

Metric Carbon Steel Tubing

for Hydraulic and Pneumatic Applications

DIN EN 10305-4, ASTM A822

Tube O.D. (mm)	Wall Thickness (mm)	Working Pressure (bar*)	Weight (kg/m)	Tolerances (+/- kg)	Item Number
6	1.0	377	0.123	± 0.8	S006X1.0
	1.5	564	0.166	± 0.8	S006X1.5
	2.0	644	0.197	± 0.8	S006X2.0
8	1.0	282	0.173	± 0.8	S008X1.0
	1.5	424	0.240	± 0.8	S008X1.5
	2.0	565	0.296	± 0.8	S008X2.0
10	1.0	245	0.222	± 0.8	S010X1.0
	1.5	368	0.314	± 0.8	S010X1.5
	2.0	426	0.395	± 0.8	S010X2.0
12	1.0	199	0.271	± 0.8	S012X1.0
	1.5	299	0.388	± 0.8	S012X1.5
	2.0	399	0.493	± 0.8	S012X2.0
14	1.5	256	0.462	± 0.8	S014X1.5
	2.0	342	0.592	± 0.8	S014X2.0
	2.5	403	0.709	± 0.8	S014X2.5
15	1.0	129	0.345	± 0.8	S015X1.0
	1.5	239	0.499	± 0.8	S015X1.5
	2.0	319	0.641	± 0.8	S015X2.0
	2.5	376	0.771	± 0.8	S015X2.5
16	1.0	121	0.370	± 0.8	S016X1.0
	1.5	224	0.536	± 0.8	S016X1.5
	2.0	299	0.691	± 0.8	S016X2.0
	2.5	374	0.832	± 0.8	S016X2.5
	3.0	449	0.962	± 0.8	S016X3.0
18	1.0	107	0.419	± 0.8	S018X1.0
	1.5	199	0.610	± 0.8	S018X1.5
	2.0	266	0.789	± 0.8	S018X2.0
	2.5	313	0.956	± 0.8	S018X2.5

Tube O.D. (mm)	Wall Thickness (mm)	Working Pressure (bar*)	Weight (kg/m)	Tolerances (+/- kg)	Item Number
20	1.5	179	0.684	± 0.8	S020X1.5
	2.0	239	0.888	± 0.8	S020X2.0
	2.5	299	1.079	± 0.8	S020X2.5
	3.0	359	1.258	± 0.8	S020X3.0
	4.0	479	1.578	± 0.8	S020X4.0
22	1.5	163	0.758	± 0.8	S022X1.5
	2.0	217	0.986	± 0.8	S022X2.0
	2.5	272	1.202	± 0.8	S022X2.5
	3.0	326	1.406	± 0.8	S022X3.0
25	2.0	191	1.134	± 0.8	S025X2.0
	2.5	239	1.387	± 0.8	S025X2.5
	3.0	287	1.628	± 0.8	S025X3.0
	4.0	399	2.072	± 0.8	S025X4.0
28	1.5	128	0.98	± 0.8	S028X1.5
	2.0	171	1.282	± 0.8	S028X2.0
	2.5	201	1.572	± 0.8	S028X2.5
	3.0	256	1.850	± 0.8	S028X3.0
30	4.0	302	2.368	± 0.8	S028X4.0
	2.0	159	1.381	± 0.8	S030X2.0
	3.0	239	1.988	± 0.8	S030X3.0
	4.0	333	2.565	± 0.8	S030X4.0
	5.0	416	3.083	± 0.8	S030X5.0
35	3.0	214	2.367	± 0.15	S035X3.0
	4.0	322	3.058	± 0.15	S035X4.0
	5.0	403	3.699	± 0.15	S035X5.0
38	3.0	197	2.589	± 0.15	S038X3.0
	4.0	263	3.354	± 0.15	S038X4.0
	5.0	328	4.069	± 0.15	S038X5.0
42	3.0	171	2.885	± 0.20	S042X3.0
	4.0	238	3.749	± 0.20	S042X4.0
	5.0	297	4.562	± 0.20	S042X5.0
50	5.0	249	5.549	± 0.20	S050X5.0
	6.0	299	6.511	± 0.20	S050X6.0

* Admissible working pressure according to DIN 2413

Type

Seamless Cold-Drawn Precision Steel Tubes

Material

St 35 and St 37.4 BK and NBK

Safety Factor

1.5

Dimensions

OD: 6mm - 50mm

Wall Thickness: 1mm - 6mm

Length: 6m

Additional sizes available upon request.

