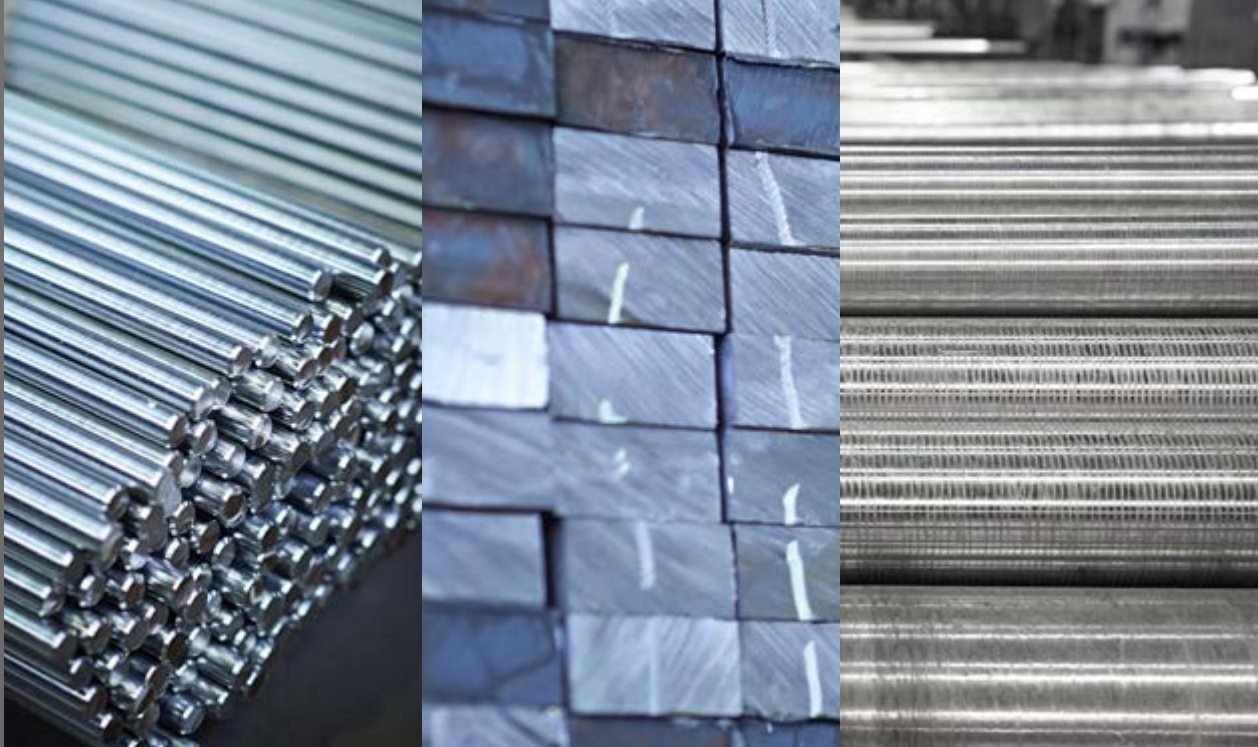


HIGH-GRADE STAINLESS STEELS
ON THE BASIS OF CASTING INTO INGOTS



The name
you can trust

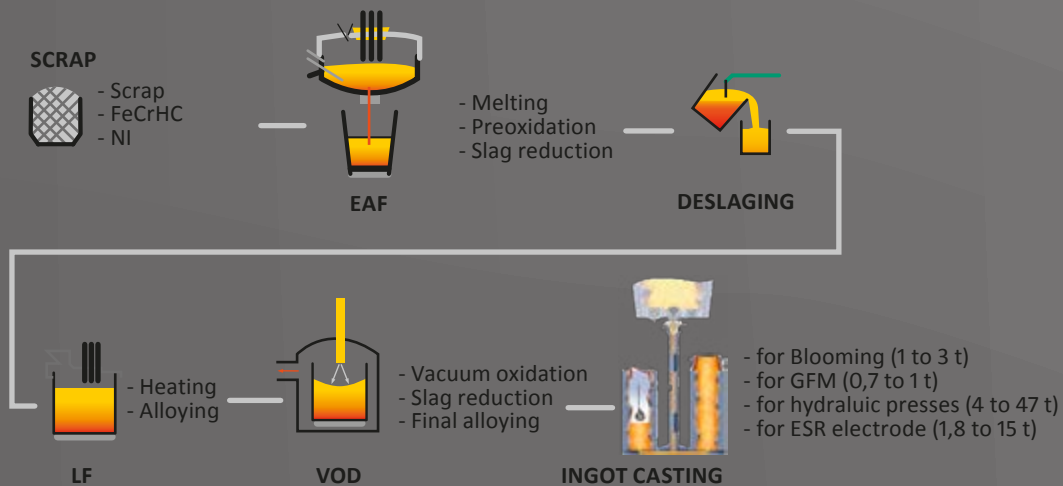
sij | metal
ravne



HIGH-GRADE STAINLESS STEELS ON THE BASIS OF CASTING INTO INGOTS

Metal Ravne is a widely recognized producer of tool and high-speed steels, stainless ferritic and martensitic steels and of special structural steels.

With VD/VOD investment, we extend our production program also into the area of stainless austenitic and precipitation hardening steels.



Our stainless steels are produced in compliance with the international EN, ASTM, ISO standards.

We supply products with known and guaranteed origin of steel.

Our own development is based on almost 400 years of tradition in the production of special steel grades. We develop non-standard steel grades together with our customers and according to their specifications.

For the most challenging conditions, we offer steel grades made according to ESR method.

GRADES	Designation Metal Ravne	Designation EN	Number W.Nr.	Designation AISI/ASTM
AUSTENITIC STEEL GRADES	PK11EX	X5CrNi18-10	1.4301	304/304L
	PK11S	X8CrNiS18-9	1.4305	303
	PK11VZ	X12CrNi17-7	1.4310	301
	PK11SP	X6CrNiTi18-10	1.4541	321
	PK11NB	X6CrNiNb18-10	1.4550	347
	PK379A			Nitronic 60/UNS S21800
	18MnCr4	X40MnCr18	1.3817	
AUSTENITIC STEEL GRADES WITH Mo	PK12	X5CrNiMo17-12-2	1.4401	316
	PK12 (+S)	X2CrNiMo17-12-2	1.4404	316
	PK327	X2CrNiMo18-14-3	1.4435	316L
	PK332	X2CrNiMo18-15-3	1.4441	
	PK12SP	X6CrNiMoTi17-12-2	1.4571	316Ti
	PK12NB	X6CrNiMoNb17-12-2	1.4580	316Cb
	PK967	X2CrNiMoN17-12-3	1.4429	
HEAT RESISTANT AUSTENITIC STEEL GRADES	PK15	X15CrNiSi20-12	1.4828	309
	PK19	X15CrNiSi25-21	1.4841	314/310
	PK20	X12NiCrSi36-16	1.4864	330
HEAT RESISTANT FERRITIC STEEL GRADES	X10CrAl7	X10CrAlSi7	1.4713	
	PK924	X10CrAlSi13	1.4724	405
	PK925	X10CrAlSi18	1.4742	
	PK10	X10CrAlSi25	1.4762	446
FERRITIC OR MARTENSITIC STEEL GRADES	PK4N	X40Cr14	1.2083	420
	PK330Nb			403/410
	PK1	X6Cr13	1.4000	403/405/410S/429
	PK333	X12CrS13	1.4005	416
	PK330	X12Cr13	1.4006	410
	PK336	X6Cr17	1.4016	
	PK3	X20Cr13	1.4021	420
	PK3NI		1.4021	
	PK4	X30Cr13	1.4028	420
	PK4EX	X46Cr13	1.4034	420
	PK2SP	X17CrNi16-2	1.4057	431
	PK339	X14CrMoSi7	1.4104	430F
	PK331	X6CrMoS17	1.4105	430F
	OCR6	X90CrMoV18	1.4112	440B
	PK5	X50CrMoV15	1.4116	440A
	PK335	X39CrMo17-1	1.4122	
	PK348	X105CrMo17	1.4125	440C
	PK324	X120CrMo29-2	1.4138	
	PK340	X3CrNiMo13-4	1.4313	
	PK328	X6CrTi17	1.4510	430Ti
PT929	X22CrMoV12-1	1.4922		
PRECIPITATION HARDENING STEEL	PK346	X5CrNiCuNb16-4	1.4542	630 (17-4PH)

The sales program includes forged and rolled products from stainless steels in a broad dimensional range.

Dimensional range

ROUND	
Rolled:	Ø 26 mm – 105 mm, L = 3 – 6 m, according to EN 10060
Peeled, peeled&polished:	Ø 25 mm – 80 mm, L = 2,5 – 6 m, according to EN 10278
Ground, ground&polished:	Ø 25 mm – 80 mm, L = 2 – 4 m, according to EN 10278
Forged&peeled:	Ø 105mm – 205mm, L = 2 – 6 m, tol. + 1 / - 0mm
Forged&turned:	Ø 206 mm – 350 mm, L = 2 – 6 m, tol. + 2 / - 0 mm
FLAT	
Rolled EN 10058:	width 40 – 150 mm × thickness 8 – 65 mm, L = 3 – 6 m
Rolled DIN59200:	width 155 – 255 mm × thickness 15 – 55 mm, L = 3 – 6 m surface: sandblasted
Forged DIN 7527/6	square 100 – max 300 mm, L = 2 – 6 m flat width 100 - 500 mm × thickness min. 100 mm - (max. 90,000mm ²)
Forged&milled tol. + 2 / - 0 mm	square 100 – max 300 mm, L = 2 – 6 m, flat width 100 - 500 mm × thickness min. 100 mm - (max. 90,000mm ²)

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Metal Ravne d.o.o.

Koroška cesta 14

2390 Ravne na Koroškem

Slovenia

T: +386 2 87 07 000

F: +386 2 87 07 006

E: info@metalravne.com

www.metalravne.com

