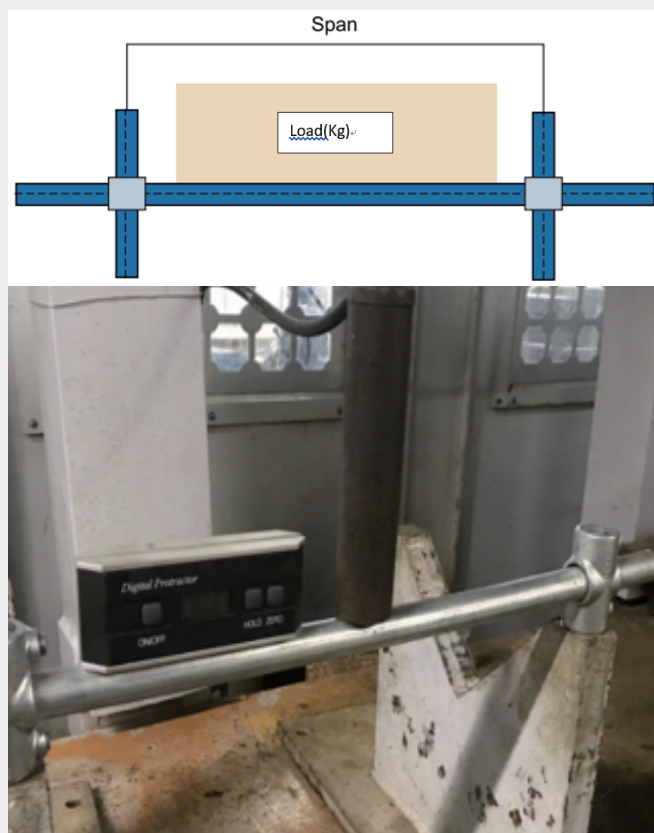


APPLICATION GUIDELINES

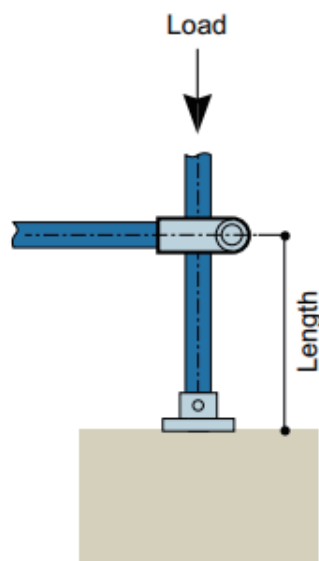
The general structure of the shelf can be constructed using clamp connectors and steel pipe fittings. Care must be taken to ensure that the pipe size chosen is sufficient to meet the expected load.

Span(m)	26.9mmX2.6	33.7mmX3.2	42.4mmX3.2	48.3mmX3.2	60.3mmX3.6
0.5	556.2	1091.8	1802.5	2451.4	4120
0.6	448.05	1875.5	1449.21	1926.1	3347.5
0.7	386.25	751.9	1243.21	1642.85	2842.8
0.8	339.9	664.35	1094.89	1426.55	2492.6
0.9	303.85	596.37	974.38	1266.9	2224.8
1	272.95	540.75	875.5	1143.3	2008.5
1.1	247.2	492.34	793.1	1043.39	1828.25
1.2	225.57	451.14	726.15	957.9	1673.75
1.3	208.06	415.09	670.53	883.74	1541.91
1.4	192.61	384.19	622.12	819.88	1428.61
1.5	180.25	357.41	580.92	763.23	1328.7
1.6		334.75	544.87	713.79	1241.15
1.7		315.18	513.97	669.5	1162.87
1.8		298.7	486.16	631.39	1092.83
1.9		285.31	461.44	598.43	1028.97
2		276.04	439.81	569.59	1016.61
2.1			420.24	543.84	972.32
2.2			402.73	520.15	880.65
2.3			387.28	499.55	842.54
2.4			372.86	481.01	808.55
2.5			359.47	463.5	777.65
2.6				447.02	749.84
2.7				431.57	724.09
2.8				417.15	700.4
2.9					678.77
3					658.17



Safe loads are described in the table. In Kg, care must be taken to ensure that the pipe size chosen is sufficient to withstand the expected load. To help select the correct pipe, Table 1 shows the evenly distributed load that can be borne between the columns assuming that the load is supported by two pipes. the load is greater than 900Kg, the screw sliding must be considered. (safety factor 2:1).

Length (m)	26.9mmX2.6	33.7mmX3.2	42.4mmX3.2	48.3mmX3.2	60.3mmX3.6
0.3	1806	3097.5	4159.14	4926.49	7255.32
0.4	1506.75	747.85	3814.09	4579.38	6860.83
0.5	1207.5	2398.2	3469.04	4232.27	6466.34
0.6	955.5	2048.55	3123.99	3885.16	6071.85
0.7	761.25	1698.9	2770.7	3538.05	5677.36
0.8	619.5	1415.4	2433.89	3190.94	5282.87
0.9	504	1184.4	2088.84	2843.83	4888.38
1		995.4	1804.56	2496.72	4493.89
1.1		837.9	1569.72	2198.02	4099.4
1.2			1380.2	1940.52	3704.91
1.3			1223.64	1718.04	3350.59
1.4			1097.98	1528.52	3039.53
1.5				1367.84	2761.43
1.6					2514.23
1.7					2292.78
1.8					2092.96
1.9					1912.71
2					1747.91



The table shows the bearing capacity of a single column of different lengths. The table shows the safe load carried by a pipe between the above restraints when used as a column (unit: Kg). In the case of load greater than 900Kg. * The torque of the set screw must be considered (screw torque 40N.M). (safety factor 2:1)