



Damstahl[®]
stainless steel solutions



stainless steel solutions
Solutions that shape the future.

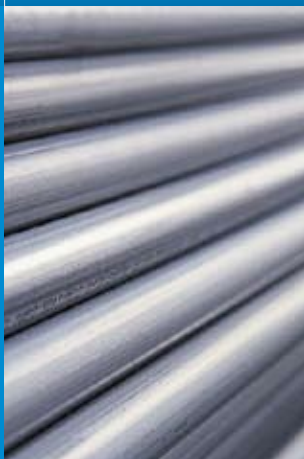
stainless steel forces The power of an idea.

A good idea knows no limits. It pushes the envelope and actively seeks out a challenge. Here at Damstahl we love good ideas. At least as long as they are made from the steel that we deliver to our customers.

As an internationally active company for stainless steel semi-finished products, our customers come from all over Europe to the Damstahl Group in Germany, Denmark, Norway, Sweden and Great Britain. We strive to meet their high demands every day: with an extraordinarily broad yet deep range of products, service based with over 50 years of experience and the commitment and dedication that distinguishes each and every one of our competent employees.

Always in focus: our customers' satisfaction. From the initial idea to on-the-minute delivery, even on the same day if desired.

TABLE OF CONTENTS



TUBES

Pages 04 - 05



FITTINGS & FLANGES

Pages 06 - 07



HOLLOW BARS

Pages 08 - 09



BARs

Pages 10 - 11

History

Damstahl's 50-year tradition

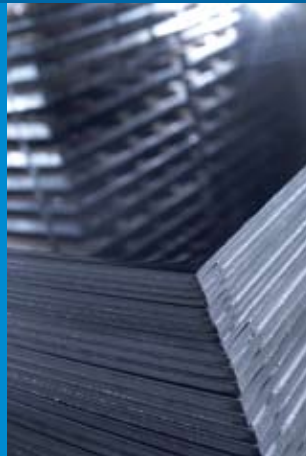
- 1960 Damstahl, Germany established
- 1967 Relocated to Hitdorferstrasse in Langenfeld
- 1983 Relocated to a 17,000 sqm property on Raiffeisenstrasse
- 1991 New Head Office building inaugurated
- 1993 Regional office opened in Munich
- 1994 Regional office opened in Burg
- 2000 Company's legal form changed from GmbH & Co. KG to GmbH
- 2004 New coil warehouse built, steel cutting centre renovated, investment made in a modern packaging machine
- 2006 New, 22 m high, fully automated sheet metal warehouse constructed
- 2008 Operations started in fully automated cut length tower, also 22 m in height
- 2010 Regional office opened in Hamburg

Anniversary - DAMSTAHL celebrates 50 years.



PROFILES

Page 12



FLAT PRODUCTS

Page 13



PROCESSING & SERVICE

Page 14



LOCATIONS & CONTACTS

Page 15

stainless steel visions

Results that demonstrate foresight.

As one of the largest stainless steel traders in Europe, we deliver our seamless and welded tubes across all borders. This means we are often involved in international plans and projects – as a key player who always offers our customers 100% reliability. This requires clockwork precision in order to ensure that all of the subsequent steps can be performed smoothly. That's why our logistics team guarantees that all orders are processed immediately, loaded quickly and delivered promptly, thereby ensuring rapid implementation of long-term project plans to remain competitive far into the future.

SEAMLESS TUBES

Delivery standards and acceptance criteria:

EN 10216-5, TC 1 / TC 2 and/or AD W2

For all uses and requirements**in the following materials:**

1.4301 / 1.4306 / 1.4307 / 1.4404 / 1.4541 / 1.4571

Tol. according to EN ISO 1127 and/or EN 10305-1

Dimensions: from 4.0 x 1.0 to 219.1 x 12.7 mm

In the following materials:

304 / 304L / 316 L / 316 Ti / 321

According to ASTM A269 / A312

Dimensions: from 1/2" SCH 10 S to 8" SCH 80 S





WELDED TUBES

WELDED ROUND TUBES

Pipes, annealed and unannealed

Delivery standards and acceptance criteria:

EN 10296-2 / EN 10217-7 TC1 / TC2 AD W2

For all uses and requirements

in the following materials:

1.4301 / 1.4307 / 1.4404 / 1.4541 / 1.4571

Tol. according to EN ISO 1127

Dimensions: from 6.0 x 1.0 to 609.6 x 4.0 mm

Structural tubes, decorative tubes

In the following material:

1.4301 / 240 grit / 240 grit annealed /

mirror polished

Dimensions: from 12.0 x 1.5 to 101.6 x 2.0 mm

WELDED SQUARE AND RECTANGULAR BARS

For all uses and requirements in the following materials:

1.4301 / 1.4404 / 1.4571

Dimensions:

from 10.0 x 10.0 x 1.0 to 120.0 x 120.0 x 4.0 mm

from 20.0 x 10.0 x 1.2 to 100.0 x 60.0 x 3.0 mm

Polished

In the following material:

1.4301 / 240 grit

Dimensions:

from 15.0 x 15.0 x 1.2 to 100.0 x 100.0 x 5.0 mm

from 30.0 x 15.0 x 1.5 to 100.0 x 60.0 x 3.0 mm

stainless steel principles

The reliability principle.

The bigger the project, the more each detail counts. This is because only those who deliver first-rate quality and premium materials are able to meet the demands of the international marketplace. At Damstahl, our customers can always depend on the quality of our products: from tubes to accessories. Our broad range of products features the widest possible variety of stainless steel solutions for nearly every area of application – but one principle still applies to every piece of “Damstahl”: **reliability right down to the last detail.**



FITTINGS & FLANGES

STAINLESS STEEL FLANGES

1.4301 / 1.4307 / 1.4541 / 1.4571 according to DIN standard

Blind, loose and smooth flanges (also with reduced sheet thickness) and pre-welded flanges

WELDED FITTINGS

1.4301 / 1.4307 / 1.4541 / 1.4571 in DIN and ISO dimensions

Seamless and welded pipe bends, pre-welded edge flanges, concentric and excentric reducers, seamless, welded T-pieces (also reduced), end caps, welding saddles

THREADED FITTINGS

V4 A

Sleeves, nipples, end caps, plugs, elbows, T-pieces, threaded connections

FITTINGS AND PIPE CLIPS

Ball valves (2-piece), with female thread, full bore, in V4 A
Double pipe clips in **1.4301 / 1.4571**

ALUMINIUM LOOSE FLANGES

Similar to DIN 2642

Made of GK-ALSI 12 alloy

Dimensions: DN 10 to DN 700

Bright or coated surface

TUBE COUPLINGS

With all major certifications in the following materials:

1.4301 / 1.4404 / C-steel, galvanized or coated

Connection coupling design:

Hinged, stepped, tensile, non-tensile, also in flame-retardant version

Tube diameter: 21.3 to 4,000 mm

Temperatures: -30°C to +250°C

EPDM, NBR, H-NBR and Viton

Pumping media: Water, solutions, air, solids, etc.



stainless steel alliance

A powerful bond.

The bond we share with our customers has always been of utmost importance to us. This is why we work closely with them to provide dedicated, expert advice with the goal to efficiently implement each and every project. After all, a partnership is only as strong as the bond that holds it together – this applies in particular to our hollow bars. Their high quality ensures sufficient freedom in processing and they are excellently suited for use in rotationally symmetric, thick-walled, hollow moulded parts, tube and pipe fittings, connecting pieces and more.

HOLLOW BARS

Delivery standards and acceptance criteria:

DIN 17458 / EN 10216-5

In the following materials:

1.4301 / 1.4404 / 1.4571

Dimensions:

from 32.0 to 250.0 mm AD





stainless steel economy

A question of profitability.

Thinking and acting profitably is essential to survival in today's market – especially in times like these. This makes using bright steel bars a wise decision. Compared to hot rolled steel, our bright steel bars, featuring improved machinability, offer numerous advantages including a smooth, bright, scale-free surface, superior dimensional accuracy, thus enhanced testing capabilities for surface defects as well as the ability to manufacture the material even in small diameters. This, in turn, results in increased work productivity, decreased material loss and lower processing expenditure. Facts that make the difference when it comes to efficiency. For your business and your profitability.

BRIGHT STEEL

Bright steel (round bars)

Permanent delivery programme featuring the following materials:

1.4021 / 1.4057 / 1.4104 / 1.4301 / 1.4305 / 1.4404 / 1.4571

Tol. according to EN 10278

Dimensions: from 3.0 to 100.0 mm

Permanent delivery programme featuring the following material:

1.4301 / 240 grit / in HL 6 m

Dimensions: from 8.0 to 20.0 mm

Bright steel (square bars)

Permanent delivery programme featuring the following materials:

1.4301 / 1.4305

Tol. according to EN 10278

Dimensions: from 6.0 to 60.0 mm

Bright steel (hexagon bars)

Permanent delivery programme featuring the following materials:

1.4301 / 1.4305 / 1.4571

Tol. according to EN 10278

Dimensions: from 10.0 to 60.0 mm

Bright steel (flat bars)

Permanent delivery programme featuring the following material:

1.4301

Tol. according to EN 10278

Dimensions: from 10.0 x 3.0 to 100.0 x 20.0 mm



BAR STEEL

Round steel bars

Rolled, forged, pickled, peeled, rough-turned

Permanent delivery programme featuring the following materials:

1.4021 / 1.4057 / 1.4104 / 1.4122 / 1.4301 / 1.4305 /
1.4404 / 1.4462 / 1.4541 / 1.4571

With acceptance, also according to AD W2

Tol. according to EN 10060 / DIN 7527

Dimensions: from 20.0 to 525.0 mm

Flat bars

Rolled, pickled

Permanent delivery programme featuring the following materials:

1.4301 / 1.4571

Tol. according to EN 10058

Dimensions: 15.0 x 8,0 to 150.0 x 30.0 mm

Square bars

Rolled, pickled

Permanent delivery programme featuring the following materials:

1.4301 / 1.4571

Tol. according to EN 10059

Dimensions: from 20.0 to 100.0 mm



stainless steel flexibility

Versatile. Flexible. Interlinked.

To be successful today you must deliver the best quality and offer versatile solutions. This is why at Damstahl we only offer one hundred-percent quality products from our suppliers in Europe, Asia and throughout the world. For example, our profiles and sheets not only exhibit superior quality, but are also highly versatile in their application and ideally complement our product range. Our customers appreciate the flexibility of our comprehensive range of products – here and throughout all of Europe.

PROFILES

Angle bars, equal sides

Rolled, pickled

Permanent delivery programme featuring the following materials:

1.4301 / 1.4571

Tol. according to EN 10056

Dimensions:

from 20.0 x 20.0 x 3.0 to 100.0 x 100.0 x 10.0 mm

Angle bars, equal sides

Polished on all sides

Permanent delivery programme featuring the following material:

1.4301 / 240 grit

Dimensions:

from 30.0 x 30.0 x 3.0 to 50.0 x 50.0 x 5.0 mm

Angle bars, unequal sides

Rolled, pickled

Permanent delivery programme featuring the following material:

1.4301

Tol. according to EN 10056

Dimensions:

from 30.0 x 20.0 x 3.0 to 100.0 x 50.0 x 8.0 mm

U-profiles

Rolled, laser welded

Permanent delivery programme featuring the following material:

1.4301

Tol. according to EN 10279

Dimensions:

from 20.0 x 10.0 x 3.0 to 3.5 x 120.0 x 55.0 x 7.0 x 9.0 mm

T, TB, IPE and IPB-profiles

Rolled, laser welded

Permanent delivery programme featuring the following material:

1.4301

Tol. according to EN 10034 / EN 10055

Dimensions:

from 25.0 x 25.0 x 3.5 to 140.0 x 73.0 x 4.7 x 6.9 mm





SHEETS

Standards

(1000 x 2000, 1250 x 2500, 1500 x 3000 mm)

Delivery standards and acceptance criteria:

EN 10088-2, EN 10028-7 also according to AD W2

- **In the following material:** 1.4301
 Cold rolled (2B) from 0.5 to 4.0 mm
 Hot rolled (1D) from 3.0 to 30.0 mm
- **In the following material:** 1.4301
 Polished on one side K240 with coat 1.0 to 2.0 mm
- **In the following material:** 1.4571
 Cold rolled (28) from 1.0 to 3.0 mm
 Hot rolled (1D) from 4.0 to 30.0 mm

FLAT STEEL BARS

Flat steel bars (cut)

Permanent delivery programme featuring the following materials:

1.4301 / 1.4571

Tol. similar to EN 10058

Dimensions:

from 10.0 x 3.0 to 200.0 x 10.0 mm

Flat steel bars (cut on all sides)

Permanent delivery programme featuring the following material:

1.4301 / 240 grit

Dimensions: from 20.0 x 4.0 to 100.0 x 10.0 mm



stainless steel responsibility Out of responsibility to our customers.

At Damstahl, we take customer service seriously. That's why, throughout our company, you will encounter dedicated, competent employees who always put you at the centre of their focus. This applies to our products just as much as our processing services. But the best way to truly understand our service is to meet with us in person and see for yourself what Damstahl stainless steel solutions can do for you. **We look forward to meeting you.**



stainless steel distribution From here to all of Europe.



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