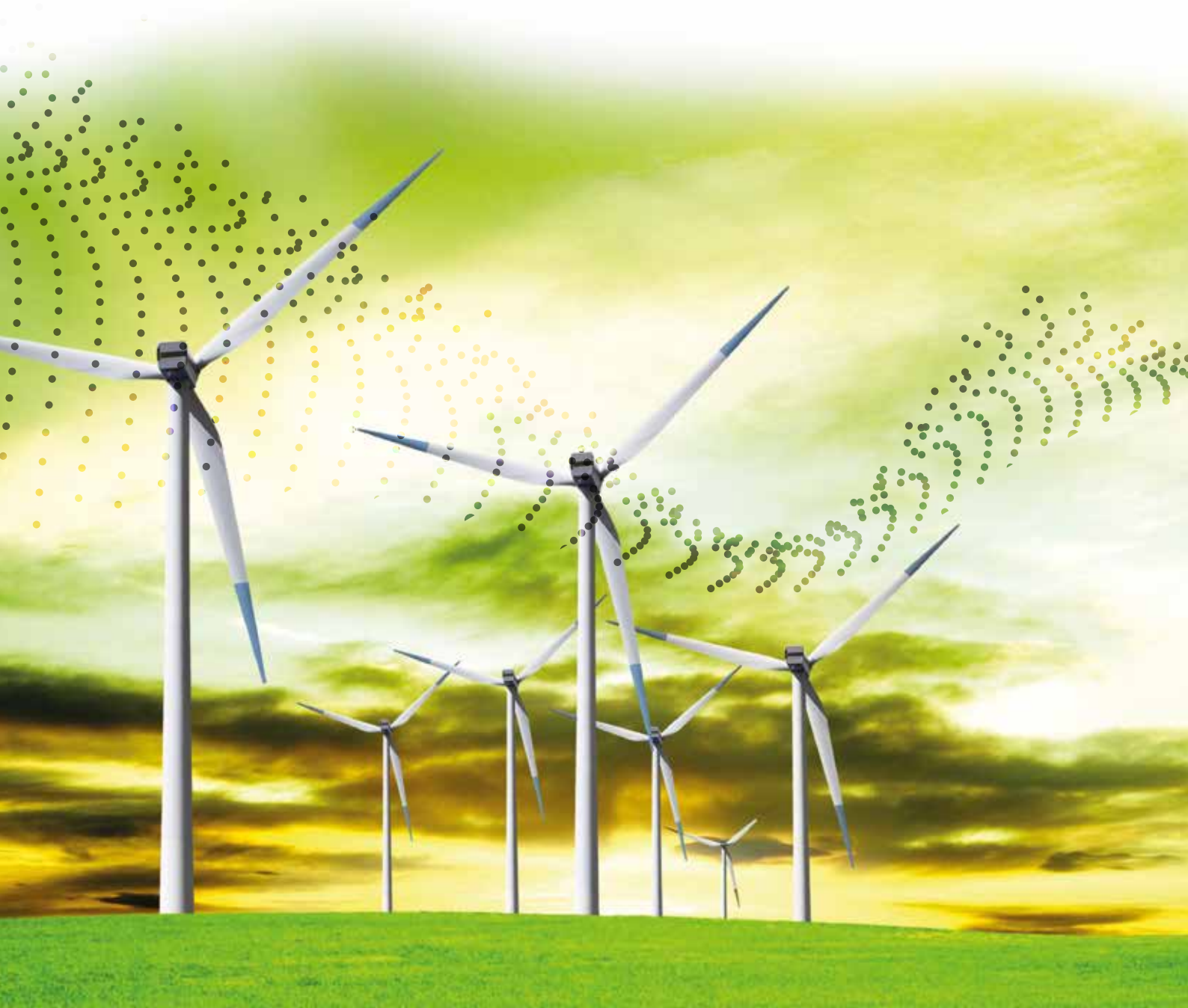
Cogne Acciai Speciali Group

Energy

High performance stainless steels



Energy

Cogne offers a wide range of stainless steels and nickel alloys to meet the exacting standards of today's energy producers: whatever the power generation applications may be, Cogne has the right stainless steel for the job. Currently there are three main applications to the stainless steels and nickel alloys produced for this sector: Turbine components, Nuclear power generation, Renewable Energy.

In a world with ever increasing demand for green power generation that need to attend specific performance standards, Cogne Acciai Speciali is able to offer different stainless steels, designed to guarantee the highest quality standard required by international standards and customer specific requirements.

	ROUND BARS						HEXAGONS BARS
	Peeled & Reeled	Rough peeled	Turned	Cold drawn polished	Peeled & Polished (rough ground)	Centreless ground	Cold drawn
Size	20-101,60mm	102-390mm	391-600mm	4,00-25,4mm	20-80mm	4-80mm	11-27 mm
(mm & inches)	0.787"- 4"	<4.0"- 15.354"	<15.4"- 26.5"	0.157"- 1"	0.787"- 3.150"	0.157"- 3.150"	0.433"- 1.063"
Tolerances	k11-h10	DIN 1013	DIN 1013	h9	h9	h9-h8-h7	h11
	DIN EN 10278			DIN EN 10278	DIN EN 10278	DIN EN 10278	
Standard length (mm & inches)	3000-3100mm	4000-6200mm	3000-6000mm	4000-6200mm	4000-6200mm	4000-6200mm	4000-6200mm
	6000-6200mm	12' ≈ 14'	10' ≈ 20"	12' ≈ 14'	12' ≈ 14'	12' ≈ 14'	12' ≈ 14'
	12' ≈ 4"	20' ≈ 22'		20' ≈ 22'	20' ≈ 22'	20' ≈ 22'	20' ≈ 22'
	20' ≈ 4"						
Bundle weight	1000Kg	1000Kg One bar	One bar	500kg	1000kg	500kg	500kg

Stainless steels semi-finished products

INGOTS

3.600 - 79.000 kg

FORGED BARS

110 - 1200 mm

ROUNDS FOR EXTRUSION

120 - 355 mm

CONCAST BILLETS AND BLOOMS FOR FORGING

160x160, 220x270, 280x340 mm

One Cogne: channeling the power of together to create a better future.

Cogne Acciai Speciali renews and forges its commitment towards people, the environment, its local community and respect for human rights.

	Cogne Grade	Type of steels	W.N.	EN	UNS	Others
Turbine components	410..	Martensitic	1.4006	X12Cr12	S41000	410
	414MV		1.4938	X12CrNiMoV12-3	-	-
	415M		1.4418	X4CrNiMo16-5-1		
	420A..		1.4021	X20Cr13	S42000	420
	616A		1.4913	X19CrMoNbVN11-1	-	-
	616C		1.4923/1.4922	X22CrMoV12-1/X20CrMoV11-1	-	-
	616C		1.4923/1.4922	X22CrMoV12-1/X20CrMoV11-1	-	
	E415/1		1.4313	X3CrNiMo13-4	S41500	F6NM
	415MK	Precipitation hardening	1.4594	X5CrNiMoCuNb14-5	-	-
	630..		1.4542	X5CrNiCuNb16-4	S17400	630
	630A		1.4545	X5CrNiCuNb15-5	S15500	XM-12
	SF286		1.4980	X6NiCrTiMoVB25-15-2	S66286	Alloy 660
	SN800	Nickel alloy	1.4876/1.4958/ 1.4959	X10NiCrAlTi32-21/ X5NiCrAlTi31-20/X8NiCrAlTi32-21	N08800/ N08810/ N08811	Alloy 800/800H/ 800HT
	SN625C		2.4856	NiCr22Mo9Nb	N06625	Alloy 625
	SN718C		2.4668	NiCr19Fe19Nb5Mo3/NiCr19NbMo	N07718	Alloy 718
	SN825		2.4858	NiCr21Mo	N08825	Alloy 825
Nuclear	316LCO	Austenitic	1.4401/1.4404	X5CrNiMo17-12-2/ X2CrNiMo17-12-2	S31600/S3103	316/316L
	316LN1		1.4404		S31603	316LN
	304LCO		1.4301/1.4307	X5CrNi18-10/X2CrNi18-9	S30400/ S30403	304/304L
	304LN		1.4311	X2CrNiN18-10	S30453	304LN
	321		1.4541	X6CrNiTi18-10	S32100	321
	350		-	-	S20910	XM-19
	354		1.4547	X1CrNiMoCuN20-18-7	S32154	F44
	410	Martensitic	1.4006	X12Cr12	S41000	410
	415M		1.4418	X4CrNiMo16-5-1	-	-
	616C		1.4923/1.4922	X22CrMoV12-1/X20CrMoV11-1	-	-
	630	Precipitation hardening	1.4542	X5CrNiCuNb16-4	S17400	630
	SF286		1.4980	X6NiCrTiMoVB25-15-2	S66286	Alloy 660
Renewable power energy generation	F304L1	Austenitic	1.4307/1.4301	X2CrNi18-9/X5CrNi18-10	S30403/ S30400	304L/304
	F316L/ F316L5		1.4404/1.4401	X2CrNiMo17-12-2/ X5CrNiMo17-12-2	S31603/ S31600	316L/316
	321		1.4541	X6CrNiTi18-10	S32100	321
	431	Martensitic	1.4057	X17CrNi16-2	S43100	431
	SF286	Precipitation hardening	1.4980	X6NiCrTiMoVB25-15-2	S66286	Alloy 660

Discover Cogne World

- PRODUCTION&DISTRIBUTION
- DISTRIBUTION

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