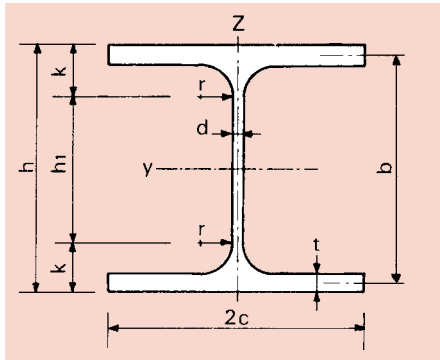


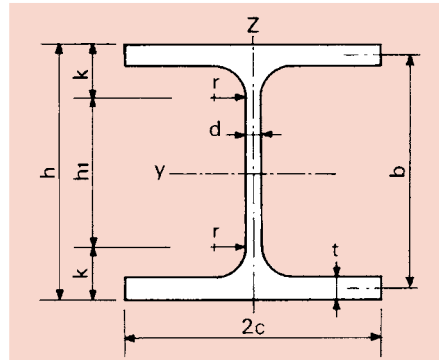
# Einbaubogen aus Walzprofilen

Breitflanschträger HEA HEB HEM  
 Stahlqualität S235 S355  
 Streckgrenze S235 fy235 N/mm2  
 S355 fy355 N/mm2

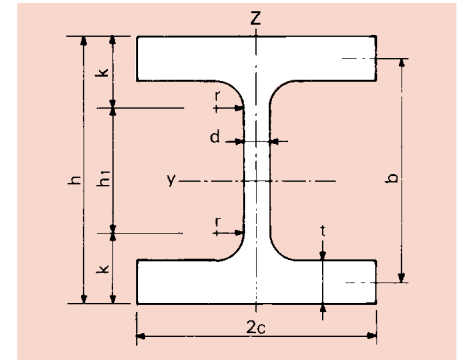
Zugfestigkeit S235 fu360–460 N/mm2  
 S355 fu510–610 N/mm2  
 GI – Grubenstahl auf Anfrage  
 TH – Rinnenprofile auf Anfrage



**Breitflanschträger HEA**



**Breitflanschträger HEB**



**Breitflanschträger HEM**

HEA	m kg/m	Statische Werte												min. Biege- radius in m	Profilmasse					HEA																							
		A mm <sup>2</sup>	A <sub>w</sub> mm <sup>2</sup>	I <sub>y</sub> mm <sup>4</sup> x 10 <sup>6</sup>	W <sub>y</sub> mm <sup>3</sup> x 10 <sup>3</sup>	W <sub>y</sub> mm <sup>3</sup> x 10 <sup>3</sup>	Z <sub>y</sub> mm <sup>3</sup> x 10 <sup>3</sup>	I <sub>y</sub> mm	I <sub>z</sub> mm <sup>4</sup> x 10 <sup>6</sup>	W <sub>z</sub> mm <sup>3</sup> x 10 <sup>3</sup>	Z <sub>z</sub> mm <sup>3</sup> x 10 <sup>3</sup>	I <sub>z</sub> mm	b mm		h mm	2c mm	d mm	t mm	r mm		h1 mm	k mm																					
100	16.7	2120	440	3.5	73	79	83	40.6	1.34	26	41	25.1	88	1.4	96	100	5	8	12	56	20	100																					
120	19.9	2530	530	6.1	106	114	119	48.9	2.31	38	59	30.2	106	1.4	114	120	5	8	12	74	20	120																					
140	24.7	3140	685	10.3	155	166	173	57.3	3.89	55	85	35.2	124.5	1.5	133	140	5.5	8.5	12	91	21	140																					
160	30.4	3880	858	16.7	220	234	246	65.7	6.16	76	118	39.8	143	1.7	152	160	6	9	15	104	24	160																					
180	35.5	4530	969	25.1	294	311	324	74.5	9.25	103	157	45.2	161.5	1.9	171	180	6	9.5	15	121	25	180																					
200	42.3	5380	1170	36.9	389	410	430	82.8	13.4	134	204	49.8	180	2.0	190	200	6.5	10	18	134	28	200																					
220	50.5	6430	1390	54.1	515	544	568	91.7	19.5	178	271	55.1	199	3.0	210	220	7	11	18	152	29	220																					
240	60.3	7680	1640	77.6	675	712	744	101	27.7	231	352	60.0	218	3.5	230	240	7.5	12	21	164	33	240																					
260	68.2	8680	1735	104.5	836	881	920	110	36.7	282	430	65.0	237.5	4.0	250	260	7.5	12.5	24	176	37	260																					
<b>HEB</b>																						<b>HEB</b>																					
100	20.4	2600	540	4.5	90	100	104	41.6	1.67	33	51	25.3	90	1.2	100	100	6	10	12	56	22	100																					
120	26.7	3400	708	8.6	144	158	165	50.4	3.18	53	81	30.6	109	1.5	120	120	6.5	11	12	74	23	120																					
140	33.7	4300	896	15.1	216	236	246	59.3	5.50	79	120	35.8	128	1.6	140	140	7	12	12	92	24	140																					
160	42.6	5430	1180	24.9	311	339	354	67.8	8.89	111	170	40.5	147	1.9	160	160	8	13	15	104	28	160																					
180	51.2	6530	1410	38.3	426	461	482	76.6	13.6	151	231	45.7	166	2.5	180	180	8.5	14	15	122	29	180																					
200	61.3	7810	1660	57.0	570	616	642	85.4	20.0	200	306	50.7	185	3.0	200	200	9	15	18	134	33	200																					
220	71.5	9100	1940	80.9	736	793	828	94.3	28.4	258	394	55.9	204	3.8	220	220	9.5	16	18	152	34	220																					
240	83.2	10600	2230	112.6	938	1010	1050	103	39.2	327	499	60.8	223	4.0	240	240	10	17	21	164	38	240																					
260	93.0	11800	2420	149.2	1150	1230	1280	112	51.3	395	603	65.8	242.5		260	260	10	17.5	24	176	42	260																					
<b>HEM</b>																						<b>HEM</b>																					
100	41.8	5320	1200	11.4	190	229	236	46.3	4.0	75	116	27.4	100	1.6	120	106	12	20	12	56	32	100																					
120	52.1	6640	1490	20.2	288	339	350	55.1	7.0	112	171	32.5	119	1.8	140	126	12.5	21	12	74	33	120																					
140	63.2	8060	1790	32.9	411	477	494	63.9	11.4	157	240	37.7	138	2.0	160	146	13	22	12	92	34	140																					
160	76.2	9710	2200	51.0	566	649	674	72.5	17.6	212	324	42.6	157	3.5	180	166	14	23	15	104	38	160																					
180	88.9	11300	2550	74.8	748	850	884	81.3	25.8	277	424	47.7	176	3.8	200	186	14.5	24	15	122	39	180																					
200	103	13100	2920	106.4	967	1090	1136	90.0	36.5	354	541	52.7	195	4.0	220	206	15	25	18	134	43	200																					
220	117	14900	3320	146.0	1220	1360	1420	98.9	50.1	444	677	57.9	214		240	226	15.5	26	18	152	44	220																					
240	157	20000	4280	242.9	1800	2040	2120	110	81.5	657	1000	63.9	238		270	248	18	32	21	164	53	240																					
260	172	22000	4640	313.1	2160	2430	2520	119	104.5	780	1190	69.0	257.5		290	268	18	32.5	24	176	57	260																					

Für weitere Auskünfte und  
individuelle Beratung stehen wir  
Ihnen gerne zur Verfügung.