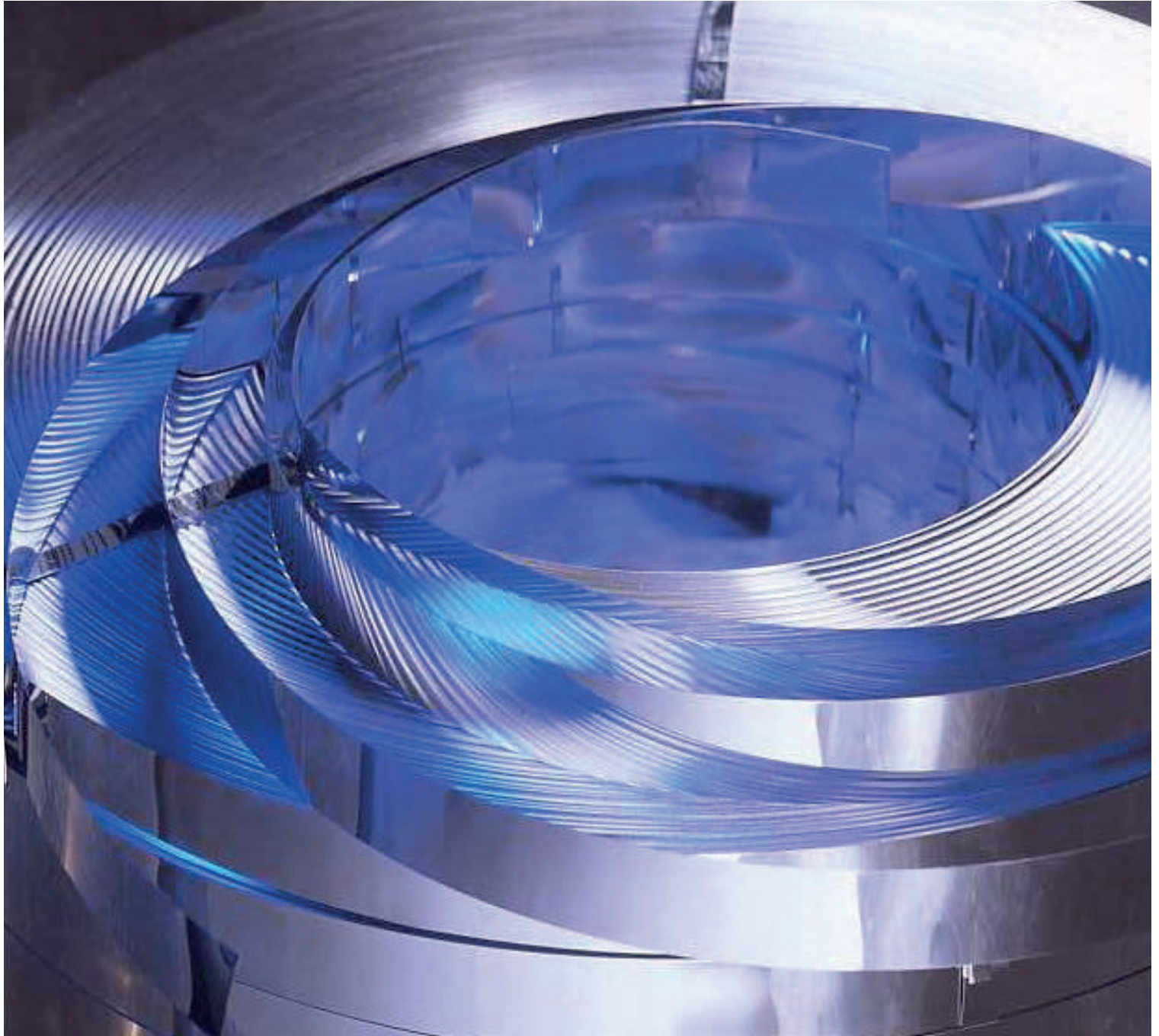




# Rolling Plant



## COIL ROLLING

# Coil Rolling

## Individual solutions – according to your requirements!

One of the outstanding strengths of Martinrea Honsel Rolling Plant is the development expertise that we have already proved in a lot of projects with our customers. With individual solutions we meet the specific requirements of our customers in direct agreement. We are at your disposal for consulting services regarding development and prototyping.

Besides the design of the product, the choice of appropriate material and process is a necessary pre-requisite that the finished product meets the requirements on mechanical properties, dimensions and surface at a reasonable price.

We deliver aluminium coils, sheets and circles from samples to series products.

### Product range coil rolling

	Coils	Sheets	Circles
Thickness	0,4 - 2,2 mm		
Width / Ø	max. 1.250 mm		max. 600 mm
Length		max. 3.500 mm	

#### Surfaces:

bright rolled, embossed, anodised

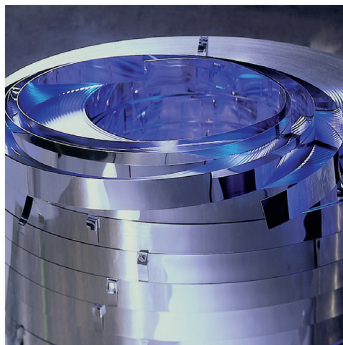
#### Surface protection:

protective and deep-drawing film – also double sided

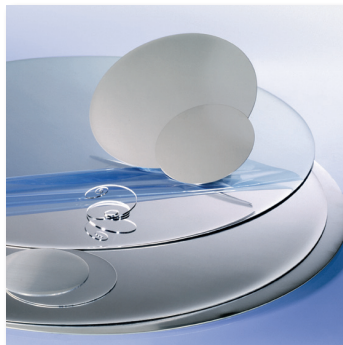
#### Surface treatment:

anodising, embossing, etching

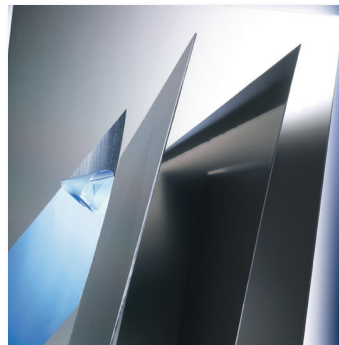
### Product examples



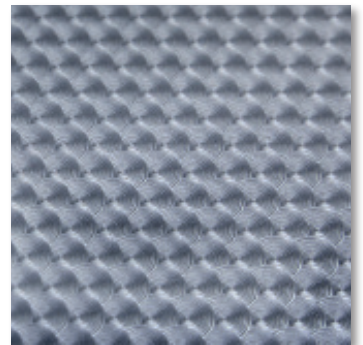
Coils in bright rolled quality  
Thickness 0,3 - 2,0 mm  
Width up to 1.250 mm



Circles in bright rolled quality  
Thickness 0,3 - 2,0 mm  
Ø up to 600 mm



Sheets and coils in anodized quality  
Thickness 0,3 - 2,0 mm  
Dimension up to 1.250 x 4.000 mm



Embossed surfaces  
Thickness 0,5 - 1,2 mm  
Format 500 x 4.000 mm

### Anwendungsbeispiele



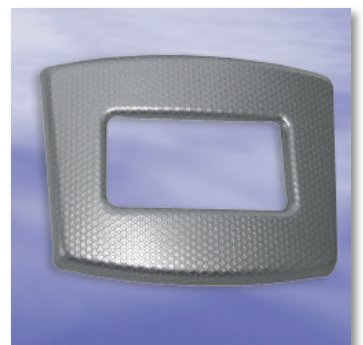
Cosmetics packaging,  
Automotive exterior



Light reflectors



Kitchen fronts



Trims and surfaces in  
vehicles



# Coil Rolling

## Materials

Alloys according to EN 573	
Numerical	Chemical symbols
Bright finishing alloys	
EN AW-1080A	Al99,8(A)
EN AW-1090	Al99,90
EN AW-5505	Al99,9Mg1
EN AW-5657	Al99,85Mg1(A)
EN AW-5205	Al99,7Mg0,8Cu
Pure aluminium	
EN AW-1050A	Al99,5
EN AW-1070A	Al99,7
Non age hardening alloys	
EN AW-3103	AlMn1
EN AW-5005	AlMg1
EN AW-5754	AlMg3

### Mechanical properties:

DIN EN 485-2

### Chemical composition:

DIN EN 573-3

### Deviation limits and dimensional tolerance:

DIN EN 485-4 for cold-rolled products

### Material inspection:

DIN EN 10204

### Material certificates:

Certification of compliance with the order 2.1

Test report 2.2

Inspection certificate 3.1

Inspection certificate 3.2

### Certificates:

ISO 9001

ISO 14001

IATF 16949

ISO 45001

DIN EN ISO 50001

## Contact

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