



# 1.1730 C 45 U

## EcoPlan™ 150/200/300 - precision flat steel (according to DIN 59350) In cost-effective short lengths

### Specification:

Annealed, Strength 500–700 MPa,  
Hardness max. 207 HB,  
Precision-machined on all sides, including  
the length, without decarburization.

### Tolerances:

width +0.40 / -0  
thickness mm  
length +0.25 / -0  
mm  
+0.40 / -0  
mm

length: 150,0 mm price per piece

150		thickness [mm]								
		8.0	10.0	12.0	15.0	20.0	25.0	30.0	40.0	50.0
width [mm]	20.0	6	6	6	7	8				
	25.0	6	6	6	7	8	9			
	30.0	6	6	6	8	8	10	13		
	40.0	7	7	7	8	10	10	14	15	
	50.0	7	7	8	9	10	11	15	16	20
	60.0	8	8	9	9	11	12	17	17	21
	80.0	9	10	12	13	13	15	20	20	24
	100.0	11	12	14	13	15	19	23	25	31
	120.0	12	14	16	19	21	22	27	30	35
	150.0	17	19	20	21	22	23	29	31	42

length: 200.0 mm price per piece

200		thickness [mm]								
		15.0	20.0	25.0	30.0	40.0	50.0	60.0	80.0	100.0
width [mm]	100.0	18	20	25	27	33	42	46	61	69
	150.0	26	28	31	34	42	58	62	79	92
	200.0	33	35	38	44	54	69	76	95	114

length: 300.0 mm price per piece

300		thickness [mm]								
		15.0	20.0	25.0	30.0	40.0	50.0	60.0	80.0	100.0
width [mm]	100.0	25	28	31	33	42	52	58	76	92
	150.0	32	33	38	45	55	75	81	100	121
	200.0	45	48	55	59	71	87	100	128	154
	250.0	52	55	61	68	85	106	121	155	187
	300.0	59	61	68	76	97	122	135	178	215

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WebShop:  
98 www.stahlnetz.de



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# 1.1730 C 45 U

## EcoPlan™ 400/600/800 - precision flat steel (according to DIN 59350) In cost-effective short lengths

### Specification:

Annealed, Strength 500–700 MPa,  
Hardness max. 207 HB,  
Precision-machined on all sides, including  
the length, without decarburization.

### Tolerances:

width: +0.40 / -0  
thickness: mm  
length: +0.25 / -0  
mm  
+0.40 / -0  
mm

length: 400.0 mm price per piece

400		thickness [mm]											
		8.0	10.0	12.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	80.0	100.0
width [mm]	20.0	9	9	10	12	13							
	25.0	9	10	10	13	14	14						
	30.0	10	10	11	14	15	15	21					
	40.0	11	11	13	15	16	17	24	25				
	50.0	12	13	15	17	19	20	27	28	33			
	60.0	14	15	16	20	20	22	31	31	37	49		
	80.0	16	17	21	24	24	28	38	39	45	60	69	
	100.0	20	22	26	28	29	33	44	47	57	70	82	105
	120.0	23	25	29	33	38	39	51	53	63	82	96	121
	150.0	31	33	38	41	45	51	59	65	76	97	117	147
	200.0	39	42	46	50	60	61	80	83	101	123	153	188
	250.0	50	52	58	61	66	74	85	102	123	146	183	231
300.0	56	60	65	72	76	80	91	122	145	178	215	271	
400.0	86	87	96	85	96	110	124	157	190	217	263	353	

length: 600.0 mm price per piece

600		thickness [mm]								
		15.0	20.0	25.0	30.0	40.0	50.0	60.0	80.0	100.0
width [mm]	100.0	45	52	56	61	73	82	95	126	155
	150.0	56	70	81	91	107	122	132	169	214
	200.0	73	90	104	116	138	156	169	216	268
	250.0	87	107	124	139	166	187	214	266	333
	300.0	95	117	137	153	179	207	246	310	386
	350.0	113	129	163	169	223	266	309	399	506

length: 800.0 mm price per piece

800		thickness [mm]											
		8.0	10.0	12.0	15.0	20.0	25.0	30.0	40.0	50.0	60.0	80.0	100.0
width [mm]	80.0	30	31	38	45	48	50	72	73	82	109	123	
	100.0	35	39	46	53	52	59	85	86	100	127	146	187
	120.0	40	45	52	61	67	69	99	99	112	147	170	217
	150.0	56	60	67	74	81	91	121	119	135	180	208	261
	200.0	69	75	81	93	106	108	154	152	180	232	272	335
	250.0	90	93	102	114	117	132	187	186	220	277	325	411
	300.0	99	106	116	133	137	156	220	222	258	327	381	481
	400.0	144	144	159	182	208	222	290	297	360	427	468	703
	500.0	163	163	183	212	238	273	357	363	450	526	628	795
	600.0	181	181	206	252	278	322	423	464	551	658	818	1052

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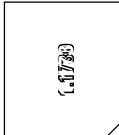
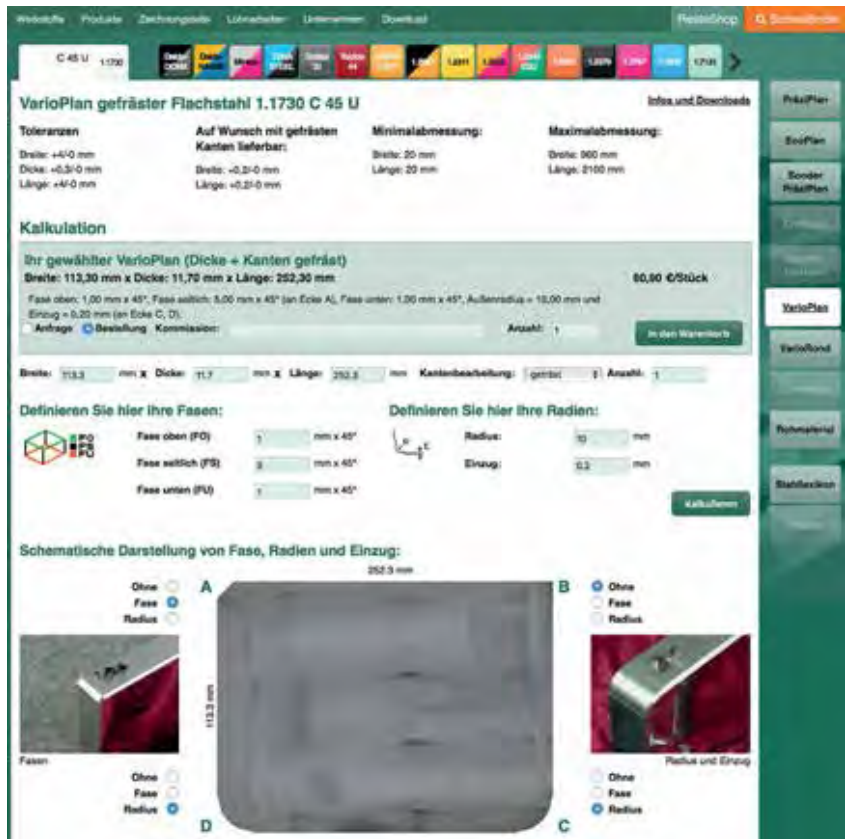
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## VarioPlan®

Finely milled semi-finished products in freely selectable dimensions.

- Flexible in width, thickness, and length
- Edges sawn or milled
- Available with chamfers and/or corner radii upon request
- Production in 2 to 3 days
- Easy calculation

Use our online calculation tool in the webshop: [www.varioplan.de](http://www.varioplan.de)



WebShop: [www.stahlnetz.de](http://www.stahlnetz.de)



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## VarioRond®

Round material sections with freely selectable length at a unit price.

### Specification and tolerances:

- Length, sawn: +3.0 / -0 mm
- Diameter: +3.0 / -1 mm Diameter range: 20–250 mm

Flexible online calculation: [www.variorond.de](http://www.variorond.de)

- Your desired length is freely selectable.
- Unit prices for your desired length.
- Sawing costs included.
- No additional surcharges.



WebShop: [www.stahlnetz.de](http://www.stahlnetz.de)



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## Raw material

Plates or cuttings thereof, hot-rolled according to EN 10029 Class B or C.

	thickness [mm]														
1.1730	9.2	11.2	13.3	15	17.5	18	20	22	25	27	30	35	40	43	45
or	50	53,5	55	60	65	66	70	73,5	75	80	84	85	90	95	100
1.0503	104	110	120	130	140	150	160	175	185	195	205	215	225	235	

Select affordable raw materials online. Also as cuttings:

[www.resteshop.de](http://www.resteshop.de)

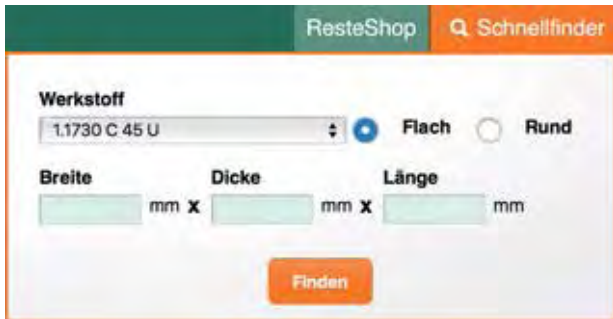
Fast, clear, and transparent:

Remnants shop and quick finder at

[www.en.stahlnetz.de](http://www.en.stahlnetz.de)

Larger dimensions than forged bars available upon request.

- We cut the cuttings according to your specifications.
- Flat bar steel is available at short notice.
- Available pre-processed as VarioPlan™.
- Round material is available as VarioRond™.



### Offcut Shop

- All materials.
- With cutting service.
- Available immediately from stock.
- Competitive special prices for remnants.
- While supplies last.

### Quickfinder

- All products compared.
- Your custom parts pre-calculated.
- Easy selection of the optimal solution.

WebShop: [www.stahlnetz.de](http://www.stahlnetz.de)



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chemical composition. [%]

	C	Si	Mn	P	S
max.	0.50	0.40	0.80	0.03	0.03
min.	0.42	0.15	0.60		

Unalloyed tool steel for the production of fixtures and machine parts, as well as base plates and tool spacers – the standard material for simple machine components.

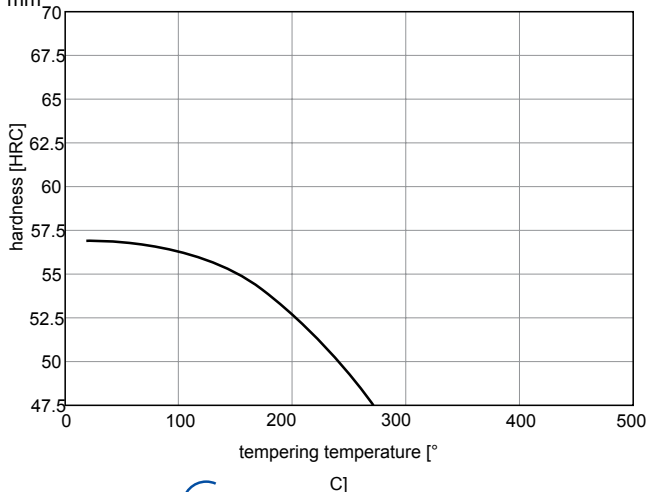
You can obtain this material from us as precision flat steel (standard and custom dimensions), EcoPlan™, VarioPlan™, VarioRond™, and as raw material cuttings.

You can also get 1.1730 from us as a finished machined drawing part according to your specifications.

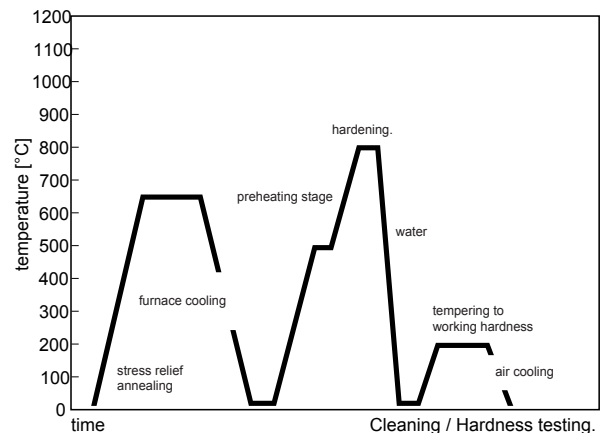
Color coding: White.

## Tempering diagram

Hardening temperature: 810°C, Sample cross-section: Sq. 20 mm



## Heat treatment schedule



WebShop: [www.stahlnetz.de](http://www.stahlnetz.de)



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