

**KURZÜBERSICHT DER WERKSTOFFE /
BRIEF INFORMATION ON MATERIALS:**

Austenitische hitzebeständige Cr-Ni-Stähle /
Austenitic, heat-resistant Cr-Ni steels

CHEMISCHE ZUSAMMENSETZUNG /
LIST OF CHEMICAL ANALYSIS

WERKSTOFF / MATERIAL	%C	%SI	%MN	%P	%S	%CR	%NI	%TI	ZUNDERBESTÄNDIG AN LUFT BIS CA. / SCALING RESISTANCE UPON AIR EXPOSURE TO APPR.
1.4841	≤ 0,2	1,5 – 2,5	≤ 2,0	≤ 0,045	≤ 0,015	24 – 26	19 – 22		1150° C
1.4876	≤ 0,12	≤ 1,0	≤ 2,0	≤ 0,03	≤ 0,015	19 – 23	30 – 34	0,16 – 0,60	1100° C
1.4749	0,15 – 0,2	≤ 1,0	≤ 1,0	≤ 0,04	≤ 0,015	26 – 29			1100° C
1.4845	≤ 0,1	≤ 1,5	≤ 2,0	≤ 0,045	≤ 0,015	24 – 26	19 – 22		1050° C
1.4828	≤ 0,2	1,5 – 2,5	≤ 2,0	≤ 0,045	≤ 0,015	19 – 21	11 – 13		1000° C
1.4878	≤ 0,1	≤ 1,0	≤ 2,0	≤ 0,045	≤ 0,015	17 – 19	9 – 12		850° C

Bei Einsatzanforderungen an:

- gute Zunderbeständigkeit
- hohe mechanische Belastbarkeit
- hohe Warmfestigkeit

For the following application requirements:

- Good scaling resistance
- High mechanical stress resistance
- High thermal resistance

Für weitere Informationen kontaktieren Sie uns
oder besuchen unsere Homepage!

Please contact us directly or visit our homepage
if you need further information!

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Bestsortiertes Röhrenlager Österreichs!
Best sorted tube stock in Austria!

**Rohre, die für Sie durchs
Feuer gehen!**

ROHRE AUS HITZEBESTÄNDIGEN STÄHLEN

**For you our tubes will
go through fire!**

TUBES MADE OF HEAT-RESISTANT STEELS

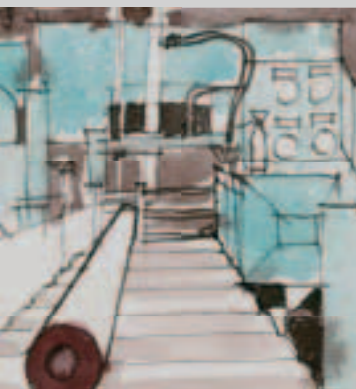
WWW.MERTL.COM

In den Werkstoffen /
Made of the materials

1.4749
1.4828
1.4841
1.4845
1.4876
1.4878

ab Lager /
ex warehouse

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NAHTLOSE UND GESCHWEISSTE ROHRE SOWIE NAHTLOSE ROHRBOGEN AUS HITZEBESTÄNDIGEN STÄHLEN IN UNSEREM LAGERPROGRAMM

(● = prompt ab Lager, Zwischenverkauf vorbehalten)

Abmessungen außerhalb unseres Lagerprogramms auf Anfrage.

SEAMLESS AND WELDED TUBES AND SEAMLESS TUBE ELBOWS MADE OF HEAT-RESISTANT STEELS, EX WAREHOUSE

(Dimensions marked „●“ are part of our standard range in stock, subject to prior sale)

Dimensions outside our standard range in stock available upon request.



AD / OD (mm)	WS / WALL (mm)	1.4841			1.4878	1.4828	1.4845	1.4876	1.4749
		ROHRE NAHTLOS / TUBES SEAMLESS	ROHRBOGEN NAHTLOS / TUBE ELBOWS SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS
6	1	●			●				
	1,5				●				
7	1				●				
	1,5	●			●				
8	1	●			●				
	1,5	●			●				
9	2,5	●							
	2,5	●							
10	1	●			●				
	1,5	●			●				
	2	●			●				
	2,5	●			●				
10,2	2	●							
11	2,5	●							
	2,5	●							
12	1	●			●				
	1,5	●			●				
	2	●			●				
	2,5	●							
	2,9	●							
13	1,5				●				
	2,3	●							
13,5	2,3	●							
	2,6	●							
13,72	2,24						●		
1/4"	SCH40								
	SCH40								
14	1				●				
	1,5	●			●				
	2	●			●				
	2,5							●	
	3				●				
15	1	●			●				
	1,5	●			●				
	2	●			●	●			
	2,5	●			●				
	3	●			●				
16	1				●				
	1,5	●			●				
	2	●			●				
	2,5				●				
	3				●				
17,15	2,31							●	
	SCH40								
3/8"	SCH40								
	1,8	●			●				
	2,3	●			●			●	
17,2	3,2	●							
	3,2	●							
	3,2	●							
18	1	●			●				
	1,5				●				
	2	●			●				
	4,5	●							
19	3	●							
	3	●							
20	1,5	●			●				
	2	●			●	●			
	2,5				●				
	3	●			●				
21,3	1,5	●							
	1,6				●				
	2	●			●	●			
	2,6	●			●				
	2,65		●		●				
	3,2				●			●	●

AD / OD (mm)	WS / WALL (mm)	1.4841			1.4878	1.4828	1.4845	1.4876	1.4749
		ROHRE NAHTLOS / TUBES SEAMLESS	ROHRBOGEN NAHTLOS / TUBE ELBOWS SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS
21,34 1/2"	2,77 SCH40S/STD						●		
	3,73 SCH80S/XS						●		
22	1,5				●				●
	2	●			●				
	2,5				●				
	3	●							
	3,5	●							
25	1,5	●			●				
	2	●			●	●			
	2,5				●				
	3				●				
	4	●			●				
25,4	2,9	●							
	26	1,5			●				
26,67 3/4"	2,87 SCH40S/STD						●		
	3,91 SCH80S/XS						●		
26,9	2,3	●			●				
	2,6	●	●		●				
	3					●			
	3,2	●			●				●
	3,25						●		
	27	4							
28	1,5	●			●				
	2				●				
	2,5				●				
	3,5	●							
30	1,5				●				
	2	●			●	●			
	2,5				●				
	2,6	●							
	3	●							
	4	●			●				
32	2				●				
	2,5				●				
	3	●							
	3,5				●				
33,4 1"	3,38 SCH40S/STD						●		
	4,55 SCH80S/XS						●		
33,7	2	●			●	●			
	2,5					●			
	2,6	●			●				
	3					●			
	3,2	●	●		●				
	3,25						●		●
	3,6	●			●				
	4	●							
34	2				●				
	4				●				
	5,5				●				
35	2				●				
	2,5				●				
	5	●							

AD / OD (mm)	WS / WALL (mm)	1.4841			1.4878	1.4828	1.4845	1.4876	1.4749
		ROHRE NAHTLOS / TUBES SEAMLESS	ROHRBOGEN NAHTLOS / TUBE ELBOWS SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS
38	2				●				
	2,6	●							
	3				●				
	3,2	●							
	4				●				
40	5	●			●				
	2					●			
	3					●			
42,16 1 1/4"	3,56 SCH40S/STD						●		
	4,85 SCH80S/XS						●		
42,4	2	●			●	●			
	2,5					●			
	2,6	●			●				
	3					●			
	3,2	●	●		●			●	●
	3,25							●	●
	4,05				●				
44	5	●							
	2				●				
	44,5	2			●				
	2,6	●			●				
	3,6	●							
45	5	●							
48,3	2					●			
	2,5					●			
	2,6	●			●				
	3					●			
	3,2	●	●						
	3,25						●	●	●
	4	●							
48,3 1 1/2"	3,68 SCH40S/STD						●		
	5,08 SCH80S/XS						●		
50	2				●				
	5	●							
51	2	●							
54	2					●			
57	2,6				●				
	2,9	●			●				
	3,6				●				
	4	●							
60,3	2				●	●			
	2,5	●				●			
	2,6				●				
	2,9	●	●		●				
	3					●			
	3,6	●	●		●				
	3,65						●	●	●
	4	●							
	5	●			●				
	8	●							
10	●								

AD / OD (mm)	WS / WALL (mm)	1.4841			1.4878	1.4828	1.4845	1.4876	1.4749
		ROHRE NAHTLOS / TUBES SEAMLESS	ROHRBOGEN NAHTLOS / TUBE ELBOWS SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS
60,33 2"	3,91 SCH40S/STD						●		
	5,54 SCH80S/XS						●		
	8,74 SCH160S				●				
63,5	3,6	●							
	5	●							
70	2					●			
	2,9	●							
	4	●							
	6	●							
73,03 2 1/2"	5,16 SCH40S/STD						●		
	7,01 SCH80S/XS						●		
76,1	2				●	●			
	2,5					●			
	2,9	●	●		●				
	3					●			
	3,2				●				
	3,6	●	●					●	
	3,65							●	●
	5	●							
	6,3				●				
	8	●							
82,5	4	●							
83	12	●							
88,9	2				●	●			
	3					●			
	3,2	●	●		●				
	3,6	●			●				
	4,05	●			●			●	●
	8	●							
	11	●							
88,9 3"	3,05 SCH10S				●				
	5,49 SCH40S/STD	●							
95	4	●							
101,6	3					●			
	4	●							
	5				●				
101,6 3 1/2"	5,74 SCH40S/STD	●							
	8,08 SCH80S/XS						●		
108	2,9				●				
	3,6				●				
	4	●			●				
	5	●							
114,3	3					●			
	3,6	●	●		●				
	8	●							
	8,56							●	
114,3 4"	3,05 SCH10S				●				
	6,02 SCH40S/STD							●	
127	4				●				
133	4	●			●				
	6,3				●				
	8	●							
	10	●							

AD / OD (mm)	WS / WALL (mm)	1.4841			1.4878	1.4828	1.4845	1.4876	1.4749
		ROHRE NAHTLOS / TUBES SEAMLESS	ROHRBOGEN NAHTLOS / TUBE ELBOWS SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE GESCHWEISST / TUBES WELDED	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS	ROHRE NAHTLOS / TUBES SEAMLESS
139,7	3					●			
	5	●				●			
	8	●							
141,3 5"	6,55 SCH40S						●		
	9,53 SCH80S						●		
150	10	●							
159	4,5	●				●			
	8	●							
	10	●							
168,3	3					●			
	4,5					●			
	5	●							
	10	●							
168,3 6"	7,1 SCH40S	●				●			
	10,97 SCH80S							●	
193,7	7,1	●							
219,1	6,3	●							
	10	●							
219,1 8"	12,7 SCH80S							●	
244,5	10	●							
273 10"	9,27 SCH40S					●			
	12,7 SCH80S					●			
323,9 12"	9,53 SCH40S					●			
	12,7 SCH80S					●			

