



20 years of

**DAMASTEEL**®

CUTTING EDGE. AND LOOKS TOO.™

Welcome to a more  
beautiful world of steel.

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## A genuine feeling for function And design.

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**IN THE VILLAGE OF SÖDERFORS**, situated in the middle of Sweden's iron heartland, we produce a premium steel of highest quality. Patterned damascus steel has a history of several millennia, which has survived through cultures and generations. Absolute function combined with beautiful design gives the steel almost mystical properties.

**THE SMITHS AT DAMASTEEL®** have taken the traditional technique one step further.

**OUR HIGH-ALLOY STEEL** is not only durable and strong, but is also stainless. We are also the only steel producer in the world to use powder metallurgy, which Damasteel® holds the patent for. Our smiths have a touch that embodies a passion for their profession that is visible in the final product. Damasteel® simply manufactures a steel that gives our customers around the world incredible opportunities for personal creativity. Your high standards on design and function are our priority.

## Why choose Damasteel®?

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- **NEXT GENERATION DAMASCUS STEEL**
- **PATENTED POWDER METALLURGY**
- **SUPERIOR QUALITY (HOMOGENOUS, NO INCLUSIONS AND CONSISTENT PATTERN)**
- **EXCELLENT EDGE RETENTION AND MIRROR FINISH**
- **DURABLE, STRONG AND STAINLESS**
- **PROVEN TRACK RECORD FOR AN EXCELLENT DELIVERY RELIABILITY**

# Take a look at our Damastyle™

## PATTERNS

Laminated flat bars in different pattern types:  
The rolling or forging – either with a press or a hammer – of the billet moves the layers slightly. Two pieces with the same production route and pattern do not look exactly the same. Deep grinding cuts or coining of the surface before forging give an even more interesting pattern.



Thor™

Odin Heim™



Gysinge™



Hugin™

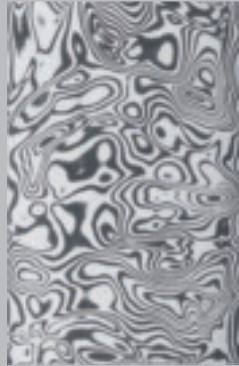


Munin™

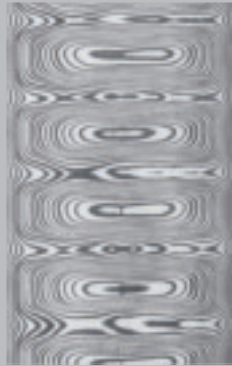




Dense Twist™



Vinland™



Odins Eye™



Björkmans Twist™



Rose



Grosserosen



Hakkapella™



Heimskringla™



Ladder



RWL34™

## Size Range

The table shows the capability range of damascus steel and RWL34™ from Damasteel®. For an up-to-date stock list of standard dimensions, please see our website, [www.damasteel.com](http://www.damasteel.com)

We deliver our flat material in minimum 1 meter/ 39" lengths and our round material in minimum 0,5 meter/ 19,7" lengths. Dimensions of Nitrobe77™, damascus barrel steel and stainless barrel damascus available upon request.

### AUSTENITIC STAINLESS DAMASCUS

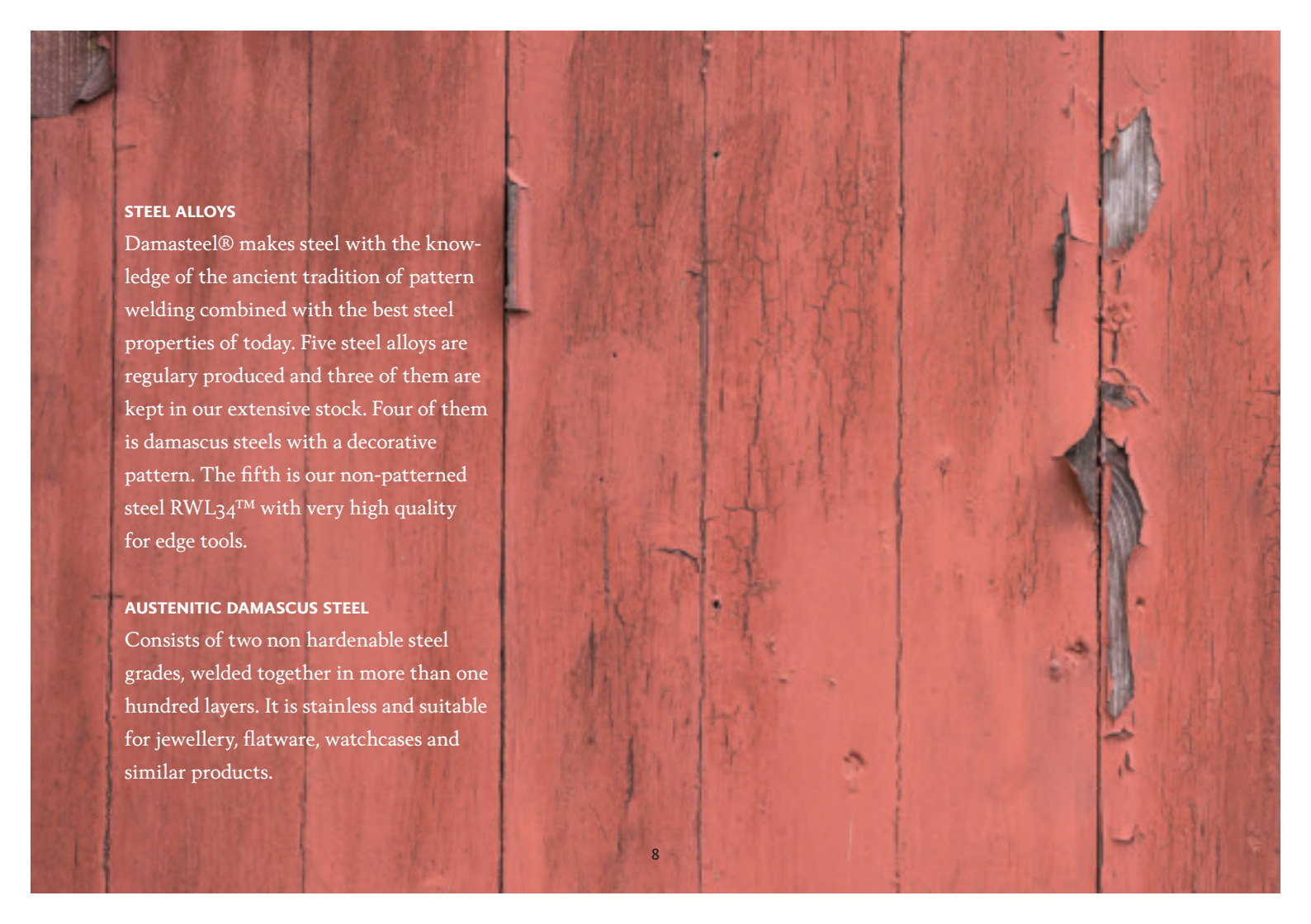
PATTERN	MIN WIDTH, MM	MAX WIDTH, MM	MIN DIAMETER, MM	MAX DIAMETER, MM	MIN THICKNESS, MM	MAX THICKNESS, MM
Dense Twist™	15	130	15	51	2	30
Björkmans Twist™	15	100	-	-	2	15
Munin™	15	130	-	-	2	20
Ladder	15	55	-	-	2	20
Heimskringla™	15	130	24	51	2	30

### RWL34™

PATTERN	MIN WIDTH, MM	MAX WIDTH, MM	MIN DIAMETER, MM	MAX DIAMETER, MM	MIN THICKNESS, MM	MAX THICKNESS, MM
Non-patterned	15	130 (flat bars) 600 (sheets)	-	-	2	15

## MARTENSITIC STAINLESS DAMASCUS

PATTERN	MIN WIDTH, MM	MAX WIDTH, MM	MIN DIAMETER, MM	MAX DIAMETER, MM	MIN THICKNESS, MM	MAX THICKNESS, MM
Dense Twist™	15	130	11	45	2	30
Björkmans Twist™	15	100	-	-	2	15
Munin™	15	130	-	-	2	20
Ladder	15	55	-	-	2	20
Heimskringla™	15	130	20	45	2	30
Hugin™	15	130	-	-	2	20
Odin Heim™	15	55	-	-	2	20
Vinland™	15	100	-	-	2	20
Rose	15	130	-	-	2	20
Odins Eye™	15	55	-	-	2	20
Grosserosen	15	130	-	-	2	20
Hakkapella™	15	55	-	-	2	20
Thor™	15	130	-	-	2	20
Gysinge™	15	55	-	-	2	20



### **STEEL ALLOYS**

Damasteel® makes steel with the knowledge of the ancient tradition of pattern welding combined with the best steel properties of today. Five steel alloys are regularly produced and three of them are kept in our extensive stock. Four of them is damascus steels with a decorative pattern. The fifth is our non-patterned steel RWL34™ with very high quality for edge tools.

### **AUSTENITIC DAMASCUS STEEL**

Consists of two non hardenable steel grades, welded together in more than one hundred layers. It is stainless and suitable for jewellery, flatware, watchcases and similar products.



A person is holding a knife with a Damascus steel blade, characterized by its wavy, layered pattern. The background is blurred, showing other people in a dimly lit setting.

### **MARTENSITIC DAMASCUS STEEL**

Consists of two different hardenable steel grades, welded together in more than one hundred layers. The steel becomes stainless after heat treatment. It combines corrosion resistance with superior strength. An excellent steel for edge tools such as knives. Several patterns are available.

### **STAINLESS GUN BARREL STEEL**

Consists of two hardenable stainless barrel steels, welded together in more than one hundred layers. A beautiful steel for luxury firearms. The steel is also suitable for medium hardness applications such as flatware knives and other decorative products.

A glowing orange-red metal rod, likely a gun barrel component, is being held by tongs in a dark industrial setting. The rod is bright and cylindrical, contrasting sharply with the dark background. The tongs are dark and metallic, gripping the rod. The background is dark with some blurred industrial elements.

### **GUN BARREL LOW ALLOY STEEL**

Consists of two low alloyed hardenable barrel carbon steels, forged together in more than one hundred layers. This damascus steel can be blued/browned. A damascus steel for guns which is also suitable for axe- and knifeforging. Forge weldable.

### **RWL34™**

A martensitic, stainless, hardenable and non patterned steel. Like the damascus steels it is a rapidly solidified powder steel for highest edge strength. RWL34™ is one of the two steel grades used in martensitic knife steel. RWL34™ comes in bars and sheets.

# How to order from Damasteel®

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## **STANDARD PRODUCTS**

The standard product list shows our standard products and products in stock. Special dimensions on request only.

Thickness tolerance  $+0.2/-0.1$  mm.

## **STANDARD BAR LENGTH**

The standard bar length for flat material is one meter.

For round material the standard bar length is 0.5 meter.

## **STOCK**

The latest list for standard products can be found at our website [www.damasteel.com](http://www.damasteel.com).

Our web also contains contacts to our distribution network and information about the latest changes in stock.

You can send your orders and enquiries to one of our distributors. You will find them on our website [www.damasteel.com](http://www.damasteel.com) under distributors. The information they will need is:

- Steel alloys
- Pattern (ex. Rose, Odins Eye™ or RWL34™ with no pattern)
- Dimension, width and thickness (ex. 32 x 4 mm)
- Quantity, length or weight
- Name, address, phone number and where to send the steel
- VAT-number (for customers within the EU)

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 [WWW.FACEBOOK.COM/DAMASTEEL](http://WWW.FACEBOOK.COM/DAMASTEEL)  
 [WWW.INSTAGRAM.COM/DAMASTEELAB](http://WWW.INSTAGRAM.COM/DAMASTEELAB)