


## LOAD TABLE



Spam [m]	Centre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]
1	2865	2865	0,3	1654	3308	0,3	1191	3574	0,3	939	3756	0,3	4579	4579	0,2
2	2014	2014	2	1253	2505	2	949	2848	2	775	3101	2	2239	4478	2
3	1540	1540	5	999	1997	6	783	2348	6	656	2622	6	1211	3633	6
4	1240	1240	9	827	1654	12	663	1988	13	537	2147	13	724	2895	16
5	1034	1034	15	702	1403	19	571	1714	22	444	1777	22	467	2333	24
6	885	885	24	608	1215	26	481	1442	29	378	1510	29	324	1944	34
7	770	770	33	534	1067	39	412	1236	42	327	1306	42	236	1650	46
8	680	680	44	475	950	52	359	1078	54	287	1149	54	178	1420	59
9	602	602	56	425	850	68	318	955	70	255	1018	70	139	1250	77
10	540	540	70	385	770	82	284	852	88	228	911	88	110	1100	95
11	485	485	86	348	696	104	254	763	106	205	820	108	89	980	115
12	440	440	104	327	654	123	230	689	127	188	750	131	73	870	136
13	403	403	122	290	579	145	208	624	149	170	680	155	60	780	160
14	367	367	140	265	529	172	190	569	174	154	616	180	50	699	185
15	337	337	165	244	487	200	173	518	199	141	563	200	42	625	211
16	308	308	190	225	449	230	158	473	227	129	515	234	37	590	240
17	281	281	220	206	412	259	144	433	254	119	474	265	34	571	269
18	258	258	250	191	382	295	132	395	287	108	432	296	28	503	303

Calcolo eseguito in conformità della norma Europea **Eurocodice 9, UNI ENV 1992**, "Progetto di strutture in alluminio".

Description	Specification
External dimension	290 x 290 mm
Alloy	EN-AW 6082 T6
Main tube	Ø 50x3 mm EN-AW 6082 T6
Braces	Ø 20x2 mm EN-AW 6082 T6
Connecting	WKC Spigot series
Welding process	TIG (EWF - EN ISO 9606-2 - 2004)
Available length (cm)	50-100-150-200-250-300-350-400

