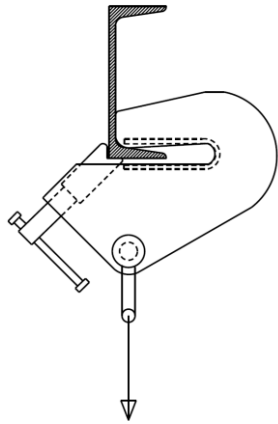


ALLOWABLE LIFTING LOAD – SUPERCLAMP IN UNP PROFILES



- 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

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Allowable lifting load in kg

UNP 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
UNP 80	212	204	195	186	177	167	158	150	142	134	127	121	110	100
UNP 100	246	240	233	225	217	209	201	193	185	177	170	163	151	139
UNP 120	314	307	299	290	281	272	262	253	244	236	227	219	204	190
UNP 140	374	367	359	350	342	333	324	315	305	297	288	279	263	248
UNP 160	432	425	417	409	400	391	382	373	363	354	345	336	319	303
UNP 180	496	488	480	472	463	454	444	435	425	416	407	397	379	362
UNP 200	555	548	540	531	522	513	504	495	485	476	467	457	439	421
UNP 220	655	647	638	629	619	609	599	589	579	569	559	549	528	509
UNP 240	727	718	709	700	690	680	670	660	649	639	629	618	598	578
UNP 260	838	829	819	809	799	788	777	766	755	744	733	722	700	678
UNP 280	933	924	914	904	893	883	872	861	850	838	827	816	793	771
UNP 300	1033	1024	1014	1004	993	983	972	961	949	938	926	915	892	868