

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	1828	1828	0	1000	2000	0	700	2100	0	540	2165	0	2458	2458	0
2	1439	1439	1	836	1672	1	607	1820	1	480	1918	1	1103	2450	1
3	1180	1180	3	715	1430	3	533	1599	3	430	1720	3	733	2442	3
4	996	996	5	623	1245	6	473	1420	6	389	1555	6	443	2302	7
5	860	860	9	549	1098	10	425	1276	10	353	1412	11	282	2062	13
6	752	752	14	490	980	15	385	1154	16	324	1294	18	194	1812	20
7	668	668	19	441	882	22	351	1052	24	290	1160	25	141	1606	28
8	598	598	26	400	799	30	321	962	33	259	1036	34	107	1440	38
9	540	540	34	364	728	39	295	885	44	233	930	44	84	1280	49
10	490	490	43	333	666	50	272	816	56	211	844	55	67	1145	61
11	446	446	54	306	612	62	246	738	68	192	766	66	54	1042	75
12	408	408	65	283	565	75	224	672	82	175	700	83	45	940	90
13	376	376	78	261	522	90	204	612	96	161	642	97	38	854	106
14	345	345	90	241	482	106	187	560	112	148	592	114	32	786	124
15	320	320	106	226	451	124	171	514	132	136	544	132	29	720	143
16	294	294	123	208	416	143	158	475	152	126	504	152	23	662	163
17	272	272	144	194	388	166	145	436	171	116	465	172	19	616	186
18	252	252	160	180	360	190	134	402	193	107	428	194	17	559	204

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

Description	Specification
External dimension	390 x 390 mm
Alloy	EN-AW 6082 T6
Main tube	Ø 50x2 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

