

LOAD TABLE

															
	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.)		
Spam	Point Load	Full Load	Central Deflection	Point Load	Full Load	Central Deflection	Point Load	Full Load	Central Deflection	Point Load	Full Load	Central Deflection	Point Load	Full Load	Central Deflection
[m]	[Kg]	[Kg]	[mm]	[Kg]	[Kg]	[mm]	[Kg]	[Kg]	[mm]	[Kg]	[Kg]	[mm]	[Kg]	[Kg]	[mm]
1	2318	2318	0,5	1168	2336	0,4	778	2335	0,3	584	2336	0,3	2336	2336	0,2
2	1555	1555	2	998	1995	2	771	2313	2	583	2330	2	1165	2330	2
3	1156	1156	3	775	1549	6	620	1860	6	502	2007	6	775	2324	6
4	915	915	4	629	1257	12	501	1503	13	393	1572	13	530	2120	16
5	756	756	11	527	1054	18	406	1217	22	322	1288	22	342	1710	24
6	639	639	16	452	904	29	340	1019	29	271	1085	29	238	1430	34
7	550	550	23	393	786	41	290	871	42	234	936	42	175	1222	46
8	484	484	35	348	696	53	254	762	54	205	819	54	133	1060	59
9	429	429	46	310	620	69	224	672	70	182	727	70	103	930	77
10	384	384	56	279	558	86	200	599	88	163	650	88	83	830	95
11	345	345	71	253	506	107	180	539	106	146	585	108	67	740	115
12	314	314	88	230	460	129	162	486	127	132	528	131	55	665	136
13	286	286	104	210	420	151	147	441	149	120	481	155	47	605	160
14	260	260	125	193	386	178	134	402	174	110	439	180	39	548	185
15	241	241	144	177	354	204	122	367	199	102	407	200	33	497	211
16	221	221	168	164	328	236	112	335	227	92	368	234	29	458	240

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 50x2 mm EN-AW 6082 T6
Braces	Ø 16x2 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

