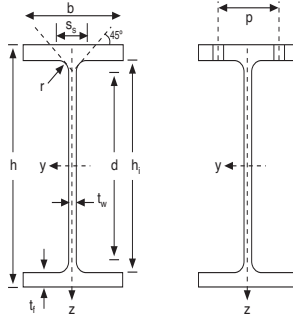
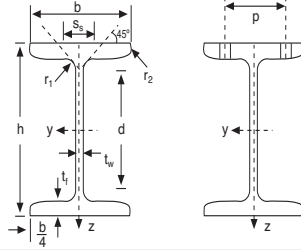


HD



Kesit	Boyutlar						Alan	Boyutlar		Kesit Bilgileri					
	G	h	b	tw	tf	r		A	d	Ø	y-y aksı		z-z aksı		
	kg/m	mm	mm	mm	mm	mm	cm ²	mm		cm ⁴	cm ³	cm	cm ⁴	cm ³	cm
HD 260x54.1	54.1	244	260	6.5	9.5	24	68.97	177	M27	7981	654.1	10.76	2788	214.5	6.36
HD 260x68.2	68.2	250	260	7.5	12.5	24	86.82	177	M27	10450	836.4	10.97	3668	282.1	6.50
HD 260x93.0	93.0	260	260	10.0	17.5	24	118.4	177	M27	14920	1148	11.22	5135	395.0	6.58
HD 260x114	114	268	262	12.5	21.5	24	145.7	177	M27	18910	1411	11.39	6456	492.8	6.66
HD 260x142	142	278	265	15.5	26.5	24	180.3	177	M27	243330	1750	11.62	8236	621.6	6.76
HD 260x172	172	290	268	18.0	32.5	24	219.6	177	M27	31310	2159	11.94	10450	779.7	6.90
HD 320x74.2	74.2	301	300	8.0	11.0	27	94.58	225	M27	16450	1093	13.19	4959	330.6	7.24
HD 320x97.6	97.6	310	300	9.0	15.5	27	124.4	225	M27	22930	1479	13.58	6985	465.7	7.49
HD 320x127	127	320	300	11.5	20.5	27	161.3	225	M27	30820	1926	13.82	9239	615.9	7.57
HD 320x158	158	330	303	14.5	25.5	27	201.2	225	M27	39640	2403	14.04	11840	781.7	7.67
HD 320x198	198	343	306	18.0	32.0	27	252.3	225	M27	51900	3026	14.34	15310	1001	7.79
HD 320x245	245	359	309	21.0	40.0	27	312.0	225	M27	68130	3796	14.78	19710	1276	7.95
HD 320x300	300	375	313	27.0	48.0	27	382.1	225	M27	86900	4635	15.08	24600	1572	8.02
HD 360x134	134	356	369	11.2	18.0	15	170.6	290	M27	41510	2332	15.60	15080	817.3	9.40
HD 360x147	147	360	370	12.3	19.8	15	187.9	290.4	M27	46290	2572	15.70	16720	903.9	9.43
HD 360x162	162	364	371	13.3	21.8	15	206.3	290.4	M27	51540	2832	15.81	18560	1001	9.49
HD 360x179	179	368	373	15.0	23.9	15	228.3	290.2	M27	57440	3122	15.86	20680	1109	9.52
HD 360x196	196	372	374	16.4	26.2	15	250.3	289.6	M27	63630	3421	15.94	22860	1222	9.56
HD 400x187	187	368	391	15.0	24.0	15	237.6	290	M27	60180	3271	15.91	23920	1224	10.03
HD 400x216	216	375	394	17.3	27.7	15	275.5	289.6	M27	71140	3794	16.07	28250	1434	10.13
HD 400x237	237	380	395	18.9	30.2	15	300.9	289.6	M27	78780	4146	16.18	31040	1572	10.16
HD 400x262	262	387	398	21.1	33.3	15	334.6	290.4	M27	89410	4620	16.35	35020	1760	10.23
HD 400x287	287	393	399	22.6	36.6	15	366.3	289.8	M27	99710	5074	16.50	38780	1944	10.29
HD 400x314	314	399	401	24.9	39.6	15	399.2	289.8	M27	110200	5525	16.62	42800	2125	10.33
HD 400x347	347	407	404	27.2	43.7	15	442.0	289.6	M27	124900	6140	16.81	48090	2380	10.43
HD 400x382	382	416	406	29.8	48.0	15	487.1	290	M27	141300	6794	17.03	53620	2641	10.49
HD 400x421	421	425	409	32.8	52.6	15	537.1	289.8	M27	159600	7510	17.24	60080	2938	10.58
HD 400x463	463	435	412	35.8	57.4	15	589.5	290.2	M27	180200	8283	17.48	67040	3254	10.66
HD 400x509	509	446	416	39.1	62.7	15	649.0	290.6	M27	204500	9172	17.75	75400	3625	10.78
HD 400x551	551	455	418	42.0	67.6	15	701.4	289.8	M27	226100	9939	17.95	82490	3947	10.85
HD 400x592	592	465	421	45.0	72.3	15	754.9	290.4	M27	250200	10760	18.20	90170	4284	10.93

Kesit	Boyutlar						Alan A	Boyutlar		Kesit Bilgileri					
								y-y aksı			z-z aksı				
	G	h	b	tw	tf	r		d	Ø	ly	Wy	ly	lz	Wz	iz
kg/m	mm	mm	mm	mm	mm	mm	mm	mm	cm ⁴	cm ³	cm	cm ⁴	cm ³	cm	
HD 400x634	634	474	424	47.6	77.1	15	808.0	289.8	M27	274200	11570	18.42	98250	4634	11.03
HD 400x677	677	483	428	51.2	81.5	15	863.4	290	M27	299500	12400	18.62	106900	4994	11.13
HD 400x744	744	498	432	55.6	88.9	15	948.1	290.2	M27	342100	13740	19.00	119900	5552	11.25
HD 400x818	818	514	437	60.5	97.0	15	1043	290	M27	392200	15260	19.39	135500	6203	11.40
HD 400x900	900	531	442	65.9	106	15	1149	289	M27	450200	16960	19.79	153300	6938	11.55
HD 400x990	990	550	448	71.9	115	15	1262	290	M27	518900	18870	20.27	173400	7739	11.72
HD 400x1086	1086	569	454	78.0	125	15	1386	289	M27	595700	20940	20.73	196200	8645	11.90



IPN

Kesit	Boyutlar						Alan A	Boyutlar		Kesit Bilgileri									
								y-y aksı			z-z aksı								
	G	h	b	tw	tf	r1		r2	d	Ø	ly	Wy	Wpl,y	ly	Avz	lz	Wz	Wpl,z	iz
kg/m	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ⁴	cm ³	cm ³	cm	cm ²	cm ⁴	cm ³	cm ³	cm	
IPN 80*	5.95	80	42	3.9	5.9	3.9	2.3	7.58	59	-	77.8	19.5	22.8	3.2	3.41	6.29	3.5	5	0.91
IPN 100*	8.32	100	50	4.5	6.8	4.5	2.7	10.6	75.7	-	171	34.2	39.8	4.01	4.85	12.2	4.88	8.1	1.07
IPN 120	11.2	120	58	5.1	7.7	5.1	3.1	14.2	92.4	-	328	54.7	63.6	4.81	6.63	21.5	7.41	12.4	1.23
IPN 140	14.4	140	66	5.7	8.6	5.7	3.4	18.3	109.1	-	573	81.9	95.4	5.61	8.65	35.2	10.7	17.9	1.4
IPN 160	17.9	160	74	6.3	9.5	6.3	3.8	22.8	125.8	-	935	117	136	6.4	10.83	54.7	14.8	24.9	1.55
IPN 180	21.9	180	82	6.9	10.4	6.9	4.1	27.9	142.4	-	1450	161	187	7.2	13.35	81.3	19.8	33.2	1.71
IPN 200	26.2	200	90	7.5	11.3	7.5	4.5	33.4	159.1	-	2140	214	250	8	16.03	117	26	43.5	1.87
IPN 220	31.1	220	98	8.1	12.2	8.1	4.9	39.5	175.8	M10	3060	278	324	8.8	19.06	162	33.1	55.7	2.02
IPN 240	36.2	240	106	8.7	13.1	8.7	5.2	46.1	192.5	M10	4250	354	412	9.59	22.33	221	41.7	70	2.2
IPN 260	41.9	260	113	9.4	14.1	9.4	5.6	53.3	208.9	M12	5740	442	514	10.4	26.08	288	51	85.9	2.32
IPN 280	47.9	280	119	10.1	15.2	10.1	6.1	61	225.1	M12	7590	542	632	11.1	30.18	364	61.2	103	2.45
IPN 300	54.2	300	125	10.8	16.2	10.8	6.5	69	241.6	M16	9800	653	762	11.9	34.58	451	72.2	121	2.56
IPN 320	61	320	131	11.5	17.3	11.5	6.9	77.7	257.9	M16	12510	782	914	12.7	39.26	555	84.7	143	2.67
IPN 340	68	340	137	12.2	18.3	12.2	7.3	86.7	274.3	M16	15700	923	1080	13.5	44.27	674	98.4	166	2.8
IPN 360	76.1	360	143	13	19.5	13	7.8	97	290.2	M16	19610	1090	1276	14.2	49.95	818	114	194	2.9
IPN 380	84	380	149	13.7	20.5	13.7	8.2	107	306.7	M16	24010	1260	1482	15	55.55	975	131	221	3.02
IPN 400	92.4	400	155	14.4	21.6	14.4	8.6	118	322.9	M20	29210	1460	1714	15.7	61.69	1160	149	253	3.13
IPN 450	115	450	170	16.2	24.3	16.2	9.7	147	363.6	M22	45850	2040	2400	17.7	77.79	1730	203	345	3.43
IPN 500	141	500	185	18	27	18	10.8	179	404.3	M24	58740	2750	3240	19.6	95.6	2480	268	456	3.72
IPN 550	166	550	200	19	30	19	11.9	212	445.6	M27	99180	3610	4240	21.6	111.3	3490	349	592	4.02