



# **Our fast service for your cold furnace**

**C/C Profiles, Plates and Fasteners**



**Schunk Kohlenstofftechnik GmbH**



# Spare parts in 24 hours

## Schunk Kohlenstofftechnik helps immediately!

Furnace downtime may cause considerable costs and problems. As spare parts often have long delivery times, quick repair is not possible.

Schunk can ship from stock by express delivery service within 24 hours. Within the European Union, we deliver on the following working day at the latest, provided your order is received by 11 A.M.

In Germany, your order will be shipped by TNT, in Europe by DHL. Non European Union Countries are also being served through DHL, delivery times on request.

Delivery terms: EX Works



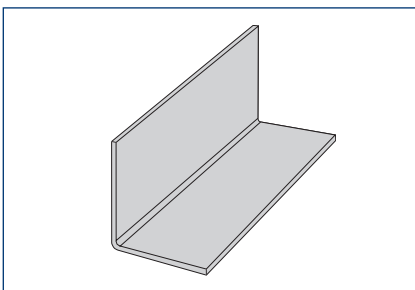
## Profiles

For the construction of insulation linings we keep the following carbon fibre reinforced carbon (C/C) components in stock:

- C/C L-profiles
- C/C U-profiles
- C/C h-profiles

These high-strength and extremely stiff components may easily be joined to complex assemblies by screws or plugs.

Standard dimensions are kept in stock. Profiles with special (non standard) dimensions can also be manufactured to customer specifications. Please understand that these parts may not be delivered under our fast-delivery service.

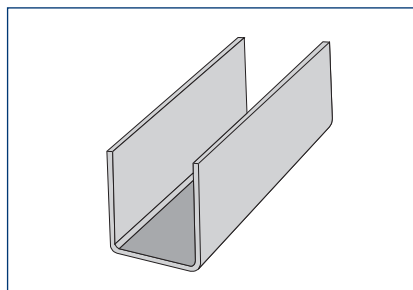


### L-Profile:

Schunk material CF226/2

- 70/70 x 1000 x 1.5 mm
- 70/70 x 2000 x 1.5 mm

Our standard size for L-profiles is 70/70. According to our costumers' request any required leg dimension is available within 10 weeks.

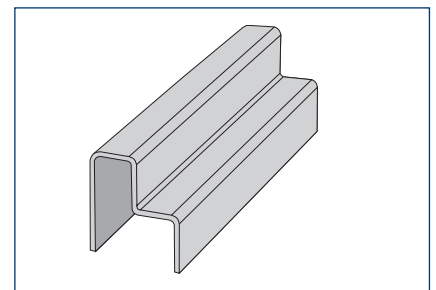


### U-Profile:

Schunk material CF226/2

- 70/20/70 x 1000 x 1.5 mm
- 70/30/70 x 1000 x 1.5 mm
- 60/40/60 x 1000 x 1.5 mm
- 60/40/60 x 2000 x 1.5 mm
- 60/60/60 x 1000 x 1.5 mm

Other profile widths are available on request.



### h-Profile:

Schunk material CF226/2

- 105 x 44 x 850 x 1.8 mm
- 105 x 44 x 1000 x 1.8 mm

## Plates

Plates to be used for construction, insulation and as raw material for fasteners are also available within 24 hours:

### Plates for insulation linings:

Schunk material CF226/2

- 1000 x 1000 x 1.3/2.0/2.4 and 3,0 mm

### Plates for construction:

Schunk material CF226

- 1000 x 650 x 4/5/6/7 and 8 mm
- 1000 x 1000 x 4/5/6/7 and 8 mm
- 1200 x 800 x 4/5/6/7 and 8 mm

### Plates for fasteners:

Schunk material CF222

- 1000 x 500 x 6.5/8.2/10 and 13.6 mm



The following maximum dimensions are available on special request:

- 1100 x 2200 x requested thickness (mm) carbonized and graphitized
- 1000 x 1000 x requested thickness (mm), redensified
- The thickness tolerance for plates is  $\pm 0,3$  mm

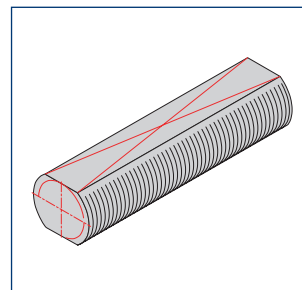


## Fasteners

C/C fasteners such as threaded rods, nuts and screws may be used in vacuum or in inert atmosphere at temperatures up to 2400 °C (4350 °F).

The following fasteners are available under our 24 hour fast-delivery service:

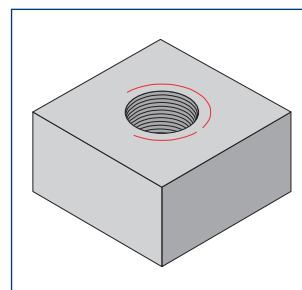
- **C/C threaded rods**
- **C/C nuts (square)**



### C/C threaded rods, flattened:

Schunk material CF222

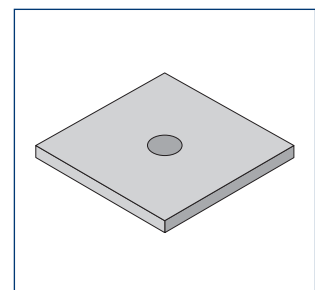
- M 8/10/12 and 16 x 960



### C/C nuts (square):

Schunk material CF270

- M 8/10/12 and 16

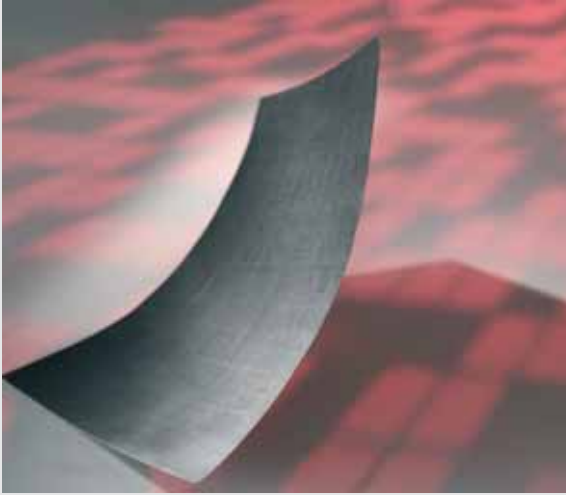


### Washer

Schunk material CF226/2

- 30 x 30 x 2.4  
bore diameter:  $\varnothing$  7 mm

Other screws and thread dimensions (non metric) are available on request.



## Graphite foil

Graphite foil is available in the following maximum sizes and can be supplied in sheet or roll form.

- 1000 x 1000 mm
- 1500 x 1000 mm
- 1500 x 1500 mm
- Thickness: 0.5 – 3.0 mm

Optionally, micro-perforated graphite foils are available.

## Solutions for your furnace

We manufacture a wide range of custom C/C parts to your specifications. We can also combine C/C construction and graphite parts in various designs. Raw or finished components can be supplied. Special shaped parts such as fans or heating elements can also be fabricated.

In addition to standard dimensions given in this brochure, special dimensions are available on request.

Our engineers are ready to give you advice regarding the design of special components.

If you are interested in insulation materials, please ask for our brochure “Long-fibre Rigid Felt Boards for Insulation Application” or visit us at [www.schunk-group.com](http://www.schunk-group.com)

**We are looking forward to your request!**

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