1.0570/1.0577 S 355 J2 (St52-3)

General structural steel with very good weldability, suitable for simple applications in toolmaking, molding, and mechanical engineering. Tensile strength approximately 450-680 MPa.

Color code: Orange (1.0570/1.0577)

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1.0570/1.0577 S 355 J2 (St52-3)

PräziPlan® - Precision flat steel
(according to DIN 59350)

Specifications:
Tensile strength 450-680 MPa,Thickness ground with Ra = 6 µm, width finely processed,Decarburization-free machining on all sides

Tolerances:
width: +0.2 / -0 mm
thickness: +0.2 / -0 mm
length: +40.0 / -0 mm

length: 1,000 mm — price per piece

width [mm] \ *thickness [mm]*	*4.2*	*5.2*	*6.2*	*8.2*	*10.4*	*12.4*	*15.4*	*16.4*	*20.4*	*25.4*	*30.4*	*32.4*	*40.4*	*50.4*	*60.4*	*63.4*	*70.4*	*80.4*	*100.4*
20.3			14	15	16	17	18												
25.3	14	15	15	16	17	19	21	23	24										
30.3	15	16	16	18	19	21	26		30	36									
32.3	16	17	18	19	20	22		29	32	38									
40.3	17	17	18	20	24	26	30	32	35	39	45	50							
50.3	19	20	21	23	28	31	35	38	40	46	55	58	60						
60.3	23	24	27	30	32	34	37		46	52	61	60	66	79					
63.3	25	27	29	32	35	40		48	52	55		66	75	94					
70.3	28	31	33	34	37	41	47		53	59	67		74	96	106				
80.3	31	33	35	37	41	47	53	51	61	67	73	79	82	102	117	130	134		
100.3	37	39	41	44	48	59	61	62	71	74	89	94	107	126	141	152	160	185	
120.3	40	43	47	52	58	67	74		81	87	102		123	141	165		184	217	271
125.3	42	43	49	54	62	70	77	82	86	91	110	117	132	146	157	173		221	282
140.3	46	51	58	68	73	81	87		101	107	121		141	162	185		216	251	305
150.3	50	54	61	70	76	85	93	99	102	112	126	138	148	169	180	185	223	263	324
160.3	53	60	69	73	82	91	97	104	107	115	135	144	155	182	223	228	240	267	342
175.3			75	76	90	90			107	123		155	174	196		244		292	385
180.3			79	83	90	96	103		112	121	143		173	198	230		266	303	403
200.3			81	91	99	103	111	119	123	135	162	170	186	219	251	265	292	344	413
250.3			95	110	115	128	136	149	146	163	188	207	228	274	314	335	355	407	506
300.3			115	127	135	145	160	161	171	194	219	242	271	318	376	403	407	480	615
315.3			123	152	154	168		186	196	223		255	306	359		414		509	674
350.3			149	170	169	183	198	210	219	237	259	281	303	386	433	456	520	563	699
400.3	147	165	175	186	195	205	219	234	235	253	277	299	341	411	490	520	626	721	806
450.3									255	276		323	393	477		583		753	891
500.3					204	219	235	255	256	282	339	363	438	532	615	647	721	786	994

square, length: 1,000 mm — price per piece

10.4	*12.4*	*15.4*	*16.4*	*20.4*	*25.4*	*30.4*	*32.4*	*40.4*	*50.4*	*60.4*	*63.4*	*70.4*	*80.4*	*100.4*	*120.4*	*150.4*
18	20	21	23	22	34	43	51	55	76	101	112	120	153	230	318	503

We provide special versions quickly and affordably!

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1.0570/1.0577 S 355 J2 (St52-3)

EcoPlan® 150 / 400 / 800 – Präzisionsflachstahl (nach DIN 59350) in günstigen Kurzlängen

Version:
Tensile Strength 450–680 MPa,
precision-machined on all sides,
including length

Tolerances:
Width: +0.2 / -0 mm
Thickness: +0.2 / -0 mm
Length: +0.4 / -0 mm

length: 400.3 mm — price per piece

400	thickness [mm]											
width [mm]	8.4	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4	60.4	80.4	100.4
20.3	9	10	11	12	13							
25.3	9	10	11	13	14	16						
30.3	10	11	12	14	15	17	20					
40.3	11	12	14	15	16	21	22	26				
50.3	12	12	15	16	17	23	26	29	33			
60.3	13	14	16	17	21	27	29	33	38	45		
80.3	16	19	21	24	24	33	35	41	45	53	69	
100.3	20	22	26	27	29	39	42	47	57	64	83	109
120.3	23	26	30	33	37	45	48	57	64	75	98	129
150.3	31	33	39	42	45	53	58	67	77	86	118	154
200.3	41	44	45	50	55	69	74	84	100	115	155	199
250.3	49	51	58	62	67	84	90	102	123	144	184	237
300.3	57	61	65	73	77	100	105	121	145	172	217	280
400.3	83	87	94	100	108	129	136	156	188	224	300	363

length: 150.3 mm — price per piece

150	thickness [mm]								
width [mm]	8.4	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4
20,.3	6	6	7	7	8				
25.3	6	6	7	8	8	10			
30.3	6	6	7	8	9	11	14		
40.3	7	7	8	8	10	12	16	17	
50.3	7	8	9	9	11	13	17	19	20
60.3	8	9	10	11	12	14	19	21	22
80.3	9	10	11	13	13	16	21	23	26
100.3	11	12	14	15	16	19	23	28	31
120.3	13	14	16	19	21	22	25	31	35
150.3	17	19	22	23	25	28	32	38	43

length: 800.3 mm — price per piece

800	thickness [mm]											
width [mm]	8.4	10.4	12.4	15.4	20.4	25.4	30.4	40.4	50.4	60.4	80.4	100.4
80.3	30	33	39	42	43	63	66	76	84	98	123	
100.3	34	39	46	48	52	74	78	91	100	115	148	197
120.3	41	46	53	60	64	86	91	103	115	133	174	221
150.3	56	60	68	74	81	103	109	127	139	153	209	261
200.3	73	79	81	90	98	133	140	159	179	204	276	343
250.3	88	92	102	111	119	162	170	193	219	255	327	411
300.3	100	108	115	129	136	189	201	228	257	306	385	498
400.3	129	144	159	179	191	250	261	299	334	399	570	645
500.3	152	163	179	191	208	307	324	368	433	501	628	795
600.3	173	181	206	236	278	363	386	464	551	658	818	1052

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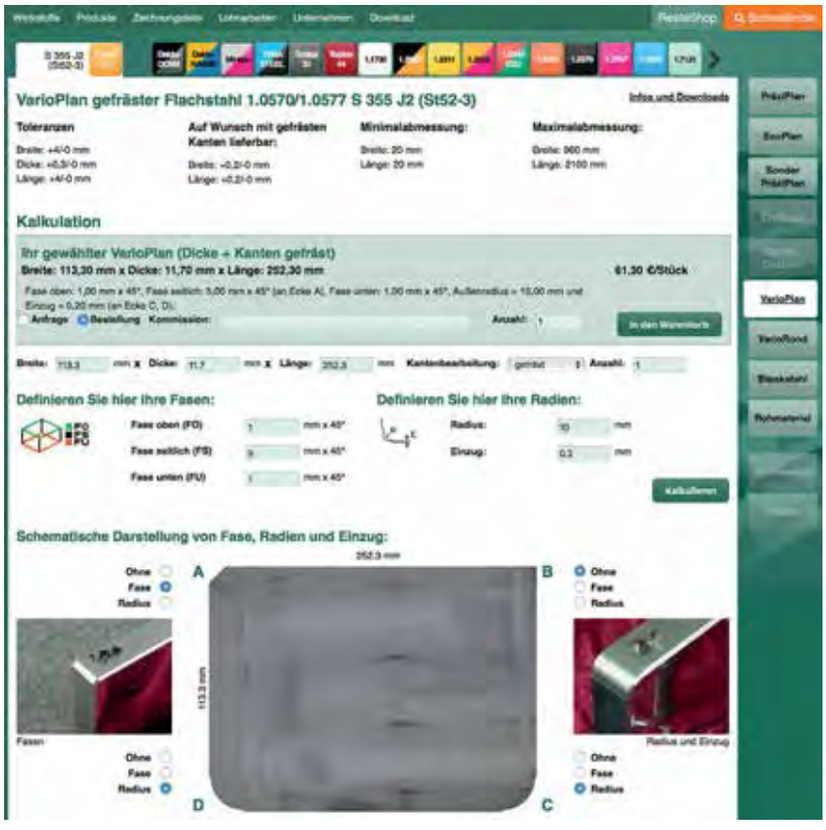
VarioPlan®

Precision-milled semi-finished products in custom dimensions

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

Use our online calculation tool on the WebShop: **www.varioplan.de**



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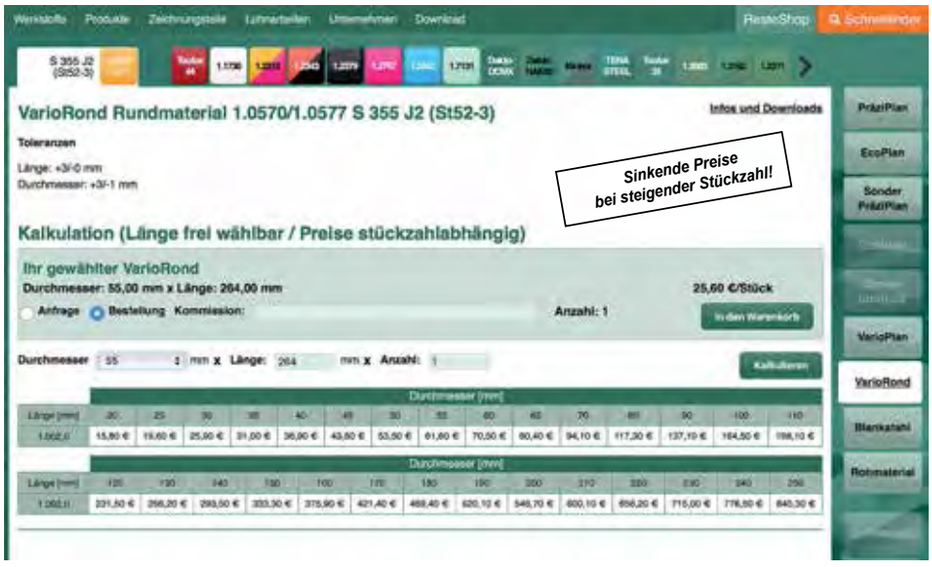
VarioRond®

Round material sections with custom length at a unit price

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

Flexible online calculation:
www.variorond.de

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



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Raw material

Plates or cut parts thereof Rolled according to EN 10029 Class B or C

Formats: 1,000 mm x 2,000 mm, 1,250 mm x 2,500 mm

	thickness [mm]														
	4	5	6	8	10	12	15	16	18	20	22	25	30	32	35
	40	45	50	55	60	65	70	75	80	90	100	110	120	130	140

Other dimensions upon request.

- **We cut blanks according to your specifications.**
- **Available as preprocessed VarioPlan®**
- **Also available as EcoPlan®**
- **You can get round material as VarioRond®**

Select affordable raw materials online, including custom cuts.

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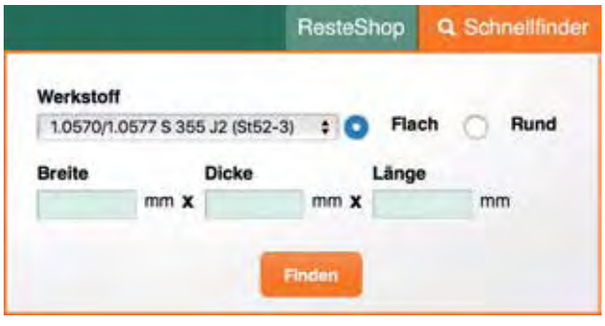

Offcut shop

- **All materials**
- **With cutting service**
- **Available from stock**
- **Special prices for remnants**
- **As long as supplies last**

Quick finder

- **Compare all products**
- **Your custom parts ready to be calculated**
- **Easy selection of the optimal solution**

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