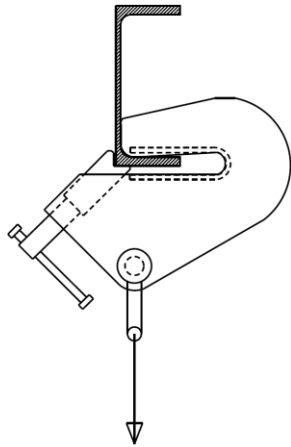


ALLOWABLE LIFTING LOAD – SUPERCLAMP IN UPE PROFILES



- This table applies for superclamps of type AC 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
- The clamp is assumed to be fully inserted on to the profile's flange

Revision: 01
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Allowable lifting load in kg

UPE 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
UPE 80	160	156	152	147	141	136	131	126	121	116	111	107	98	91
UPE 100	198	194	189	185	180	174	169	164	159	153	148	144	134	126
UPE 120	239	235	231	226	221	216	211	205	200	195	190	185	175	165
UPE 140	299	295	290	284	279	273	268	262	256	250	244	238	227	216
UPE 160	346	342	337	331	326	320	314	309	303	297	291	285	273	262
UPE 180	417	412	406	400	394	388	382	375	369	362	356	349	336	324
UPE 200	472	466	461	455	449	443	437	430	423	417	410	403	390	377
UPE 220	566	560	553	547	540	533	526	518	511	503	496	488	473	458
UPE 240	629	623	617	610	603	596	589	581	574	566	559	551	536	521
UPE 270	737	730	723	716	709	702	694	686	678	670	662	654	638	622
UPE 300	956	948	939	929	920	910	900	890	880	870	860	849	829	808