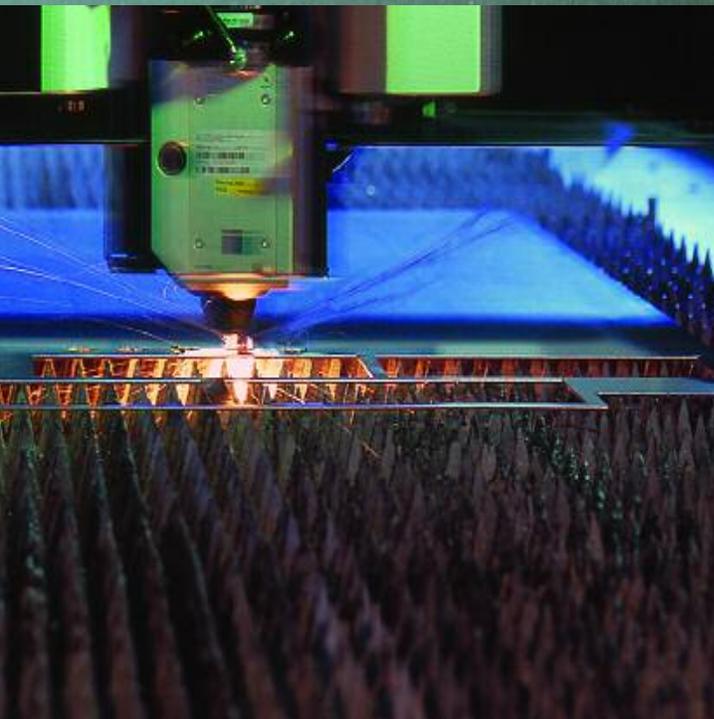
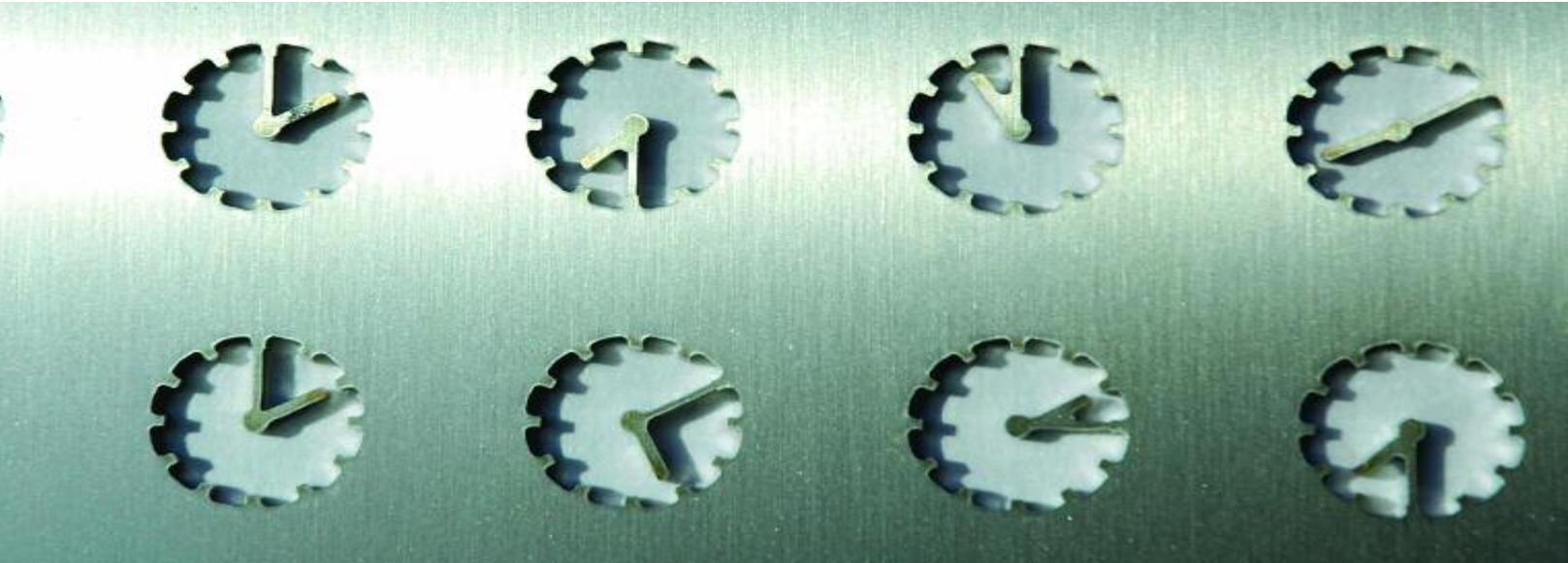


ThyssenKrupp VDM Stock & Service Center

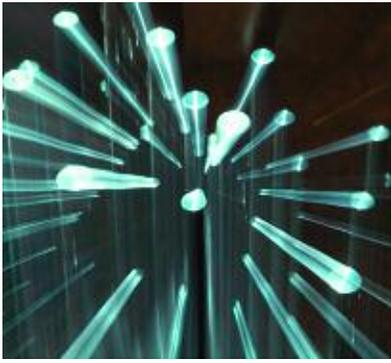
Tailor-made solutions at any time



ThyssenKrupp VDM



ThyssenKrupp



Stock & Service Center

Tailor-made solutions at any time

Fast paced changes of our markets pose great challenges to us.

The competence to adopt processes and performances to the new requirements of the markets are playing an ever more important role for the competitive capability in future.

Rapid and reliable services are gaining increasingly in importance. In order to meet your needs in time, flexible and exact we have invested in a Stock & Service Center at our location in Werdohl that offers a comprehensive product and service spectrum to you.

With our technical state-of-the-art cutting and prefabrication machinery we fulfil your particular requirements. For your specific applications we made our well-proved portfolio of high-performance materials available.

Our experienced and versed staff brings sound and extensive know-how into the treatment of your orders. In this way we offer the fulfilment of your special and individual need in due time.

The service spectrum of our Stock & Service Center contains:

- deliveries also of small quantities in short delivery times (we offer 24-hour delivery service for stock products)
- versatile and comprehensive choice of materials (permanent on stock, see the list enclosed)
- cutting of sheet and plate (with a laser sheet and plate will be cut to the requested size, different shapes and even complex parts are manufactured professionally and fast)
- sawing of bars and billets
- material recommendation by our application engineers in question of the optimal material usage
- package business
- rewinding of wire to smaller units
- rolling of round wire to flat wire



Considering the underneath dimensions we do sawing works for bars and billets:

- ♦ max. length 6.000 mm
- ♦ min. cut length 15 mm
- ♦ bars:
diameter: min. 10 mm and max. 540 mm
- ♦ billet:
max. size: 630 x 540 mm

Heating elements and wire wound resistors for electric furnaces can be functionally designed and manufactured to your specifications at a short notice.

Based on the dimensions in the stock list enclosed we roll round wire to flat wire:
0,08 - 1,50 mm x 0,40 - 5,50 mm
on spools to DIN 46399

For your demand of further materials and dimensions, that are not specified in the list enclosed, we offer you the possibility to manufacture and to assemble those items to your special requests, to store them in the Stock & Service Center as well as to provide the goods in partial deliveries*.

*Minimum order value per item amounts to EUR 750,00, the expenses for storage will be considered in the offer, the maximum storage time is 6 months; the offer refers to the entire product range of ThyssenKrupp VDM.



All this means to you:

- ♦ short term and controllable material purchasing,
- ♦ tailor-made solutions for your specific applications from one source,
- ♦ time saving by fast and flexible handling.

We make a point of going new ways always together with our customers. For questions and suggestions Mr. Klöpper will be at your disposal:

ThyssenKrupp VDM



Lars Klöpper

Senior Manager
Stock & Service Center

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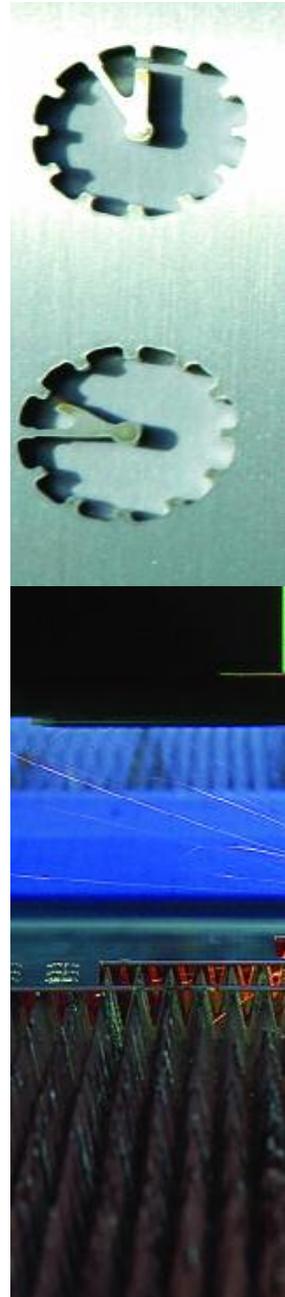
58778 Werdohl

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ThyssenKrupp VDM Stock & Service Center



Stock for sheets and plates, tailor-made products and special fabrications

Range of alloys from stock:

Size on stock: 2.000 x 6.000 mm

Material No.	ThyssenKrupp VDM Trademark	Alloy	2 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	20 mm
1.4529	Cronifer 1925 hMo	926	X	X	X	X	X	X				
1.4562	Nicrofer 3127 hMo	31		X	X	X	X	X	X			
1.4876 / 1.4958	Nicrofer 3220 H	800 H	X	X	X	X	X	X	X	X	X	X
2.4068	LC-Nickel 99.2	201/200	X	X	X	X	X	X	X	X	X	X
2.4360	Nicorros	400	X	X	X	X	X	X	X			
2.4602	Nicrofer 5621 hMoW	22	X	X	X	X	X	X	X	X	X	X
2.4605	Nicrofer 5923 hMo	59	X	X	X	X	X	X	X	X	X	X
2.4610	Nicrofer 6616 hMo	C-4	X	X	X	X	X	X	X	X	X	X
2.4633	Nicrofer 6025 HT	602 CA	X	X	X	X	X	X	X	X	X	X
2.4663	Nicrofer 5520 Co	617			X							
2.4819	Nicrofer 5716 hMoW	C-276	X	X	X	X	X	X	X	X	X	
2.4851	Nicrofer 6023 H	601 H	X	X	X	X	X	X	X			X
2.4856	Nicrofer 6020 hMo	625	X	X	X	X	X	X	X	X	X	X
2.4816	Nicrofer 7216	600	X	X	X	X	X	X	X	X		X

As of: 11/2009

Processing and laser cutting with the TruLaser5060

- Laser cutting of rings, circular blanks and drawing components
- Blanks on the basis of .dwg and .dxf files
- Delivery with test certification 3.1
- Inspection certificate 3.2 for all classifications possible (TÜV, LRS, GL, DNV...)

For your demand of further materials and dimensions, that are not specified in the list, we offer you the possibility to manufacture those items to your specific requirements, to provide storage in our Stock & Service Center as well as to provide the goods in partial deliveries.

Please find further information about processing our alloys and material data sheets online on our homepage: www.thyssenkruppvdm.com in the download area.

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Fax: +49 (2392) 55-4121, Internet: www.thyssenkruppvdm.com

Your key benefits / our service

- Short term and controllable material purchasing
- Tailor made solutions for your specific applications from one source
- Time saving by fast and flexible handling
- Scrap metal management
- Technical know-how and material recommendation by our application engineers in question of the optimal material usage
- Cutting of sheet and plate

Alloys used for following range of application such as:

- Chemical processing industries
- Industrial furnace construction
- Offshore
- Powerplant construction
- Petrochemicals



ThyssenKrupp VDM Stock & Service Center



Stock for heat resisting wire

Range of alloys from stock:

Alloys

Material No.	ThyssenKrupp VDM Trademark	UNS No.	DIN name	According to DIN
1.4860	Cronifer III	-	NiCr 3020	17470
2.4867	Cronifer II	N06004	NiCr 6015	17470/17471
2.4869	Cronix 80	N06003	NiCr 8020	17470/17471
2.0842	Konstantan	C72150	CuNi 44	17471/17664/46464

Round wire in 0,05 mm steps

0,10 - 1,50 mm	spools	according to DIN 46399
0,40 - 1,50 mm	drums	according to DIN 46396
> 1,50 mm	rings	

Rolling wire to flat wire

0,08 – 1,50 mm x 0,40 – 5,50 mm	spools	according to DIN 46399
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As of: 07/2009

Tailor-made solutions at any time

- Heating elements and wire wound resistors for electric furnaces can be functionally designed and manufactured to your specifications at a short notice.
- Delivery with test certification 3.1

For your demand of further materials and dimensions, that are not specified in the list, we offer you the possibility to manufacture those items to your specific requirements, to provide storage in our Stock & Service Center as well as to provide the goods in partial deliveries.

Please find further information about processing our alloys and material data sheets online on our homepage: www.thyssenkruppvdm.com in the download area.

Your key benefits / our service

- Package business
- Rolling wire to flat wire
- Time saving by fast and flexible handling
- Technical know-how and material recommendations by our application engineers.
- **24-hours delivery service** (for stock products)

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internet: www.thyssenkruppvdm.com



ThyssenKrupp VDM Stock & Service Center



Stock for round bars

Range of alloys from stock:

Stock length up to 6.000 mm

Material No.	ThyssenKrupp VDM Trademark	Alloy	Stock length up to 6.000 mm															
			1 inch – 25,400 mm	1 1/8 inch – 28,575 mm	1 1/4 inch – 31,750 mm	1 3/8 inch – 34,925 mm	1 1/2 inch – 38,100 mm	1 5/8 inch – 41,275 mm	1 3/4 inch – 44,450 mm	2 inch – 50,800 mm	2 1/4 inch – 57,150 mm	2 1/2 inch – 63,500 mm	2 3/4 inch – 69,850 mm	3 inch – 76,200 mm	3 1/4 inch – 82,550 mm	3 1/2 inch – 88,900 mm	4 inch – 101,600 mm	
2.4360	Nicorros	400	X	X	X	X	X	X	X					X	X	X	X	
2.4375	Nicorros AL	K 500	X		X		X		X	X	X						X	
1.4959	Nicrofer 3220 HP	800 HP						X		X		X					X	
2.4819	Nicrofer 5716 hMoW	C-276	X		X	X	X	X	X	X			X		X			
2.4856	Nicrofer 6020 hMo	625							X	X		X				X	X	
2.4816	Nicrofer 7216	600	X		X	X						X						

As of: 04/2009

- Bars can be cut to length on our high performance bandsaw
- Delivery with test certification 3.1
- Inspection certificate 3.2 for all classifications possible (TÜV, LRS, GL, DNV...)

For your demand of further materials and dimensions, that are not specified in the list, we offer you the possibility to manufacture those items to your specific requirements, to provide storage in our Stock & Service Center as well as to provide the goods in partial deliveries.

Please find further information about processing our alloys and material data sheets online on our homepage: www.thyssenkruppvdm.com in the download area.

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Your key benefits / our service

- Short term and controllable material purchasing
- Tailor made solutions for your specific applications from one source
- Time saving by fast and flexible handling
- Scrap metal management
- Technical know-how and material recommendation by our application engineers in question of the optimal material usage
- Cutting of sheet and plate

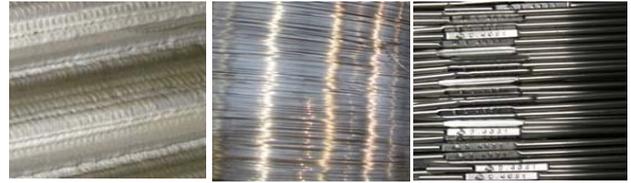
Alloys used for following range of application such as:

- Chemical processing industries
- Industrial furnace construction
- Offshore
- Powerplant construction
- Petrochemicals



ThyssenKrupp VDM

Stock & Service Center



Stock for Welding Consumables

Range of alloys from stock:

Delivery form: Spool

Material No.	ThyssenKrupp VDM Trademark	Alloy	1,0 mm	1,2 mm	1,6 mm	2,0 mm	2,4 mm
2.4831	Nicrofer S 6020	FM 625	X	X	X		X
2.4560	Nife S 6040	S Ni Z		X			
2.4607	Nicrofer S 5923	FM 59		X			
2.4806	Nicrofer S 7020	FM 82	X	X			

As of: 09/2009

Wire Rods : Length: 1.000mm

Material No.	ThyssenKrupp VDM Trademark	Alloy	1,0 mm	1,2 mm	1,6 mm	2,0 mm	2,4 mm
2.8387	Cunifer S 7030	FM 67			X	X	X
2.4607	Nicrofer S 5923	FM 59				X	X
2.4806	Nicrofer S 7020	FM 82				X	X
2.4831	Nicrofer S 6020	FM 625				X	X

As of: 11/2009

- **WIG Wire Rods are available in 5 kg tubulars**
- **Wire electrodes are available on basket spool SD 300**
- **Other delivery forms available on request**
- **Delivery with test certification 3.1**
- **Inspection certificate 3.2 possible for all classifications (TÜV, LRS, GL, DNV...)**

Our spools obtain optimized cast and helix values ensuring smooth wire feeding in automated welding processes.

Our welding consumables have tight tolerance ranges in alloying elements.

Please find further information about processing our alloys and material data sheets online on our homepage: www.thyssenkruppvdm.com in the download area.

Your key benefits / our service

- Short-term availability and controllable material purchasing
- Welding consumables complementing our plate portfolio
- Time saving by fast and flexible handling
- Technical know-how and material advice provided by our in-house welding laboratory

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