

DIMENSÕES			AÇO		COBRE		COBRE RECOZIDO		INOX C/ COSTURA		INOX S/ COSTURA	
Diam. Ext. mm	Diam. Int. mm	Parede mm	Referência "TN"	Pressões de utilização (Kg/cm ²)	Referência "TK"	Pressões de utilização (Kg/cm ²)	Referência "TZ"	Pressões de utilização (Kg/cm ²)	Referência "TWI"	Pressões de utilização (Kg/cm ²)	Referência "TI"	Pressões de utilização (Kg/cm ²)
04,0	02,0	1,0	TN040020	0 a 500	TK040020	0 a 390	TZ040020	0 a 280	-	-	-	-
05,0	03,0	1,0	TN050030	0 a 400	TK050030	0 a 297	TZ050030	0 a 214	-	-	-	-
06,0	03,0	1,5	TN060030	0 a 500	-	-	-	-	-	-	-	-
06,0	04,0	1,0	TN060040	0 a 333	TK060040	0 a 240	TZ060040	0 a 172	TWI060040	0 a 290	TI060040	0 a 390
06,4	03,4	1,5	TN064034	0 a 468	-	-	-	-	-	-	-	-
06,4	04,2	1,1	TN064042	0 a 343	TK064042	0 a 249	TZ064042	0 a 179	-	-	-	-
06,4	04,4	1,0	-	-	-	-	-	-	TWI064044	0 a 270	-	-
06,4	-	0,89	-	-	-	-	-	-	-	-	TI064045	0 a 320
08,0	05,0	1,5	TN080050	0 a 375	TK080050	0 a 275	-	-	TWI080050	0 a 330	TI080050	0 a 440
08,0	06,0	1,0	TN080060	0 a 250	TK080060	0 a 173	TZ080060	0 a 124	TWI080060	0 a 220	TI080060	0 a 280
09,5	05,5	2,0	TN095055	0 a 421	-	-	-	-	-	-	-	-
09,5	06,3	1,6	TN095063	0 a 336	TK095063	0 a 243	-	-	-	-	-	-
09,5	07,5	1,0	-	-	TK095075	0 a 143	TZ095075	0 a 102	TWI095075	0 a 180	-	-
09,5	-	0,89	-	-	-	-	-	-	-	-	TI095077	0 a 200
10,0	06,0	2,0	TN100060	0 a 400	-	-	-	-	TWI100060	0 a 350	TI100060	0 a 470
10,0	06,4	1,8	-	-	TK100064	0 a 262	-	-	-	-	-	-
10,0	07,0	1,5	TN100070	0 a 300	-	-	-	-	TWI100070	0 a 260	TI100070	0 a 340
10,0	08,0	1,0	-	-	TK100080	0 a 135	TZ100080	0 a 97	TWI100080	0 a 180	TI100080	0 a 220
12,0	08,0	2,0	TN120080	0 a 333	-	-	-	-	-	-	-	-
12,0	08,4	1,8	-	-	TK120084	0 a 213	-	-	-	-	-	-
12,0	09,0	1,5	TN120090	0 a 250	-	-	-	-	TWI120090	0 a 220	TI120090	0 a 280
12,0	09,5	1,25	-	-	-	-	-	-	TWI120095	0 a 180	-	-
12,0	10,0	1,0	-	-	TK120100	0 a 111	TZ120100	0 a 80	TWI120100	0 a 140	TI120100	0 a 180
12,7	08,7	2,0	TN127087	0 a 314	-	-	-	-	TWI127087	0 a 270	-	-
12,7	09,1	1,8	-	-	TK127091	0 a 199	-	-	-	-	-	-
12,7	09,7	1,5	TN127097	0 a 236	-	-	-	-	TWI127097	0 a 200	-	-
12,7	-	1,24	-	-	-	-	-	-	-	-	TI127102	0 a 215
12,7	10,7	1,0	-	-	TK127107	0 a 105	TZ127107	0 a 75	TWI127107	0 a 140	-	-
14,0	10,0	2,0	TN140100	0 a 285	TK140100	0 a 201	-	-	-	-	-	-
14,0	11,0	1,5	TN140110	0 a 214	-	-	-	-	TWI140110	0 a 190	TI140110	0 a 240
14,0	12,0	1,0	-	-	TK140120	0 a 94	TZ140120	0 a 67	TWI140120	0 a 125	TI140120	0 a 155
15,0	11,0	2,0	TN150110	0 a 266	TK150110	0 a 186	-	-	-	-	-	-
15,0	12,0	1,5	TN150120	0 a 200	-	-	-	-	-	-	-	-
15,0	13,0	1,0	-	-	TK150130	0 a 88	TZ150130	0 a 63	-	-	-	-
16,0	11,0	2,5	TN160110	0 a 312	-	-	-	-	-	-	-	-
16,0	11,6	2,2	-	-	TK160116	0 a 193	-	-	-	-	-	-
16,0	12,5	1,75	-	-	-	-	-	-	TWI160125	0 a 190	-	-
16,0	13,0	1,5	TN160130	0 a 187	-	-	-	-	TWI160130	0 a 165	TI160130	0 a 210
16,0	13,6	1,2	-	-	TK160136	0 a 99	TZ160136	0 a 71	TWI160136	0 a 130	TI160136	0 a 160
18,0	13,0	2,5	TN180130	0 a 277	-	-	-	-	-	-	-	-
18,0	13,6	2,2	-	-	TK180136	0 a 169	-	-	-	-	-	-
18,0	15,0	1,5	TN180150	0 a 166	-	-	-	-	TWI180150	0 a 140	TI180150	0 a 180
18,0	15,6	1,2	-	-	TK180156	0 a 88	TZ180156	0 a 63	TWI180156	0 a 120	-	-
19,0	14,0	2,5	TN190140	0 a 263	TK190140	0 a 183	-	-	-	-	-	-
19,0	16,0	1,5	TN190160	0 a 157	-	-	-	-	TWI190160	0 a 140	-	-
19,0	16,6	1,2	-	0 a 157	TK190166	0 a 83	TZ190166	0 a 59	TWI190166	0 a 110	TI190166	0 a 135
20,0	14,0	3,0	TN200140	0 a 300	-	-	-	-	TWI200140	0 a 260	TI200140	0 a 345
20,0	15,0	2,5	-	-	TK200150	0 a 173	-	-	-	-	-	-
20,0	16,0	2,0	TN200160	0 a 200	-	-	-	-	TWI200160	0 a 180	TI200160	0 a 220
20,0	17,0	1,5	-	-	TK200170	0 a 99	TZ200170	0 a 71	TWI200170	0 a 130	TI200170	0 a 160
22,0	17,0	2,5	TN220170	0 a 227	TK220170	0 a 156	-	-	-	-	-	-
22,0	18,0	2,0	TN220180	0 a 181	-	-	-	-	TWI220180	0 a 160	TI220180	0 a 200
22,0	19,0	1,5	-	-	TK220190	0 a 90	TZ220190	0 a 64	TWI220190	0 a 120	TI220190	0 a 150
25,0	17,5	3,75	TN250175	0 a 300	-	-	-	-	-	-	-	-
25,0	19,0	3,0	TN250190	0 a 240	TK250190	0 a 165	-	-	TWI250190	0 a 210	TI250190	0 a 270
25,0	21,0	2,0	TN250210	0 a 160	-	-	-	-	TWI250210	0 a 140	TI250210	0 a 175
25,0	22,0	1,5	-	-	TK250220	0 a 78	TZ250220	0 a 56	TWI250220	0 a 100	-	-
25,4	19,4	3,0	TN254194	0 a 236	TK254194	0 a 163	-	-	TWI254194	0 a 200	-	-
25,4	21,4	2,0	TN254214	0 a 157	-	-	-	-	TWI254214	0 a 130	-	-
25,4	22,4	1,5	-	-	TK254224	0 a 77	TZ254224	0 a 54	TWI254224	0 a 100	-	-
28,0	22,0	3,0	TN280220	0 a 214	TK280220	0 a 146	-	-	-	-	-	-
28,0	24,0	2,0	TN280240	0 a 142	-	-	-	-	-	-	-	-
28,0	25,0	1,5	-	-	TK280250	0 a 69	TZ280250	0 a 49	-	-	-	-
30,0	24,0	3,0	TN300240	0 a 200	TK300240	0 a 135	-	-	-	-	-	-
30,0	25,0	2,5	TN300250	0 a 166	-	-	-	-	-	-	-	-
30,0	27,0	1,5	-	-	TK300270	0 a 65	TZ300270	0 a 46	-	-	-	-
32,0	24,0	4,0	TN320240	0 a 250	-	-	-	-	-	-	-	-
32,0	26,0	3,0	-	-	TK320260	0 a 126	-	-	-	-	-	-
32,0	27,0	2,5	TN320270	0 a 156	-	-	-	-	-	-	-	-
32,0	29,0	1,5	-	-	TK320290	0 a 60	TZ320290	0 a 43	-	-	-	-
35,0	27,0	4,0	TN350270	0 a 228	-	-	-	-	-	-	-	-
35,0	29,0	3,0	-	-	TK350290	0 a 115	-	-	-	-	-	-
35,0	30,0	2,5	TN350300	0 a 142	-	-	-	-	-	-	-	-
35,0	32,0	1,5	-	-	TK350320	0 a 55	TZ350320	0 a 39	-	-	-	-
38,0	30,0	4,0	TN380300	0 a 210	-	-	-	-	-	-	-	-
38,0	32,0	3,0	TN380320	0 a 157	TK380320	0 a 105	-	-	-	-	-	-
38,0	35,0	1,5	-	-	TK380350	0 a 50	TZ380350	0 a 36	-	-	-	-
42,0	34,0	4,0	TN420340	0 a 190	-	-	-	-	-	-	-	-
42,0	36,0	3,0	-	-	TK420360	0 a 94	-	-	-	-	-	-
42,0	38,0	2,0	TN420380	0 a 95	-	-	-	-	-	-	-	-
42,0	39,0	1,5	-	0 a 250	TK420390	0 a 45	TZ420390	0 a 32	-	-	-	-
50,0	38,0	6,0	TN500380	0 a 250	-	-	-	-	-	-	-	-
65,0	50,0	7,5	TN650500	0 a 250	-	-	-	-	-	-	-	-
80,0	60,0	10,0	TN800600	0 a 250	-	-	-	-	-	-	-	-

REFERÊNCIAS

Aço - "TN" - Cobre - "TK" - Cobre Recozido - "TZ" - Inox com costura - "TWI" - Inox sem costura - "TI"

EXEMPLOS DE ESPECIFICAÇÃO

4m TN 160 130
 Quantidade (metros) •
 Referência tubo de aço •
 Diam. ext. do tubo (mm) 16,0 •
 Diam. int. do tubo (mm) 13,0 •

4m TK 150 120
 Quantidade (metros) •
 Referência tubo de cobre •
 Diam. ext. do tubo (mm) 15,0 •
 Diam. int. do tubo (mm) 12,0 •

12m TZ 120 100
 Quantidade (metros) •
 Tubo de cobre recozido •
 Diam. ext. do tubo (mm) 12,0 •
 Diam. int. do tubo (mm) 10,0 •

6m TWI 160 125
 Quantidade (metros) •
 Tubo de aço inox trefilado c/ costura •
 Diam. ext. do tubo (mm) 16,0 •
 Diam. int. do tubo (mm) 12,5 •

OBS.: Fornecemos em barras, cujos os comprimentos variam de 3 a 6 metros. As máximas pressões de utilização indicadas referem-se a resistência à tração do material e a um coeficiente de segurança igual a quatro (4).

PODEMOS FORNECER:

- Tubos de aço inoxidável trefilado sem costura.
- Outros diâmetros, favor consultar.