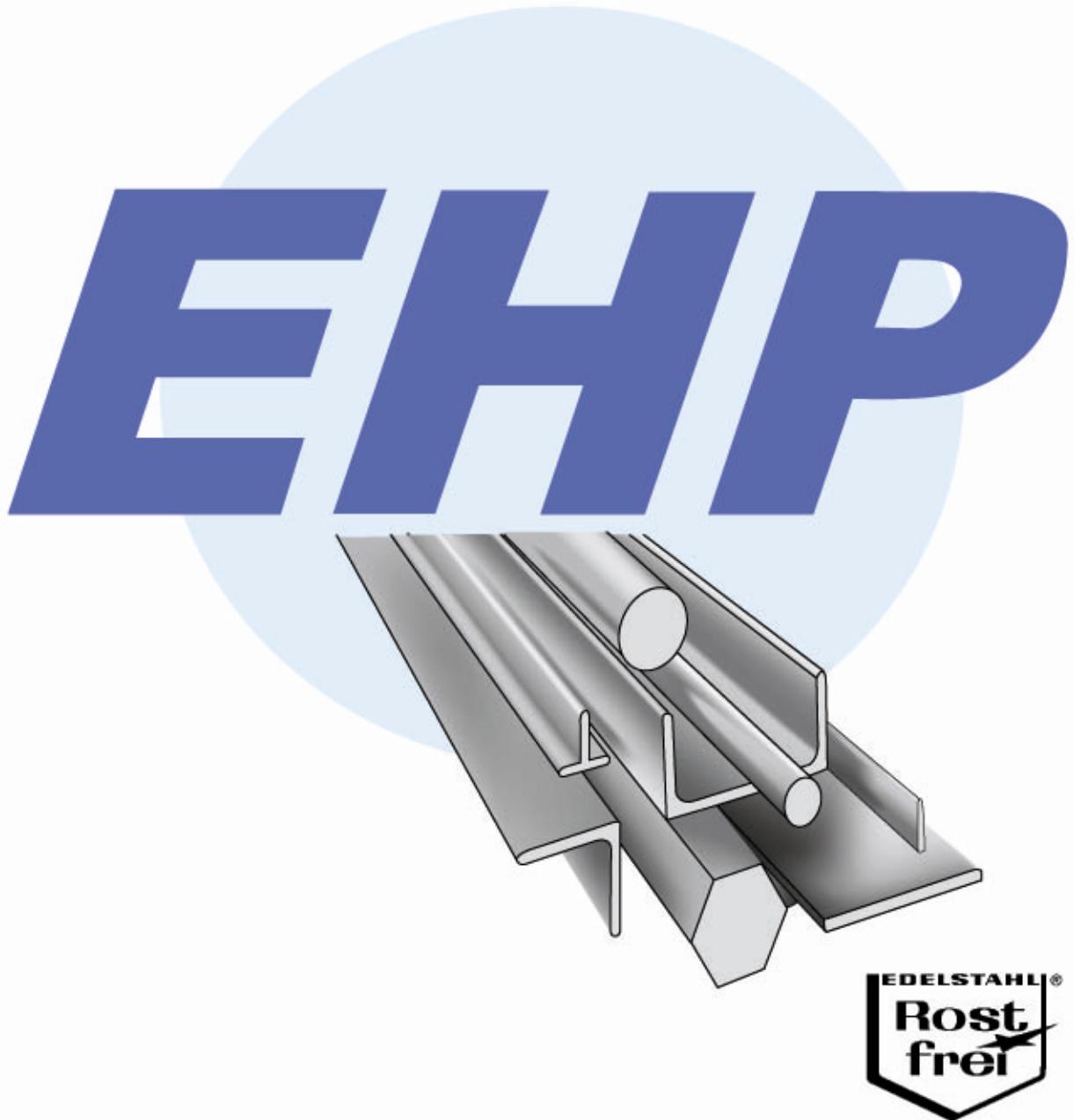


Product List



••• Einer Hat Profil •••

SM - SUPER MACHINABILITY, the economical alternative !

In the field of stainless steels, austenitic steels are considered difficult to machine.

We have SM products in stock for you which were deliberately crafted within the permissible tolerances with a S content of $\leq 0.03\%$.

The following properties make our SM products stand out from the rest:

- 1) They have material characteristics you need,
- 2) There are no disadvantageous effects of material-specific corrosive behavior,
- 3) Greater machinability lets you save money thanks to:
 - a) Higher cutting speed,
 - b) Increased tool life (by more than 100%),
 - c) The ability to use products on automatic lathes.

Material number 1.4301 SM compared with material number 1.4305

Material grade 1.4301 SM has the following advantages over material 1.4305:

- 1) Greater polishability**
- 2) Good weldability**
- 3) Comparable machinability,**
- 4) Significantly higher corrosion resistance,**
- 5) Suitability for food use.**

[Statements about the properties or applications are provided as a description.]

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I Properties and applications

Austenitic stainless steels

1.4301	Good for water and weak waste water, food and organic acids; generally resistant up to a pH-value of 4.5 in low-chloride agents. Used in equipment and machines in the food industry and household purposes (weldable, easy to polish and ideal for deep drawing) <u>Construction and metal construction</u> Interior: Elevators, escalators, windows, railings, lamps, furniture frames, locker systems, safes, doors, wall and ceiling paneling Exterior: balustrades, roof cladding, roof parts (gutters, end caps, rain spouts, elbow bends), windows, railings, grids, lamps, portals, doors
1.4305	Used in turned parts for the food and dairy industry, photo industry, paint, oil, soap, paper and textile industries
1.4306	Used in equipment and parts exposed to organic and fruit acids in the food, oil, soap and synthetic fiber industries, water and weak waste water, food and organic acids; generally resistant up to a pH-value of 4.5 in low-chloride aggressive media
1.4310	Used in springs at temperatures up to 300°C, perforating knives, and high-strength sheet metal for vehicles
1.4401	Used in parts and equipment for the chemical and pulp industries, paint, oil, soap and textile industries, waste water treatment plants, dairies, breweries <u>Construction and metal construction</u> Exterior: balustrades, facades, windows, railings, chimney ducts, portals, plumbing technologies, chimneys, safes, doors Fasteners: unwelded anchorings of all kinds
1.4404	Used in parts and equipment for the chemical pulp industry and paper industry, especially at higher chloride levels; for the paint, oil, soap and textile industries, dairies, breweries
1.4435	Used in welded parts with greater chemical resistance in the pulp, rayon, textile and artificial silk industries
1.4436	Has greater resistance to non-oxidizing acids and aggressive media with chlorine
1.4541	Used in equipment and parts in the food industry, luxury-good, film and photo industries as well as items for household use <u>Construction and metal construction</u> see 1.4301; stabilized steels 1.4541 and 1.4571 are used for high-thickness parts, but these steels cannot be polished to a high gloss
1.4550	Used in equipment and parts in the food industry, luxury-good, film and photo industries as well as items for household use
1.4571	Used in equipment and parts in the chemical industry, textile industry, cellulose manufacturing, dyeing, and the photo, paint, artificial resin and rubber industries <u>Construction and metal construction</u> See applications for 1.4541 and 1.4401
1.4580	Used in equipment and parts for the chemical industry, photo, synthetic resins and rubber industries

Precipitation hardening of martensitic steel

1.4542	Used in bolts and spindles in fittings, disks and cover plates in compressors, sensory technology, automotive industry, medical technology, energy generation (nuclear power plants)
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Heat-resistant ferritic steels

1.4713	Used in plate girders and pipes in stoves; used in machine manufacturing for air pre-heaters, mounting superheaters, annealing bells, cover plates, thermocouple protection tubes, etc. Suitable filler metals: 1.4370, 1.4502, 1.4551, 1.4716, 1.4820, 1.4829
1.4724	Used in parts for manufacturing stoves and boilers such as walking beams, runners, carrier cables and hoisting cables, grids, coils, and thermoelement protection tubes. Suitable filler metals: 1.4773, 1.4820, 1.4829
1.4742	Used in construction parts under only moderate mechanical stress, such as oven fittings, transport elements, bolts, annealing tubes, annealing pots, annealing pans, etc. Suitable filler metals: 1.4773, 1.4820, 1.4829
1.4762	Used in parts exposed to high temperatures but only minor mechanical stress, such as baffle plates for boiler superheaters. Suitable filler metals: 1.4773, 1.4820, 1.4842

Heat-resistant austenitic steels

1.4828	Used in plates, supports and pipes in stove and machine manufacturing, for air pre-heaters, annealing bells, carburizing boxes and hardening boxes, annealing pots, annealing baskets, etc. Suitable filler metals: 1.4829, 1.4842
1.4841	Used in high-stress parts in stove and machine manufacturing, e.g. suspending superheaters, annealing muffles, enamel grids, firing baskets, heat conductors. Suitable filler metals: 1.4842
1.4878	Used in parts that withhold high mechanical stress such as annealing bells, annealing muffles, holding jigs, annealing baskets, cementing and hardening boxes, etc. Gases with nitrogen and a low oxygen content. Suitable filler metals: 1.4551, 1.4829

[Statements about the properties or applications are provided as a description.]

Ferritic stainless steels

1.4016	Used in highly corrosion-resistant parts with good drawability and polishability, such as cutlery, sink linings, bumpers, hubcaps, etc.
1.4021	Used in high-strength construction parts such as axles, shafts, pump parts, piston rods, valve stems, nozzle needles, ship propellers
1.4034	A hardenable steel used in cutting tools, table knives, machine blades, razor blades, scissors, measuring tools, ball bearings, ice skates
1.4057	Used in high-strength structural parts in the food industry and used in the production of soap and acetic acid
1.4104	Used in parts exposed to water or steam for automated processing such as screws, spindles, axles, bushings, etc. Lower corrosion resistance due to sulphur
1.4112	Wear-resistant parts, perforated discs, scale pans and blades, professional knives, precision surgical instruments, roller bearings
1.4122	Used in shafts, spindles, bolts, pistons, valves, perforation knives, fittings for temperatures of up to approx. 600°C

Austenitic - ferritic steels (duplex grade)

1.4462	High resistance to stress corrosion and corrosion fatigue. Used in applications in the chemical and petrochemical industry and desalination plants as well as off-shore technology, e.g. in acid-gas pipes and load-bearing constructions. Permitted for pressure tanks in a temperature range from -10° C to + 280° C (as outlined in the material safety sheet VdTUV-Werkstoffblatt 418).
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Styles and finishes

Abbreviation		Style	Finish	Product form						Comments
DIN EN 10088-2	DIN 17440/41			Cold-rolled flat products	Hot-rolled flat products	Drawn wire	Rod	Semi-finished	Tube	
1U	a1	Hot worked, not heat-treated, not descaled	Has rolling skin and possibly scales					●		Only suitable for further hot treatment.
	a2	Hot worked, not heat-treated, milled on all sides	Rough finish					●		
1C	b or lc	Hot worked, heat-treated, not descaled	Has rolling skin	●		●	●			Only suitable for parts that are descaled or processed from all sides after manufacturing.
1E	c1 or llia	Hot worked, heat-treated, mechanically descaled	Free of mill scale				●	●	●	The kind of mechanical descaling chosen (e.g. milling, blasting or peeling) depends on the product form, and unless otherwise specified, it is left to the manufacturer.
1D	c2 or llia	Hot worked, heat-treated, pickled		●		●			●	
1X	e	Hot worked, heat-treated, pre-processed by machining	Metallic mill finish			●				
2H	f or IIIa	Heat-treated, mechanically or chemically descaled, then cold worked	Smooth and bright, much smoother than c2 or llia	●		●	●			Cold working without subsequent heat treatment will change the properties, depending on the extent to which it is worked.
2D	h or IIIb	Mechanically or chemically descaled, cold worked, heat-treated, pickled	Smoother than c2 or llia	● ¹⁾		●	●		●	Matte
2R	m or IIId	Mechanically or chemically descaled, cold rolled, bright annealed or bright annealed and then slightly cold rolled or drawn	Shiny and smoother than h or IIIb	●		●			●	Well suited for grinding and polishing.
2B	n or IIIC	Mechanically or chemically descaled, heat-treated, pickled, skin passed	Matte and smoother than h or IIIb	●		●	●		●	This style is somewhat harder than h or IIIb, m or IIIb; it is ideal for grinding, brushing or polishing.
1G or 2G	o or IV	Mill finish	The kind, degree and extent of the milling or polishing are to be specified upon ordering	●			●			Commonly based on styles b or lc, c1 or llia, f or IIIa, n or IIIC, m or IIId.
1K or 2K	p or V	polished				●	●			
1J or 2J	q	brushed	silk matte	●						Best based on n or IIIC.

1) Only upon request

[Statements about the properties or applications are provided as a description.]

III Chemical composition

Chemical composition of austenitic stainless steels

Description		Amount in %								
Abbreviation	Material number	C	Si max	Mn max	P max	S	Cr	Mo	Ni	Other
X5CrNi18-10	1.4301	< 0.07	1.00	2.00	0.045	≤ 0.030	17.00 to 19.50		8.00 to 10.50	N: ≤ 0.11
X4CrNi18-12	1.4303	< 0.06	1.00	2.00	0.045	≤ 0.030	17.00 to 19.00		11.00 to 13.00	N: ≤ 0.11
X8CrNiS18-9	1.4305	< 0.10	1.00	2.00	0.045	0.15 to 0.35	17.00 to 19.00		8.00 to 10.00	N: ≤ 0.11; Cu ≤ 1.00
X2CrNi19-11	1.4306	< 0.030	1.00	2.00	0.045	≤ 0.030	18.00 to 20.00		10.00 to 12.00	N: ≤ 0.11
X2CrNi18-9	1.4307	< 0.030	1.00	2.00	0.045	≤ 0.030	17.50 to 19.50		8.00 to 10.00	N: ≤ 0.11
X10CrNi18-8	1.4310	0.05 to 0.15	2.00	2.00	0.045	< 0.015	16.00 to 19.00	≤ 0.80	6.00 to 9.50	
X6CrNiTi18-10	1.4541	≤ 0.08	1.00	2.00	0.045	< 0.030	17.00 to 19.00		9.00 to 12.00	Ti: 5 x C to 0.70
X6CrNiNb18-10	1.4550	≤ 0.08	1.00	2.00	0.045	< 0.015	17.00 to 19.00		9.00 to 12.00	Nb: 10 x C to 1.00
X5CrNiMo17-12-2	1.4401	< 0.07	1.00	2.00	0.045	≤ 0.030	16.50 to 18.50	2.00 to 2.50	10.00 to 13.00	N: ≤ 0.11
X2CrNiMo17-12-2	1.4404	< 0.030	1.00	2.00	0.045	≤ 0.030	16.50 to 18.50	2.00 to 2.50	10.00 to 13.00	N: ≤ 0.11
X2CrNiMoN17-11-2	1.4406	< 0.030	1.00	2.00	0.045	≤ 0.030	16.50 to 18.50	2.00 to 2.50	10.00 to 12.00	N: 0.12 to 0.22
X6CrNiMoTi17-12-2	1.4571	< 0.08	1.00	2.00	0.045	≤ 0.030	16.50 to 18.50	2.00 to 2.50	10.50 to 13.50	Ti: 5 x C to 0.70
X6CrNiMoNb17-12-2	1.4580	< 0.08	1.00	2.00	0.045	< 0.015	16.50 to 18.50	2.00 to 2.50	10.50 to 13.50	Nb: 10 x C to 1.00
X2CrNiMo18-14-3	1.4435	< 0.030	1.00	2.00	0.045	≤ 0.030	17.00 to 19.00	2.50 to 3.00	12.50 to 15.00	N: ≤ 0.11
X3CrNiMo17-13-3	1.4436	< 0.05	1.00	2.00	0.045	≤ 0.030	16.50 to 18.50	2.50 to 3.00	10.50 to 13.00	N: ≤ 0.11
X2CrNiMoN17-13-5	1.4439	< 0.030	1.00	2.00	0.045	< 0.015	16.50 to 18.50	4.00 to 5.00	12.50 to 14.50	N: 0.12 to 0.22

Chemical composition of ferritic and martensitic stainless steels

Description		Amount in %								
Abbreviation	Material number	C	Si max	Mn max	P max	S	Cr	Mo	Ni	Other
X6Cr17	1.4016	≤ 0.08	1.00	1.00	0.040	≤ 0.030	16.00 to 18.00			
X20Cr13	1.4021	0.16 to 0.25	1.00	1.50	0.040	≤ 0.030	12.00 to 14.00			
X30Cr13	1.4028	0.26 to 0.35	1.00	1.50	0.040	≤ 0.030	12.00 to 14.00			
X46Cr13	1.4034	0.43 to 0.50	1.00	1.00	0.040	≤ 0.030	12.50 to 14.50			
X14CrMoS17	1.4104	0.10 to 0.17	1.00	1.50	0.040	0.15 to 0.35	15.50 to 17.50	0.20 to 0.60		
X6CrMoS17	1.4105	≤ 0.08	1.00	1.50	0.040	0.15 to 0.35	16.00 to 18.00	0.20 to 0.60		
X90CrMoV18	1.4112	0.85 to 0.95	1.00	1.00	0.040	≤ 0.020	17.00 to 19.00	0.90 to 1.30		V 0.07-0.12
X39CrMo17-1	1.4122	0.33 to 0.45	1.00	1.50	0.040	≤ 0.030	15.50 to 17.50	0.80 to 1.30	≤ 1.00	
X17CrNi16-2	1.4057	0.12 to 0.22	1.00	1.50	0.040	≤ 0.030	15.00 to 17.00		1.50 to 2.50	
X3CrNiMo13-4	1.4313	≤ 0.05	0.70	1.50	0.040	< 0.015	12.00 to 14.00	0.30 to 0.70	3.50 to 4.50	N: ≥ 0.020
X4CrNiMo16-5-1	1.4418	≤ 0.06	0.70	1.50	0.040	≤ 0.030	15.00 to 17.00	0.80 to 1.50	4.00 to 6.00	N: ≥ 0.020

[Statements about the properties or applications are provided as a description.]

Chemical composition of austenitic – ferritic stainless steels (duplex grades)

Description		Amount in %								
Abbreviation	Material number	C	Si max	Mn max	P max	S	Cr	Mo	Ni	Other
X3CrNiMoN27-5-2	1.4460	0.05	1.00	2.00	0.035	0.030	25.00 to 28.00	1.30 to 2.00	4.50 to 6.50	N: 0.05 to 0.20
X2CrNiMoN22-5-3	1.4462	0.030	1.00	2.00	0.035	0.015	21.00 to 23.00	2.50 to 3.50	4.50 to 6.50	N: 0.10 to 0.22

Chemical composition of precipitation-hardening martensitic steel

Description		Amount in %								
Abbreviation	Material number	C	Si max	Mn max	P max	S	Cr	Mo	Ni	Other
X 5 CrNiCuNb 17 4	1.4542	≤ 0.06	≤ 0.6	≤ 1	≤ 0.030	0.015-0.025	15.00 to 16.50	≤ 0.5	4.00 to 5.00	Nb: ≥ 5xC max. 0.45 Cu 3-4

Chemical composition of heat-resistant ferritic steels

Description		Chemical composition / Standard values in %							Limiting temperature in air [°C]
Abbreviation	Material number	C	Si	Mn	Cr	Ni	Al	Ti:	
X10CrAl7 (AISI-)	1.4713	0.08	0.8	0.7	6.5		0.8		800
X10CrAl13 (AISI-)	1.4724	0.08	1.0	0.7	13.5		1.0		850
X10CrAl18 (AISI-)	1.4742	0.08	1.3	0.7	18.0		1.0		1000
X10CrAl24 (AISI-)	1.4762	0.08	1.4	0.7	24.0		1.5		1150

Chemical composition of heat-resistant austenitic steels

Description		Chemical composition / Standard values in %							Limiting temperature in air [°C]
Abbreviation	Material number	C	Si	Mn	Cr	Ni	Al	Ti:	
X15CrNiSi2012 (AISI~309)	1.4828	0.10	2.0	0.7	20.0	12.0			1000
X15CrNiSi2520 (AISI~310)	1.4841	0.10	2.0	0.7	25.0	20.0			1150
X12CrNiTi189 (AISI~321)	1.4878	0.06	0.4	1.7	18.0	10.0		0.5	850

[Statements about the properties or applications are provided as a description.]

IV Processing properties and welding characteristics

Material no.	Cold workability	Polishability	Machinability	Weldability	Filler materials	Heat treatment after welding
1.4016	good	yes	good	limited	similar type	
1.4021	only when heated to 200°-400°C	can be polished to a high sheen	good	limited	similar type	martensitic steel: cool to 120°C, then anneal
1.4034	not common	can be polished to a high sheen	good	no		
1.4057	not common	can be polished to a high sheen	good	limited	similar type	heat to 300°-400°C; need to re-anneal
1.4112	not common	yes	good	no		
1.4122	not common	yes	good	limited	identical type	heat to 300°-400°C; need to re-anneal
1.4301	very good	can be polished to a high sheen	possible cold hardening	good	identical or similar type	none
1.4305	not common	polishable to a limited extent	very good	not common / welding cracks		
1.4401	very good	can be polished to a high sheen	possible cold hardening	good	identical or similar type	none
1.4404	very good	can be polished to a high sheen	possible cold hardening	good	identical or similar type	none
1.4435	very good	yes	possible cold hardening	good	identical or similar type	none
1.4541	very good	polishable to a limited extent	possible cold hardening	good	identical or similar type	none
1.4542	not common	polishable to a limited extent	good	limited	identical or similar type	relax at 250°/300°C for 1-2 h
1.4571	very good	polishable to a limited extent	possible cold hardening	good	identical or similar type	none

[Statements about the properties or applications are provided as a description.]

V International comparison of corrosion-resistant and acid-resistant steels

Material no.	DIN or SEW	DIN designation	EN 10088	ASTM	NF	SIS	BS	CSN	GOST
1.4000	17440	X 6 Cr 13	X6Cr13	403	Z 8 C 12	2301	403 S 17	17020	08 Ch 13
1.4006	17440	X 30 Cr 13	X12Cr13	431	Z 33 C 13	2302	410 S 21	17021	12 Ch 13
1.4021	17440	X 20 Cr 13	X20Cr13	420	Z 20 C 13	2303	420 S 37	17022	20 Ch 13
1.4028	17440	X 30 Cr 13	X30Cr13	420 F	Z 33 C 13	2319	431 S 29	17023	95 Ch 18
1.4034	17440	X 30 Cr 13	X46Cr13	420	Z 33 C 13			17024	95 Ch 18
1.4057	17440	X 20 CrNi 17 2	X17CrNi16-2	431	Z 15 CN 16-02	2321	431 S 29		20 Ch 17 N 2
1.4104	17440	X 12 CrMoS 17	X14CrMoS17	420 F	Z 13 CF 17	2383			
1.4112	SEW 400	X 50 CrMoV 15	X90CrMoV18	440 B		2319			95 Ch 18
1.4116	17440	X 50 CrMoV 15	X50CrMoV15		Z 50 CD 15				
1.4120	SEW 400	X 20 CrMo 13			Z 20 CD 14				
1.4122	SEW 400	X 35 CrMo 17	X39CrMo17-2						
1.4301	17440	X 5 CrNi 18 10	X5CrNi18-10	304	Z 6 CN 18-09	2332/33	304 S 31	17240	08 Ch 18 N 8
1.4303	17440	X 5 CrNi 18 12	X4CrNi18-12	305	Z 5 CN 18-11 FF		305 S 19		06 Ch 18 N 11
1.4305	17440	X 10 CrNiS 18 9	X8CrNiS18-9	303	Z 8 CNF 18-09	2346	303 S 22		
1.4306	17440	X 2 CrNi 19 11	X2CrNi19-11	304 L	Z 3 CN 18-10	2352	304 S 11	17249	03 Ch 18 N 11
1.4307	17440	X 4 CrNi 13 4	X2CrNi18-9	304 L	Z 3 CN 19-08	2352	304 S 11		
1.4313	SEW 400	X 4 CrNi 13 4	X3CrNiMo13-4	S 41500	Z 6 CN 13-04	2384	425 C 11		
1.4401	17440	X 5 CrNiMo 17 12 2	X5CrNiMo17-11-2	316	Z 7 CND 17-11-02	2347	316 S 31	17440	03 Ch 17 N 13 M 2
1.4404	17440	X 2 CrNiMo 17 13 2	X2CrNiMo17-12-2	316 L	Z 3 CND 17-11-02	2348	316 S 11	17349	03 Ch 17 N 13 M 2
1.4418	SEW 400	X4 CrNiMo 16 5	X4CrNiMo 16-5-1		Z 5 CND 16-04	2387			
1.4416	17440	X 2 CrNiMoN 17 13	X2CrNiMo17-13-3	316 LN	Z 3 CND 17-12 Az	2375	316 S 63		03 Ch 17 N 14 M 2
1.4435	17440	X 2 CrNiMo 18 14 3	X2CrNiMo18-14-3	316 L	Z 3 CND 17-12-03	2353	316 S 11	17440	
1.4436	17440	X 5 CrNiMo 17 13 3	X3CrNiMo17-13-3	316	Z 6 CND 18-12-03	2343	316 S 33		
1.4462	SEW 400	X 2 CrNiMo 22 5 3	X2CrNiMo22-5-3	S 31803	Z 3 CND 22-05 Az	2377	318 S 13		
1.4539	SEW 400	X 1 NiCrMoCuN 25 20 5	X1NiCrMoCu25-20-5	N 08904	Z 2 NCDU 25-20	2562	904 S 13		
1.4541	17440	X 6 CrNiTi 18 10	X6CrNiTi18-10	321	Z 6 CNT 18-10	2337	321 S 31	17247	08 Ch 18 N 10 T
1.4542	17440	X 5 CrNiCuNb 17 4	X5CrNiCuNb16-4	630	Z 7 CNU 17-04				
1.4550	17440	X 6 CrNiNb 18 10	X6CrNiNb18-10	347	Z 6 CNNb 18-10	2338	347 S 31		
1.4563	SEW 400	X 1 NiCrMoCuN 31 27 4	X1NiCrMoCu31-27-4	N 08028	Z 2 NCDU 31-27	2584			
1.4565	SEW 400	X 3 CrNiMnMoNbN 23 17 5 3			UNS 34565				
1.4571	17440	X 6 CrNiMoTi 17 12 2	X6CrNiMoTi17-12-2	316 Ti	Z 6 CNDT 17-12	2350	320 S 18	17848	08 Ch 17 N 13 M 2T
1.4713	SEW 470	X 10 CrAl 7			Z 8 CA 7				
1.4762	SEW 470	X 10 CrAl 24		446	Z 10 CAS 24	2322			
1.4828	SEW 470	X 15 CrNiSi 20 12		309	Z 15 CN 24-13		309 S 24		20 Ch 20 N 14 S 2
1.4841	SEW 470	X 15 CrNiSi 25 20		314	Z 15 CNS 25-20				20 Ch 25 N 20 S 2
1.4845	SEW 470	X 12 CrNi 25 21		310 S	Z 12 CN 26-21	2361	310 S 31		20 Ch 23 N 18

[Statements about the properties or applications are provided as a description.]

Flat bar, mill finish



- 10 -

Complies with DIN 174

DIN EN 10278

Length = approx. 3-6 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
6.0 x 4.0	0.188		x				
6.5 x 5.0	0.255	x					
8.0 x 4.0	0.251		x				
	5.0	0.314		x			
	6.0	0.377	x				
	7.0	0.440		x			
10.0 x	3.0	0.236		x			
	4.0	0.314		x			
	5.0	0.393		x		x	
	6.0	0.471		x			
	8.0	0.628		x			
12.0 x	3.0	0.283		x			
	4.0	0.377		x		x	
	5.0	0.471		x			
	6.0	0.565	x	x		x	
	8.0	0.754		x		x	
	10.0	0.942		x			
14.0 x	5.0	0.550	x				
15.0 x	3.0	0.353		x			
	4.0	0.471		x		x	
	5.0	0.589		x		x	
	6.0	0.707	x	x		x	
	8.0	0.942		x		x	
	10.0	1.180	x	x		x	
	12.0	1.420		x		x	
18.0 x	7.0	0.998	x				
20.0 x	3.0	0.471		x		x	
	4.0	0.628		x		x	
	5.0	0.785	x	x		x	
	6.0	0.942		x		x	
	8.0	1.260	x	x		x	
	10.0	1.570	x	x		x	
	12.0	1.880		x		x	
	15.0	2.360	x	x		x	

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Flat bar, mill finish



- 11 -

Complies with DIN 174

DIN EN 10278

Length = approx. 3-6 m

Test certificate EN 10204/3.1

Dimensions		kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
25.0 x	3.0	0.589		x				
	4.0	0.785		x				
	5.0	0.981		x		x		
	6.0	1.180		x		x		
	8.0	1.570		x		x		
	10.0	1.960	x	x		x		
	12.0	2.360		x		x		
	15.0	2.940	x	x		x		
	20.0	3.930		x		x		
30.0 x	3.0	0.707		x				
	4.0	0.942		x				
	5.0	1.180		x		x		
	6.0	1.410		x		x		
	8.0	1.880		x		x		
	10.0	2.360	x	x	x	x		
	12.0	2.830		x		x		
	15.0	3.530		x		x		
	20.0	4.710	x	x	x	x		
32.0 x	25.0	5.890		x		x		
	26.0	6.530					x	
	35.0 x	4.0	1.100		x			
	5.0	1.370		x				
	6.0	1.650		x		x		
	8.0	2.200		x		x		
	10.0	2.750		x		x		
	12.0	3.300		x		x		
	15.0	4.120		x				
40.0 x	20.0	5.500		x		x		
	25.0	6.870		x		x		
	3.0	0.942		x				
	4.0	1.260		x				
	5.0	1.570		x		x		
	6.0	1.880		x		x		
	8.0	2.510		x		x		

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Flat bar, mill finish



- 12 -

Complies with DIN 174

DIN EN 10278

Length = approx. 3-6 m

Test certificate EN 10204/3.1

Dimensions		kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
40.0 x	10.0	3.140	x	x		x		
	12.0	3.770		x		x		
	15.0	4.710	x	x		x		
	20.0	6.280		x		x		
	25.0	7.850		x		x		
	30.0	9.420		x		x		
45.0 x	5.0	1.770		x				
	6.0	2.120		x				
	8.0	2.830		x				
	10.0	3.530		x		x		
	12.0	4.239		x				
50.0 x	3.0	1.180		x				
	4.0	1.570		x		x		
	5.0	1.960		x		x		
	6.0	2.360		x		x		
	8.0	3.140		x	x	x		
	10.0	3.930	x	x		x		
	12.0	4.710		x		x		
	15.0	5.890		x		x		
	20.0	7.850		x	x	x		
	25.0	9.810	x	x	x	x		
	30.0	11.780		x	x	x		
	40.0	15.700		x		x		
60.0 x	4.0	1.880		x				
	5.0	2.360		x				
	6.0	2.830		x		x		
	8.0	3.770		x		x		
	10.0	4.710		x		x		
	12.0	5.650		x		x		x
	15.0	7.070		x		x		
	20.0	9.420		x		x		
	25.0	11.780		x		x		
	30.0	14.130		x		x		
	40.0	18.840		x		x		

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Flat bar, mill finish



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Complies with DIN 174

DIN EN 10278

Length = approx. 3-6 m

Test certificate EN 10204/3.1

Dimensions		kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
60.0	50.0	23.560		x				
70.0	5.0	2.750		x				
	6.0	3.300		x				
	8.0	4.400		x		x		
	10.0	5.500		x				
	12.0	6.600		x				
	15.0	8.250		x		x		
	20.0	11.000		x				
	25.0	13.740		x		x		
	30.0	16.485		x				
	40.0	21.980		x				
75.0	14.0	8.243	x					
80.0	5.0	3.140		x				
	6.0	3.770		x				
	8.0	5.020		x		x		
	10.0	6.280		x		x		
	12.0	7.540		x		x		
	15.0	9.420		x		x		
	20.0	12.560		x		x		
	25.0	15.700		x				
	30.0	18.720		x		x		
	40.0	25.120		x		x		
	50.0	31.400		x		x		
	60.0	37.680		x				
90.0	6.0	4.239		x				
	8.0	5.650						
	10.0	7.070		x				
	12.0	8.480		x				
	15.0	10.600		x				
	20.0	14.130		x				
	25.0	17.663		x				
100.0	5.0	3.930		x				
	6.0	4.710		x				
	8.0	6.280		x		x		

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Flat bar, mill finish



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Complies with DIN 174

DIN EN 10278

Length = approx. 3-6 m

Test certificate EN 10204/3.1

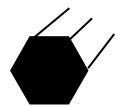
Dimensions		kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
100.0 x	10.0	7.850		x		x		
	12.0	9.420		x		x		
	15.0	11.780		x		x		
	20.0	15.700		x		x		
	25.0	19.625		x				
	30.0	23.550		x				
	40.0	31.400		x				
	50.0	39.250		x				
120.0 x	6.0	5.625		x				
	8.0	7.536		x				
	10.0	9.420		x				
	12.0	11.300		x				
	15.0	14.130		x		x		
	20.0	18.840		x		x		

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Hex bar, mill finish



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Complies with DIN 176

DIN EN 10278

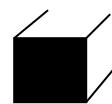
Length = approx. 3 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4104	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435
4.0	0.109					
5.0	0.171			x		
6.0	0.246	x	x	x		
7.0	0.335		x	x		
8.0	0.439	x	x	x	x	
9.0	0.554		x	x		
10.0	0.684	x	x	x	x	
11.0	0.828	x	x	x	x	
12.0	0.985		x	x	x	
13.0	1.156	x	x	x	x	x
14.0	1.341	x	x	x	x	x
15.0	1.530			x		
16.0	1.751			x		
17.0	1.977	x	x	x	x	x
19.0	2.470	x	x	x	x	x
22.0	3.311	x	x	x	x	
24.0	3.941	x	x	x	x	x
27.0	4.988	x	x	x	x	x
30.0	6.157	x	x	x	x	x
32.0	7.006	x	x	x	x	x
36.0	8.867	x	x	x	x	x
41.0	11.500	x	x	x	x	x
46.0	14.480		x	x	x	
50.0	17.100	x	x	x	x	x
55.0	20.700		x			
60.0	24.630			x		x
65.0	28.720					x

Other grades and dimensions available upon request!

Square bar, mill finish



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Complies with DIN 178

DIN EN 10278

Length = approx. 3 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4104	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
3.0 x 3.0	0.071			x				
4.0 x 4.0	0.126	x		x				
5.0 x 5.0	0.196			x	x			
6.0 x 6.0	0.283			x	x	x		
7.0 x 7.0	0.385			x	x			
8.0 x 8.0	0.502			x	x	x		
10.0 x 10.0	0.785			x	x	x		
12.0 x 12.0	1.130		x	x	x	x		
14.0 x 14.0	1.540			x	x			
15.0 x 15.0	1.770		x	x	x	x	x	
16.0 x 16.0	2.010			x	x			
18.0 x 18.0	2.540			x				
20.0 x 20.0	3.140		x	x	x	x	x	
22.0 x 22.0	3.800			x	x			
24.0 x 24.0	4.522							
25.0 x 25.0	4.910		x	x	x	x		
30.0 x 30.0	7.070	x	x	x	x	x		
35.0 x 35.0	9.620			x	x	x	x	
40.0 x 40.0	12.560		x	x	x	x		
45.0 x 45.0	15.900			x	x			
50.0 x 50.0	19.630		x	x	x			
60.0 x 60.0	28.260		x	x	x	x		

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

Round bar, mill finish

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Drawn, complies with DIN 671 (ISO h9)

DIN EN 10278

Drawn and polished / finished and polished, complies with DIN 670 (ISO h8) / DIN 59361 (ISO h6)

Length = approx. 3.0-3.2 m

Test certificate EN 10204/3.1

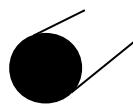
Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4112	Mat. no. 1.4122	Mat. no. 1.4104	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
2.0	0.025					x	x			
2.5	0.039				x	x				
3.0	0.056				x	x	x	x	x	
3.5	0.076					x	x			
4.0	0.099				x	x	x	x	x	
4.5	0.125				x	x	x			
5.0	0.154	x	x		x / h8	x	x	x	x	
6.0	0.222	x	x / h8		x / h8	x ¹⁾	x / h8	x	x	
7.0	0.302	x	x		x / h8	x	x / h8	x	x	
8.0	0.392	x	x		x / h8	x ¹⁾	x	x	x	
9.0	0.499	x				x	x			
10.0	0.617	x	x		x / h8	x ¹⁾ / h6	x	x / h6	x	
11.0	0.746	x			x	x	x			
12.0	0.888	x	x		x / h8	x ¹⁾ / h6	x / h8	x / h6	x	
13.0	1.042	x	x		x	x	x	x	x	
14.0	1.208	x	x	x	x	x ¹⁾	x	x		
14.1	1.230				x					
15.0	1.387	x	x		x	x ¹⁾ / h6	x	x / h6	x	
15.1	1.410				x					
16.0	1.578	x		x	x / h8	x ¹⁾ / h6	x	x / h6	x	
16.1	1.600				x					
17.0	1.782				x	x	x	x		
18.0	1.998	x			x	x ¹⁾	x	x	x	
20.0	2.446	x	x		x / h8	x ¹⁾ / h6	x	x / h6	x / h6	
22.0	2.984	x			x	x / h6	x	x		
23.0	3.262				x	x	x			
24.0	3.551				x	x	x	x		
25.0	3.853	x	x	x	x	x ¹⁾ / h6	x ²⁾	x / h6	x / h6	
26.0	4.168				x		x	x	x	
27.0	4.495					x	x			
28.0	4.834				x	x	x	x		
30.0	5.549	x	x	x	x	x ¹⁾ / h6	x ²⁾	x / h6	x	
31.0	5.920					x				

¹⁾ Also in stock in lengths of 6.0 m!

²⁾ Also in stock with an f8 tolerance field and length of approx. 4.0 m!

Other grades and dimensions available from factory inventory!

Round bar, mill finish



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Drawn, complies with DIN 671 (ISO h9)

DIN EN 10278

Drawn and polished / finished and polished, complies with DIN 670 (ISO h8) / DIN 59361 (ISO h6)

Length = approx. 3.0-3.2 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4112	Mat. no. 1.4122	Mat. no. 1.4104	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
32.0	6.313	x				x	x	x		
34.0	7.127				x	x	x			
35.0	7.553	x	x	x	x	x ¹⁾ / h6	x	x / h6	x	
36.0	7.990					x	x			
38.0	8.903				x	x	x	x		
40.0	9.865	x	x	x	x	x ¹⁾ / h6	x ²⁾	x / h6	x	
42.0	10.880				x	x	x	x		
45.0	12.480	x	x	x	x	x	x	x	x	
50.0	15.410	x	x	x ¹⁾ / h6	x	x ¹⁾ / h6	x	x / h6	x	
55.0	18.650	x			x	x	x	x	x	
58.0	20.730							x		
60.0	22.200	x			x	x ¹⁾	x	x	x / h6	
65.0	26.050	x			x	x	x	x	x	
70.0	30.210	x			x	x ¹⁾	x	x	x	
75.0	34.680					x	x	x		
80.0	39.460					x	x	x	x / h8	
85.0	44.500					x		x		
90.0	49.940							x		
100.0	61.650							x		

¹⁾ Also in stock in lengths of 6.0 m!

²⁾ Also in stock with an f8 tolerance field and length of approx. 4.0 m!

Other grades and dimensions available from factory inventory!

Round bar, rolled

- 19 -

Complies with DIN 1013 **DIN EN 10060**

pickled/peeled and re-milled

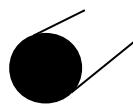
Length = approx. 4.0-6.0 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4112	Mat. no. 1.4104	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
30.0	5.549						x	x
35.0	7.553						x	x
40.0	9.865						x	x
45.0	12.480						x	x
50.0	15.410					x	x	
52.0	16.670						x	
55.0	18.650					x	x	
60.0	22.200				x	x	x	x
65.0	26.050				x	x	x	
70.0	30.210		x	x	x	x	x	x
75.0	34.680		x	x	x	x	x	
80.0	39.460	x	x	x	x	x	x	x
85.0	44.550			x	x	x	x	
90.0	49.940		x	x	x	x	x	x
95.0	55.640					x		x
100.0	61.550			x	x	x	x	
105.0	67.970			x	x	x	x	
110.0	74.600		x	x	x	x	x	
115.0	81.540				x	x		x
120.0	88.780		x	x	x	x	x	x
125.0	96.330					x		
130.0	104.200	x		x	x	x	x	x
140.0	120.840			x	x	x	x	x
150.0	138.720	x		x	x	x	x	x
160.0	157.830			x	x	x	x	
170.0	178.180			x	x	x	x	
180.0	199.760			x	x	x	x	x
190.0	222.570			x	x	x	x	
200.0	246.620			x	x	x	x	x
210.0	271.900			x	x	x	x	
220.0	298.400			x	x	x	x	
230.0	326.100			x	x	x	x	
240.0	355.100			x	x	x	x	
250.0	385.300			x	x	x	x	
260.0	416.800			x		x	x	

Other grades and dimensions available from factory inventory!

Round bar, rolled



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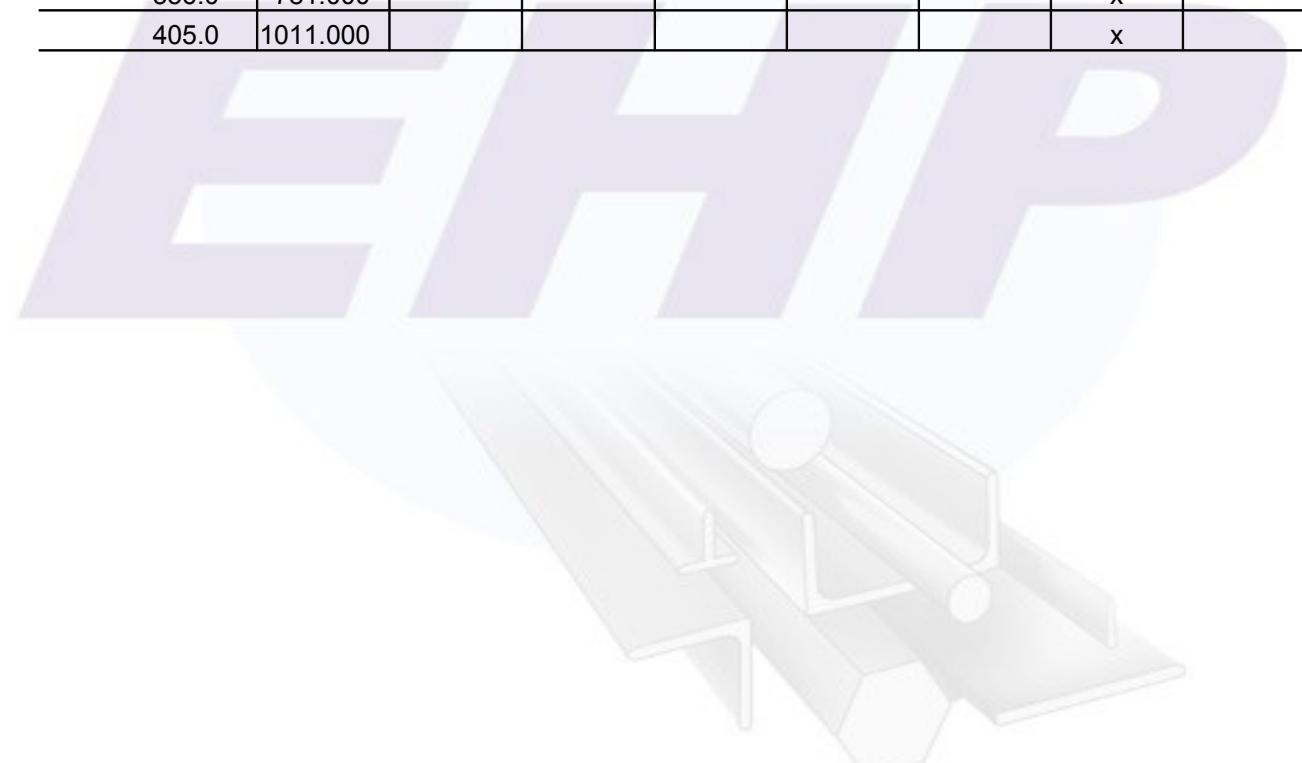
Complies with DIN 1013 **DIN EN 10060**

pickled/peeled and re-milled

Length = approx. 4.0-6.0 m

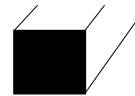
Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4112	Mat. no. 1.4104	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
275.0	466.300						x	
280.0	483.400			x		x		
285.0	500.530						x	
300.0	554.900			x		x	x	
356.0	781.000						x	
405.0	1011.000						x	



Other grades and dimensions available from factory inventory!

Square bar, rolled



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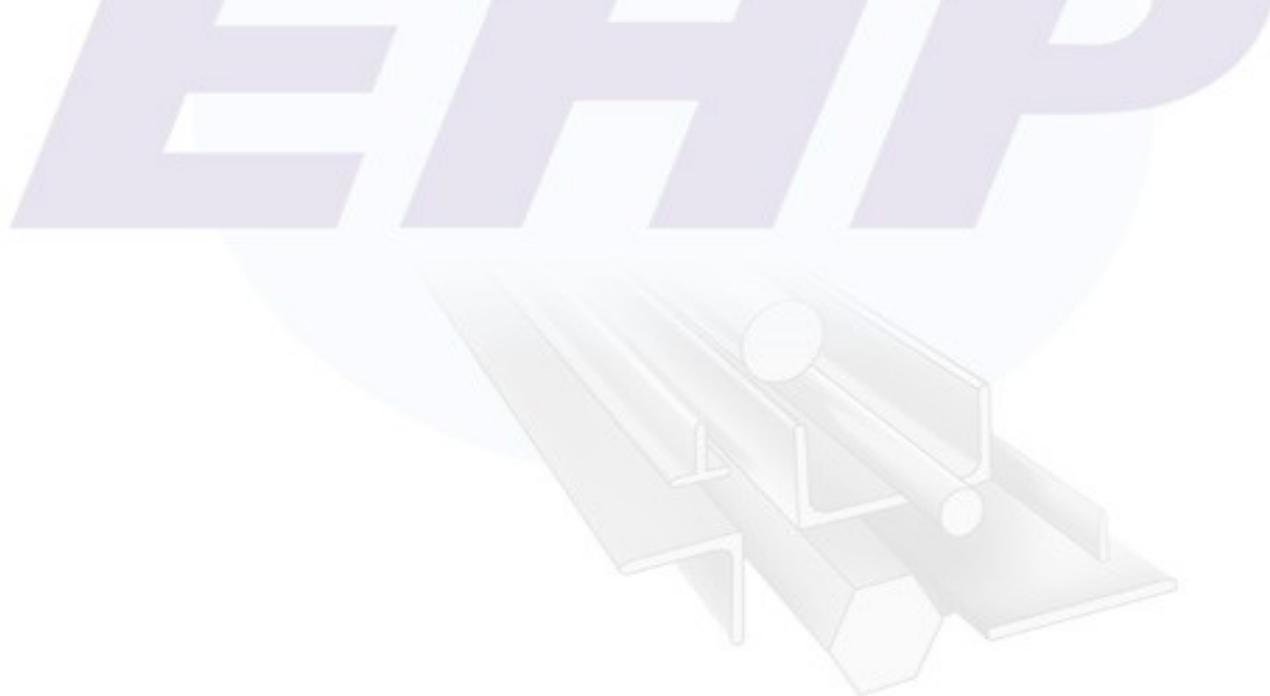
Complies with DIN 1014

DIN EN 10059

Length = approx. 6 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/m	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4435	Mat. no. 1.4542
40.0 40.0	12.560	x				
45.0 45.0	15.900			x	x	
50.0 50.0	19.630	x		x		
60.0 60.0	28.280	x		x	x	
70.0 70.0	38.460			x		
80.0 80.0	50.240	x		x	x	
90.0 90.0	63.580			x		
100.0 100.0	78.500	x	x	x	x	



Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

Flat bar, rolled



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Complies with DIN 1017 **DIN EN 10058**

Length = approx. 6 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions		kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4542
30.0 x	8.0	1.880					
	10.0	2.360					
	12.0	2.830					
	15.0	3.530					
	20.0	4.710					
	25.0	5.890				x	
40.0 x	8.0	2.510		x			
	10.0	3.140		x			
	12.0	3.770					
	15.0	4.710		x			
	20.0	6.280		x			
	25.0	7.850		x			
	30.0	9.420		x		x	
	35.0	10.990		x			
50.0 x	8.0	3.140		x			
	10.0	3.930		x			
	12.0	4.710		x			
	15.0	5.890	x	x	x		
	20.0	7.850		x	x	x	
	25.0	9.910		x	x	x	
	30.0	11.780		x			
	35.0	13.740		x			
	40.0	15.700		x		x	
60.0 x	5.0	2.360	x				
	6.0	2.830	x				
	8.0	3.770		x			
	10.0	4.710		x			
	12.0	5.650		x			
	15.0	7.070		x			
	20.0	9.420		x			
	25.0	11.780		x		x	
	30.0	14.130		x		x	
	35.0	16.490		x			
	40.0	18.840		x		x	

Other grades and dimensions available upon request!

=> for 1.4435 dimensions, see p. 27 / 28

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

07042-8261-0 **07042-8261-11** **info@e-h-p.de** **www.e-h-p.de**



Flat bar, rolled



- 23 -

Complies with DIN 1017 **DIN EN 10058**

Length = approx. 6 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4542
60.0 x 45.0	21.200				x	
50.0	23.560		x		x	
70.0 x 8.0	4.400		x			
10.0	5.500		x			
12.0	6.600		x		x	
15.0	8.240		x			
20.0	10.990		x			
25.0	13.740		x			
30.0	16.490		x			
35.0	19.230					
40.0	21.980		x			
50.0	27.780		x		x	
60.0	32.970		x			
65.0	35.720					
80.0 x 8.0	5.020		x			
10.0	6.280		x			
12.0	7.540		x			
15.0	9.420	x	x			
20.0	12.560		x			
25.0	15.700		x		x	
30.0	18.840		x	x	x	
35.0	21.980		x			
40.0	25.120		x		x	
50.0	31.400		x		x	
60.0	37.680		x			
70.0	44.800			x		
83.0 x 29.0	18.900					x
55.0	35.84					x
90.0 x 8.0	5.650		x			
10.0	7.070		x			
12.0	8.480		x			
15.0	10.600		x			
20.0	14.130		x			
25.0	17.660		x			
30.0	21.200		x			

Other grades and dimensions available upon request!

=> for 1.4435 dimensions, see p. 27 / 28

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

07042-8261-0 **07042-8261-11** **info@e-h-p.de** **www.e-h-p.de**



Flat bar, rolled



- 24 -

Complies with DIN 1017 **DIN EN 10058**

Length = approx. 6 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4542
90.0 x 40.0	28.260		x		x	
	60.0	43.200		x		
100.0 x 8.0	6.280		x			
	10.0	7.850	x	x		x
	12.0	9.420		x		
	15.0	11.770		x		x
	20.0	15.700		x		x
	25.0	19.630		x		
	30.0	23.550		x		x
	40.0	31.400		x		x
	50.0	39.260			x	x
	60.0	47.100				
	70.0	54.950				x
110.0 x	10.0	8.640		x		
	12.0	10.360				
	20.0	17.270		x		
	25.0	21.590		x		
	30.0	25.910		x		
	40.0	34.540				
	55.0	47.500				x
120.0 x	8.0	7.450		x		
	10.0	9.420		x		
	12.0	11.300		x		
	15.0	14.130		x		x
	20.0	18.840		x		
	25.0	23.550		x		
	30.0	28.260		x		x
	40.0	37.680				x
	50.0	47.100		x		
	60.0	56.520				x
130.0 x	8.0	8.160				
	10.0	10.210		x		
	12.0	12.250				
130.0 x	15.0	15.310		x		

Other grades and dimensions available upon request!

=> for 1.4435 dimensions, see p. 27 / 28

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

07042-8261-0 **07042-8261-11** **info@e-h-p.de** **www.e-h-p.de**



Flat bar, rolled



- 25 -

Complies with DIN 1017 **DIN EN 10058**

Length = approx. 6 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions		kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4542
130.0	20.0	20.410		x			
	60.0	61.230				x	
140.0	8.0	8.790		x			
	10.0	10.990		x			
12.0	12.190						
	15.0	16.490		x			
20.0	21.980						
	30.0	32.970		x			
150.0	8.0	9.420		x			
	10.0	11.770		x			
12.0	14.130			x			
	15.0	17.660		x		x	
20.0	23.550			x			
	25.0	29.440		x			
30.0	35.330			x			
	40.0	47.100		x		x	
50.0	58.880					x	
	8.0	10.200		x			
10.0	12.800			x			
	8.0	11.500		x			
12.0	14.400			x		x	
	15.0	21.600		x		x	
20.0	28.800			x		x	
	30.0	43.200		x		x	
40.0	57.600			x		x	
	50.0	72.000		x		x	
60.0	86.400			x		x	
	70.0	100.800		x		x	
200.0	8.0	12.800		x			
	10.0	16.000		x		x	
12.0	19.200			x		x	
	15.0	24.000		x		x	
200.0	20.0	32.000		x		x	
	30.0	48.000		x		x	

Other grades and dimensions available upon request!

=> for 1.4435 dimensions, see p. 27 / 28

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

07042-8261-0 **07042-8261-11** **info@e-h-p.de** **www.e-h-p.de**



Flat bar, rolled



- 26 -

Complies with DIN 1017 **DIN EN 10058**

Length = approx. 6 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4021	Mat. no. 1.4301	Mat. no. 1.4305	Mat. no. 1.4404	Mat. no. 1.4542
200.0 x 40.0	64.000		x		x	
	50.0	80.000	x		x	
	60.0	96.000	x		x	
	70.0	112.000	x		x	
250.0 x	8.0	16.000	x			
	10.0	20.000	x		x	
	12.0	24.000	x		x	
	15.0	30.000	x		x	
	20.0	40.000	x		x	
	30.0	60.000	x		x	
	40.0	80.000	x		x	
	50.0	100.000	x		x	
	60.0	120.000	x		x	
	70.0	140.000	x		x	

Other grades and dimensions available upon request!

=> for 1.4435 dimensions, see p. 27 / 28

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.

Processing: aesthetic finish on all sides up to 600 grit

07042-8261-0 **07042-8261-11** **info@e-h-p.de** **www.e-h-p.de**



Flat bar, rolled



- 27 -

Complies with DIN 1017

DIN EN 10058 or DIN 7527 sheet 6

Length = approx. 2-3 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4435	Dimensions	kg/mtr.	Mat. no. 1.4435
20.0 x 12.0	1.880	x	116.0 x 66.0	60.100	x
15.0	2.360	x	76.0	69.210	x
25.0 x 15.0	2.940	x	122.0 x 53.0	50.760	x
30.0 x 12.0	2.830	x	60.0	57.460	x
15.0	3.530	x	96.0	91.940	x
25.0	5.890	x	130.0 x 47.0	47.960	x
40.0 x 10.0	3.140	x	58.0	59.190	x
20.0	6.280	x	67.0	68.370	x
30.0	9.420	x	141.0 x 71.0	78.590	x
50.0 x 20.0	7.850	x	80.0	88.550	x
40.0	15.700	x	92.0	101.830	x
60.0 x 12.0	5.650	x	105.0	116.220	x
15.0	7.070	x	150.0 x 20.0	23.550	x
65.0 x 28.0	14.290	x	155.0 x 60.0	73.000	x
70.0 x 65.0	35.720	x	158.0 x 57.0	70.700	x
78.0 x 21.0	12.860	x	67.0	83.100	x
25.0	15.310	x	160.0 x 80.0	100.350	x
80.0 x 15.0	9.420	x	168.0 x 82.0	108.140	x
87.0 x 35.0	23.910	x	104.0	137.160	x
88.0 x 42.0	29.010	x	110.0	145.070	x
46.0	31.780	x	170.0 x 160.0	213.520	x
89.0 x 38.0	26.55	x	180.0 x 71.0	100.200	x
94.0 x 41.0	30.250	x	190.0 x 75.0	111.860	x
58.0	42.800	x	90.0	134.240	x
71.0	52.390	x	111.0	165.560	x
80.0	59.030	x	125.0	186.440	x
92.0	67.890	x	200.0 x 10.0	16.000	x
96.0 x 26.0	19.590	x	15.0	24.000	x
36.0	27.130	x	100.0	157.000	x
100.0 x 12.0	9.420	x	165.0	259.050	x
25.0	19.630	x	210.0 x 110.0	181.340	x
108.0 x 48.0	40.320	x	135.0	222.550	x
53.0	44.930	x	240.0 x 140.0	263.760	x
60.0	50.870	x	250.0 x 10.0	19.630	x

Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Flat bar, rolled



- 28 -

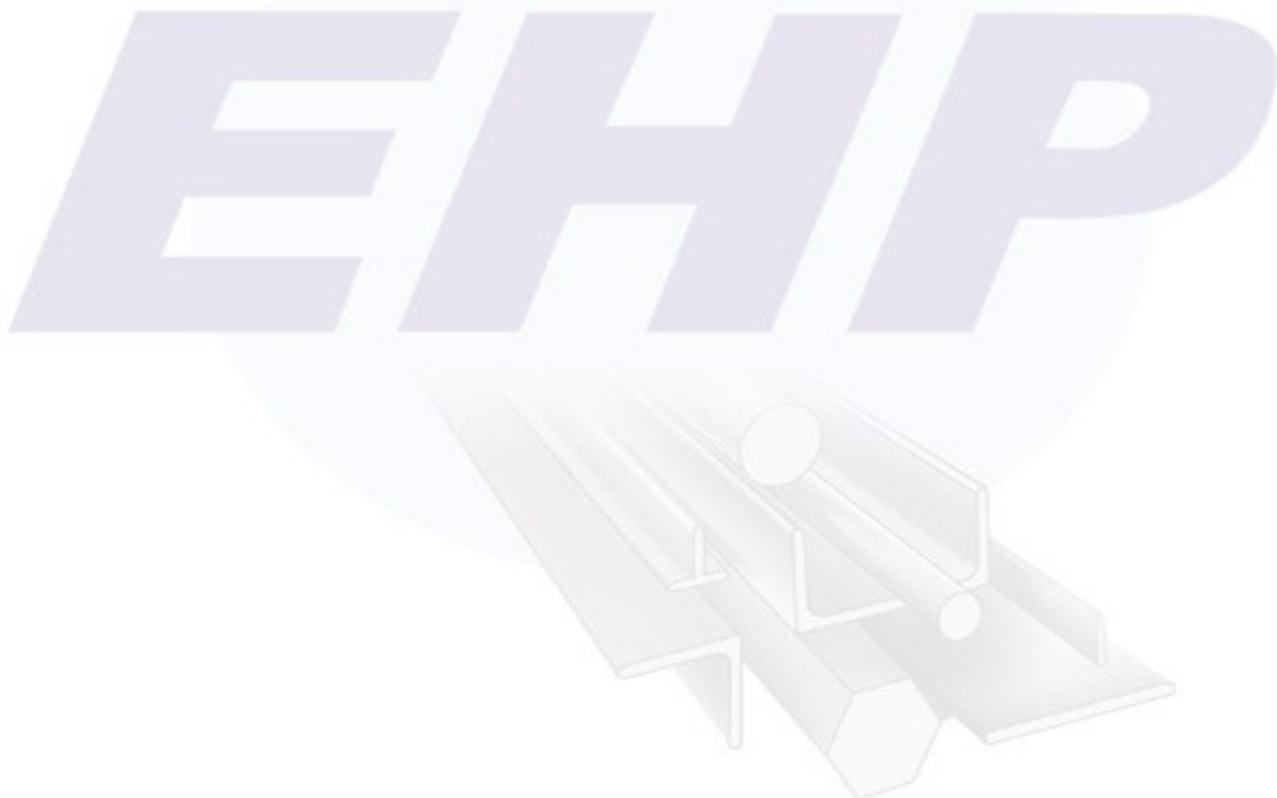
Complies with DIN 1017

DIN EN 10058 or DIN 7527 sheet 6

Length = approx. 2-3 m

Test certificate EN 10204/3.1 AD 2000 W2

Dimensions	kg/mtr.	Mat. no. 1.4435	Dimensions	kg/mtr.	Mat. no. 1.4435
255.0 x 245.0	400.430	x			
270.0 x 135.0	286.130	x			

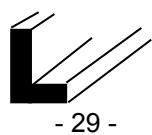


Other grades and dimensions available upon request!

We can custom-make nearly every profile in a wide variety of grades.

In selecting the bar length, we can take into account the dimensions that are most economical for you.
Processing: aesthetic finish on all sides up to 600 grit

Angle bar, mill finish and sharp edges



Drawn, mill finish, complies with DIN 59370

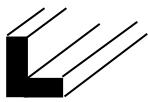
Length = approx. 3-4 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
10 x 10 x 2	0.280	x	
15 x 15 x 2	0.440	x	
15 x 3	0.640	x	
20 x 20 x 2	0.600	x	
20 x 3	0.870	x	
25 x 25 x 3	1.110	x	
30 x 30 x 3	1.340	x	
30 x 4	1.760	x	
35 x 35 x 4	2.070	x	
36 x 36 x 4	2.110	x	
40 x 40 x 3	1.810	x	
40 x 4	2.390	x	
40 x 5	2.940	x	
45 x 45 x 5	3.340	x	
50 x 50 x 5	3.730	x	
50 x 6	4.430	x	
60 x 60 x 6	5.370	x	
60 x 8	7.080	x	

Other grades and dimensions available from factory inventory!
Processing: aesthetic finish on all sides up to 600 grit

Angles, equal legs



- 30 -

Hot rolled, tolerances comparable to DIN 1028

Length = approx. 6 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
20 x 20 x 3	0.880	x	x
20 x 4	1.140	x	
25 x 25 x 3	1.120	x	x
25 x 4	1.450	x	x
30 x 30 x 3	1.360	x	x
30 x 4	1.780	x	x
30 x 6	2.560		
35 x 35 x 4	2.100	x	x
35 x 6	3.100		
40 x 40 x 4	2.420	x	x
40 x 5	2.970	x	x
45 x 45 x 5	3.380	x	
50 x 50 x 5	3.830	x	x
50 x 6	4.470		
50 x 7	5.150		
50 x 10	7.110		
60 x 60 x 6	5.420	x	x
60 x 8	7.090		x
60 x 10	8.690	x	
70 x 70 x 7	7.470	x	x
80 x 80 x 8	9.660	x	x
80 x 10	11.900		
100 x 100 x 10	15.200	x	x

Other grades and dimensions available from factory inventory!

Processing: aesthetic finish on all sides up to 600 grit

Angles, unequal legs



- 31 -

Hot rolled, tolerances comparable to DIN 1029

Length = approx. 6 m

Test certificate EN 10204/3.1

Dimensions	kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
20 x 10 x 3	0.650		
25 x 15 x 3	0.890		
30 x 15 x 3	1.010		
20 x 3	1.130		
20 x 4	1.470	x	x
40 x 20 x 3	1.370	x	x
20 x 4	1.790	x	x
30 x 5	2.600	x	
45 x 30 x 4	2.270	x	
30 x 5	2.790	x	
50 x 30 x 4	2.430	x	x
30 x 5	2.980	x	x
40 x 5	3.400	x	
60 x 30 x 5	3.400	x	x
40 x 5	3.800	x	x
40 x 6	4.510	x	x
65 x 50 x 5	4.400		x
50 x 7	6.050		
70 x 50 x 6	5.470		x
50 x 7	6.610		x
75 x 55 x 7	6.890		x
80 x 40 x 6	5.470	x	
40 x 8	7.170	x	x
65 x 6	6.670	x	
65 x 8	8.770	x	
90 x 60 x 6	6.910		x
60 x 8	9.090		
100 x 50 x 6	6.910	x	
50 x 8	9.090	x	
50 x 10	11.200	x	
65 x 7	8.850	x	
65 x 8	10.050	x	
65 x 9	11.090	x	
75 x 9	11.950		

Other grades and dimensions available from factory inventory!

Processing: aesthetic finish on all sides up to 600 grit

Angles, unequal legs



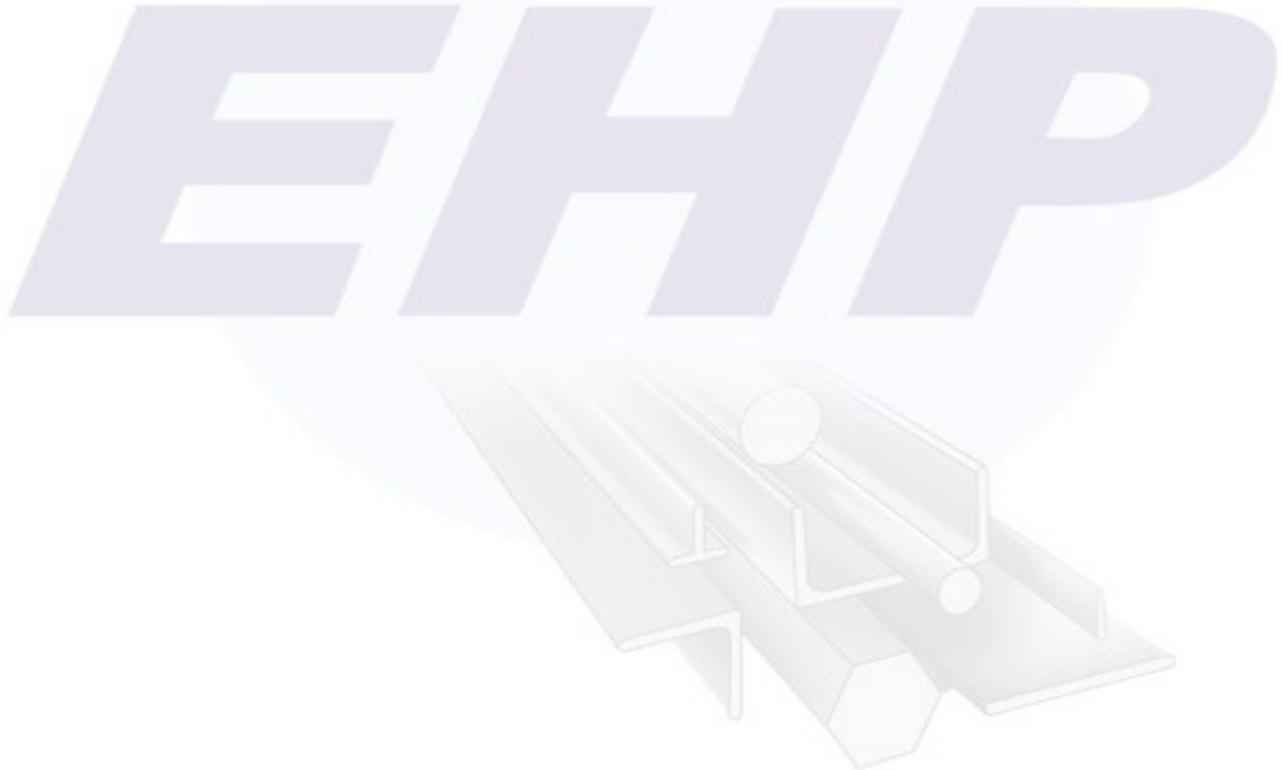
- 32 -

Hot rolled, tolerances comparable to DIN 1029

Length = approx. 6 m

Test certificate EN 10204/3.1

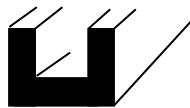
Dimensions	kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
120 x 80 x 8	12.000		x
80 x 10	14.900	x	
130 x 65 x 8	11.900	x	
150 x 75 x 10	16.800	x	



Other grades and dimensions available from factory inventory!

Processing: aesthetic finish on all sides up to 600 grit

U channels



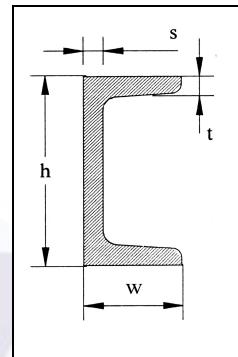
- 33 -

Hot rolled, tolerances comparable to DIN 1026

Length = approx. 6 m

Test certificate EN 10204/3.1

Dimensions h x w x s x t	kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
30 x 15 x 4 x 4.5	1.780	x	
40 x 20 x 3 x 3.5	1.800	x	
35 x 5 x 7	4.800		
50 x 25 x 3 x 3.5	2.280		
25 x 5 x 6	4.200		x
38 x 5 x 7	5.700		
60 x 30 x 6 x 6	5.100	x	
65 x 42 x 5 x 7	7.400	x	
80 x 40 x 4 x 4	4.900		
40 x 5 x 5	5.900	x	
40 x 6 x 6	7.060	x	x
40 x 6 x 8	8.800	x	x
100 x 50 x 4 x 4	6.100	x	
50 x 5 x 5	7.650	x	
50 x 6 x 6	8.900	x	x
120 x 55 x 7 x 9	13.500	x	
60 x 6 x 6	10.900		x
150 x 75 x 9 x 9	20.000		x



Other grades and dimensions available from factory inventory!

T profiles



- 34 -

Hot rolled, tolerances comparable to DIN 1024

Length = approx. 6 m

Test certificate EN 10204/3.1

Dimensions		kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
20 x	20 x 3	0.900	x	
25 x	25 x 3	1.100	x	
	25 x 4	1.500	x	
30 x	30 x 3	1.400	x	
	30 x 4	1.800	x	
	60 x 6	3.700		
35 x	35 x 4	2.100	x	
40 x	40 x 4	2.400	x	
	40 x 5	3.000	x	x
	80 x 7	6.200		x
50 x	50 x 5	3.800	x	x
60 x	60 x 6	5.500	x	
70 x	70 x 7	7.500		
80 x	80 x 8	9.700	x	

Other grades and dimensions available from factory inventory!

Round tube, welded



- 35 -

DIN 2463 D3/T3, heat-treated upon request
Calibrated, V=1.0 Length = approx. 6 m

Dimensions		kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 14404	Mat. no. 1.4571
6.0 x	1.0	0.125	x			x
8.0 x	1.0	0.175	x			x
	1.5	0.244	x			
10.0 x	1.0	0.225	x	x		x
	1.5	0.319	x			x
12.0 x	1.0	0.275	x			x
	1.5	0.394	x			x
	2.0	0.501	x			
13.0 x	1.0	0.300	x			
14.0 x	1.0	0.326	x			x
	1.5	0.470	x			
	2.0	0.601	x	x		
15.0 x	1.0	0.351	x			x
	1.5	0.507	x	x		x
	2.0	0.651	x			
16.0 x	1.0	0.376	x			
	1.5	0.545	x			x
	2.0	0.701	x	x		
17.2 x	1.5	0.625	x			
	2.0	0.761	x			
	2.3	0.858	x			x
18.0 x	1.0	0.426	x			
	1.5	0.620	x			x
	2.0	0.801	x			x
20.0 x	1.0	0.476	x			x
	1.5	0.695	x	x		x
	2.0	0.901	x	x		x
	3.0	1.277	x			
21.3 x	1.6	0.789	x			x
	2.0	0.967	x	x		x
	2.6	1.217	x			x
22.0 x	1.0	0.526	x			
	1.5	0.770	x			
	2.0	1.002	x	x		
23.0 x	1.5	0.808	x			

Other grades and dimensions available from factory inventory, including finished styles.
Seamless pipes and pipe accessories available upon request!

Round tube, welded



- 36 -

DIN 2463 D3/T3, heat-treated upon request
Calibrated, V=1.0 Length = approx. 6 m

Dimensions	kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 14404	Mat. no. 1.4571
25.0 x 1.0	0.601	x			x
	1.5	0.883	x	x	x
25.0 x 2.0	1.152	x	x		x
	2.5	1.409	x		
26.9 x 1.6	1.014	x			x
	2.0	1.247	x	x	x
	2.6	1.582	x	x	x
28.0 x 1.0	0.676	x			
	1.5	0.995	x		x
	2.0	1.302	x		x
30.0 x 1.0	0.726	x			x
	1.5	1.070	x		
	2.0	1.402	x	x	x
	2.5	1.722	x		
	3.0	2.028	x		
32.0 x 1.0	0.776	x			
	1.5	1.146	x		
	2.0	1.502	x		
33.7 x 1.6	1.286	x			
	2.0	1.588	x	x	x
	2.6	2.025	x		x
	2.9	2.237	x		
	3.2	2.444	x		x
35.0 x 1.5	1.258	x			x
	2.0	1.653	x	x	
36.0 x 2.0	1.703	x			
38.0 x 1.0	0.926	x			
	1.5	1.371	x		
	2.0	1.803	x		x
	2.6	2.305	x		
40.0 x 1.0	0.977	x			
	1.5	1.446	x		
	2.0	1.903	x	x	x
	3.0	2.779	x		
42.4 x 2.0	2.023	x	x		x

Other grades and dimensions available from factory inventory, including finished styles.
Seamless pipes and pipe accessories available upon request!

Round tube, welded



- 37 -

DIN 2463 D3/T3, heat-treated upon request
Calibrated, V=1.0 Length = approx. 6 m

Dimensions	kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 14404	Mat. no. 1.4571
42.4 x	2.6	2.591	x		x
	3.2	3.141	x	x	x
44.5 x	1.5	1.615	x		
	2.0	2.128	x		x
	2.6	2.728	x		x
45.0 x	1.5	1.620	x		
48.3 x	1.5	1.871	x		
	2.0	2.319	x	x	x
	2.6	2.975	x	x	x
	3.2	3.614	x		x
	3.6	4.029	x		x
50.0 x	1.0	1.227	x		
	1.5	1.822	x		
	2.0	2.404	x		x
	2.0	2.454	x		
52.0 x	1.0	1.277	x		
	1.5	1.897	x		
	2.0	2.504	x		
53.0 x	1.5	1.934	x		x
54.0 x	2.0	2.604	x		x
55.0 x	1.5	2.010	x		
	2.0	2.650	x		
56.0 x	1.5	2.050	x		
57.0 x	2.0	2.754	x		
	3.0	3.929	x		
60.0 x	1.0	1.480	x		
	1.5	2.185	x		
60.3 x	2.0	2.920	x	x	x
	2.6	3.757	x		x
	2.9	4.168	x		x
	3.2	4.575	x		
	3.6	5.111	x		x
	3.9	5.530	x		
63.5 x	1.6	2.480	x		
65.0 x	2.0	3.150	x		

Other grades and dimensions available from factory inventory, including finished styles.
Seamless pipes and pipe accessories available upon request!

Round tube, welded



- 38 -

DIN 2463 D3/T3, heat-treated upon request
Calibrated, V=1.0 Length = approx. 6 m

Dimensions		kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 14404	Mat. no. 1.4571
70.0 x	1.5	2.573	x			
	2.0	3.405	x			x
	3.0	5.033	x			
76.1 x	1.6	2.985	x			
	2.0	3.711	x			x
	2.6	4.785	x			x
	2.9	5.315	x			x
	3.6	6.535	x			x
80.0 x	1.5	2.948	x			
	2.0	3.906	x			
	4.0	7.620	x			
83.0 x	1.5	3.061	x			
84.0 x	2.0	4.107	x			x
85.0 x	2.0	4.157	x			x
88.9 x	2.0	4.352	x			x
	2.6	5.618	x			x
	3.0	6.557	x			
	3.2	6.867	x			x
	4.0	8.504	x			x
100.0 x	1.5	3.720	x			
101.6 x	2.0	4.988	x			
	3.0	7.407	x	x		
104.0 x	2.0	5.108	x			x
108.0 x	2.0	5.308	x			x
	3.0	7.888	x			x
	4.0	10.417	x			
	2.0	5.624	x			x
114.3 x	2.6	7.272	x			x
	2.9	8.089	x			
	3.0	8.361	x			x
	3.6	9.979	x			x
	4.0	11.048				x
129.0 x	2.0	6.360	x			x
133.0 x	4.0	12.921				
139.7 x	2.0	6.896	x			x

Other grades and dimensions available from factory inventory, including finished styles.
Seamless pipes and pipe accessories available upon request!

Round tube, welded



- 39 -

DIN 2463 D3/T3, heat-treated upon request
Calibrated, V=1.0 Length = approx. 6 m

Dimensions	kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 14404	Mat. no. 1.4571
139.7 x 4.0	13.592	x			x
154.0 x 2.0	7.612	x			x
168.3 x 2.0	8.328	x			x
	2.6	10.788	x		x
	3.0	12.417	x		x
	4.0	16.456	x		
204.0 x 2.0	10.116	x			
219.1 x 2.0	10.872				x
	3.0	16.233	x		x



Other grades and dimensions available from factory inventory, including finished styles.
Seamless pipes and pipe accessories available upon request!

Square tube, welded



- 40 -

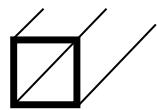
Welded stainless steel pipe

Not heat-treated Length = approx. 6 m

Dimensions	kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 1.4571
10.0 x 10.0 x 1.0	0.313	x		
15.0 x 15.0 x 1.0	0.453	x		
15.0 x 1.5	0.661	x		
16.0 x 16.0 x 1.5	0.690	x		
20.0 x 20.0 x 1.0	0.611	x	x	
20.0 x 1.5	0.890	x		
20.0 x 2.0	1.159	x	x	x
25.0 x 25.0 x 1.0	0.771	x		
25.0 x 1.2	0.917	x		
25.0 x 1.5	1.129	x		
25.0 x 2.0	1.475	x	x	x
30.0 x 30.0 x 1.0	0.931	x		
30.0 x 1.2	1.108	x		
30.0 x 1.5	1.371	x		
30.0 x 2.0	1.795	x	x	x
30.0 x 3.0	2.643	x		
35.0 x 35.0 x 1.5	1.612	x		
35.0 x 2.0	2.115	x	x	
35.0 x 3.0	3.024	x		
40.0 x 40.0 x 1.2	1.494	x		
40.0 x 1.5	1.852	x		
40.0 x 2.0	2.434	x	x	x
40.0 x 2.5	3.003	x		
40.0 x 3.0	3.562	x	x	x
40.0 x 4.0	4.737	x		x
45.0 x 45.0 x 2.0	2.756	x		
50.0 x 50.0 x 1.5	2.332	x		
50.0 x 2.0	3.078	x	x	x
50.0 x 2.5	3.806	x		
50.0 x 3.0	4.533	x		x
50.0 x 4.0	5.997	x	x	x
60.0 x 60.0 x 2.0	3.724	x	x	
60.0 x 2.5	4.612	x		
60.0 x 3.0	5.494	x		x
60.0 x 4.0	7.267	x		x
80.0 x 80.0 x 2.0	5.040	x		

Other grades and dimensions available from factory inventory, including finished styles.

Square tube, welded



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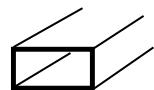
Welded stainless steel pipe

Not heat-treated Length = approx. 6 m

Dimensions		kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 1.4571
80.0 x	80.0 x 2.5	6.268	x		
	80.0 x 3.0	7.484	x		x
	80.0 x 4.0	9.878	x		x
	80.0 x 5.0	12.348	x		x
100.0 x	100.0 x 2.0	6.400	x	x	x
	100.0 x 3.0	9.525	x		
	100.0 x 4.0	12.600	x		
	100.0 x 5.0	15.624	x		
120.0 x	120.0 x 2.0	7.520	x		
	120.0 x 3.0	11.258	x		
	120.0 x 4.0	15.030	x		
	120.0 x 5.0	18.513	x		

Other grades and dimensions available from factory inventory, including finished styles.

Rectangular tube, welded



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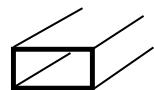
Welded stainless steel pipe

Not heat-treated Length = approx. 6 m

Dimensions	kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 1.4571
20.0 x 10.0 x 1.0	0.453	x		
10.0 x 1.2	0.536	x		
10.0 x 1.5	0.661	x	x	
25.0 x 15.0 x 1.5	0.890	x		
30.0 x 10.0 x 1.5	0.890	x		
30.0 x 15.0 x 1.2	0.820	x		
15.0 x 1.5	1.010	x		x
15.0 x 2.0	1.302	x		
30.0 x 20.0 x 1.5	1.129	x		
20.0 x 2.0	1.475	x	x	x
40.0 x 15.0 x 1.5	1.259	x		
40.0 x 20.0 x 1.2	1.108	x		
20.0 x 1.5	1.371	x	x	
20.0 x 2.0	1.795	x	x	x
40.0 x 30.0 x 1.5	1.612	x		
30.0 x 2.0	2.115	x		x
50.0 x 20.0 x 1.5	1.610	x		
20.0 x 2.0	2.115	x		
50.0 x 25.0 x 1.5	1.734	x		
25.0 x 2.0	2.275	x		
50.0 x 30.0 x 1.5	1.852	x		
30.0 x 2.0	2.434	x	x	x
30.0 x 3.0	3.562	x		
50.0 x 40.0 x 2.0	2.756	x		
60.0 x 20.0 x 2.0	2.434	x	x	
60.0 x 30.0 x 1.5	2.090	x		
30.0 x 2.0	2.756	x		x
30.0 x 3.0	4.040	x	x	
60.0 x 40.0 x 1.5	2.332	x		
40.0 x 2.0	3.078	x		x
40.0 x 2.5	3.806	x		
40.0 x 3.0	4.533	x		
40.0 x 4.0	6.018	x		x
80.0 x 40.0 x 2.0	3.724	x	x	x
40.0 x 2.5	4.612	x		
40.0 x 3.0	5.494	x	x	x
40.0 x 4.0	7.267	x		

Other grades and dimensions available from factory inventory, including finished styles.

Rectangular tube, welded



- 43 -

Welded stainless steel pipe

Not heat-treated Length = approx. 6 m

Dimensions	kg/mtr.	Mat. no. 1.4301	Centerless ground 240#/320# 1.4301	Mat. no. 1.4571
80.0 x 50.0 x 2.0	4.000	x		
50.0 x 3.0	5.952	x		
80.0 x 60.0 x 2.0	4.379	x		
60.0 x 3.0	6.494	x		
100.0 x 40.0 x 2.0	4.379	x		x
40.0 x 2.5	5.443	x		
40.0 x 3.0	6.494	x		
100.0 x 50.0 x 2.0	4.684	x		x
50.0 x 3.0	6.952	x		x
50.0 x 4.0	9.268	x	x	x
100.0 x 60.0 x 2.0	5.040	x		
60.0 x 3.0	7.484	x		
120.0 x 40.0 x 2.0	4.379	x		
40.0 x 3.0	6.494	x		
120.0 x 60.0 x 2.0	5.642	x		
60.0 x 3.0	8.387	x		x
60.0 x 4.0	11.083	x		x
120.0 x 80.0 x 3.0	9.343	x		
140.0 x 80.0 x 3.0	10.220	x		
150.0 x 50.0 x 4.0	12.400	x		

Other grades and dimensions available from factory inventory, including finished styles.

Hollow tube, hot worked



- 44 -

Round inside and out, hot worked, heat-treated, pickled

DIN 17440/8/II/III or 17456/17458.1

Tol.: exterior diameter + / interior diameter -,

Length = 2-7 m

Dimensions	Thickness	Weight -0/+20% kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
32 x 16 x	8.00	4.700		x
	20 x	6.00	3.800	
36 x 16 x	10.00	6.400		
	20 x	8.00	5.500	
	25 x	5.50	4.100	
40 x 20 x	10.00	7.400		x
	25 x	7.50	6.000	
	28 x	6.00	5.000	
45 x 20 x	12.50	10.000		x
	28 x	8.50	7.600	x
	32 x	6.50	6.200	x
50 x 25 x	12.50	11.600		
	32 x	9.00	9.100	
	36 x	7.00	7.400	
56 x 28 x	14.00	14.500		
	36 x	10.00	11.300	
	40 x	8.00	9.500	x
60 x 40 x	10.00	12.300		
	44 x	8.00	10.400	
63 x 32 x	15.50	18.100		
	36 x	13.50	16.500	
	40 x	11.50	14.600	
	45 x	9.00	12.000	
	50 x	6.50	9.100	x
70 x 50 x	10.00	15.020		
71 x 36 x	17.50	23.100		
	40 x	15.50	21.200	x
	45 x	13.00	18.600	x
	56 x	7.50	11.700	
75 x 40 x	17.50	24.800		
76 x 58 x	9.00	15.090		
80 x 40 x	20.00	29.600	x	
	45 x	17.50	27.000	
	50 x	15.00	24.000	x

Other grades and dimensions available from factory inventory!

Hollow tube, hot worked



- 45 -

Round inside and out, hot worked, heat-treated, pickled

DIN 17440/8/II/III or 17456/17458.1

Tol.: exterior diameter + / interior diameter -,

Length = 2-7 m

Dimensions	Thickness	Weight -0/+20% kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
80 x 63 x	8.50	15.000	x	
85 x 45 x	20.00	32.000	x	
90 x 50 x	20.00	34.500	x	
	56 x	17.00	30.600	x
	63 x	13.50	25.500	x
	71 x	9.50	18.800	x
95 x 50 x	22.50	40.900		
100 x 56 x	22.00	42.300		
	63 x	18.50	37.200	
	71 x	14.50	30.600	
	80 x	10.00	22.200	x
106 x 56 x	25.00	49.900		
	63 x	21.50	44.800	
	71 x	17.50	38.200	
	80 x	13.00	29.800	x
112 x 63 x	24.50	52.800		
	71 x	20.50	46.200	
	80 x	16.00	37.800	x
	90 x	11.00	27.400	x
118 x 63 x	27.50	61.300		
	71 x	23.50	54.700	
	80 x	19.00	46.300	
	90 x	14.00	35.900	x
125 x 71 x	27.00	65.200		
	80 x	22.50	56.800	x
	90 x	17.50	46.400	x
	100 x	12.50	34.600	
132 x 71 x	30.50	76.300		
	80 x	26.00	67.900	
	90 x	21.00	54.400	
	106 x	13.00	38.100	
140 x 80 x	30.00	81.300	x	
	90 x	25.00	70.800	
	100 x	20.00	59.100	

Other grades and dimensions available from factory inventory!

Hollow tube, hot worked



- 46 -

Round inside and out, hot worked, heat-treated, pickled

DIN 17440/8/II/III or 17456/17458.1

Tol.: exterior diameter + / interior diameter -,

Length = 2-7 m

Dimensions	Thickness	Weight -0/+20% kg/mtr.	Mat. no. 1.4301	Mat. no. 1.4571
140 x 112 x	14.00	43.500	x	
150 x 80 x	35.00	99.200		
	95 x	27.50	84.350	
	106 x	22.00	69.400	
	125 x	12.50	42.300	x
160 x	112 x	24.00	80.400	
	122 x	19.00	67.100	
	132 x	14.00	50.500	x
170 x	106 x	32.00	110.600	
	118 x	26.00	92.200	x
	130 x	20.00	73.900	x
	140 x	15.00	57.300	x
180 x	125 x	27.50	103.300	
	130 x	25.00	97.030	
	150 x	15.00	61.000	x
190 x	132 x	29.00	115.000	
	150 x	20.00	83.800	
	160 x	15.00	64.700	
200 x	140 x	30.00	127.700	
	150 x	25.00	109.600	
	160 x	20.00	90.200	x
212 x	130 x	41.00	175.600	
	170 x	21.00	100.500	
224 x	140 x	42.00	191.400	
	170 x	27.00	133.610	x
	180 x	22.00	111.300	
236 x	150 x	43.00	207.800	
	190 x	23.00	122.700	
250 x	200 x	25.00	140.900	x

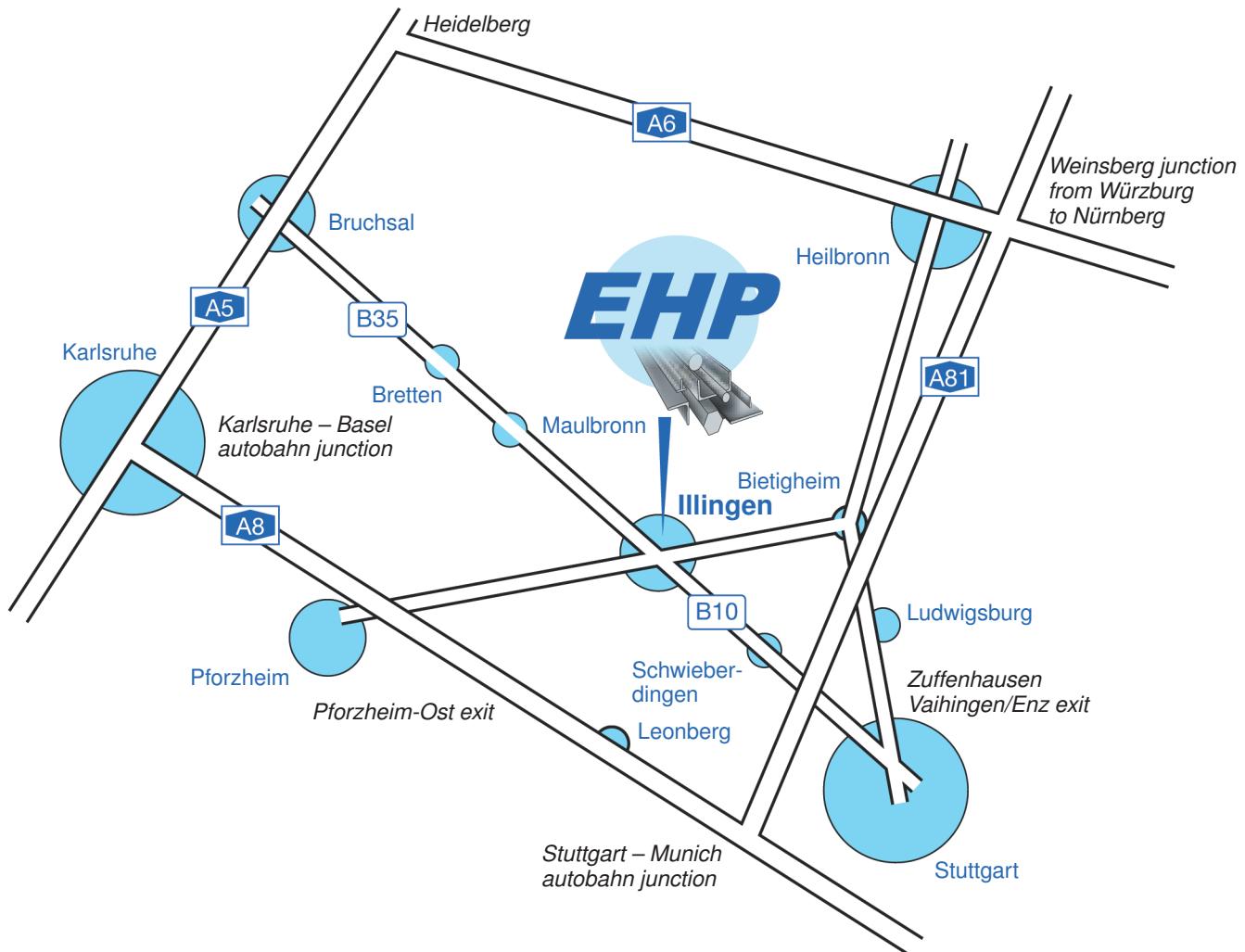
Other grades and dimensions available from factory inventory!

EHP GmbH - Edelstahl Handel Profile

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Directions

Coming from Stuttgart

B10 → right after the Esso gas station, head towards Illingen → Industriegebiet Ost

Coming from München

Take Pforzheim Ost exit → head towards Mühlacker / Stuttgart

→ At the intersection of B10 / B35 (Agip gas station on the left)

→ head towards Stuttgart, turn left at the next stoplight towards Illingen → Industriegebiet Ost

Coming from Frankfurt / Heidelberg

On the A5, take the Bruchsal exit → Take the B35 towards Stuttgart → Turn right at next stoplight

→ At the intersection of B10 / B35, take a left towards Illingen → Industriegebiet Ost