628	328	16.5	27.7	13
W 24 x 12.75 x 162	241	635	329	17.9	31.0	13
W 24 x 12.75 x 176	262	641	327	19.0	34.0	13
W 24 x 12.75 x 192	285	647	329	20.6	37.1	13
W 24 x 12.75 x 207	307	653	330	22.1	39.9	13
W 24 x 12.75 x 229	341	661	333	24.4	43.9	13
W 24 x 12.75 x 250	372	669	335	26.4	48.0	13
W 24 x 12.75 x 279	415	679	338	29.5	53.1	13
W 24 x 12.75 x 306	455	689	340	32.0	57.9	13
W 24 x 12.75 x 335	498	699	343	35.1	63.0	13
W 24 x 12.75 x 370	551	711	347	38.6	69.1	13
W 27 x 10 x 84	125	678	253	11.7	16.3	15
W 27 x 10 x 94	140	684	254	12.4	18.9	15
W 27 x 10 x 102	152	688	254	13.4	21.1	15
W 27 x 10 x 114	170	693	256	14.5	23.6	15
W 27 x 10 x 129	192	702	254	15.5	27.9	15
W 27 x 14 x 146	217	695	355	15.4	24.8	15
W 27 x 14 x 161	240	701	356	16.8	27.4	15
W 27 x 14 x 178	265	706	358	18.4	30.2	15
W 27 x 14 x 194	289	714	356	19.0	34.0	15
W 27 x 14 x 217	323	722	359	21.1	38.1	15
W 27 x 14 x 235	350	728	360	23.1	40.9	15
W 27 x 14 x 258	384	736	362	24.9	45.0	15
W 27 x 14 x 281	419	744	364	26.9	49.0	15
W 27 x 14 x 307	457	752	367	29.5	53.1	15
W 27 x 14 x 336	500	762	369	32.0	57.9	15
W 27 x 14 x 368	548	772	372	35.1	63.0	15
W 27 x 14 x 539	802	826	387	50.0	89.9	15
W 30 x 10.5 x 90	134	750	264	11.9	15.5	17
W 30 x 10.5 x 99	147	753	265	13.2	17.0	17
W 30 x 10.5 x 108	161	758	266	13.8	19.3	17
W 30 x 10.5 x 116	173	765	267	14.4	21.6	17

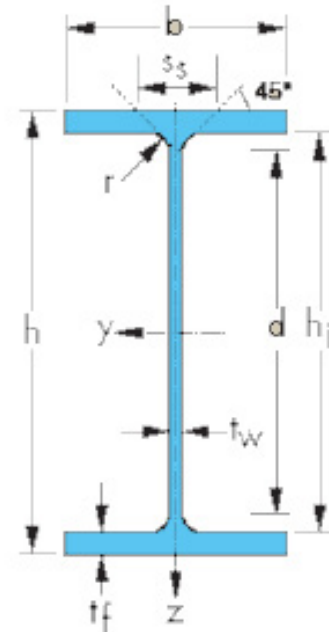


American Wide Flange Beams (W)

Available in spec and grades:
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
ASTM A6/A6M

Designation	G (kg/m)	Dimensions				
		h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 30 x 10.5 x 124	185	766	267	14.9	23.6	17
W 30 x 10.5 x 132	196	770	268	15.6	25.4	17
W 30 x 10.5 x 148	220	779	266	16.5	30.0	17
W 33 x 11.5 x 118	176	835	292	14.0	18.8	18
W 33 x 11.5 x 130	193	840	292	14.7	21.7	18
W 33 x 11.5 x 141	210	846	293	15.4	24.4	18
W 33 x 11.5 x 152	226	851	294	16.1	26.8	18
W 33 x 11.5 x 169	251	859	292	17.0	31.0	18
W 36 x 12 x 135	201	903	304	15.2	20.1	19
W 36 x 12 x 150	223	911	304	15.9	23.9	19
W 36 x 12 x 160	238	915	305	16.5	25.9	19
W 36 x 12 x 170	253	919	306	17.3	27.9	19
W 36 x 12 x 182	271	923	307	18.4	30.0	19
W 36 x 12 x 194	289	927	308	19.4	32.0	19
W 36 x 12 x 210	313	932	309	21.1	34.5	19
W 36 x 12 x 232	345	943	308	22.1	39.9	19
W 36 x 12 x 256	381	951	310	24.4	43.9	19
W 36 x 12 x 286	425	961	313	26.9	49.0	19
W 36 x 12 x 318	474	971	316	30.0	54.1	19
W 36 x 12 x 350	521	981	319	33.0	58.9	19
W 36 x 12 x 387	576	993	322	36.1	65.0	19
W 36 x 16.5 x 231	344	927	418	19.3	32.0	19
W 36 x 16.5 x 247	368	931	419	20.3	34.3	19
W 36 x 16.5 x 262	390	936	420	21.3	36.6	19
W 36 x 16.5 x 282	420	943	422	22.5	39.9	19
W 36 x 16.5 x 302	449	948	423	24.0	42.7	19
W 36 x 16.5 x 330	491	957	422	25.9	47.0	19
W 36 x 16.5 x 361	537	965	425	28.4	51.1	19
W 36 x 16.5 x 395	588	975	427	31.0	55.9	19
W 36 x 16.5 x 441	656	984	431	34.5	62.0	19
W 36 x 16.5 x 487	725	999	434	38.1	68.1	19
W 36 x 16.5 x 529	787	1011	437	40.9	73.9	19
W 36 x 16.5 x 652	970	1049	446	50.0	89.9	19
W 36 x 16.5 x 723	1077	1061	451	55.0	99.1	19
W 36 x 16.5 x 802	1194	1081	457	60.5	109.0	19
W 36 x 16.5 x 853	1269	1093	461	64.0	115.1	19
W 36 x 16.5 x 925	1377	1093	473	76.7	115.1	19



American Wide Flange Beams (W)

Available in spec and grades:
ASTM A36, A572 Gr 50, A992 Gr 50

Dimensions and tolerances as per
ASTM A6/A6M

Designation	Dimensions					
	G (kg/m)	h (mm)	b (mm)	tw (mm)	tf (mm)	r (mm)
W 40 x 12 x 149	222	970	300	16.0	21.1	30
W 40 x 12 x 167	249	980	300	16.5	26.0	30
W 40 x 12 x 183	272	990	300	16.5	31.0	30
W 40 x 12 x 211	314	1000	300	19.1	35.9	30
W 40 x 12 x 235	350	1008	302	21.1	40.0	30
W 40 x 12 x 264	393	1016	303	24.4	43.9	30
W 40 x 12 x 278	415	1020	304	26.0	46.0	30
W 40 x 12 x 294	438	1026	305	26.9	49.0	30
W 40 x 12 x 327	486	1036	308	30.0	54.1	30
W 40 x 12 x 331	494	1036	309	31.0	54.0	30
W 40 x 12 x 392	584	1056	314	36.0	64.0	30
W 40 x 16 x 199	296	982	400	16.5	27.1	30
W 40 x 16 x 215	321	990	400	16.5	31.0	30
W 40 x 16 x 249	371	1000	400	19.0	36.1	30
W 40 x 16 x 277	412	1008	402	21.1	40.0	30
W 40 x 16 x 297	443	1012	402	23.6	41.9	30
W 40 x 16 x 324	483	1020	404	25.4	46.0	30
W 40 x 16 x 362	539	1030	407	28.4	51.1	30
W 40 x 16 x 372	554	1032	408	29.5	52.0	30
W 40 x 16 x 397	591	1040	409	31.0	55.9	30
W 40 x 16 x 431	642	1048	412	34.0	60.0	30
W 40 x 16 x 503	748	1068	417	39.0	70.0	30
W 40 x 16 x 593	883	1092	424	45.5	82.0	30
W 40 x 16 x 655	976	1108	428	50.0	89.9	30
W 44 x 16 x 230	343	1090	400	18.0	31.0	30
W 44 x 16 x 262	390	1100	400	20.0	36.0	30
W 44 x 16 x 290	433	1108	402	22.0	40.0	30
W 44 x 16 x 335	499	1118	405	26.0	45.0	30
W 44 x 16 x 368	548	1128	407	28.0	50.0	30
W 44 x 16 x 408	607	1138	410	31.0	55.0	30

