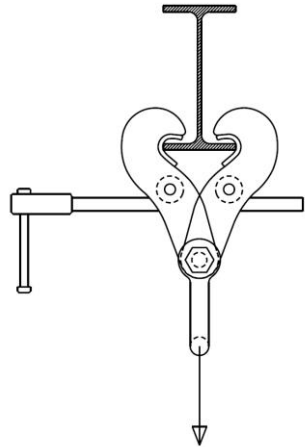


ALLOWABLE LIFTING LOAD – SUPERCLAMP IN IPE PROFILES



- This table applies for superclamps of type S and USC
- Max allowable pull angle from vertical is 15° in any direction
- Yield strength for beam profile is assumed to be 235 MPa
- Loads from other equipment is not accounted for; if other loads are significant, the beam must be checked separately

Revision: 01
Date: 17.12.2013

Allowable lifting load in kg

IPE PROFILE	BEAM SPAN (M)													
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0
IPE 140	188	186	184	181	179	177	174	172	169	167	164	161	156	151
IPE 160	239	237	234	231	229	226	223	220	217	214	211	208	202	196
IPE 180	282	280	277	275	272	269	266	263	260	257	254	251	244	238
IPE 200	354	351	348	344	341	337	334	330	327	323	319	315	308	300
IPE 220	414	410	407	403	400	396	392	389	385	381	377	373	365	357
IPE 240	506	502	498	494	490	485	481	476	472	467	463	458	449	439
IPE 270	564	560	556	552	548	544	540	536	532	527	523	519	510	501
IPE 300	637	633	629	625	622	617	613	609	605	601	597	592	584	575
IPE 330	768	764	759	755	750	746	741	736	731	726	722	717	707	697