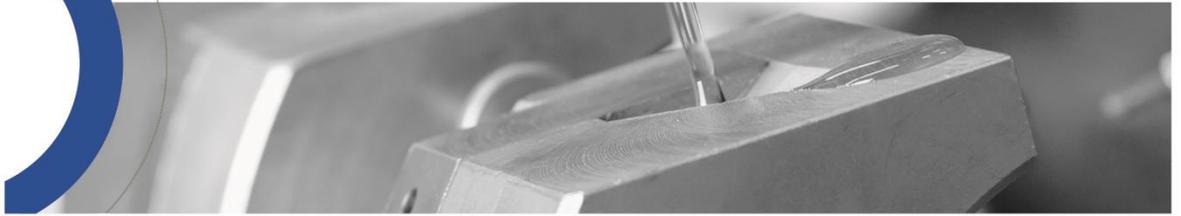


**Semi-finished product range**

Cast and moulded parts  
Elastomer spring elements  
Snow plow blades  
Clutch packages  
Protective jaws  
PUR metal compounds  
Concrete-wear parts  
Wheels, rollers and mills



## Range of semi-finished products / pipes



**Round bars**

**Materials**

Original Vulkollan® D15, Polyurethane D44, with hydrolysis protection

**Hardness ranges**

70 (72)+-5, 82 (80)+-5, 90+-5, 96+-3 Shore A

**Colors**

Standard color for Vulkollan® D15 is basically "natural", for Polyurethane D44 "brown". Coloring in black, white, red, blue, yellow and green is possible as special production. Other color shades, e.g. according to RAL register after consultation.

**Pipes and tubes made from original Vulkollan® D15 and Polyurethane D44 are manufactured exclusively according to customer specifications and are therefore not stocked.**

**Pipe/tube forming / forming systems**

For the manufacture of the pipes/tubes we have a variety of forming systems available that can be combined with one another i.e., for the majority of dimensions appropriate pipe/tube forms are available and no additional forming costs are incurred.

Our pipe/tube system up to an overall length of approx. 550 mm ranges from 8.5 to 100 mm inside diameter and can be combined together with corresponding outside diameters from 20 to 135 mm.



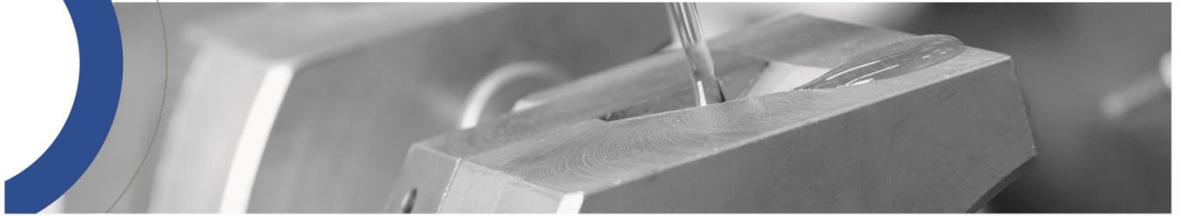
**QUADRIGA Dichtungs-GmbH**

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**Semi-finished product range**

Cast and moulded parts  
Elastomer spring elements  
Snow plow blades  
Clutch packages  
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PUR metal compounds  
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Wheels, rollers and mills



With our pipe/tube system up to an overall length of approx. 110 mm we have the possibility to optionally combine inside diameters from 32 to 330 mm and outside diameters of up to max. 430 mm.

Please note, that these pipe/tube systems are not available without gaps. We would therefore like to ask you to definitely inquire about your dimension requirements beforehand. If there are no suitable casting molds available for your particular case, we can naturally manufacture these quickly and inexpensively for you in our group's own tool- and mold construction department.

### **Square tubes**

Dimensions for square tubes on request.

### **Mechanical further processing / final machining**

If you do not have the possibility, the appropriate know-how or suitable machines and systems for your in-house machining of our semi-finished products, we are also a reliable and competent partner for you.

For the mechanical further processing or final machining of PUR elastomers, within our group of companies we can offer you almost all standard methods such as e.g. stamping, turning, milling, drilling, sawing, cutting, grinding, water-jet cutting etc. Consequently, we can manufacture for you a wearing part ready for installation according to your sample or drawing specifications.

### **Tolerances according to DIN 3302-1 M3**

Sales prices, other dimensions; other material qualities as well as other colors **on request**

For your special application-technical requirement or for other queries, please contact our sales team or send us your detailed inquiry.

Vulkollan® is a registered trademark of Bayer AG.



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