

# General Engineering & Distribution

- The leading supplier for the largest manufacturers in general engineering and industrial products industry
- Years of expertise in production technology of products intended for painting, bending, welding
- Full value chain from casting to slitting - recycling in all manufacturing sites



Gränges Konin semi-finished products are widely used in General Engineering industry for the following applications:

- roofing
- painstock
- doors, inter-window profiles
- scaffolding and platform boards
- trailers
- multilayer pipes
- noise barrier panels
- solar panels
- roller shutter boxes
- aluminium boxes
- road signs, information boards
- insulations
- construction elements (lasser cutting)
- spiro pipes
- ladder material (profiles)
- flush mount corners
- components for: wood drying rooms, boats
- disks for coin production
- injection molding
- composite tooling & mold



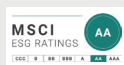
# Gränges Konin semi-finished products are widely used in the distributors and service centers industry:

## Standard products dedicated to Service Centers and Distributors

- a wide range of sheets and strips is available for custom orders, with selected items also in stock for immediate availability
- everyday deliveries to European countries satisfy the most demanding supply chains of customers
- with the investments of new cold rolling mill machine Gränges Konin adapts to the high demands for tighter tolerance ranges, better cutting quality and surface flatness, as well as high speed production

## Special products dedicated to end-users served directly by distributors

- many years of experience in cooperation and supplying end-users from the most demanding market segments guarantees full understanding of customer needs
- excellent understanding of the specific end-user functioning in terms of securing continuity of supply
- many years of experience in developing, together with end customers, dedicated products that require the development of individual mechanical and chemical properties



## GENERAL ENGINEERING & DISTRIBUTION

Most commonly used alloys			
	5xxx	3xxx	4xxx
	1xxx	8xxx	
STRIPS - COLD ROLLED			
	Thickness [mm]	Width [mm]	Length [mm]
	0.06÷0.40*	12÷1500**	
	0.40÷2.00	20÷1500**	
	2.01÷4.00 (5.00)***	30÷1500**	
	Patterned strips - STUCCO (EN AW - 1050A and alloys 3xxx/5xxx series)		
	0.40÷1.20****	100÷1500	
	<small>** For strips in alloys 1xxx series thickness range is 0.12÷0.40 and 0.20÷0.40 for strips in alloys 5xxx/4xxx series                      ** The width depends to the thickness, above width 1500mm after previous agreement of technical requirements                      *** Thickness 4-5mm depends to the width, alloy, temper                      **** For alloys 5xxx series thickness range is 0.40÷1.00, and width range 100÷1250 for thickness range 0.81÷1.00*</small>		
SHEETS - COLD ROLLED			
	Thickness [mm]	Width [mm]	Length [mm]
	Alloys 8xxx series		
	0.20÷0.50*	750÷1500	500÷2500
	Alloys 1xxx/3xxx/4xxx/5xxx series		
	0.20÷0.40	750÷1500	500÷2500
	0.40÷2.00	800÷1500	1000÷6000
	2.00÷3.00	900÷1500	1000÷6000
	3,00÷4,00 (5,0)**	1000÷1500	1400÷6000
	Patterned sheets - FIVE BAR (EN AW - 1050A and alloys 5xxx/4xxx series)		
	2.00÷4.50***	1000÷1500	1400÷6000
	Patterned sheets - STUCCO (EN AW - 1050A and alloys 3xxx/5xxx/4xxx series)		
	0.40÷1.20****	1000÷1500	1000÷6000
	<small>** It's possible to produce other range of dimensions after previous agreement of technical requirements between customer and manufacturer                      ** Thickness 4-5mm depends to the width, alloy, temper                      *** For alloys 5xxx/4xxx series thickness range is 2.50÷4.00                      **** For alloys 5xxx/4xxx series thickness range is 0.40÷1.00, and width range 1000÷1250 for thickness range 0.81÷1.00*</small>		
CAST PLATES			
	EN AW - 5083, 5086, 5182, 5754		
	20÷300*	1020; 1090; 1150; 1280; 1340; 1400; 1480; 1560; 1650; 1750**	3000÷6000 (variety of size up to 500mm)*
	<small>* Production of plates with dimension outside this range is possible only after previous agreement of technical requirements</small>		

## DISTRIBUTION – IN-STOCK MATERIAL

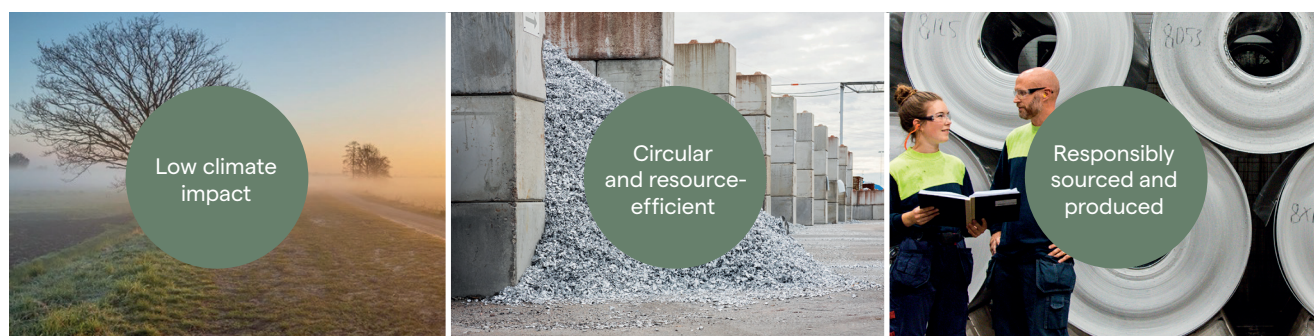
Most commonly used alloys			
	1050A	5754	4115
			5083
SHEETS - COLD ROLLED			
	Thickness [mm]	Width [mm]	Length [mm]
	1.00÷5.00	1000÷1500	2000÷3000
	Patterned sheets – FIVE BAR (EN AW – 1050A and 4115)		
	2.00÷4.00	1000÷1500	2000÷3000



# Your experienced partner

Built on the foundation of more than 125 years of innovative engineering and materials development, we are a world leader in high-performance aluminium alloys. With a long heritage of supplying the aluminium (semi-finished) materials to wide range of industries, we are an experienced partner delivering consistent, high quality materials to industries with high demands on safety, performance and sustainability.

→ [granges.com](https://granges.com)



## Contributing to a circular and sustainable economy Join us on the path to net-zero 2040

Granges is a global leader in aluminium rolling and recycling in selected niches. We are committed to creating circular and sustainable aluminium solutions in partnership with our customers and suppliers – for a better future.

Our solutions help customers grow and transition to climate neutrality. They are used for efficient climate control in transportation and buildings, electrification and battery components, recyclable packaging, and more.

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