

stainless steel pipes valves flanges fittings couplings



Long products

Round tubes | Hollow bars | Profile tubes



Seamless tubes	4+5
Seamless precision tubes	6
Hollow bars	7
Welded tubes	8+9
Construction tubes	10+11
Food industry tubes	12
Tubes for drinking water according DVGW	12
Square tubes	13
Rectangular tubes	14+15
Tubes according ASTM/ANSI	16+17
Comparison of measures for pipe connections	18
Tolerances	18
Overview of old DIN versus new EN standards	19
Overview of further articles on our website	19



Latest news

Technical brochure for long products

Stocks and prices online

On our homepage, you will find all of the products in this brochure, together with the latest stock levels and prices in addition to you being able to download detailed datasheets in PDF form.

heco gmbh is a producer and reseller of stainless steel fittings and valves.

Our products are used in machine and plant manufacturing, as well as in the chemical and food industries. With multiple locations across Europe, we are close to you no matter where you are on the continent.

Remchingen - Berlin - Bielefeld - Frankfurt - Nuremberg
Warschau - Brno

basic data

measures and values

stocks and pricing

Seamless tubes



Short name	NR		
Description	Cold drawn or hot finished, annealed and pickled factory length 4 to 7 meters tol. acc. EN/ISO 1127 resp. EN 10305-1		
Material	1.4301	1.4541	1.4571

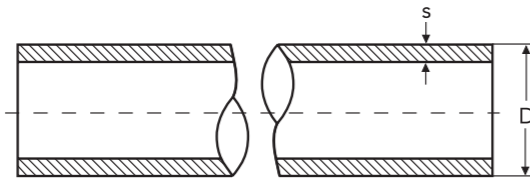
tolerances see page 18
more at www.heco.de/en

basic data

measures and values

stocks and pricing

Seamless tubes



D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
4,00 x 1,00	0,075	13,50 x 1,60	0,477	2,30	0,858	4,00	1,803
5,00 x 1,00	0,100	2,00	0,576	2,90	1,038	23,00 x 1,50	0,808
6,00 x 0,50	0,069	2,30	0,645	3,20	1,122	2,00	1,051
1,00	0,125	2,60	0,710	18,00 x 1,00	0,426	4,00	1,903
1,50	0,169	2,90	0,770	1,50	0,620	24,00 x 2,00	1,102
2,00	0,200	14,00 x 1,00	0,326	2,00	0,801	3,50	1,797
7,00 x 1,00	0,069	1,50	0,470	2,50	0,970	4,00	2,003
8,00 x 0,50	0,094	2,00	0,601	3,00	1,127	25,00 x 1,00	0,601
1,00	0,175	2,50	0,720	3,50	1,271	1,50	0,883
1,50	0,244	3,00	0,826	4,00	1,402	2,00	1,152
2,00	0,300	15,00 x 1,00	0,351	20,00 x 1,00	0,476	2,50	1,409
9,00 x 1,00	0,200	1,50	0,507	1,50	0,695	3,00	1,605
10,00 x 1,00	0,225	2,00	0,651	2,00	0,901	3,50	1,884
1,50	0,319	2,50	0,783	2,50	1,096	4,00	2,103
2,00	0,401	3,00	0,901	3,00	1,277	5,00	2,504
2,50	0,470	4,00	1,102	3,50	1,446	6,00	2,855
3,00	0,526	16,00 x 1,00	0,376	4,00	1,603	26,90 x 1,60	1,043
10,20 x 1,60	0,345	1,50	0,545	5,00	1,878	2,00	1,247
2,00	0,411	2,00	0,701	21,00 x 3,00	1,352	2,30	1,417
11,00 x 1,50	0,357	2,50	0,845	21,30 x 1,60	0,789	2,60	1,582
12,00 x 1,00	0,275	3,00	0,976	2,00	0,967	2,90	1,582
1,50	0,394	3,50	1,096	2,60	1,217	3,20	1,899
2,00	0,501	4,00	1,202	2,90	1,336	27,00 x 3,00	1,803
2,50	0,595	5,00	1,378	3,20	1,450	4,00	2,304
3,00	0,676	17,00 x 1,00	0,401	22,00 x 1,00	0,526	28,00 x 1,00	0,767
4,00	0,801	1,50	0,582	1,50	0,770	1,50	0,995
13,00 x 1,00	0,300	3,00	1,052	2,00	1,002	2,00	1,302
1,50	0,432	17,20 x 1,60	0,625	2,50	1,221	2,50	1,596
2,50	0,657	2,00	0,761	3,00	1,427	3,00	1,878

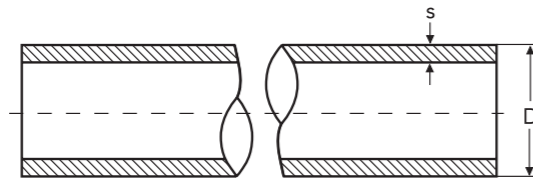
D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
3,50	2,117	3,00	2,779	54,00 x 2,00	2,604	5,00	9,390
4,00	2,403	4,00	3,606	55,00 x 2,50	3,287	82,50 x 3,60	7,112
5,00	2,880	5,00	4,382	5,00	6,260	85,00 x 2,50	5,165
30,00 x 1,00	0,726	42,00 x 2,00	2,003	57,00 x 2,00	2,754	88,90 x 2,00	4,352
1,50	1,070	3,00	2,930	2,60	3,542	2,30	4,987
2,00	1,402	6,00	5,409	2,90	3,929	2,60	5,409
2,50	1,721	42,40 x 1,60	1,635	3,50	4,689	2,90	6,245
2,60	1,784	2,00	2,023	4,00	5,308	90,00 x 5,00	10,642
3,00	2,028	2,60	2,591	4,50	5,916	97,00 x 4,00	9,315
3,50	2,320	2,90	2,868	5,00	6,510	100,00 x 3,00	7,287
4,00	2,604	3,20	3,141	6,50	8,219	5,00	11,894
5,00	3,130	3,60	3,498	60,30 x 1,60	2,352	101,60 x 3,60	8,834
32,00 x 1,50	1,146	4,05	3,889	2,00	2,920	4,05	9,893
2,00	1,502	4,50	4,270	2,60	3,757	5,00	12,094
2,50	1,847	43,00 x 1,50	1,559	2,90	4,168	105,00 x 2,50	6,417
3,00	2,178	5,50	5,165	3,20	4,575	108,00 x 3,00	7,888
3,50	2,438	44,00 x 2,00	2,103	3,60	5,111	3,20	8,397
4,00	2,804	44,50 x 2,00	2,128	4,00	5,639	3,60	9,411
33,00 x 1,50	1,183	2,60	2,728	4,50	6,228	4,00	10,417
4,00	2,905	2,90	3,021	5,00	6,923	4,50	11,662
33,70 x 1,60	1,324	4,00	4,056	6,30	8,519	5,00	12,896
2,00	1,588	5,50	5,371	8,00	10,477	6,30	16,043
2,60	2,025	45,00 x 1,60	1,733	63,50 x 2,50	3,831	8,00	20,032
2,90	2,237	2,00	2,153	5,00	7,324	114,30 x 2,60	7,272
3,20	2,444	3,00	3,155	64,00 x 2,00	3,105	3,20	8,902
3,60	2,713	3,50	3,637	65,00 x 2,50	3,913	3,60	9,979
4,05	3,007	5,00	5,008	3,00	4,657	4,00	11,047
4,50	3,290	48,00 x 4,00	4,407	3,50	5,390	4,50	12,372
34,00 x 1,50	1,221	48,30 x 1,60	1,871	68,00 x 4,00	6,410	5,00	13,684
2,00	1,603	2,00	2,319	70,00 x 2,00	3,405	6,30	17,037
3,50	2,673	2,60	2,975	2,90	4,873	7,10	19,058
4,00	3,005	2,90	3,297	3,00	5,033	121,00 x 4,00	11,719
5,00	3,631	3,20	3,614	4,00	6,611	127,00 x 4,00	12,320
5,50	3,925	3,60	4,029	4,50	7,381	133,00 x 4,00	12,921
35,00 x 1,50	1,258	4,05	4,487	5,00	8,138	5,00	16,026
2,00	1,653	5,00	5,421	6,30	10,048	6,30	19,987
2,50	2,035	6,30	6,626	7,00	11,043	139,70 x 4,00	13,592
3,00	2,404	49,00 x 5,50	5,991	76,00 x 5,00	8,889	5,00	16,860
4,00	3,105	50,00 x 1,50	1,822	6,00	10,517	6,30	21,044
5,00	3,756	2,00	2,404	76,10 x 2,00	3,711	7,10	23,547
36,00 x 2,00	1,703	2,50	2,974	2,30	4,250	141,30 x 6,55	22,101
38,00 x 1,50	1,371	3,00	3,531	2,60	4,785	9,53	31,444
2,00	1,803	4,00	4,607	2,90	5,315	159,00 x 4,50	17,409
2,50	2,222	5,00	5,634	3,20	5,841	5,00	19,281
2,60	2,305	51,00 x 2,00	2,454	3,60	6,535	6,30	24,089
3,00	2,629	2,60	3,151	4,00	7,222	7,10	27,005
3,60	3,101	4,00	4,708	4,50	8,068	168,30 x 3,45	14,241
4,00	3,405	52,00 x 1,50	1,897	5,00	8,901	4,50	18,457
4,50	3,775	2,00	2,504	6,30	11,011	5,00	20,445
5,00	4,132	4,00	4,804	7,10	12,267	6,30	25,556
6,00	4,808	53,00 x 1,50	1,934	8,00	13,641	219,10 x 6,30	43,210
6,30	5,000	3,00	3,756	10,00	16,551	273,05 x 9,27	64,100
40,00 x 1,50	1,446	3,60	4,453	80,00 x 2,00	3,906	12,70	82,200
2,00	1,903	4,00	4,908	2,50	4,852	323,85 x 10,31	80,940
2,50	2,348	4,50	5,465	4,00	7,612	12,70	98,940

Seamless precision tubes



Short name	NR-P		
Description	EN 10305/1 (DIN 2391), FL 4 to 7 meters tol. EN ISO 1127 D4/T3 (DIN 2462) tolerances see page 18		
Material	1.4301	1.4541	1.4571 more at www.heco.de/en

Seamless precision tubes



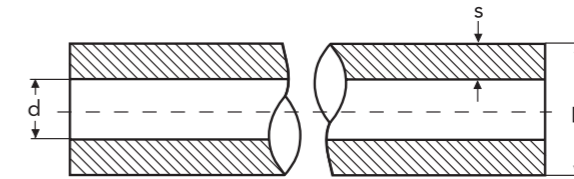
D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
6,00 x 1,00	0,125	14,00 x 1,00	0,326	2,50	0,970	3,00	2,404
1,50	0,169	1,50	0,470	3,00	1,127	38,00 x 2,00	1,803
2,00	0,200	2,00	0,601	3,50	1,271	2,50	2,222
7,00 x 1,00	0,069	2,50	0,720	4,00	1,402	3,00	2,629
8,00 x 1,00	0,175	3,00	0,826	20,00 x 1,00	0,476	4,00	3,405
1,50	0,244	15,00 x 1,00	0,351	1,50	0,695	5,00	4,132
2,00	0,300	1,50	0,507	2,00	0,901	42,00 x 2,00	2,003
9,00 x 1,00	0,200	2,00	0,651	2,50	1,096	3,00	2,930
10,00 x 1,00	0,225	2,50	0,783	3,00	1,277		
1,50	0,319	3,00	0,901	4,00	1,603		
2,00	0,401	4,00	1,102	22,00 x 1,00	0,526		
2,50	0,470	16,00 x 1,00	0,376	1,50	0,770		
3,00	0,526	1,50	0,545	2,00	1,002		
10,20 x 1,60	0,345	2,00	0,701	2,50	1,221		
2,00	0,411	2,50	0,845	25,00 x 1,00	0,601		
11,00 x 1,50	0,357	3,00	0,976	2,00	1,152		
12,00 x 1,00	0,275	3,50	1,096	2,50	1,409		
1,50	0,394	16,00 x 4,00	1,202	3,00	1,605		
2,00	0,501	5,00	1,378	4,00	2,103		
2,50	0,595	17,00 x 1,00	0,401	28,00 x 1,50	0,995		
3,00	0,676	1,50	0,582	2,00	1,302		
4,00	0,801	3,00	1,052	2,50	1,596		
13,00 x 1,00	0,300	17,20 x 1,60	0,625	3,00	1,878		
1,50	0,432	2,00	0,761	30,00 x 2,00	1,402		
2,50	0,657	2,30	0,858	2,50	1,721		
13,50 x 1,60	0,477	2,90	1,038	3,00	2,028		
2,00	0,576	3,20	1,122	4,00	2,604		
2,30	0,645	18,00 x 1,00	0,426	5,00	3,130		
2,60	0,710	1,50	0,620	35,00 x 2,00	1,653		
2,90	0,770	2,00	0,801	2,50	2,035		

Hollow bars



Short name	HS		
Description	Factory length 2 to 7 meters DIN 17456 / 17458, hot rolled, extruded, pickled		
Material	1.4301	1.4541	1.4571 more at www.heco.de/en

Hollow bars



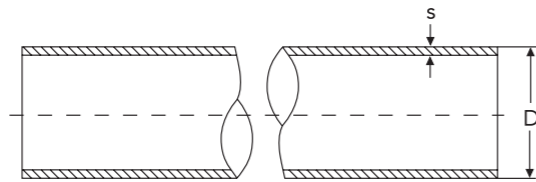
D x d (mm)	s	kg/m*	D x d (mm)	s	kg/m*	D x d (mm)	s	kg/m*	D x d (mm)	s	kg/m*
32 x 16	8,0	4,70	75 x 40	17,5	24,80	90	17,5	46,40	160	15,0	64,70
20	6,0	3,80	76 x 58	9,0	15,09	100	12,5	34,60	200 x 140	30,0	127,70
36 x 16	10,0	6,40	80 x 40	20,0	29,60	132 x 71	30,5	76,30	150	25,0	109,60
20	8,0	5,50	45	17,5	27,00	80	26,0	67,90	160	20,0	90,20
25	5,5	4,10	50	15,0	24,00	90	21,0	54,40	212 x 130	41,0	175,60
40 x 20	10,0	7,40	63	8,5	15,00	106	13,0	38,10	150	31,0	138,00
25	7,5	6,00	85 x 45	20,0	32,00	140 x 80	30,0	81,30	170	21,0	100,50
28	6,0	5,00	90 x 50	20,0	34,50	90	25,0	70,80	224 x 140	41,0	191,00
45 x 20	12,5	10,00	56	17,0	30,60	100	20,0	59,10	180	22,0	111,30
25	10,0	8,90	63	13,5	25,50	112	14,0	43,50	236 x 150	43,0	207,80
28	8,5	7,60	71	9,5	18,80	150 x 80	35,0	99,20	190	23,0	122,70
32	6,5	6,20	95 x 50	22,5	40,90	95	27,5	84,35	240 x 170	35,0	177,00
50 x 25	12,5	11,60	100 x 56	22,0	42,30	106	22,0	69,40	250 x 200	25,0	140,90
32	9,0	9,10	63	18,5	37,20	125	12,5	42,30			
36	7,0	7,40	71	14,5	30,60	160 x 90	35,0	109,55			
56 x 28	14,0	14,50	80	10,0	22,20	112	24,0	80,40			
36	10,0	11,30	106 x 56	25,0	49,90	122	19,0	67,10			
40	8,0	9,50	63	21,5	44,80	132	14,0	50,50			
60 x 40	10,0	12,30	71	17,5	38,20	170 x 106	32,0	110,60			
44	8,0	10,40	80	13,0	29,80	118	26,0	92,20			
63 x 32	15,5	18,10	112 x 63	24,5	52,80	130	20,0	73,90			
36	13,5	16,50	71	20,5	46,20	140	15,0	57,30			
40	11,5	14,60	80	16,0	37,80	180 x 125	27,5	103,30			
45	9,0	12,00	90	11,0	27,40	130	25,0	97,03			
50	6,5	9,10	118 x 63	27,5	61,30	150	15,0	61,00			
70 x 50	10,0	15,02	71	23,5	54,70	190 x 106	42,0	155,65			
71 x 36	17,5	23,10	80	19,0	46,30	123	33,5	129,30			
40	15,5	21,20	90	14,0	35,90	132	29,0	115,00			
45	13,0	18,60	125 x 71	27,0	65,20	140	25,0	107,70			
56	7,50	11,70	80	22,5	56,80	150	20,0	83,80			

Welded tubes



Short name	RO			
Description	Factory length 6 meters welded tube EN 10217-7 tolerance acc. to EN 1127 D3/T3			
Material	1.4301	1.4541	1.4571	1.4828

Welded tubes



D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
3,00 x 0,50	0,031	2,00	0,901	2,60	2,025	3,60	4,029
4,00 x 0,50	0,043	21,30 x 1,60	0,789	3,20	2,444	50,00 x 1,50	1,822
6,00 x 1,00	0,125	2,00	0,967	34,00 x 1,00	0,826	2,00	2,404
8,00 x 1,00	0,175	2,60	1,217	1,50	1,221	50,80 x 1,50	1,852
1,50	0,244	22,00 x 1,00	0,526	35,00 x 1,50	1,258	51,00 x 2,00	2,454
10,00 x 1,00	0,225	1,50	0,770	2,00	1,653	2,60	3,151
1,50	0,319	2,00	1,002	2,50	2,035	52,00 x 1,00	1,277
12,00 x 1,00	0,275	23,00 x 1,50	0,808	36,00 x 2,00	1,703	1,50	1,897
1,50	0,394	24,00 x 2,00	1,102	38,00 x 1,00	0,926	2,00	2,504
13,00 x 1,00	0,300	25,00 x 1,00	0,601	1,50	1,371	53,00 x 1,50	1,934
1,50	0,432	1,50	0,883	2,00	1,803	54,00 x 2,00	2,604
14,00 x 1,00	0,326	2,00	1,152	2,60	2,305	57,00 x 2,90	3,928
1,50	0,470	2,50	1,409	40,00 x 1,00	0,977	60,30 x 1,60	2,352
2,00	0,601	26,90 x 1,60	1,014	1,50	1,446	2,00	2,920
15,00 x 1,00	0,351	2,00	1,247	2,00	1,903	2,30	3,340
1,50	0,507	2,60	1,582	3,00	2,779	2,60	3,757
2,00	0,651	28,00 x 1,00	0,676	42,40 x 1,60	1,635	2,90	4,168
16,00 x 1,00	0,376	1,50	0,995	2,00	2,023	3,20	4,575
1,50	0,545	2,00	1,302	2,60	2,591	3,60	5,111
2,00	0,701	30,00 x 1,00	0,726	3,20	3,141	4,00	5,639
17,00 x 1,00	0,401	1,50	1,070	3,60	3,498	63,50 x 1,60	2,480
17,20 x 1,60	0,625	2,00	1,402	43,00 x 1,50	1,559	2,60	3,819
2,00	0,761	2,50	1,722	44,50 x 1,50	1,615	64,00 x 2,00	3,105
2,30	0,858	3,00	2,028	2,00	2,128	69,00 x 2,00	3,355
18,00 x 1,00	0,426	32,00 x 1,50	1,146	2,60	2,728	70,00 x 2,00	3,405
1,50	0,620	2,00	1,502	48,30 x 1,60	1,871	2,90	4,873
2,00	0,801	33,00 x 1,50	1,183	2,00	2,319	73,00 x 1,50	2,686
20,00 x 1,00	0,476	33,70 x 1,60	1,286	2,60	2,975	76,10 x 2,00	3,711
1,50	0,695	2,00	1,588	3,20	3,614	2,30	4,250

D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
2,60	4,785	108,00 x 2,00	5,308	4,00	13,592	323,90 x 3,00	24,100
2,90	5,315	3,00	7,888	154,00 x 2,00	7,612	4,00	32,042
3,20	5,841	4,00	10,417	159,00 x 3,00	11,720	5,00	39,920
3,60	6,535	114,30 x 2,00	5,624	4,00	15,525	6,00	47,760
84,00 x 2,00	4,107	2,60	7,272	168,30 x 2,00	8,328	355,60 x 2,60	22,980
85,00 x 2,00	4,157	3,00	8,361	2,60	10,788	3,20	28,240
88,90 x 2,00	4,352	3,20	8,902	3,00	12,417	4,00	35,220
2,30	4,980	3,60	9,979	4,00	16,456	5,00	43,900
2,60	5,618	4,00	11,048	219,10 x 3,00	16,233	406,40 x 2,60	26,290
3,00	6,452	129,00 x 2,00	6,360	4,00	21,544	3,20	32,310
3,20	6,876	133,00 x 3,00	9,766	5,00	26,805	4,00	40,300
4,00	8,504	4,00	12,921	273,00 x 3,00	20,290	5,00	50,260
101,60 x 2,00	4,988	139,70 x 2,00	6,896	4,00	26,949	457,00 x 4,00	45,370
3,00	7,406	2,60	8,926	5,00	33,550	5,00	56,590
104,00 x 2,00	5,108	3,00	10,269	6,00	40,110	508,00 x 5,00	62,980

technical description

dimensions / tolerances according EN 1127 D2 / T3.
technical terms of delivery in accordance with EN 10296-2

D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
610,00 x 3,00	45,60	5,00	88,42	8,00	161,22	6,00	151,86
4,00	60,70	6,00	105,95	914,00 x 4,00	91,19	8,00	202,08
5,00	75,75	8,00	140,87	5,00	113,86	1219,00 x 5,00	152,02
6,00	90,68	813,00 x 4,00	81,01	6,00	136,48	6,00	182,27
8,00	120,51	5,00	101,14	8,00	181,57	8,00	242,63
711,00 x 4,00	70,83	6,00	121,21	1016,00 x 5,00	126,68		



basic data

measures and values

stocks and pricing

HF-welded tube



Short name	RO-HF		
Description	Factory length 6 meters construction tubes Toleranz gemäß EN 1127 D3/T3		
Material	1.4301	1.4571	tolerances see page 18 more at www.heco.de/en

technical description

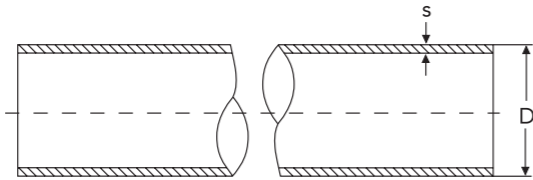
available in a matt or a ground version

basic data

measures and values

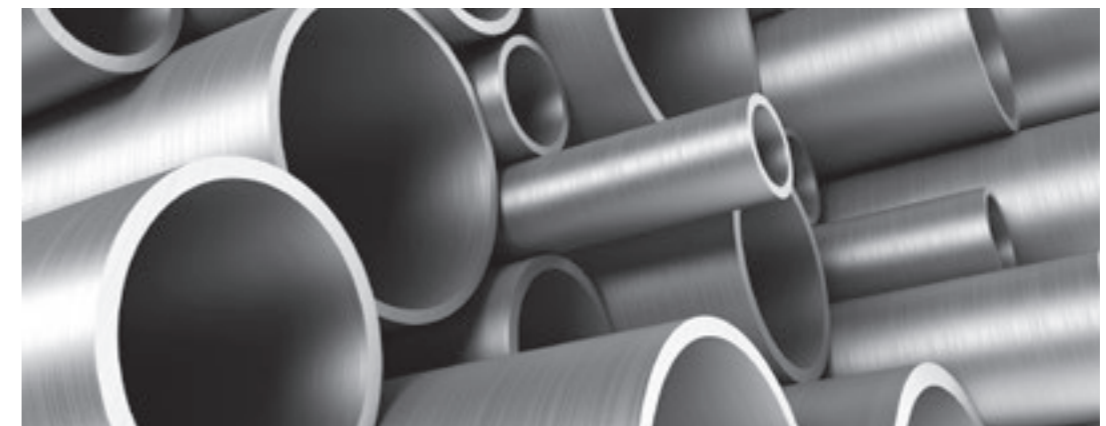
stocks and pricing

HF-welded tube



D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
10,00 x 1,00	0,225	1,20	0,565	28,00 x 1,00	0,676	3,00	2,404
1,50	0,319	1,50	0,695	1,50	0,995	38,00 x 1,00	0,926
12,00 x 1,00	0,275	20,00 x 2,00	0,901	2,00	1,302	1,50	1,371
1,50	0,394	2,50	1,096	2,50	1,596	2,00	1,803
2,00	0,501	21,30 x 1,00	0,508	3,00	1,878	2,50	2,203
14,00 x 1,00	0,326	1,50	0,743	30,00 x 1,00	0,726	3,00	2,629
1,50	0,471	2,00	0,967	1,50	1,070	40,00 x 1,00	0,977
2,00	0,601	2,50	1,177	2,00	1,402	1,50	1,446
15,00 x 1,00	0,351	3,00	1,375	2,50	1,722	2,00	1,903
1,20	0,415	22,00 x 1,00	0,526	3,00	2,028	2,50	2,348
1,50	0,507	1,50	0,770	32,00 x 1,00	0,771	3,00	2,779
2,00	0,651	2,00	1,002	1,50	1,146	4,00	3,606
16,00 x 1,00	0,376	23,00 x 1,00	0,550	2,00	1,847	42,40 x 1,00	1,033
1,20	0,445	1,50	0,808	3,00	2,178	1,50	1,530
1,50	0,545	2,00	1,051	33,00 x 1,50	1,183	2,00	2,023
2,00	0,701	25,00 x 1,00	0,601	33,70 x 1,00	0,818	2,50	2,498
17,20 x 1,00	0,405	1,50	0,883	1,50	1,209	3,00	2,948
1,50	0,589	2,00	1,152	2,00	1,588	4,00	3,846
2,00	0,761	2,50	1,409	2,50	1,953	43,00 x 1,50	1,599
2,50	0,920	3,00	1,653	3,00	2,306	45,00 x 1,00	1,081
18,00 x 1,00	0,426	26,90 x 1,00	0,648	4,00	2,975	1,50	1,612
1,20	0,505	1,50	0,954	35,00 x 1,00	0,851	2,00	2,153
1,50	0,620	2,00	1,247	1,50	1,258	2,50	2,604
2,00	0,801	2,50	1,527	2,00	1,653	3,00	3,124
20,00 x 1,00	0,476	3,00	1,795	2,50	2,035	48,30 x 1,00	1,170

D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
1,50	1,734	2,00	2,604	2,00	3,711	4,00	10,417
2,00	2,319	2,50	3,224	2,50	4,612	114,30 x 1,50	4,236
2,50	2,803	3,00	3,831	3,00	5,494	2,00	5,624
3,00	3,363	57,00 x 1,50	2,085	4,00	7,222	2,50	6,998
4,00	4,437	2,00	2,754	80,00 x 1,00	1,978	3,00	8,360
50,00 x 1,00	1,227	2,50	3,412	1,50	2,948	4,00	11,048
1,50	1,822	3,00	4,057	2,00	3,906	129,00 x 1,50	4,819
2,00	2,404	4,00	5,309	2,50	4,852	2,00	6,360
2,50	2,974	60,30 x 1,00	1,485	3,00	5,784	2,50	7,969
3,00	3,521	1,50	2,208	4,00	7,612	3,00	9,525
4,00	4,607	2,00	2,920	84,00 x 2,00	4,107	4,00	12,600
50,80 x 1,00	1,247	2,50	3,618	88,90 x 1,50	3,282	139,70 x 1,50	5,190
1,50	1,852	3,00	4,304	2,00	4,352	2,00	6,896
2,00	2,444	4,00	5,639	2,50	5,408	2,50	8,588
3,00	3,591	63,50 x 1,00	1,565	3,00	6,452	3,00	10,269
51,00 x 1,00	1,252	1,50	2,332	4,00	8,504	4,00	13,592
1,50	1,859	2,00	3,080	101,60 x 1,50	3,759	154,00 x 1,50	5,727
2,00	2,454	2,50	3,808	2,00	4,988	2,00	7,612
2,50	3,036	3,00	4,533	2,50	6,203	2,50	9,484
3,00	3,606	4,00	5,960	3,00	7,406	3,00	11,343
52,00 x 1,00	1,277	70,00 x 1,00	1,728	4,00	9,775	4,00	15,024
1,50	1,897	1,50	2,573	104,00 x 1,50	3,850	168,30 x 1,50	6,254
2,00	2,504	2,00	3,405	2,00	5,108	2,00	8,328
2,50	3,099	2,50	4,225	2,50	6,354	2,50	10,379
3,00	3,681	3,00	5,033	3,00	7,587	3,00	12,417
53,00 x 1,50	1,934	4,00	6,611	4,00	10,016	4,00	16,456
54,00 x 1,00	1,327	76,10 x 1,00	1,881	108,00 x 2,00	5,308		
1,50	1,972	1,50	2,815	3,00	7,888		



Food industry tubes



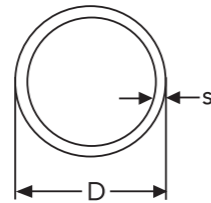
Short name	RO-CC / RO-CD / RO-BC / RO-BD	see technical description
Description	Factory length 6 meters DIN EN 10357, smooth in seam	
Material	1.4301 1.4307 1.4404	more at www.heco.de/en



technical description

CC = unannealed, pickled inside and out
 CD = unannealed, pickled on the inside, ground on the outside (grain 400)
 BC = annealed version, bright metal
 BD = annealed version, ground (grain 400)

Food industry tubes



D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
13,00 x 1,50	0,432	35,00 x 1,50	1,300	85,00 x 2,00	4,156	204,00 x 2,00	10,120
19,00 x 1,50	0,659	41,00 x 1,50	1,484	104,00 x 2,00	5,108		
23,00 x 1,50	0,833	53,00 x 1,50	1,941	129,00 x 2,00	6,360		
29,00 x 1,50	1,036	70,00 x 2,00	3,405	154,00 x 2,00	7,612		

Tubes for drinking water according DVGW



D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m	D x s (mm)	kg/m
15,00 x 1,00	0,353	28,00 x 1,20	0,810	54,00 x 1,50	1,984	108,00 x 2,00	5,308
18,00 x 1,00	0,428	35,00 x 1,50	1,266	76,10 x 2,00	3,717		
22,00 x 1,20	0,629	42,00 x 1,50	1,531	88,90 x 2,00	4,352		

Square tubes



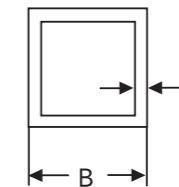
Short name	R4 bzw. VG
Description	Factory length 6 meters longitudinally welded
Material	1.4301 1.4571 more at www.heco.de/en



technical description

available in a matt or a ground version

Square tubes



B x B x s (mm)	kg/m	B x B x s (mm)	kg/m	B x B x s (mm)	kg/m	B x B x s (mm)	kg/m
10 x 10 x 1,00	0,300	2,50	2,285	2,50	3,913	3,00	9,540
15 x 15 x 1,00	0,463	3,00	2,704	3,00	4,657	4,00	12,620
1,20	0,550	35 x 35 x 1,00	1,114	4,00	6,110	5,00	15,650
1,50	0,676	1,20	1,331	5,00	7,512	6,00	18,630
16 x 16 x 1,00	0,496	1,50	1,653	60 x 60 x 1,50	2,873	8,00	24,439
1,20	0,589	2,00	2,178	2,00	3,806	120 x 120 x 2,00	7,712
1,50	0,725	2,50	2,692	2,50	4,726	3,00	11,493
2,00	0,920	3,00	3,193	3,00	5,634	4,00	15,224
18 x 18 x 1,00	0,549	40 x 40 x 1,00	1,277	4,00	7,412	5,00	18,905
1,20	0,653	1,20	1,526	5,00	9,140	6,00	22,536
1,50	0,823	1,50	1,897	70 x 70 x 2,00	4,457	150 x 150 x 2,00	9,469
20 x 20 x 1,00	0,626	2,00	2,504	3,00	6,611	3,00	14,423
1,20	0,745	2,50	3,099	4,00	8,714	4,00	19,131
1,50	0,920	3,00	3,681	5,00	10,767	5,00	23,788
2,00	1,202	4,00	4,808	80 x 80 x 1,50	3,850	6,00	28,395
25 x 25 x 1,00	0,789	45 x 45 x 1,00	1,440	2,00	5,108	8,00	37,460
1,20	0,941	1,20	1,722	2,50	6,354	10,00	46,324
1,50	1,164	1,50	2,141	3,00	7,587	200 x 200 x 3,00	19,306
2,00	1,527	2,00	2,830	4,00	10,016	4,00	25,641
2,50	1,878	2,50	3,506	5,00	12,395	5,00	31,962
3,00	2,216	3,00	4,169	6,00	14,724	6,00	38,161
30 x 30 x 1,00	0,952	4,00	5,459	90 x 90 x 3,00	8,564	8,00	50,481
1,20	1,136	50 x 50 x 1,20	1,917	100 x 100 x 1,50	4,826	10,00	61,500
1,50	1,409	1,50	2,385	2,00	6,410	300 x 300 x 5,00	47,000
2,00	1,853	2,00	3,155	2,50	7,982		

basic data

measures and values

stocks and pricing

Rectangular tubes



Short name	RR bzw. RG		
Description	Factory length 6 longitudinally welded		
Material	1.4301 1.4571	more at www.heco.de/en	

technical description

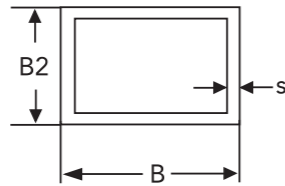
available in a matt or a ground version

basic data

measures and values

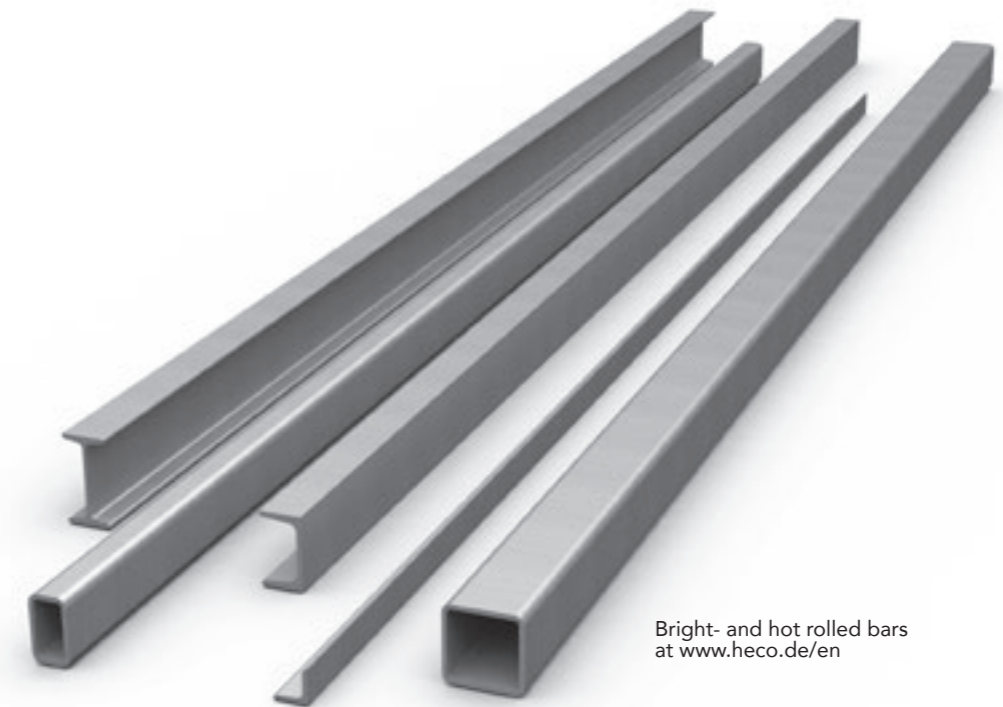
stocks and pricing

Rectangular tubes

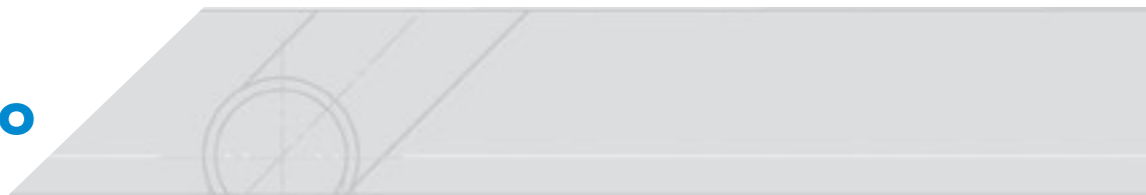


B x B2 x s (mm)	kg/m	B x B2 x s (mm)	kg/m	B x B2 x s (mm)	kg/m	B x B2 x s (mm)	kg/m
20 x 10 x 1,00	0,463	1,20	1,038	2,00	2,178	3,00	4,657
1,20	0,550	1,50	1,286	50 x 25 x 1,20	1,429	4,00	6,110
1,50	0,676	2,00	1,690	1,50	1,775	70 x 20 x 2,00	2,830
20 x 15 x 1,00	0,545	40 x 10 x 1,50	1,164	2,00	2,341	70 x 30 x 2,00	3,155
1,20	0,648	2,00	1,527	3,00	3,410	3,00	4,657
1,50	0,798	40 x 15 x 1,00	0,870	50 x 30 x 1,00	1,277	70 x 40 x 2,00	3,481
25 x 10 x 1,50	0,798	1,20	1,038	1,20	1,526	3,00	5,146
25 x 15 x 1,00	0,626	1,50	1,286	1,50	1,897	4,00	6,761
1,20	0,745	2,00	1,690	2,00	2,504	70 x 50 x 2,00	3,806
1,50	0,920	40 x 20 x 1,00	0,952	3,00	3,681	80 x 10 x 1,50	2,141
2,00	1,175	1,20	1,136	50 x 40 x 1,50	2,141	2,00	2,830
30 x 10 x 1,00	0,626	1,50	1,409	2,00	2,830	80 x 20 x 2,00	3,155
1,20	0,745	2,00	1,853	3,00	4,169	80 x 30 x 2,00	3,481
1,50	0,920	3,00	2,704	60 x 10 x 1,50	1,653	80 x 40 x 1,20	2,261
30 x 15 x 1,00	0,707	40 x 25 x 2,00	2,016	2,00	2,178	1,50	2,873
1,20	0,843	40 x 27 x 1,50	1,578	60 x 20 x 1,20	1,526	2,00	3,806
1,50	1,042	40 x 30 x 1,00	1,114	1,50	1,897	2,50	4,726
2,00	1,365	1,20	1,331	2,00	2,504	3,00	5,634
30 x 20 x 1,00	0,789	1,50	1,653	60 x 30 x 1,20	1,722	4,00	7,412
1,20	0,941	2,00	2,178	1,50	2,141	5,00	9,140
1,50	1,164	3,00	3,193	2,00	2,830	80 x 50 x 2,00	4,132
2,00	1,527	50 x 10 x 1,50	1,409	3,00	4,169	3,00	6,122
35 x 15 x 1,00	0,772	2,00	1,853	60 x 40 x 1,20	1,917	4,00	8,063
1,20	0,921	50 x 20 x 1,00	1,114	1,50	2,385	5,00	9,953
1,50	1,164	1,20	1,331	2,00	3,155	80 x 60 x 1,50	3,303
35 x 20 x 1,00	0,870	1,50	1,653	2,50	3,913	2,00	4,457

B x B2 x s (mm)	(kg/m)	B x B2 x s (mm)	(kg/m)	B x B2 x s (mm)	(kg/m)	B x B2 x s (mm)	(kg/m)
2,50	5,540	100 x 80 x 2,00	5,759	5,00	15,650	3,00	16,521
3,00	6,611	3,00	8,564	6,00	18,236	4,00	22,386
4,00	8,714	4,00	11,318	150 x 80 x 3,00	11,304	5,00	27,857
5,00	10,767	5,00	14,022	150 x 100 x 3,00	11,982	6,00	33,278
100 x 20 x 2,00	3,806	120 x 40 x 2,00	5,108	4,00	15,875	250 x 150 x 3,00	19,531
3,00	5,634	3,00	7,587	5,00	19,719	4,00	25,641
4,00	7,412	4,00	10,016	6,00	23,513	5,00	30,962
100 x 40 x 1,50	3,303	5,00	12,395	8,00	30,949	6,00	39,062
2,00	4,457	120 x 60 x 2,00	5,759	160 x 80 x 3,00	11,493	8,00	50,481
2,50	5,540	3,00	8,564	4,00	15,220	10,00	62,600
3,00	6,611	4,00	11,318	5,00	18,900	300 x 100 x 3,00	19,531
4,00	8,714	5,00	14,022	200 x 100 x 2,00	9,469	4,00	25,641
5,00	10,767	6,00	16,677	3,00	14,423	5,00	31,926
100 x 50 x 1,50	3,513	120 x 80 x 2,00	6,410	4,00	19,131		
2,00	4,783	3,00	9,540	5,00	23,788		
2,50	5,947	4,00	12,620	6,00	28,395		
3,00	7,099	5,00	15,650	8,00	37,460		
4,00	9,365	6,00	18,630	10,00	47,576		
5,00	11,240	140 x 80 x 3,00	10,517	200 x 150 x 2,00	11,064		
100 x 60 x 1,50	3,783	4,00	13,922	3,00	16,521		
2,00	5,108	5,00	17,287	4,00	22,386		
3,00	7,587	150 x 50 x 2,00	6,410	5,00	27,857		
4,00	10,016	3,00	9,540	6,00	33,278		
5,00	12,395	4,00	12,620	250 x 100 x 2,00	11,064		



Bright- and hot rolled bars at www.heco.de/en



Installation supplies > tubes > round > welded > tubes > ANSI

basic data

measures and values

stocks and pricing

Tubes according ASTM/ANSI



Short name	ANSI-RO bzw. ANSI-NR		
Description	According ANSI B 36.16 / ASTM A312/A999 factory length about 6 meters		
Material	1.4541	1.4571	more at www.heco.de/en

technical description

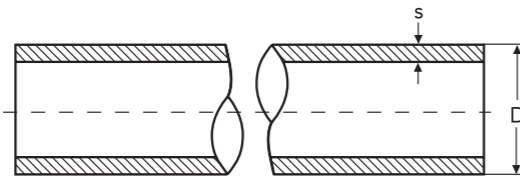
* W = welded version
* S = seamless version

basic data

measures and values

stocks and pricing

Tubes according ASTM/ANSI



Zoll	D	Version*	SCH 5S / s	SCH 10S / s	SCH 40S / s	SCH 80S / s	SCH 160S / s	kg/m
3/8"	17,20	-- W		1,65				0,640
1/2"	21,34	-- W	1,65					0,810
		S W		2,11				1,020
		S W			2,77			1,290
		S --				3,73		1,650
		S --						4,78
3/4"	26,67	-- W	1,65					1,030
		S W		2,11				1,300
		S W			2,87			1,710
		S --				3,91		2,230
		S --						5,56
1"	33,40	-- W	1,65					1,310
		S W		2,77				2,130
		S W			3,38			2,540
		S --				4,55		3,290
		S --						6,35
1 1/4"	42,16	-- W	1,65					1,670
		S W		2,77				2,730
		S W			3,56			3,440
		S --				4,85		4,530
		S --						6,35
1 1/2"	48,26	-- W	1,65					1,920
		S W		2,77				3,160
		S W			3,68			4,110
		S --				5,08		5,490
		S --						7,14



Installation supplies > tubes > round > welded > tubes > ANSI

Zoll	D	Version*	SCH 5S / s	SCH 10S / s	SCH 40S / s	SCH 80S / s	SCH 160S / s	kg/m
2"	60,32	-- W	1,65					2,420
		S W		2,77				3,990
		S W			3,91			5,520
		S --				5,54		7,600
		S --						8,74
2 1/2"	73,03	S W		3,05				5,350
		S W			5,16			8,770
		S --				7,01		11,590
3"	88,90	-- W	2,11					4,580
		S W		3,05				6,560
		S W			5,49			11,470
		S --				7,62		15,510
3 1/2"	101,60	-- W		3,05				7,530
4"	114,30	-- W	2,11					5,930
		S W		3,05				8,500
		S W			6,02			16,320
		S --				8,56		22,670
5"	141,30	S W		3,40				11,740
		S W			6,55			22,100
		S --				9,53		31,440
6"	168,28	-- W	2,77					11,480
		S W		3,40				14,040
		S W			7,11			28,690
		S --				11,00		43,210
8"	219,08	-- W	2,77					15,000
		S W		3,76				20,270
		S W			8,18			43,200
		S --				12,70		65,600
10"	273,05	-- W	3,40					22,950
		S W		4,19				28,200
		S W			9,27			61,220
		S --				12,70		82,800
12"	323,85	-- W	3,96					31,720
		S W		4,57				36,540
		S W			9,53			75,020
		S --				12,70		98,000
14"	355,60	-- W		4,78				41,990
16"	406,40	-- W		4,78				48,070
18"	457,20	-- W		4,78				54,060
20"	508,00	-- W		5,54				69,700
24"	609,60	-- W		6,35				95,980

* welded version (W), seamless version (S)

Overview of old DIN standards versus new EN standards

DIN	EN	Type	Surface
17455	10296-2	Tubes without special requirements	metallic clean
17457	10217-7	Tubes for pressure purposes	metallic clean
PK1	TC1	Test category 1 (without AD2000/W2)	metallic clean
PK2	TC2	Test category 2 (with AD2000/W2)	metallic clean
d0	W0	Welded tube, not pickled, from heat strip	metallic clean
d0g	W0b	Welded tubes, not pickled, from heat strip, smooth inseam	metallic clean
d1	W1	Welded tubes, pickled, from heat strip	metallic clean
d1g	W1b	Welded tubes, pickled, from heat strip, smooth inseam	metallic clean
d2	W1A	Welded tubes, heat treated, pickled, from heat strip	metallic clean
d2g	W1Ab	Welded tubes, heat treated, pickled, from heat strip, smooth inseam	metallic clean
d3	W1R	Welded tubes, bright annealed, from heat strip	metallic clean
d3g	W1Rb	Welded tubes, bright annealed, from heat strip, smooth inseam	metallic clean
k0	W0	Welded tubes, not pickled, from cold strip	metallic clean, smoother than d0
k0g	W0b	Welded tubes, not pickled, from cold strip, smooth inseam	metallic clean, smoother than d0
k1	W2	Welded tubes, pickled, from cold strip	metallic clean, smoother than d1 to d3
k1g	W2b	Welded tubes, pickled, from cold strip, smooth inseam	metallic bright, smoother than d1 to d3
k2	W2A	Welded tubes, heat treated, pickled, from cold strip	metallic bright, smoother than d1 to d3
k2g	W2Ab	Welded tubes, heat treated, pickled, from cold strip, smooth inseam	metallic bright, smoother than d1 to d3
k3	W2R	Welded tubes, bright annealed, from cold strip	metallic bright, smoother than d1 to d3
k3g	W2Rb	Welded tubes, bright annealed, from cold strip, smooth inseam	metallic bright, smoother than d1 to d3
10	none	Welded tubes, heat treated, pickled or bright annealed, from cold strip	metallic bright, smoother than d1 to d3
11	WCA	Welded tubes, heat treated, at least 20% cold formed, Weld seam recrystallised from warm or cold strip	metallic bright, weld barely recognisable
12	WCR	Welded tubes, heat treated, at least 20% cold formed, Weld seam recrystallised from warm or cold strip, smooth inseam	metallic bright, weld barely recognisable









Tolerances

	Outer diameter	Wall thickness
EN ISO 1127	D1 = +/- 1,50%, min. +/- 0,75 mm D2 = +/- 1,00%, min. +/- 0,50 mm D3 = +/- 0,75%, min. +/- 0,30 mm D4 = +/- 0,50%, min. +/- 0,10 mm	T 1 = +/- 15,0%, min. +/- 0,60 mm T 2 = +/- 12,5%, min. +/- 0,40 mm T 3 = +/- 10,0%, min. +/- 0,20 mm T 4 = +/- 7,5%, min. +/- 0,15 mm
ASTM A 312	≤ 48,26 mm + 0,40/- 0,79 mm > 48,26 ≤ 114,30 mm + 0,79/- 0,79 mm > 114,30 ≤ 219,08 mm + 1,59/- 0,79 mm	

Comparison of measures for pipe connections

NW/DN	Inch	ISO in mm outer	ANSI	DIN in mm outer	Metric Dimension	DIN EN 10357 Series A	DIN EN 10357 Series B
--	1/8"	10,2	--	--	--	--	--
--	1/4"	13,5	--	--	--	--	--
10	3/8"	17,2	--	14,0	12,0 x 1,0	13,0 x 1,5	12,0 x 1,0
15	1/2"	21,3	21,34	20,0	18,0 x 1,5	19,0 x 1,5	18,0 x 1,0
20	3/4"	26,9	26,67	25,0	23,0 x 1,5	23,0 x 1,5	22,0 x 1,0
25	1"	33,7	33,40	30,0	28,0 x 1,5	29,0 x 1,5	28,0 x 1,0
32	1 1/4"	42,4	42,16	38,0	35,0 x 1,5	35,0 x 1,5	34,0 x 1,0
40	1 1/2"	48,3	48,26	44,5	43,0 x 1,5	41,0 x 1,5	40,0 x 1,0
50	2"	60,3	60,32	57,0	54,0 x 2,0	53,0 x 1,5	52,0 x 1,0
65	2 1/2"	76,1	73,03	76,10	69,0 x 2,0	70,0 x 2,0	--
80	3"	88,9	88,90	88,9	84,0 x 2,0	85,0 x 2,0	--
--	3 1/2"	--	101,60	--	--	--	--
100	4"	114,3	114,30	108,0	104,0 x 2,0	104,0 x 2,0	--
125	5"	139,7	141,30	133,0	129,0 x 2,0	129,0 x 2,0	--
150	6"	168,3	168,28	159,0	154,0 x 2,0	154,0 x 2,0	--
200	8"	219,1	219,08	216,0	204,0 x 2,0	204,0 x 2,0	--
250	10"	273,0	273,05	267,0	254,0 x 2,0	--	--
300	12"	323,9	323,85	318,0	304,0 x 2,0	--	--
350	14"	355,6	355,60	368,0	354,0 x 2,0	--	--
400	16"	406,4	406,40	419,0	406,0 x 3,0	--	--
450	18"	457,2	457,20	459,0	--	--	--
500	20"	508,0	508,00	521,0	--	--	--

Installation supplies > bright-/ hot rolled bars

Overview: bright-/ hot rolled bars			
			
bright bars	flat bars	square bars	hexagon bright bars
			
angle bars	U-profile	T-profile	I-profile



heco gmbh
 Am Eisengraben 5
 75196 Remchingen-Nöttingen
 Phone +49 7232 36 55-0
 Fax +49 7232 72 964
 va@heco.de
 www.heco.de

heco gmbh NL Berlin
 Köpenicker Straße 19-20
 12524 Berlin
 Phone +49 30 68 838 143-0
 Fax +49 30 68 838 143-9
 berlin@heco.de
 www.heco.de

heco gmbh NL Frankfurt
 Senefelderstraße 1K
 63110 Rodgau
 Phone +49 6106 28 522-0
 Fax +49 6106 28 522-28
 frankfurt@heco.de
 www.heco.de

heco Sp. z o. o.
 Al. Jerozolimskie 427
 05 800 Pruszków
 Phone +48 22 7530 720
 Fax +48 22 7530 721
 heco@heco.pl
 www.heco.pl

heco gmbh NL Bielefeld
 Bahnhofstraße 48
 33602 Bielefeld
 Phone +49 521 944 175-0
 Fax +49 521 944 175-17
 bielefeld@heco.de
 www.heco.de

heco gmbh NL Nürnberg
 Ottilienstraße 1
 90461 Nürnberg
 Phone +49 911 93 772-0
 Fax +49 911 93 772-19
 nuernberg@heco.de
 www.heco.de

heco nerez s.r.o.
 Technická 15
 616 00 Brno
 Phone +420 545 211 196
 Fax +420 547 211 575
 kontakt@heco-nerez.cz
 www.heco-nerez.cz