

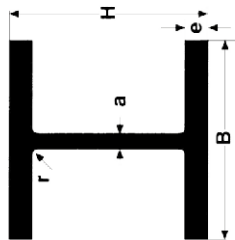
TRAVI HEA

Tabella dei carichi netti
uniformemente ripartiti
per $\hat{a} = 1600 \text{ Kg/cm}^2$

Il calcolo è svolto con la formula

$$Q \text{ (kg)} = \frac{8 \times Wx \times 1600}{L \text{ (cm)}} - \text{peso della trave}$$

PROFILO							Peso Kg/m.	Sez. cm ²	Wx Cm ³	Jx cm ⁴	DISTANZA TRA GLI APPOGGI IN METRI													
HE	h	b	a	e	r	3					4	5	6	7	8	9	10	11	12	13	14			
100	96	100	5,0	8,0	12	16,7	21,2	73	349	3064	2269	1785	1457	-	-	-	-	-	-	-	-	-		
120	114	120	5,0	8,0	12	19,9	25,3	106	606	4463	3312	2614	2142	1800	-	-	-	-	-	-	-	-		
140	133	140	5,5	8,5	12	24,7	31,4	155	1033	6539	4861	3844	3158	2661	2282	-	-	-	-	-	-	-		
160	152	160	6,0	9,0	15	30,4	38,8	220	1673	9295	6918	5480	4511	3810	3276	2855	2512	-	-	-	-	-		
180	171	180	6,0	9,5	15	35,5	45,3	294	2510	12437	9265	7348	6059	5127	4419	3861	3408	3030	-	-	-	-		
200	190	200	6,5	10,0	18	42,3	53,8	389	3692	16470	12278	9746	8044	6816	5885	5151	4556	4061	3641	-	-	-		
220	210	220	7,0	11,0	18	50,5	64,3	515	5410	21821	16277	12931	10683	9063	7835	6869	6087	5437	4887	4414	-	-		
240	230	240	7,5	12,0	21	60,3	76,8	675	7763	28618	21358	16978	14037	11920	10317	9057	8036	7191	6476	5862	5327	5327		
260	250	260	7,5	12,5	24	68,2	86,8	836	10455	35464	26478	21060	17425	14809	12830	11275	10018	8977	8098	7344	6688	6688		
280	270	280	8,0	13,0	24	76,4	97,3	1010	13673	42863	32013	25473	21087	17933	15548	13676	12163	10912	9856	8951	8164	8164		
300	290	300	8,5	14,0	27	88,3	112	1260	18263	53493	39965	31813	26349	22421	19453	17125	15244	13690	12380	11258	10283	10283		
320	310	300	9,0	15,5	27	97,6	124	1480	22928	62852	46368	37400	30987	26379	22898	20170	17967	16147	14615	13306	12164	12164		
340	330	300	9,5	16,5	27	105,0	133	1680	27693	71363	53338	42481	35209	29984	26039	22947	20453	18393	16659	15176	13889	13889		
360	350	300	1,0	17,5	27	112,0	143	1890	33090	80301	60034	47822	39646	33775	29343	25871	23071	20760	18815	17152	15711	15711		
400	390	300	11,0	19,0	27	125,0	159	2310	45069	98182	73418	58509	48528	41364	35959	31790	28317	25567	23139	21119	19369	19369		
450	440	300	11,5	21,0	27	140,0	178	2900	63722	123310	92237	73538	61025	52047	45278	39983	35719	32204	29252	26733	24553	24553		
500	490	300	12,0	23,0	27	155,0	197	3550	86975	150997	112977	90102	74801	63827	55558	49092	43888	39603	36005	32937	30286	30286		
550	540	300	12,5	24,0	27	166,0	212	4150	111932	176564	132132	105407	87535	74721	65070	57526	51458	46463	42273	38702	35618	35618		
600	590	300	13,0	25,0	27	178,0	226	4790	141203	203834	152564	121731	101116	86340	75214	66520	59530	53778	48956	45026	41301	41301		
650	640	300	13,5	26,0	27	190,0	241	5470	175178	232816	174280	139082	115553	98692	86000	76085	68116	61560	56066	51388	47351	47351		
700	690	300	14,5	27,0	27	204,0	260	6240	215301	265628	198864	158724	131896	112674	98200	86910	77832	70366	64112	58788	54195	54195		
800	790	300	15,0	28,0	30	224,0	286	7680	303442	327008	244864	195488	162496	138866	121088	107210	96064	86903	79232	72706	67081	67081		
900	890	300	16,0	30,0	30	252,0	320	9480	422075	403724	302352	241428	200728	171584	149664	132558	118824	107540	98096	90065	83146	83146		
1000	990	300	16,5	31,0	30	272,0	347	11190	553846	476624	356992	285104	237088	202713	176864	156698	140512	127218	116096	106642	98500	98500		



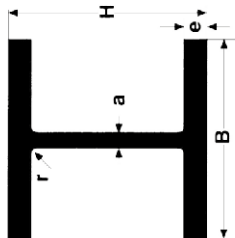
TRAVI HEB

Tabella dei carichi netti
uniformemente ripartiti
per $\bar{a} = 1600 \text{ Kg/cm}^2$

Il calcolo è svolto con la formula

$$Q \text{ (kg)} = \frac{8 \times Wx \times 1600}{L \text{ (cm)}} - \text{peso della trave}$$

PROFILO						Peso Kg/m.	Sez. cm ²	Wx Cm ³	Jx cm ⁴	DISTANZA TRA GLI APPOGGI IN METRI														
HE	h	b	a	e	r					3	4	5	6	7	8	9	10	11	12	13	14			
100	100	100	6,0	10,0	12,0	20,4	26,0	90	450	3778	2798	2202	1797	1502	-	-	-	-	-	-	-	-	-	-
120	120	120	6,5	11,0	12,0	26,7	34,0	144	864	6063	4501	3553	2911	2446	2090	-	-	-	-	-	-	-	-	-
140	140	140	7,0	12,0	12,0	33,7	43,0	216	1509	9114	6777	5361	4405	3713	3186	2768	-	-	-	-	-	-	-	-
160	160	160	8,0	13,0	15,0	42,6	54,3	311	2492	13141	9781	7748	6379	5388	4635	4039	3554	-	-	-	-	-	-	-
180	180	180	8,5	14,0	15,0	51,2	65,3	426	3831	18022	13427	10649	8780	7431	6406	5597	4940	4393	-	-	-	-	-	-
200	200	200	9,0	15,0	18,0	61,3	78,1	570	5696	24135	17994	14285	11792	9993	8629	7554	6683	5958	5344	-	-	-	-	-
220	220	220	9,5	16,0	18,0	71,5	91,0	736	8091	31187	23265	18483	15272	12957	11203	9823	8705	7777	6992	6317	-	-	-	-
240	240	240	10,0	17,0	21,0	83,2	106	938	11259	39770	29682	23596	19511	16569	14342	12591	11174	10000	9006	8153	7411	-	-	-
260	260	260	10,0	17,5	24,0	93,0	118	1150	14919	48786	36427	28974	23974	20377	17655	15518	13789	12358	11150	10113	9212	-	-	-
280	280	280	10,5	18,0	24,0	103,0	131	1380	19270	58569	43747	34812	28821	24512	21255	18700	16633	14924	13483	12248	11174	-	-	-
300	300	300	11,0	19,0	27,0	117,0	149	1680	25166	71327	53290	42422	35137	29900	25943	22839	20333	18261	16515	15020	13721	-	-	-
320	320	300	11,5	20,5	27,0	127,0	161	1930	30823	81963	61250	48771	40410	34401	29863	26305	23433	21060	19062	17351	15867	-	-	-
340	340	300	12,0	21,5	27,0	134,0	171	2160	36656	91755	68582	54624	45274	38558	33487	29513	26307	23659	21431	19525	17872	-	-	-
360	360	300	12,5	22,5	27,0	142,0	181	2400	43193	101971	76130	60728	50346	42890	37263	32854	29300	26364	23895	21784	19954	-	-	-
400	400	300	13,5	24,0	27,0	155,0	198	2880	57680	122412	91568	72951	60508	51576	44838	39641	35313	31962	28859	26341	24160	-	-	-
450	450	300	14,0	26,0	27,0	171,0	218	3550	79887	150949	112913	90022	74705	63715	55430	49948	43728	39427	35813	32729	30062	-	-	-
500	500	300	14,5	28,0	27,0	187,0	239	4290	107176	182474	136528	108886	90395	77134	67142	59328	53040	47861	43514	42238	38149	-	-	-
550	550	300	15,0	29,0	27,0	199,0	254	4970	136691	211451	158240	126234	104830	89484	77926	68891	61624	55642	50624	46347	42653	-	-	-
600	600	300	15,5	30,0	27,0	212,0	270	5700	171041	242558	181547	144856	120325	102742	89501	79262	70838	63993	58254	53365	49145	-	-	-
650	650	300	16,0	31,0	27,0	225,0	286	6480	210616	275805	206460	164763	136890	116916	101880	90135	80694	72928	66420	60878	56095	-	-	-
700	700	300	17,0	32,0	27,0	241,0	306	7340	258888	312450	233916	186700	155140	132530	115512	102222	91542	82760	75401	69137	63734	-	-	-
800	800	300	17,5	33,0	30,0	262,0	334	8980	359083	382360	286312	228578	190000	162371	141584	125357	112324	101612	92642	85012	78434	-	-	-
900	900	300	18,5	35,0	30,0	291,0	371	10980	494065	467607	350196	279633	232494	198740	173352	153541	137634	124566	113628	104327	96314	-	-	-
1000	1000	300	19,0	36,0	30,0	314,0	400	12890	644748	549031	411224	328414	273102	233504	203728	180498	161852	146538	133725	122834	113077	-	-	-



TRAVI HEM

Tabella dei carichi netti
uniformemente ripartiti
per $\dot{a} = 1600 \text{ Kg/cm}^2$

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PROFILO					Peso Kg/m.	Sez. cm ²	Wx Cm ³	Jx cm ⁴	DISTANZA TRA GLI APPOGGI IN METRI											
									3	4	5	6	7	8	9	10	11	12	13	14
100	120	106	12,0	20,0	12,0	41,8	53,2	190	1143	7981	5912	4654	3802	3181	2705	-	-	-	-	-
120	140	126	12,5	21,0	12,0	52,1	66,4	288	2018	12131	9007	7112	5771	4901	4191	3627	-	-	-	-
140	160	146	13,0	22,0	12,0	63,2	80,6	411	3291	17346	12900	10205	8388	7072	6070	5276	4628	-	-	-
160	180	166	14,0	23,0	15,0	76,2	97,1	566	5098	23920	17806	14108	11617	9816	8446	7363	6482	5747	-	-
180	200	186	14,5	24,0	15,0	88,9	113	748	7483	31647	23580	18704	15423	13055	11256	9837	8685	7726	6911	-
200	220	206	15,0	25,0	18,0	103,0	131	967	10642	40948	30531	24239	20011	16961	14647	12825	11347	10119	9078	8182
220	240	226	15,5	26,0	18,0	117,0	149	1220	14605	51701	38571	30646	25324	21489	18583	16297	14445	12909	11609	10491
240	270	248	18,0	32,0	21,0	157,0	200	1800	24289	76327	56970	45294	37457	31814	27543	24186	21469	19217	17315	15681
260	290	268	18,0	32,5	24,0	172,0	220	2160	31307	91641	68430	54434	45047	38292	33183	29171	25927	23242	20975	19031
280	310	288	18,5	33,0	24,0	189,0	240	2550	39547	108230	80842	64333	53264	45304	39287	34564	30749	27593	24931	22650
300	340	310	21,0	39,0	27,0	238,0	303	3480	59201	147762	110405	87895	72810	61966	53774	47350	42163	37875	34263	31169
320	359	309	21,0	40,0	27,0	245,0	312	3800	68135	161394	120617	96052	79594	67769	58838	51838	46188	41522	37592	34229
340	377	309	21,0	40,0	27,0	248,0	316	4050	76372	172451	128604	102437	84909	72319	62814	55366	49358	44398	40222	36651
360	395	308	21,0	40,0	27,0	250,0	319	4300	84867	182712	136596	108827	90231	76876	66798	58904	52663	47285	42865	39087
400	432	307	21,0	40,0	27,0	256,0	326	4820	104119	204880	153212	124748	101288	86342	75070	66245	59134	53269	48340	44129
450	478	307	21,0	40,0	27,0	263,0	335	5500	131484	233871	174943	139481	115752	98727	85893	75853	67768	61105	55509	50733
500	524	306	21,0	40,0	27,0	270,0	344	6180	161929	262863	196675	156854	130216	111112	96717	85461	76402	68940	62678	57337
550	572	306	21,0	40,0	27,0	278,0	354	6920	197984	294467	220322	175757	145955	124588	108493	95913	85793	77463	70475	64519
600	620	305	21,0	40,0	27,0	285,0	364	7660	237447	325963	243974	194666	161700	138070	120277	106374	95195	85997	78284	71714
650	668	305	21,0	40,0	27,0	293,0	374	8430	281667	358801	268588	214343	178082	152097	132536	117256	104974	94871	86404	79194
700	716	304	21,0	40,0	27,0	301,0	383	9200	329278	391630	293196	234015	194460	166121	144792	128135	114750	103743	94521	86671
800	814	303	21,0	40,0	30,0	317,0	404	10870	442598	462835	346572	276687	229991	196546	171384	151742	135966	123000	112142	102906
900	910	302	21,0	40,0	30,0	333,0	424	12540	570434	534041	399948	319359	265522	226971	197976	175349	157182	142257	129764	119141
1000	1008	302	21,0	40,0	30,0	349,0	444	14330	722299	610366	457164	365103	303612	259591	226488	200663	179934	162910	148665	136558