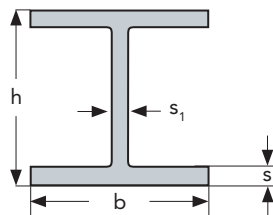
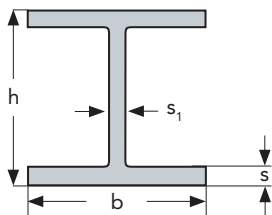


TRAVI



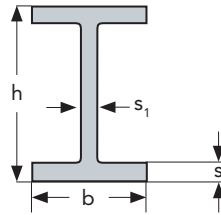
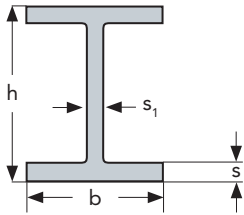
HEA					
Tipo	Dimensioni in mm				Peso
	Base	Altezza	Spessore Ala (s ₁)	Spessore Base (s)	
100	100	96	5,0	8,0	16,7
120	120	114	5,0	8,0	19,9
140	140	133	5,5	8,8	24,7
160	160	152	6,0	9,0	30,4
180	180	171	6,0	9,5	35,5
200	200	190	6,5	10,0	42,3
220	220	210	7,0	11,0	50,5
240	240	230	7,5	12,0	60,3
260	260	250	7,5	12,5	68,2
280	280	270	8,0	13,0	76,4
300	300	290	8,5	14,0	88,3
320	300	310	9,0	15,5	97,6
340	300	330	9,5	16,5	105,0
360	300	350	10,0	17,5	112,0
400	300	390	11,0	19,0	125,0
450	300	440	11,5	21,0	140,0
500	300	490	12,0	23,0	155,0
600	300	590	13,0	25,0	178,0

HEB					
Tipo	Dimensioni in mm				Peso
	Base	Altezza	Spessore Ala (s ₁)	Spessore Base (s)	
100	100	100	6,0	10,0	20,4
120	120	120	6,5	11,0	26,7
140	140	140	7,0	12,0	33,7
160	160	160	8,0	13,0	42,6
180	180	180	8,5	14,0	51,2
200	200	200	9,0	15,0	61,3
220	220	220	9,5	16,0	71,5
240	240	240	10,0	17,0	83,2
260	260	260	10,0	18,0	93,0
280	280	280	10,5	18,0	103,0
300	300	300	11,0	19,0	117,0
320	300	320	11,5	20,5	127,0
340	300	340	12,0	22,0	134,0
360	300	360	12,5	22,5	142,0
400	300	400	13,5	24,0	155,0
450	300	450	14,0	26,0	171,0
500	300	500	14,5	28,0	187,0
600	300	600	15,5	30,0	212,0

PORTATE TRAVI

TRAVI HEA												
Distanza tra gli appoggi - Misure in m												
Tipo	3	4	5	6	7	8	9	10	11	12	13	14
100	3064	2269	1785	1457								
120	4463	3312	2614	2142	1800							
140	6539	4861	3844	3158	2661	2282						
160	9295	6918	5480	4511	3810	3276	2855	2512				
180	12437	9265	7348	6059	5127	4419	3861	3408	3030			
200	16470	12278	9746	8044	6816	5885	5151	4556	4061	3641		
220	21821	16277	12931	10683	9063	7835	6869	6087	5437	4887	4414	
240	28618	21358	16978	14037	11920	10317	9057	8036	7191	6476	5862	5327
260	35464	26478	21060	17425	14809	12830	11275	10018	8977	8098	7344	6688
280	42863	32013	25473	21087	17933	15548	13676	12163	10912	9856	8951	8164
300	53493	39965	31813	26349	22421	19453	17125	15244	13690	12380	11258	10283
320	62852	46368	37400	30987	26379	22898	20170	17967	16147	14615	13306	12164
340	71363	53338	42481	35209	29984	26039	22947	20453	18393	16659	15176	13889
360	80301	60034	47822	39646	33775	29343	25871	23071	20760	18815	17152	15711
400	98182	73418	58509	48528	41364	35959	31790	28317	25567	23139	21119	19369
450	123310	92237	73538	61025	41364	45278	39983	35719	32204	29252	26733	24553
500	150997	112977	90102	74801	63827	55558	49092	43888	39603	36005	32937	30286
550	176564	132132	105407	87535	74721	65070	57526	51458	46463	42273	38702	35618
600	203834	152564	121731	101116	86340	75214	66520	59530	53778	48956	45026	41301
650	232816	174280	139082	115553	98692	86000	76085	68116	61560	56066	51388	47351
700	265628	198864	158724	131896	112674	98200	86910	77832	70366	64112	58788	54195
800	327008	244864	195488	162496	138866	121088	107210	96064	86903	79232	72706	67081
900	403724	302352	241428	200728	171584	149664	132558	118824	107540	98096	90065	83146
1000	476624	356992	284104	237088	20713	176864	156698	140512	127218	116096	106642	98500

TRAVI HEB												
Distanza tra gli appoggi - Misure in m												
Tipo	3	4	5	6	7	8	9	10	11	12	13	14
100	3778	2798	2202	1797	1507							
120	6063	4501	3553	2911	2446	2090						
140	9114	6777	5361	4405	3713	3186	2768					
160	13141	9781	7748	6379	5388	4635	4039	3554				
180	18022	13427	10649	8780	7431	6406	5597	4940	4393			
200	24135	17994	14285	11792	9993	8629	7554	6683	5958	5344		
220	31187	23265	18483	15272	12957	11203	9823	8705	7777	6992	6317	
240	39770	29682	23596	19511	16569	14342	12591	11174	10000	9006	8153	7411
260	48786	36427	28974	23974	20377	17655	15518	13789	12358	11150	10113	9212
280	58569	43747	34812	28821	24512	21255	18700	16633	14924	13483	12248	11174
300	71327	53290	42422	35137	29900	25943	22839	20333	18261	16515	15020	13721
320	81963	61250	48771	40410	34401	29863	26305	23433	21060	19062	17351	15867
340	91755	68582	54624	45274	38558	33487	29513	26307	23659	21431	19525	17872
360	101971	76130	60728	50346	42890	37263	32854	29300	26364	23895	21784	19954
400	122412	91568	72951	60508	51576	44838	39641	35313	31962	28859	26341	24160
450	150949	112913	90022	74705	63715	55430	49948	43728	39427	35813	32729	30062
500	182474	136528	108886	90395	77134	67142	59328	53040	47861	43514	42238	38149
550	211451	158240	126234	104830	89484	77926	68891	61624	55642	50624	46347	42653
600	242558	181547	144856	120325	102743	89501	79262	70838	63993	58254	53365	49145
650	275805	206460	164763	136890	116916	101880	90135	80694	72928	66420	60878	56095
700	312450	233916	186700	155140	135530	115512	102222	91542	82760	75401	69137	63734
800	382360	286312	228578	190000	162371	141584	125357	112324	101612	92642	85012	78434
900	467607	350196	279633	232494	198740	173352	153541	137634	124566	113628	104327	96314
1000	549031	511224	328414	273102	233504	203728	180698	161852	146538	133725	122834	113077



HEM					
Tipo	Dimensioni in mm				Peso
	Base	Altezza	Spessore Ala (S ₁)	Spessore Base (s)	
100	106	120	12,0	20,0	41,8
120	126	140	12,5	21,0	52,1
140	146	160	13,0	22,0	63,2
160	166	180	14,0	23,0	76,2
180	186	200	14,5	24,0	88,9
200	206	220	15,0	25,0	103,0
220	226	240	15,5	26,0	117,0
240	248	270	18,0	32,0	157,0
260	268	290	18,0	32,5	172,0
280	288	310	18,5	33,0	189,0
300	310	340	21,0	39,0	238,0
320	309	359	21,0	40,0	245,0
340	309	377	21,0	40,0	248,0
360	308	395	21,0	40,0	250,0
400	307	432	21,0	40,0	256,0
450	307	478	21,0	40,0	263,0
500	306	524	21,0	40,0	270,0
600	305	620	21,0	40,0	285,0

IPE					
Tipo	Dimensioni in mm				Peso
	Base	Altezza	Spessore Ala (S ₁)	Spessore Base (s)	
80	46	80	3,8	5,2	6,0
100	55	100	4,1	5,7	8,1
120	64	120	4,4	6,3	10,4
140	73	140	4,7	6,9	12,9
160	82	160	5,0	7,4	15,8
180	91	180	5,3	8,0	18,8
200	100	200	5,6	8,5	22,4
220	110	220	5,9	9,2	26,2
240	120	240	6,2	9,8	30,7
270	135	270	6,6	10,2	36,1
300	150	300	7,1	10,7	42,2
330	160	330	7,5	11,5	49,1
360	170	360	8,0	12,7	57,1
400	180	400	8,6	13,5	66,3
450	190	450	9,4	14,6	77,6
500	200	500	10,2	16,0	90,7
550	210	550	11,1	17,2	106,0
600	220	600	12,0	19,0	122,0

PORTATE TRAVI

TRAVI HEM												
Distanza tra gli appoggi - Misure in m												
Tipo	3	4	5	6	7	8	9	10	11	12	13	14
100	7981	5912	4654	3802	3181	2705						
120	12131	9007	7112	5771	4901	4191	3627					
140	17346	12900	10205	8388	7272	6070	5276	4628				
160	23920	17806	14108	11617	9816	8446	7363	6482	5747			
180	31647	23580	18704	15423	13055	11256	9837	8685	7726	6911		
200	40948	30531	24239	20011	16996	16647	12825	11347	10119	9078	8182	-
220	51701	38571	30646	25324	21489	18583	16297	14445	12909	11609	10491	9516
240	76327	56970	45294	37457	31814	27543	24186	21469	19217	17315	15681	14258
260	91641	68430	54434	45047	38292	33183	29171	25927	23242	20975	19031	17340
280	108230	80842	64333	53264	45304	39287	34564	30749	27593	24931	22650	20667
300	147762	110405	87895	72810	61966	53774	47350	42163	37875	34263	31169	28484
320	161394	120617	96052	79574	67769	58838	51838	46188	41522	37592	34229	31312
340	172451	128604	102437	84909	72319	62814	55366	49358	44398	40222	36651	33555
360	182712	136596	108827	90231	76876	66798	58904	52663	57285	42865	39087	35813
400	204880	153212	124748	101288	86342	75070	66245	59134	53269	48340	44129	40483
450	233871	174943	139481	115752	98727	85893	75853	67768	61105	55509	50733	46602
500	262863	196675	156854	130216	111112	96717	85461	76402	68940	62678	57337	52721
550	294467	220322	175757	145955	124588	108493	95913	85793	77463	70475	64519	59375
600	325963	243974	194666	161700	138070	120277	106374	95195	85997	78284	71714	66042
650	358801	268588	214343	178082	152097	132536	117256	104974	94871	86404	79194	72972
700	391630	293196	234015	194460	166121	144792	128135	114750	103743	94521	86671	79900
800	462835	346572	276687	229991	196546	171384	151742	135966	123000	112142	102906	94944
900	534041	399948	319359	265522	226917	197976	175349	157182	142257	129764	119141	109989
1000	610366	457164	365103	303612	259951	226488	200663	179934	162910	148665	136558	126131

TRAVI IPE															
Distanza tra gli appoggi - Misure in m															
Tipo	2,5	3	3,5	4	4,5	5	5,5	6	7	8	9	10	11	12	14
80	1009	835	710	616	542	482									
100	1731	1435	1222	1062	936	835	751	681							
120	2687	2230	1902	1654	1460	1305	1176	1068	896						
140	3925	3259	2782	2422	2140	1914	1728	1571	1323	1133					
160	5541	4603	3931	3425	3029	2711	2450	2230	1882	1617	1408				
180	7428	6173	5273	4597	4068	3643	3294	3002	2538	2185	1907	1681	1492		
200	9876	8210	7016	6118	5417	4854	4391	4004	3390	2925	2557	2259	2011	1800	
220	12837	10673	9124	7959	7050	6320	5720	5219	4424	3822	3348	2963	2644	2373	1937
240	16512	13732	11741	10246	9078	8141	7371	6728	5709	4939	4332	3840	3432	3087	2532
270	21874	18195	15563	13583	12040	10802	9785	8935	7592	6575	5776	5130	4595	4143	3417
300	28413	23638	20222	17655	15653	14048	12731	11629	9889	8574	7524	6707	6017	5435	4101
330	36383	30284	25904	22620	20060	18007	16323	14916	12694	11016	9698	8635	7756	7016	5831
360	46142	38399	32860	28700	24457	22857	20724	18942	16130	14007	12343	11000	9891	8957	7465
400	59226	49294	42191	36855	32697	29364	26631	24350	20747	18029	15901	14185	12769	11577	7677
450	76606	63767	54585	47689	42317	38012	34482	31534	26885	23379	20635	18424	16601	15069	12628
500	98589	82074	70265	61397	54490	48954	44417	40629	34656	30154	26632	23797	21460	19498	16376
550	124663	103788	88863	77656	68927	61934	56202	51417	43875	38192	33748	30172	27226	24754	20824
600	156879	130620	111847	97752	86775	77982	70776	64761	55283	48144	42564	38076	34381	31282	26360