

ENPAR, YOUR RELIABLE SUPPLIER FOR SHEET AND PLATE FROM NICKEL- AND TITANIUM ALLOYS AND STEELS WITH SPECIAL TECHNICAL PROPERTIES

SONDERWERKSTOFFE
Enpar

a voestalpine company

Enpar Sonderwerkstoffe GmbH is your competent and established partner for specialized metal processing in the European market. From ingots to ready-to-install products, we offer a complete range from one source.

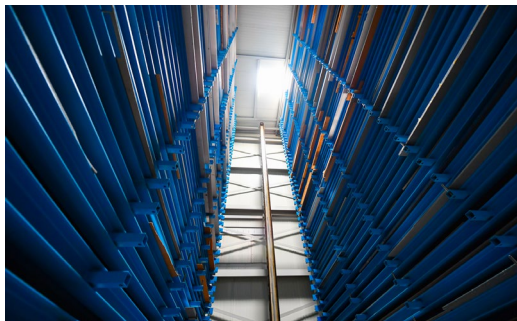
We are specialized in the production and processing of nickel and titanium materials as well as steels with specific technical properties. We accompany you from the conception of the prototype to the ready-to-install product.

SHEET AND PLATE SUPPLY

We offer you a wide portfolio of sheet and plate:

Thickness from 0.5 to 60 mm
Standard sizes up to 2000 x 6000 mm

Our stocks also allow you to purchase small quantities. In addition, we gladly supply you on an order-related basis with mill quantities from our production facilities.



Our sheet metal storage rack stores up to 300 tons.



CNC waterjet cutting machine in action.

CNC WATERJET CUTTING MACHINE

Length: 8000 mm
Width: 3000 mm
Thickness: 30 mm
Operates with one or two cutting heads

SHEET AND PLATE PROCESSING SERVICES

We offer a wide range of sheet and plate, but also process the material for you on our CNC waterjet cutting machine. Compared to other cutting processes, waterjet cutting offers distinct advantages:

- » Cold cutting without heat-affected zones
- » No deformation in the cutting area
- » Repeatable precision
- » Optimum material utilization
- » Production of parts according to technical drawings
- » All materials
- » Prototypes and small series production

QUALITY MANAGEMENT

Certificates and approvals:

- » EN 9100:2018 Aerospace
- » ISO 9001:2015
- » Pressure Equipment Directive (PED)
- » Various customer approvals

External inspections:

- » Technischer Überwachungsverein (TÜV)
- » DNV GL
- » Lloyds Register of Shipping (LR)
- » Bureau Veritas (BV)
- » Customer inspections

Destructive and non-destructive material testing:

- » Ultrasonic testing (UT)
- » Penetration testing (PT)
- » Magnetic particle testing (MT)

Our testing personnel (UT, PT and MT) is certified according to ISO 9712 Level 3



Modern certified test equipment in use.

OUR PRODUCT RANGE

Based on many years of experience in the field of material and forming technology, we offer a large selection of standard products and are also able to supply products with special properties that we develop together with you.

- » Bars
- » Open die forgings
- » Closed die forgings
- » Seamless rolled rings
- » Ingots and billets
- » Tubes and pipes
- » Special products according to your specifications



Management System
EN 9100:2018
ISO 9001:2015

www.tuv.com
ID 0910082171



Enpar - Your Freedom to Innovate!

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OUR STANDARD STOCK – SHEET AND PLATE

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Alloy	Material-No.	UNS	Specifications	0,7	0,8	0,9	1	1,2	1,5	1,6	2	2,5	3	3,2	4	5	6	6,3	8	10	12	15	16	18	20	22	25	30	31,8	40	50	60	
Alloy 625	2.4856	UNS N06625 UNS N06626	up to 1,6 mm thickness: LCF/HP-quality ASTM B443 ASME SB443 SAE AMS 5599 SAE AMS 5879 > t= 1,6 mm thickness: ASTM B443 Gr. 1 acc. to VdTÜV-Approval 499	■	■	■	■	■		■	■	■	■		■	■			■	■	■							■					
Alloy C-22	2.4602	UNS N06022	ASTM B575 ASME SB 575 DIN 17744 DIN 17750 VdTÜV-Approval 479										■		■	■	■		■	■	■	■							■				
Alloy 59	2.4605	UNS N06059	ASTM B575 DIN 17750 VdTÜV-Approval 505								■		■		■	■	■		■	■	■												
Alloy C-4	2.4610	UNS N06455	ASTM B575 DIN 17744 DIN 17750 VdTÜV-Approval 424										■		■	■			■	■													
Alloy C-276	2.4819	UNS N10276	ASTM B575 ASME SB 575 DIN 17744 DIN 17750								■		■		■	■			■														
Titan Gr 1	3.7025	UNS R50250	ASTM B265 VdTÜV-Approval 230/1						■		■																						
Titan Gr 2	3.7035	UNS R50400	ASTM B265 VdTÜV-Approval 230/1				■			■	■		■		■	■	■		■	■	■	■			■		■	■	■	■	■	■	■
Alloy 36	1.3912	UNS K93603	ASTM F1684 SEW 385										■			■	■	■	■	■	■		■		■		■	■	■	■	■		
Alloy 800H	1.4876	UNS N08810	ASTM B409 ASME SB409, acc. to VdTÜV-Approval 412/434 Ti+Al max. 0,7 %								■		■		■	■	■		■	■	■	■			■			■					
Alloy 602CA	2.4633	UNS N06025	ASTM B168 DIN 17750 DIN 17742 DIN EN 10302 VdTÜV-Approval 540								■		■		■	■				■	■	■				■							
Alloy 617	2.4663	UNS N06617	ASTM B168										■			■			■	■	■	■			■								
Alloy 600	2.4816	UNS N06600	ASTM B168 ASME SB168 DIN 17742 DIN 17750 DIN EN 10095 VdTÜV-Approval 305								■		■		■	■	■		■	■	■												
Alloy 601	2.4851	UNS N60601	ASTM B168 DIN 17750 DIN 17742								■		■		■	■	■		■	■	■	■			■								
Alloy 718	2.4668	UNS N07718	AMS 5596 ASTM B670					■			■	■		■	■	■		■		■	■			■		■							
Alloy 90	2.4632	UNS N07090	on request							■	■	■	■		■	■		■	■					■		■	■						

All statements without guarantee.

Other materials, sheet/plate thicknesses and specifications on request – there is the possibility to arrange retesting of any kind by approved testing institutes.