

Ugitech
Hit the mark!



Ugitech

Quality and Innovations to meet your product requirements

A wide dimensional range

We supply wire rod in diameters from 5 to 32 mm and drawn wire in diameters from 1.6 to 16 mm.

Dimensional tolerances to EN 10278

| | | |
|----------------|----|---------------|
| 1.60 to 3.00 | mm | + 0 / - 0.025 |
| 3.01 to 6.00 | mm | + 0 / - 0.030 |
| 6.01 to 10.00 | mm | + 0 / - 0.036 |
| 10.01 to 16.00 | mm | + 0 / - 0.043 |

For all other requirements, please contact us.

Continuous quality control

Inspections throughout the manufacturing line, crushing tests (on request), mechanical properties and special heat treatments ensure the right quality with your application.

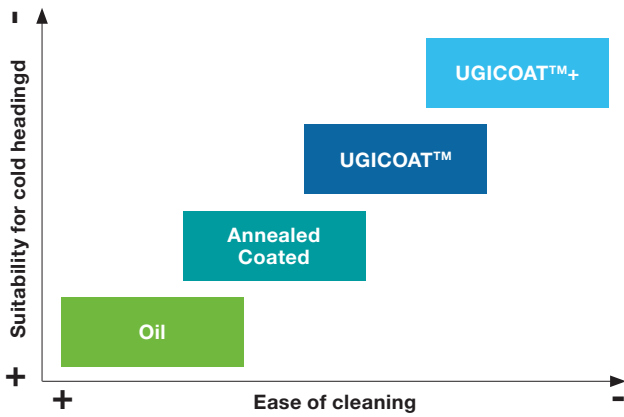
Wide range of grades available

| Wide range of grades available | ASTM AMS AISI | Euro standards EN 10088-3 EN 10263-5 | Annealed | | Skin passed or work-hardened | | |
|--------------------------------|---------------------|--|--------------------|--------------------|------------------------------|----------------------|--------------------|
| | | | Ø≤3 mm Rm (MPa) | Ø>3 mm Rm (MPa) | Ø≤3 mm Rm (MPa) | 3<Ø≤6 mm Rm (MPa) | Ø>6 mm Rm (MPa) |
| Ferritics | | | | | | | |
| UGI® H430L | 430 | 1.4016 | max 550 | max 550 | 500-650 | 450-600 | 500-650 |
| Martensitics | | | | | | | |
| UGI® H4006 | 410 | 1.4006 | max 700 | max 670 | 600-800 | 500-700 | 600-800 |
| UGI® H4021 | 420 | 1.4021 | max 650 | max 600 | 700-900 | 600-800 | 650-850 |
| UGI® H4028 | 420 | 1.4028 | max 750 | max 650 | max 900 | max 850 | 700-850 |
| UGI® H4034 | 420 | 1.4034 | max 850 | max 800 | 750-950 | 650-850 | 700-900 |
| UGI® H4913 | - | 1.4913 | max 750 | max 700 | 750-950 | 650-850 | 600-800 |
| UGI® H4923 | - | 1.4923 | max 750 | max 700 | 750-950 | 650-850 | 600-800 |
| Austenitics | | | | | | | |
| UGI® H4307 | 304L | 1.4307 | max 700 | max 680 | 650-950 | 600-850 | 650-850 |
| UGI® H4301 | 304 | 1.4301 | max 800 | max 700 | 750-1000 | 600-900 | 750-950 |
| UGI® H4303 | 305 | 1.4303 | max 650 | max 630 | 550-800 | 550-750 | 550-700 |
| UGI® H4306 | 304L | 1.4306 | max 700 | max 680 | 650-950 | 600-850 | 650-850 |
| UGI® HFRAP1 | 304Cu | 1.4567 | max 600 | max 580 | 550-800 | 500-750 | 500-700 |
| UGI® H4404 | 316L | 1.4404 | max 750 | max 650 | 650-950 | 550-850 | 550-850 |
| UGI® HFRAPM | - | 1.4578 | max 650 | max 650 | 600-800 | 550-800 | 550-700 |
| UGI® H201CU | - | 1.4615 | max 650 | max 600 | 650-850 | 550-750 | 550-750 |
| Duplex | | | | | | | |
| UGI® H4062 | - | 1.4062 | max 950 | max 900 | 950-1150 | 900-1100 | 750-950 |
| UGI® H4362 | - | 1.4362 | max 950 | max 900 | 950-1150 | 900-1100 | 750-950 |
| Refractory alloys | | | | | | | |
| UGIALLOY® H286 | 660 | 1.4980 | max 750 | max 730 | ≤ 800 | ≤ 750 | ≤ 750 |

For all other requests, please contact us.

Our coating proposals

Our coating range allows us to match the quality of our wires to tool wear and product geometries.



Customized services

- Reliable technical support: consultants and experts available to advise you and support your developments.
- An experienced global sales presence thanks to the sales network of the Swiss Steel group.
- A recognised Research centre with dedicated experts.

Our packagings

Packagings suitable for all your needs.

For all other requests, please contact us.



Bare coil
(on a pallet or former)
- Weight = 100 to 300kg



Coil
- Weight = 250 to 1,000kg
- Int. Ø = 520mm
- Height = 620mm or 390mm



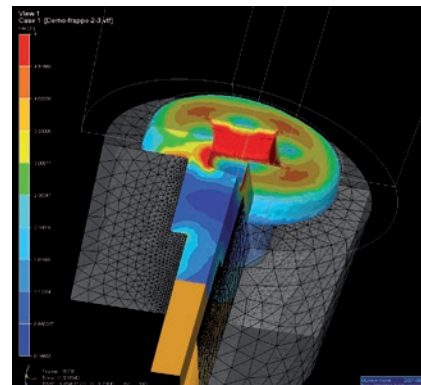
Spider
- Weight = 800kg max
- Int. Ø = 450 or 510mm
- Base Ø = 850mm
- Height = 1m or 1.30m



Drop weight device to determine the stainless steel behaviour law depending on strain rate and temperature (20 to 300°C)



Industrial cold heading machine with instrumentation to assess the performance of our products



Stress field mapping obtained by digital simulation during a square recess screw cold heading operation



Ugitech SA

France

3, chemin de Majornas

BP 1109

01009 BOURG-EN-BRESSE

Tel.: + 33 (0)4 79 89 30 30

Fax: + 33 (0)4 79 89 34 34

www.ugitech.com

The information and data presented here in are typical or average values and are not a guarantee of maximum or minimum values. Only the information reported on our material certificates is to be considered as relevant. Applications specifically suggested for material described herein are made for the purpose of illustration only to enable the reader to make its own evaluation and are not intended as warranties, either express or implied, of fitness for any purposes.