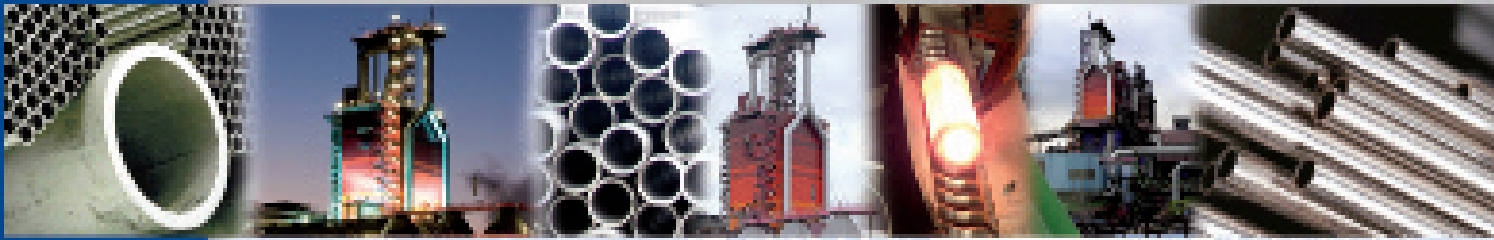


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EXTENSION OF STOCK RANGE

## Seamless Heat Resistant Austenitic Stainless Steel Tubes Grade **TP310S / 1.4845**

- ▶ We have extended our stock programme for you:  
Seamless austenitic heat resistant stainless steel tubes of material TP310S / 310H / 1.4845 available from stock (see reverse)
- ▶ TP310S has very good resistance to oxidation and sulphidation. It can be used in air up to 1.050 °C and in sulphur-containing atmospheres up to 650 – 1.050 °C, depending on service conditions
- ▶ Main applications
  - furnace tubes
  - heat exchangers
  - muffle tubes in continuous annealing furnace
  - radiant tubes
  - tube hangers in petroleum refining and steam boilers
  - burners

### Chemical composition (heat analysis in %) X12CrNi25-21 / TP310S / TP310H / 1.4845

C	Si	Mn	P	S	Cr	Ni	Mo
0,04-0,08	≤0,75	≤2	≤0,045	≤0,03	24-26	19-22	≤0,75

### Mechanical properties at room temperature

tensile strength N/mm <sup>2</sup>	yield strength 0,2% N/mm <sup>2</sup>	elongation at fract. longit. (L <sub>0</sub> =5 d <sub>0</sub> ) %	hardness HB
515-750	min. 210	min. 35	max. 192

# Special grade TP310S / TP310H / 1.4845

► Seamless heat resistant stainless steel tubes and pipes  
**available from stock**

OD mm	wall mm	ANSI	weight kg/m
13,72	2,24	1/4" SCH 40S	0,644
17,15	2,31	3/8" SCH 40S	0,858
21,34	2,77	1/2" SCH 40S	1,288
21,34	3,73	1/2" SCH 80S	1,645
26,67	2,87	3/4" SCH 40S	1,710
26,67	3,91	3/4" SCH 80S	2,228
33,40	3,38	1" SCH 40S	2,541
33,40	4,55	1" SCH 80S	3,287
42,16	3,56	1.1/4" SCH 40S	3,441
42,16	4,85	1.1/4" SCH 80S	4,531
48,26	3,68	1.1/2" SCH 40S	4,108
48,26	5,08	1.1/2" SCH 80S	5,493
60,33	3,91	2" SCH 40S	5,524
60,33	5,54	2" SCH 80S	7,601
73,03	5,16	2.1/2" SCH 40S	8,769
73,03	7,01	2.1/2" SCH 80S	11,589
88,90	5,49	3" SCH 40S	11,466
88,90	7,62	3" SCH 80S	15,509
114,30	6,02	4" SCH 40S	16,322
114,30	8,56	4" SCH 80S	22,665
141,30	6,55	5" SCH 40S	22,101
141,30	9,53	5" SCH 80S	31,444
168,30	7,11	6" SCH 40S	28,697
168,30	10,97	6" SCH 80S	43,217
219,10	8,18	8" SCH 40S	43,202
219,10	12,7	8" SCH 80S	65,637

## Stock standard:

- ASTM/ASME A/SA 312
- SEW 470
- NACE MR 0175
- according to EN 10216-5
- Mill inspection certificate EN 10204/3.1

## Stahlkontor Hahn - Your Master Distributor

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STOCK RANGE Grade TP310S / 1.4845