



# Ugitech

Hit the mark!



# 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.

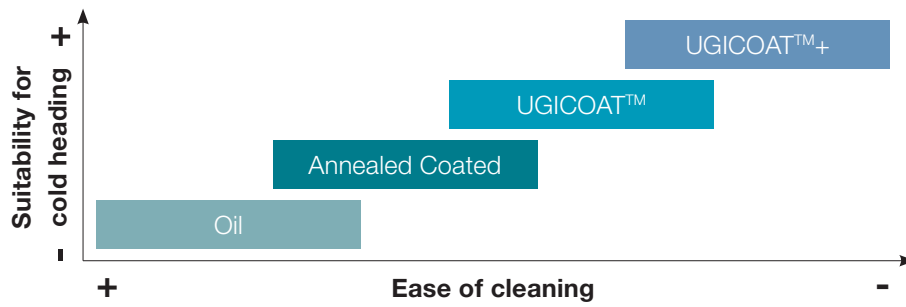
## Wide range of grades available

Ugitech commercial brands	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)
<b>Ferritics</b>							
UGI® H430L	430	1.4016	max 550	max 550	500-650	450-600	500-650
<b>Martensitics</b>							
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
<b>Austenitics</b>							
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
<b>Duplex</b>							
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
<b>Refractory alloys</b>							
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.



### Our packagings

Packagings suitable for all your needs.

Bare coil (on a pallet or former)	Coil	Spider
		
Weight = 100 to 300 kg	Weight = 250 to 1000 kg Int. Ø = 520 mm Height = 620 mm or 390 mm	Weight = 800 kg max Int. Ø = 450 or 510 mm Base Ø = 850 mm Height = 1 m or 1.30 m

For all other requests, please contact us.

### 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 SCHMOLZ + BICKENBACH group.
- › A recognised Research centre with dedicated experts.

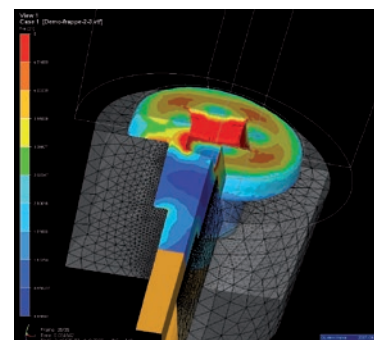
- 1 Drop weight device to determine the stainless steel behaviour law depending on strain rate and temperature (20 to 300°C)
- 2 Industrial cold heading machine with instrumentation to assess the performance of our products
- 3 Stress field mapping obtained by digital simulation during a square recess screw cold heading operation



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Non-contractual document

