



# Soluzioni Piping

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## **TUBI ACCIAIO INOX SENZA SALDATURA** **Seamless Stainless Steel Pipes**

Gradi TP304/304L, 304H, TP316/316L, 316TI, TP321/321H, 904L, 254SMO, S31803, S32750  
 Misure da 1/4" a 12"  
 Spessori SCH10S, 40S, 80S, 160S, XXS  
 Specifiche ASTM/ASME A/SA 312

Degrees TP304/304L, 304H, TP316/316L, 316TI, TP321/321H, 904L, 254SMO, S31803, S32750

Size (inches) from 1/4" to 12"  
 Thickness SCH10S, 40S, 80S, 160S, XXS  
 Specifications ASTM/ASME A/SA 312

<b>Ø NOMINALE Nominal Ø</b>	<b>DIMENSIONI Size</b>	<b>SCHEDULA Schedule</b>	<b>SPESSORE Thickness</b>	<b>PESO KG/MT Weight</b>
1/4	13,70	10S	1,65	0,49
		40S	2,24	0,63
		80S	3,02	0,80
3/8	17,15	10S	1,65	0,63
		40S	2,31	0,85
		80S	3,20	1,10
1/2	21,34	10S	2,11	1,00
		40S	2,77	1,27
		80S	3,73	1,62
		160S	4,78	1,95
		XXS	7,47	2,55
3/4	26,67	10S	2,11	1,28
		40S	2,87	1,68
		80S	3,91	2,19
		160S	5,56	2,89
1	33,40	10S	2,77	2,09
		40S	3,38	2,50
		80S	4,55	3,24
		160S	6,35	4,24
1 1/4	42,16	10S	2,77	2,69
		40S	3,56	3,39

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<b>Ø NOMINALE</b> <b>Nominal Ø</b>	<b>DIMENSIONI Size</b>	<b>SCHEDULE</b> <b>Schedule</b>	<b>SPESSORE</b> <b>Thickness</b>	<b>PESO KG/MT</b> <b>Weight</b>
		80S	4,85	4,46
		160S	6,35	5,61
1 1/2	48,26	10S	2,77	3,11
		40S	3,68	4,05
		80S	5,08	5,41
		160S	7,14	7,24
2	60,33	10S	2,77	3,93
		40S	3,91	5,44
		80S	5,54	7,49
		160S	8,74	11,12
		XXS	11,07	13,45
2 1/2	73,03	10S	3,05	5,26
		40S	5,16	8,64
		80S	7,01	11,41
		160S	9,53	14,92
3	88,90	10S	3,05	6,46
		40S	5,49	11,29
		80S	7,62	15,27
		160S	11,13	21,35
3 1/2	101,60	40S	5,74	13,57
		80S	8,08	18,63

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4	114,30	10S	3,05	8,37
		40S	6,02	16,07
		80S	8,56	22,32
		160S	13,49	33,54
5	141,30	10S	3,40	11,56
		40S	6,55	21,77
		80S	9,52	30,94
		160S	15,88	49,11
6	168,30	10S	3,40	13,83
		40S	7,11	28,26
		80S	10,97	42,56
		160S	18,26	67,56
8	219,10	10S	3,76	19,97
		40S	8,18	42,55
		80S	12,70	64,64
		160S	23,01	111,27
10	273,03	10S	4,19	27,78
		40S	9,27	60,30
		XS	12,70	81,53
		80S	15,09	95,98
12	323,90	10S	4,57	35,99
		40S	9,52	73,80
		XS	12,70	97,46
		80S	17,48	110,16

## **TUBI ACCIAIO INOX STRUMENTALI** **Austenitic Seamless Stainless Steel Tubing**

Gradi TP304/304L, 304H, TP316/316L, 316TI, 317/317L, 321/321H, 904L, 254SMO S31803, S32750  
 Misure da mm 6,00 a mm 25,40  
 Spessori da mm 1,00 a mm 3,00  
 Specifiche ASTM/ASME A/SA 213 / A 269 / EN10216-5

Degrees TP304/304L, 304H, TP316/316L, 316TI, 317/317L, 321/321H, 904L, 254SMO S31803, S32750  
 Size from mm 6,00 to mm 25,40  
 Thickness from mm 1,00 to mm 3,00  
 Specifications ASTM/ASME A/SA 213 / A 269 / EN10216-5

<b>Ø ESTERNO X SPESSORE IN MM o.d. x thickness</b>	<b>Ø INTERNO IN MM Internal Ø</b>	<b>DIMENSIONI IN POLLICI Size (inches)</b>	<b>SPESSORE BWG n° Thickness</b>	<b>SPESSORE SWG n° Thickness</b>	<b>PESO KG/MT Weight</b>
6,00 x 1,00	4,00				0,125
6,00 x 1,50	3,00				0,166
6,00 x 2,00	2,00				0,197
6,35 x 0,71	4,93	1/4" x 0,028"	22	22	0,099
6,35 x 0,89	4,57	1/4" x 0,035"	20		0,120
6,35 x 1,24	3,87	1/4" x 0,049"	18		0,156
6,35 x 1,65	3,05	1/4" x 0,065"	16		0,191
6,35 x 2,03	2,29	1/4" x 0,080"		14	0,216
8,00 x 1,00	6,00				0,173
8,00 x 1,50	5,00				0,240
9,53 x 0,89	7,75	3/8" x 0,035"	20		0,190
9,53 x 1,24	7,05	3/8" x 0,049"	18		0,253
9,53 x 1,65	6,23	3/8" x 0,065"	16		0,321
10,00 x 0,50	9,00				0,117
10,00 x 1,00	8,00				0,222
10,00 x 1,50	7,00				0,314
10,00 x 2,00	6,00				0,395
10,00 x 2,50	5,00				0,462
12,00 X 1,00	10,00				0,271
12,00 X 1,50	9,00				0,388
12,00 X 2,00	8,00				0,493

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Misure da mm 6,00 a mm 25,40

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Degrees TP304/304L, 304H, TP316/316L, 316TI, 317/317L, 321/321H, S31803, S32750

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<b>Ø ESTERNO X SPESSORE IN MM o.d. x thickness</b>	<b>Ø INTERNO IN MM Internal Ø</b>	<b>DIMENSIONI IN POLLICI Size (inches)</b>	<b>SPESSORE BWG n° Thickness</b>	<b>SPESSORE SWG n° Thickness</b>	<b>PESO KG/MT Weight</b>
12,70 x 0,89	10,92	1/2" x 0,035"	20		0,259
12,70 x 1,24	10,22	1/2" x 0,049"	18		0,350
12,70 x 1,65	9,40	1/2" x 0,065"	16		0,450
12,70 x 2,03	8,64	1/2" x 0,080"	14		0,534
12,70 x 2,11	8,48	1/2" x 0,083"	14		0,551
14,00 x 1,00	12,00				0,321
14,00 x 2,00	10,00				0,592
15,00 x 0,50	14,00				0,179
15,00 x 1,00	13,00				0,345
15,00 x 1,50	12,00				0,499
15,00 x 2,00	11,00				0,641
15,88 x 1,24	13,40	5/8" x 0,049"	18		0,448
16,00 x 1,00	14,00				0,370
16,00 x 1,50	13,00				0,536
16,00 x 2,00	12,00				0,690
16,00 x 2,50	11,00				0,832
18,00 x 1,00	16,00				0,419
18,00 x 1,50	15,00				0,610
18,00 x 2,00	14,00				0,789
18,00 x 3,00	12,00				1,110

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<b>Ø ESTERNO X SPESSORE IN MM o.d. x thickness</b>	<b>Ø INTERNO IN MM Internal Ø</b>	<b>DIMENSIONI IN POLLICI Size (inches)</b>	<b>SPESSORE BWG n° Thickness</b>	<b>SPESSORE SWG n° Thickness</b>	<b>PESO KG/MT Weight</b>
19,05 x 0,89	17,27	3/4" x 0,035"	20		0,399
19,05 x 1,24	16,57	3/4" x 0,049"	18		0,545
19,05 x 1,65	15,75	3/4" x 0,065"	16		0,708
19,05 x 2,03	14,99	3/4" x 0,080"	14		0,852
19,05 x 2,11	14,83	3/4" x 0,083"	14		0,881
19,05 x 2,77	13,51	3/4" x 0,109"	12		1,112
20,00 x 1,00	18,00				0,469
20,00 x 1,50	17,00				0,684
20,00 x 2,00	16,00				0,888
20,00 x 2,50	15,00				1,079
22,00 x 1,00	20,00				0,518
22,00 x 1,50	19,00				0,758
22,00 x 2,00	18,00				0,986
23,00 x 1,50	20,00				0,795
24,00 x 2,00	20,00				1,085
25,00 x 1,00	23,00				0,592
25,00 x 2,00	21,00				1,134
25,00 x 2,50	20,00				1,387
25,00 x 3,00	19,00				1,628
25,40 x 1,65	22,10	1" x 0,065"	16		0,966
25,40 x 2,11	21,18	1" x 0,083"	14		1,212

## PRESSIONI MASSIME IN BAR Maximum Pressure in bar

Ø ESTERNO X SP. o.d. x thickness	20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
6,00 x 1,00	418	352	369	335	312	289	275	264
6,00 x 1,50	627	528	582	528	492	456	434	416
6,00 x 2,00	894	743	1070	977	902	840	803	778
6,35 x 0,71	300	249	257	234	216	201	192	187
6,35 x 0,89	352	296	302	274	255	237	226	216
6,35 x 1,24	490	412	445	404	376	349	332	319
6,35 x 1,65	697	579	737	673	521	578	553	535
6,35 x 2,03	858	712	1200	914	845	786	751	728
8,00 x 1,00	314	264	265	241	224	208	198	190
8,00 x 1,50	470	396	424	385	359	332	317	304
9,53 x 0,89	234	197	192	174	163	151	144	138
9,53 x 1,24	326	275	278	252	235	218	207	199
9,53 x 1,65	434	366	386	350	326	302	288	276
10,00 x 0,50	134	111	106	97	90	83	80	77
10,00 x 1,00	251	211	207	188	175	162	155	148
10,00 x 1,50	376	317	326	296	276	256	244	234
10,00 x 2,00	502	422	458	416	387	359	342	328
10,00 x 2,50	671	557	698	637	588	548	523	507
12,00 X 1,00	209	176	170	154	144	133	127	122
12,00 X 1,50	314	264	265	241	224	208	198	190



## PRESSIONI MASSIME IN BAR Maximum Pressure in bar

Ø ESTERNO X SP. o.d. x thickness	20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
12,00 X 2,00	418	352	369	335	312	289	275	264
12,70 x 0,89	176	148	141	128	119	111	105	101
12,70 x 1,24	245	206	202	183	171	158	151	144
12,70 x 1,65	326	274	277	251	234	217	207	198
12,70 x 2,03	429	391	357	356	330	307	293	284
12,70 x 3,18	672	638	625	600	590	549	525	508
14,00 x 1,00	179	151	144	131	122	113	108	103
14,00 x 2,00	358	302	309	280	261	242	230	221
15,00 x 1,00	167	141	134	121	113	105	100	96
15,00 x 1,50	251	211	207	188	175	162	155	148
15,00 x 2,00	334	282	285	259	241	224	213	204
15,88 x 1,24	196	165	158	144	134	124	118	113
16,00 x 1,00	157	132	125	113	106	98	93	89
16,00 x 1,50	235	198	193	175	163	151	144	138
16,00 x 2,00	314	264	265	241	224	208	198	190
16,00 x 2,50	392	330	342	310	289	268	256	245
18,00 x 1,00	139	117	110	100	93	87	82	79
18,00 x 1,50	209	176	170	154	144	133	127	122
18,00 x 2,00	279	235	233	211	197	182	174	167
18,00 x 3,00	418	352	369	335	312	289	275	264

## PRESSIONI MASSIME IN BAR Maximum Pressure in bar

Ø ESTERNO X SP. o.d. x thickness	20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
19,05 x 0,89	125	104	99	90	83	78	74	72
19,05 x 0,91	128	106	101	92	85	80	76	74
19,05 x 1,24	163	137	130	118	110	102	97	93
19,05 x 1,65	217	183	177	161	150	139	132	127
19,05 x 2,03	286	237	234	222	205	191	182	177
19,05 x 2,11	278	234	232	210	196	182	173	166
20,00 x 1,00	125	106	99	90	84	77	74	71
20,00 x 1,50	188	158	152	138	128	119	113	109
20,00 x 2,00	251	211	207	188	175	162	155	148
20,00 x 2,50	314	264	265	241	224	208	198	190
22,00 x 1,00	114	96	89	81	76	70	67	64
22,00 x 1,50	171	144	137	124	116	107	102	98
22,00 x 2,00	228	192	187	169	158	146	139	134
23,00 x 1,50	164	138	131	119	111	102	98	94
24,00 x 2,00	224	186	185	168	156	145	138	134
25,00 x 1,00	107	89	84	77	71	66	63	61
25,00 x 2,00	201	169	163	148	137	127	121	116
25,00 x 2,50	251	211	207	188	175	162	155	148
25,00 x 3,00	301	253	253	230	214	199	189	181
25,40 x 1,65	163	137	130	118	110	102	97	93
25,40 x 2,11	208	175	169	154	143	133	126	121

## Quality

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# **S**oluzioni Piping

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