

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]
3	2210	3285	1	1749	3498	1	1203	3610	1	919	3675	1	1313	3940	1
4	1990	3075	2	1666	3331	2	1157	3472	2	891	3563	2	979	3916	2
5	2877	2877	4	1588	3175	4	1115	3345	3	863	3452	3	779	3895	3
6	2695	2695	6	1514	3027	6	1073	3220	6	836	3344	6	645	3871	5
7	2534	2534	9	1442	2884	9	1033	3100	9	810	3238	9	550	3850	9
8	2386	2386	12	1377	2754	13	994	2982	12	784	3135	13	478	3824	13
9	2251	2251	19	1316	2631	18	958	2873	19	759	3035	19	422	3802	19
10	2130	2130	24	1258	2516	24	921	2764	25	735	2940	25	378	3779	26
11	2015	2015	28	1201	2401	30	887	2662	32	711	2845	32	342	3762	35
12	1912	1912	36	1149	2297	37	854	2562	40	688	2753	39	311	3735	45
13	1814	1814	46	1099	2197	47	824	2471	49	666	2665	49	286	3714	57
14	1726	1726	54	1053	2105	56	793	2380	59	645	2580	60	264	3690	70
15	1640	1640	64	1008	2016	65	764	2292	70	624	2497	73	245	3670	87
16	1562	1562	74	966	1932	79	736	2207	82	604	2416	84	223	3571	101
17	1487	1487	84	926	1852	92	709	2128	97	584	2337	100	202	3440	118
18	1421	1421	98	889	1777	102	683	2050	112	566	2262	117	184	3312	136
19	1354	1354	112	852	1704	119	659	1976	128	548	2190	135	168	3192	158
20	1239	1239	129	817	1634	135	633	1900	146	530	2120	152	152	3045	178
21	1234	1234	145	782	1564	154	612	1835	164	513	2050	172	137	2870	195
22	1170	1170	161	751	1502	173	589	1768	186	495	1980	196	123	2708	215
23	1114	1114	178	722	1444	192	567	1702	205	473	1890	218	111	2558	234
24	1052	1052	194	691	1382	213	547	1642	231	448	1790	238	101	2420	260
25	1000	1000	214	663	1326	236	527	1580	255	426	1702	260	91	2285	281
26	556	952	233	635	1270	259	507	1520	281	403	1610	280	82	2160	308
27	902	902	254	609	1218	282	488	1464	304	382	1527	308	76	2042	335
28	854	854	279	582	1164	310	462	1385	333	361	1445	332	69	1934	358
29	810	810	305	558	1115	337	437	1310	359	343	1371	358	63	1827	388
30	795	795	325	534	1068	364	412	1238	386	325	1300	386	91	1726	410

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

Description	Specification
External dimension	760 x 520 mm
Main tube	Ø 50x4 mm EN-AW 6082 T6
Braces	Ø 30x3 mm EN-AW 6082 T6
Diagonals	Ø 50x4 mm EN-AW 6082 T6
Connecting	Forks connection / Spigots
Welding process	TIG (EWF - EN ISO 9606-2 - 2004)
Available length (cm)	60-80-100-130-150-160-200-240-300

