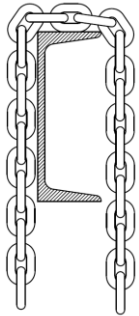


# ALLOWABLE LIFTING LOAD – CHAIN LOOP IN UNP PROFILES



- Max allowable pull angle from vertical is 15° in any direction
- Yield strength for beam profile and plate 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
- All lifts above 2 tonnes must be approved by competent enterprise (allowable lifting loads above 2 tonnes are shown in red)

Revision: 01  
Date: 17.12.2013

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	524	349	258	203	168	143	124	110	98	89	81	75	65	57
UNP 100	642	455	346	278	232	198	173	154	138	125	115	106	92	81
UNP 120	763	568	445	363	305	263	231	206	186	169	155	143	124	110
UNP 140	953	730	581	479	406	352	310	277	250	228	209	193	168	148
UNP 160	1075	853	694	580	497	433	384	344	312	285	262	243	211	187
UNP 180	1199	979	813	689	596	523	466	419	381	349	322	299	261	231
UNP 200	1323	1105	933	801	699	618	553	500	456	418	387	359	315	280
UNP 220	1564	1322	1128	975	855	759	682	618	564	519	480	447	392	349
UNP 240	1700	1463	1265	1105	977	873	787	716	656	605	561	523	460	410
UNP 260	1968	1707	1487	1307	1160	1040	940	857	787	726	674	629	554	495
UNP 280	2252	1969	1727	1526	1360	1223	1109	1013	932	862	801	748	660	590
UNP 300	2554	2249	1984	1762	1576	1422	1293	1183	1090	1009	939	878	776	695