

metric, carbon steel, phosphated tubing and zinc plated tubing

Specifications

Material St 37.4 steel

Tech. Stds. DIN 2391 / 94 / C
DIN 1630 / 84
DIN 2445 / 2 / 74
EN 10204 / 3.1B

Condition cold drawn seamless,
normalised NBK,
phosphated, oiled & capped

Properties tensile 340N/mm² min.
yield 235N/mm² min.
elong. 25% min.
tensile 400N/mm² typical
yield 300N/mm² typical
elong. 38% typical

Pressures are calculated for temperatures up to 120°C. Above that, pressure reductions are necessary

Weldability easy to weld.
Carbon content 0.17% max.
Sulphur content 0.04% max.

Zinc plating Fe / Zn 8c chromate
converted, 8 to 12 micron.
DIN 50961
AS 1789 - 1984



PART NO. metric CDS phosphated	PART NO. metric CDS zinc plated	SIZE	DESIGN WORKING PRESSURE	BURST PRESSURE	WEIGHT kg / m
10004X075	-	4 x 0.75	500	2040	0.060
10006X100	10006X100ZP	6 x 1	440	1700	0.123
10008X100	10008X100ZP	8 x 1	330	1130	0.173
10008X150	10008X150ZP	8 x 1.5	500	2040	0.240
10010X100	10010X100ZP	10 x 1	280	900	0.222
10010X150	10010X150ZP	10 x 1.5	420	1540	0.314
10012X100	-	12 x 1	235	720	0.271
10012X150	10012X150ZP	12 x 1.5	350	1200	0.389
10012X200	10012X200ZP	12 x 2	470	1800	0.493
10014X200	-	14 x 2	400	1440	0.592
10015X150	10015X150ZP	15 x 1.5	280	900	0.500
10016X150	1016X150ZP	16 x 1.5	260	830	0.540
10016X200	10016X200ZP	16 x 2	350	1200	0.691
10016X250	-	16 x 2.5	440	1630	0.832
10018X150	10018X150ZP	18 x 1.5	240	720	0.610
10018X200	-	18 x 2	310	1030	0.788
10020X200	10020X200ZP	20 x 2	280	900	0.960
10020X250	10020X250ZP	20 x 2.5	350	1200	1.080
10022X200	10022X200ZP	22 x 2	260	800	0.986
10022X300	-	22 x 3	380	1350	1.406
10025X200	10025X200ZP	25 x 2	230	680	1.135
10025X250	-	25 x 2.5	280	900	1.423
10025X300	10025X300ZP	25 x 3	340	1130	1.630
10025X400	-	25 x 4	450	1690	2.070
10028X150	-	28 x 1.5	150	430	0.995
10028X200	-	28 x 2	200	610	1.280
10030X300	10030X300ZP	30 x 3	280	900	2.000
10030X400	10030X400ZP	30 x 4	380	1300	2.570
10035X250	-	35 x 2.5	200	600	2.018
-	10035X300ZP	35 x 3	240	745	2.400
10035X350	-	35 x 3.5	280	900	2.776
10038X400	-	38 x 4	300	960	3.350
10038X500	10038X500ZP	38 x 5	370	1270	4.070
10042X300	10042X300ZP	42 x 3	200	600	2.890
10042X400	-	42 x 4	270	845	3.750