

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															
2	1790	1790	3	502	1003	2	244	732	2	138	550	2	1103	2206	2
3	1189	1189	6	445	890	5	198	594	5	123	493	5	733	2199	5
4	887	887	10	333	665	8	148	443	8	92	368	8	443	1772	8
5	705	705	16	265	529	13	117	352	13	73	292	13	282	1410	13
6	583	583	23	219	437	18	97	291	18	61	242	18	194	1164	18
7	495	495	31	186	371	25	82	247	25	51	205	25	141	987	25
8	430	430	41	161	321	33	71	214	33	45	178	33	107	856	33
9	370	370	51	141	282	41	63	188	41	39	156	41	84	756	41
10	335	335	63	125	250	51	56	167	51	35	138	51	67	670	51
11	300	300	77	112	224	61	50	150	61	31	124	61	54	594	61
12	269	269	91	101	201	73	45	134	73	28	111	73	45	540	73
13	243	243	107	91	182	86	40	121	86	25	101	86	38	494	86
14	221	221	124	83	166	101	37	110	101	23	91	101	32	448	101
15	201	201	143	75	150	114	34	101	114	21	83	114	29	435	114
16	185	185	162	69	137	130	31	92	130	19	76	130	23	368	130
17	168	168	183	63	125	147	28	84	147	18	70	147	19	323	147
18	154	154	206	58	115	165	26	77	165	16	64	165	17	306	165

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 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

