

## Reamers

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

**Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Reamer 3 Q a-d

Item number: 3 Q a-d

Category: Reamers

Reamer with inserts made of highly heat-resistant special material, 3 mm thick, heat-resistance up to 2500° C, form-taper 1:10



### Reamer 3 Q a

Item number: VW1-00155

Reamer, 60 x 14,0 mm

### Reamer 3 Q b

Item number: VW1-00156

Reamer, 70 x 16,5 mm

### Reamer 3 Q c

Item number: VW1-00157

Reamer, 80 x 21,0 mm

### Reamer 3 Q d

Item number: VW1-00158

Reamer, 90 x 27,0 mm

## Reamer 3 a-e

Item number: 3 a-e

Category: Reamers

Reamer made of brass sheet metal, 1.5 mm thick, form-taper 1:10

### Reamer 3 a

Item number: VW1-00149

Reamer, 45 x 8,5 mm

### Reamer 3 c

Item number: VW1-00151

Reamer, 60 x 14 mm

### Reamer 3 e

Item number: VW1-00153

Reamer, 80 x 21 mm



## Reamer 2 Q a-d

Item number: 2 Q a-d

Category: Reamers

Reamer with inserts of highly heat-resisting special material, 3 mm thick, heat-resistance up to



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



2500° C, pointed form.

## Reamer 2 Q a

Item number: VW1-00145

Reamer, 45 x 30 mm

## Reamer 2 Q b

Item number: VW1-00146

Reamer, 55 x 35 mm

## Reamer 2 Q c

Item number: VW1-00147

Reamer, 65 x 42 mm

## Reamer 2 Q d

Item number: VW1-00148

Reamer, 75 x 48 mm

## Reamers 2 b-f

Item number: 2 b-f

Category: Reamers

Reamers made of brass sheet metal, 1.5 mm thick, pointed form.

## Reamer 2 b

Item number: VW1-00140

Reamer, 35 x 23 mm

## Reamer 2 c

Item number: VW1-00141

Reamer, 45 x 30 mm

## Reamer 2 e

Item number: VW1-00143

Reamer, 65 x 42 mm

## Reamer 2 f

Item number: VW1-00144

Reamer, 75 x 48 mm



## Reamers 8 Q a-p

Item number: 8 Q a-p

Category: Reamers

Cylindrical design, 150 mm long, for quartz glass working. Hardness 50.0 shore, compressive strength 100.0 N/mm<sup>2</sup>, thermal conductivity 90W/mK. &nbsp;&nbsp;  
<br />



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



## **Reamer 8 Q a**

Item number: VW1-00077

Reamers, dia. 10 mm

## **Reamer 8 Q b**

Item number: VW1-00078

Reamers, dia. 15 mm

## **Reamer 8 Q c**

Item number: VW1-00079

Reamers, dia. 20 mm

## **Reamer 8 Q d**

Item number: VW1-00080

Reamers, dia. 25 mm

## **Reamer 8 Q e**

Item number: VW1-00081

Reamers, dia. 30 mm

## **Reamer 8 Q f**

Item number: VW1-00082

Reamers, dia. 35 mm

## **Reamer 8 Q g**

Item number: VW1-00083

Reamers, dia. 40 mm

## **Reamer 8 Q h**

Item number: VW1-00084

Reamers, dia. 45 mm

## **Reamer 8 Q i**

Item number: VW1-00085

Reamers, dia. 50 mm

## **Reamer 8 Q k**

Item number: VW1-00086

Reamers, dia. 55 mm

## **Reamer 8 Q l**

Item number: VW1-00087

Reamers, dia. 60 mm

## **Reamer 8 Q m**

Item number: VW1-00088

Reamers, dia. 65 mm

## **Reamer 8 Q n**

Item number: VW1-00089

Reamers, dia. 75 mm

## **Reamer 8 Q o**

Item number: VW1-00090

Reamers, dia. 90 mm

## **Reamer 8 Q p**

Item number: VW1-00091

Reamers, dia. 105 mm

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Reamers 8/1 Q a-p

Item number: 8/1 Q a-p

Category: Reamers

Reamers: cylindrical design, 300 mm long, for quartz glass working. Hardness 50.0 shore, compressive strength 100.0 N/mm<sup>2</sup>, thermal conductivity 90 W/mK.



### **Reamer 8/1 Q a**

Item number: VW1-00106

Reamers, 3 mm dia.

### **Reamer 8/1 Q b**

Item number: VW1-00107

Reamers, 4 mm dia.

### **Reamer 8/1 Q c**

Item number: VW1-00108

Reamers, 5 mm dia.

### **Reamer 8/1 Q d**

Item number: VW1-00109

Reamers, 6 mm dia.

### **Reamer 8/1 Q e**

Item number: VW1-00110

Reamers, 7 mm dia.

### **Reamer 8/1 Q f**

Item number: VW1-00111

Reamers, 8 mm dia.

### **Reamer 8/1 Q g**

Item number: VW1-00112

Reamers, 9 mm dia.

### **Reamer 8/1 Q h**

Item number: VW1-00113

Reamers, 10 mm dia.

### **Reamer 8/1 Q i**

Item number: VW1-00114

Reamers, 12 mm dia.

### **Reamer 8/1 Q k**

Item number: VW1-00115

Reamers, 15 mm dia.

### **Reamer 8/1 Q l**

Item number: VW1-00116

Reamers, 20 mm dia.

### **Reamer 8/1 Q m**

Item number: VW1-00117

Reamers, 25 mm dia.

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Reamer 8/1 Q n

Item number: VW1-00118

Reamers, 30 mm dia.

## Reamer 8/1 Q o

Item number: VW1-00119

Reamers, 35 mm dia.

## Reamer 8/1 Q p

Item number: VW1-00120

Reamers, 40 mm dia.

## Reamers 1 Q a-e

Item number: 1 Q a-e

Category: Reamers

Reamers with inserts made of highly heat-resisting special material, 3 mm thick, heat-resistance up to 2500° C, obtuse form.



### Reamer 1 Q b

Item number: VW1-00135

Reamer, 45 x 45 mm

### Reamer 1 Q c

Item number: VW1-00136

Reamer, 55 x 55 mm

### Reamer 1 Q d

Item number: VW1-00137

Reamer, 65 x 65 mm

### Reamer 1 Q e

Item number: VW1-00138

Reamer, 75 x 75 mm

### Reamer 1 Q a

Item number: VW1-00134

Reamer, 35 x 35 mm

## Reamers 1 b-f

Item number: 1 b-f

Category: Reamers

Reamers made of brass sheet metal, 1.5 mm thick, obtuse form.



### Reamer 1 b

Item number: VW1-00129

Reamer, 35 x 35 mm

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Reamer 1 d

Item number: VW1-00131

Reamer, 55 x 55 mm

## Reamer 1 e

Item number: VW1-00132

Reamer, 65 x 65 mm

## Reamer 1 f

Item number: VW1-00133

Reamer, 75 x 75 mm

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Graphite tools

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## 10/1 Q a-r

Item number: 10/1 Q a-r

Category: Graphite tools

for standard ground joints made of heat-resisting material, form-taper 1:10, length 150 mm, with internal thread M 5 for fastening of the handle, for reworking quartz glass.

&nbsp;<br />



### **Hexagon carbon 10/1 Q a**

Item number: VW1-00265

Hexagon carbon, NS 5

### **Hexagon carbon 10/1 Q b**

Item number: VW1-00266

Hexagon carbon, NS 7,5

### **Hexagon carbon 10/1 Q c**

Item number: VW1-00267

Hexagon carbon, NS 10

### **Hexagon carbon 10/1 Q d**

Item number: VW1-00268

Hexagon carbon, NS 12,5

### **Hexagon carbon 10/1 Q e**

Item number: VW1-00269

Hexagon carbon, NS 14,5

### **Hexagon carbon 10/1 Q f**

Item number: VW1-00270

Hexagon carbon, NS 16

### **Hexagon carbon 10/1 Q g**

Item number: VW1-00271

Hexagon carbon, NS 19

### **Hexagon carbon 10/1 Q h**

Item number: VW1-00272

Hexagon carbon, NS 24

### **Hexagon carbon 10/1 Q i**

Item number: VW1-00273

Hexagon carbon, NS 29

### **Hexagon carbon 10/1 Q l**

Item number: VW1-00275

Hexagon carbon, NS 40

### **Hexagon carbon 10/1 Q m**

Item number: VW1-00276

Hexagon carbon, NS 45

### **Hexagon carbon 10/1 Q n**

Item number: VW1-00277

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



Hexagon carbon, NS 50

## Hexagon carbon 10/1 Q p

Item number: VW1-00279

Hexagon carbon, NS 60

## Hexagon carbon 10/1 Q q

Item number: VW1-00280

Hexagon carbon, NS 70

## Hexagon carbon 10/1 Q r

Item number: VW1-00281

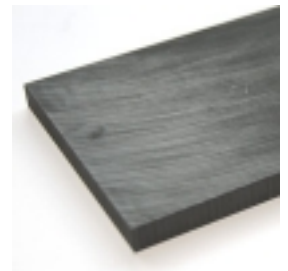
Hexagon carbon, NS 85

## 7/1 Q a-d

Item number: 7/1 Q a-d

Category: Graphite tools

especially heat resistant for quartz glass processing with handle  
style="DISPLAY: none">&nbsp;</span><span id="1259223681997S" style="DISPLAY: none">  
<br /></span>



### Carbon flat 7/1 Q a

Item number: VW1-00768

Carbon flats, 75 x 50 x 10 mm

### Carbon flat 7/1 Q b

Item number: VW1-00769

Carbon flats, 150 x 100 x 10 mm

### Carbon flat 7/1 Q c

Item number: VW1-00770

Carbon flats, 200 x 100 x 10 mm

### Carbon flat 7/1 Q d

Item number: VW1-00771

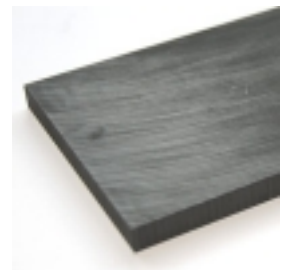
Carbon flats, 200 x 50 x 10 mm

## 7 Q a-d

Item number: 7 Q a-d

Category: Graphite tools

for the quartz glass working. Hardness 50.0 shore, compressive strength 100.0 N/mm<sup>2</sup>, thermal conductivity 90.0W/mK.<span id="1259223521810S" style="DISPLAY: none">&nbsp;</span><span id="1259223325608S" style="DISPLAY: none"> <br /></span>



### Carbon flat 7 Q a

Item number: VW1-00041

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



Carbon flats, 200 x 100 x 10 mm

## **Carbon flat 7 Q b**

Item number: VW1-00042

Carbon flats, 200 x 50 x 10 mm

## **Carbon flat 7 Q c**

Item number: VW1-00043

Carbon flats, 200 x 50 x 5 mm

## **Carbon flat 7 Q d**

Item number: VW1-00044

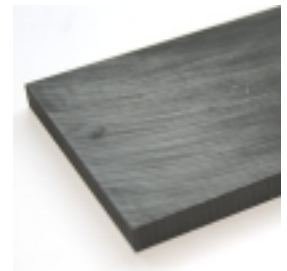
Carbon flats, 200 x 100 x 20 mm

## 7 QS a-e

Item number: 7 QS a-e

Category: Graphite tools

made of highly heat-resistant material. This material combines the smooth working abilities of graphite with never experienced heat resistance. Heat-resistance: up to 2500° C  
id="1259223277676S" style="DISPLAY: none">&nbsp;</span><span id="1259222969642S" style="DISPLAY: none"> <br /></span>



### **Special flat 7 QS a**

Item number: VW1-00045

Special flats, 200 x 100 x 3 mm

### **Special flat 7 QS b**

Item number: VW1-00046

Special flats, 200 x 50 x 3 mm

### **Special flat 7 QS c**

Item number: VW1-00047

Special flats, 150 x 100 x 3 mm

### **Special flat 7 QS d**

Item number: VW1-00048

Special flats, 75 x 50 x 3 mm

### **Special flat 7 QS e**

Item number: VW1-00805

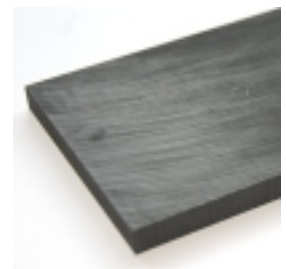
Special flat, 350 x 350 x 3 mm

## 7/2 Q a-c

Item number: 7/2 Q a-c

Category: Graphite tools

for processing quartz glass. Hardness 50,0 shore, resistance to pressure 100,0 N/mm<sup>2</sup>, thermal conductivity 90,0 W/mK with distance piecemade of round steel, approx. 40 cm long and wooden



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



handle, primarily for machine works. &nbsp; <br />

## Carbon flat 7/2 Q a

Item number: VW1-00811

Carbon flats, 200 x 100 x 10 mm

## Carbon flat 7/2 Q b

Item number: VW1-00812

Carbon flats, 200 x 50 x 10 mm

## Carbon flat 7/2 Q c

Item number: VW1-00813

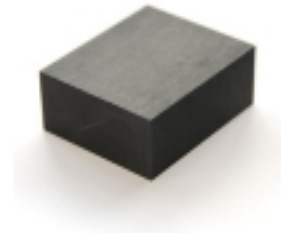
Carbon flats, 150 x 100 x 10 mm

## 7/4 Q a-f

Item number: 7/4 Q a-f

Category: Graphite tools

rectangular, for quartz glass working. Hardness 50.0 shore, compressive strength 100.0 N/mm<sup>2</sup>, thermal conductivity 90W/mK. &nbsp; <br />



## Carbon block 7/4 Q a

Item number: VW1-00055

Carbon blocks, 50 x 60 x 25 mm

## Carbon block 7/4 Q b

Item number: VW1-00056

Carbon blocks, 65 x 60 x 30 mm

## Carbon block 7/4 Q c

Item number: VW1-00057

Carbon blocks, 70 x 75 x 35 mm

## Carbon block 7/4 Q d

Item number: VW1-00058

Carbon blocks, 80 x 80 x 40 mm

## Carbon block 7/4 Q e

Item number: VW1-00059

Carbon blocks, 90 x 90 x 45 mm

## Carbon block 7/4 Q f

Item number: VW1-00060

Carbon blocks, 120 x 100 x 60 mm

## Carbon holder 10/3 a-d

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



Item number: 10/3 a-d  
Category: Graphite tools

for hexagon carbons for standard ground joints, with three adjustable steel jaws

### **Carbon holder 10/3 a**

Item number: VW1-00806  
Carbon holder, Ø 10 - 30 mm

### **Carbon holder 10/3 b**

Item number: VW1-00807  
Carbon holder, Ø 25 -55 mm

### **Carbon holder 10/3 c**

Item number: VW1-00808  
Carbon holder, Ø 50 - 80 mm

### **Carbon holder 10/3 d**

Item number: VW1-00809  
Carbon holder, Ø 75 -110 mm

## Wooden handle 10/2 a-c

Item number: 10/2 a-c  
Category: Graphite tools

Wooden handle with thread insert for screwing in hexagon carbons with internal thread M 5.

### **Wooden handle 10/2 a**

Item number: VW1-00283  
Wooden handle, NS 5 - 12,5

### **Wooden handle 10/2 b**

Item number: VW1-00284  
Wooden handle, NS 14,5 - 45

### **Wooden handle 10/2 c**

Item number: VW1-00285  
Wooden handle, NS 50 - 100

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## HOLDERS

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Large flange holder 25/50 a-c

Item number: 25/50 a-c

Category: Holders

- light execution -<br /><br />for clamping of plane flanges and plane flange covers, stainless steel clamping arms, clamping jaws covered with asbestos-free material. Flange holders for larger clamping ranges upon request.

### Large flange holder 25/50 a

Item number: VW1-00445

Large flange holder, 100-140 mm dia.

### Large flange holder 25/50 b

Item number: VW1-00446

Large flange holder, 140-200 mm dia.

### Large flange holder 25/50 c

Item number: VW1-00447

Large flange holder, 200-250 mm dia.

## Quick-clamping holder 25/3 a-g

Item number: 25/3 a-g

Category: Holders

<div class="product\_preview\_pic"><link  
typo3/nc/en/glass-quartz-glass/tools-workstations/holders/productdetail/150099.html></link></div  
>

<div class="product\_content\_right left"><div class="product\_desc">Quick-clamping holder for  
stop cock barrels</div></div>



### Quick-clamping holder 25/3 a

Item number: VW1-00365

Quick-clamping holder, 1,5-2,5 mm bore

### Quick-clamping holder 25/3 b

Item number: VW1-00366

Quick-clamping holder, 4 mm bore

### Quick-clamping holder 25/3 c

Item number: VW1-00367

Quick-clamping holder, 6 mm bore

### Quick-clamping holder 25/3 d

Item number: VW1-00368

Quick-clamping holder, 8 mm bore

### Quick-clamping holder 25/3 e

Item number: VW1-00369

Quick-clamping holder, 10 mm bore

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



## Quick-clamping holder 25/3 f

Item number: VW1-00370

Quick-clamping holder, 15 mm bore

## Quick-clamping holder 25/3 g

Item number: VW1-00371

Quick-clamping holder, 20 mm bore

## Holder 25/6 a-n

Item number: 25/6 a-n

Category: Holders

Holder for standard ground joints - female made of Aluminium, inside covered with graphite film, with hollow handle, with hose gland.

### Holder 25/6 a

Item number: VW1-00379

Holder, NS 12,5

### Holder 25/6 aa

Item number: VW1-00376

Holder, NS 5

### Holder 25/6 b

Item number: VW1-00380

Holder, NS 14,5

### Holder 25/6 bb

Item number: VW1-00377

Holder, NS 7,5

### Holder 25/6 c

Item number: VW1-00381

Holder, NS 16

### Holder 25/6 cc

Item number: VW1-00378

Holder, NS 10

### Holder 25/6 d

Item number: VW1-00382

Holder, NS 19

### Holder 25/6 e

Item number: VW1-00383

Holder, NS 24

### Holder 25/6 f

Item number: VW1-00384

Holder, NS 29

### Holder 25/6 g

Item number: VW1-00385



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Holder, NS 34,5

## **Holder 25/6 h**

Item number: VW1-00386

Holder, NS 40

## **Holder 25/6 i**

Item number: VW1-00387

Holder, NS 45

## **Holder 25/6 k**

Item number: VW1-00388

Holder, NS 50

## **Holder 25/6 l**

Item number: VW1-00389

Holder, NS 55

## **Holder 25/6 m**

Item number: VW1-00390

Holder, NS 60

## **Holder 25/6 n**

Item number: VW1-00391

Holder, NS 70

## Flanschhalter 25/30 a-g

Item number: 25/30 a-g

Category: Holders

for spherical, plane and cup flanges

### **Flange holder 25/30 a**

Item number: VW1-00438

Flange holder, nominal width 25

### **Flange holder 25/30 b**

Item number: VW1-00439

Flange holder, nominal width 40

### **Flange holder 25/30 c**

Item number: VW1-00440

Flange holder, nominal width 50

### **Flange holder 25/30 d**

Item number: VW1-00441

Flange holder, nominal width 80

### **Flange holder 25/30 e**

Item number: VW1-00442

Flange holder, nominal width 100

### **Flange holder 25/30 f**

Item number: VW1-00443

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Flange holder, nominal width 150

## Flange holder 25/30 g

Item number: VW1-00444

Flange holder, nominal width 200

## Holder 25/4 a-d

Item number: 25/4 a-d

Category: Holders

Beaker, cylinder and funnel holder also for short glass tubes, two of the three arms are adjustable and fixable, while the third one is springloaded to facilitate glassware loading and removal.

### Holder 25/4 a

Item number: VW1-00372

Holder, 30 - 50 mm dia.

### Holder 25/4 b

Item number: VW1-00373

Holder, 45 - 65 mm dia.

### Holder 25/4 c

Item number: VW1-00374

Holder, 60 - 85 mm dia.

### Holder 25/4 d

Item number: VW1-00375

Holder, 80 - 100 mm dia.



## Holder 25/8 a-l

Item number: 25/8 a-l

Category: Holders

Holder for ball joints-female and -male made of Aluminium, with quick clamping device and hollow handle.

### Holder 25/8 a

Item number: VW1-00408

Holder, KS 13

### Holder 25/8 b

Item number: VW1-00409

Holder, KS 16

### Holder 25/8 c

Item number: VW1-00410

Holder, KS 19

### Holder 25/8 d



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Item number: VW1-00411

Holder, KS 25

### **Holder 25/8 e**

Item number: VW1-00412

Holder, KS 29

### **Holder 25/8 f**

Item number: VW1-00413

Holder, KS 35

### **Holder 25/8 g**

Item number: VW1-00414

Holder, KS 38

### **Holder 25/8 h**

Item number: VW1-00415

Holder, KS 41

### **Holder 25/8 k**

Item number: VW1-00417

Holder, KS 64

### **Holder 25/8 l**

Item number: VW1-00418

Holder, KS 76

## Holder 25/7 a-n

Item number: 25/7 a-n

Category: Holders

for standard ground joints-male made of Aluminium, inside covered with graphite film, with hollow handle, with hose gland.

### **Holder 25/7 a**

Item number: VW1-00395

Holder, NS 12,5

### **Holder 25/7 aa**

Item number: VW1-00392

Holder, NS 5

### **Holder 25/7 b**

Item number: VW1-00396

Holder, NS 14,5

### **Holder 25/7 bb**

Item number: VW1-00393

Holder, NS 7,5

### **Holder 25/7 c**

Item number: VW1-00397

Holder, NS 16



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Holder 25/7 cc

Item number: VW1-00394

Holder, NS 10

## Holder 25/7 d

Item number: VW1-00398

Holder, NS 19

## Holder 25/7 e

Item number: VW1-00399

Holder, NS 24

## Holder 25/7 f

Item number: VW1-00400

Holder, NS 29

## Holder 25/7 g

Item number: VW1-00401

Holder, NS 34,5

## Holder 25/7 h

Item number: VW1-00402

Holder, NS 40

## Holder 25/7 i

Item number: VW1-00403

Holder, NS 45

## Holder 25/7 k

Item number: VW1-00404

Holder, NS 50

## Holder 25/7 l

Item number: VW1-00405

Holder, NS 55

## Holder 25/7 m

Item number: VW1-00406

Holder, NS 60

## Holder 25/7 n

Item number: VW1-00407

Holder, NS 70

## Adjustable flask holder 22/1 a-h

Item number: 22/1 a-h

Category: Holders

Adjustable flask holder, for Erlenmeyer flasks, with robust steel jaws, that are additionally burnished, wide range of adjustment.

### Adjustable flask holder 22/1 a

Item number: VW1-00317



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Adjustable flask holder, 25 ml

### **Adjustable flask holder 22/1 b**

Item number: VW1-00318

Adjustable flask holder, 50 ml

### **Adjustable flask holder 22/1 c**

Item number: VW1-00319

Adjustable flask holder, 100 ml

### **Adjustable flask holder 22/1 d**

Item number: VW1-00320

Adjustable flask holder, 150 ml

### **Adjustable flask holder 22/1 e**

Item number: VW1-00321

Adjustable flask holder, 250 ml

### **Adjustable flask holder 22/1 f**

Item number: VW1-00322

Adjustable flask holder, 500 ml

### **Adjustable flask holder 22/1 g**

Item number: VW1-00323

Adjustable flask holder, 750 ml

### **Adjustable flask holder 22/1 h**

Item number: VW1-00324

Adjustable flask holder, 1000 ml

## Vacuum flask holder 24/1 a-c

Item number: 24/1 a-c

Category: Holders

with insulated handle, rotary seal and by-pass valve for surrounding air, including holding plate covered with asbestos-free material.

### **Vacuum flask holder 24/1 a**

Item number: VW1-00620

Vacuum flask holder, 100-1000 ml

### **Vacuum flask holder 24/1 b**

Item number: VW1-00621

Vacuum flask holder, 500-6000 ml

### **Vacuum flask holder 24/1 c**

Item number: VW1-00622

Vacuum flask holder, max. 10000 ml

## Tube holder 24/2 a-c

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Item number: 24/2 a-c

Category: Holders

Tube holder for inner clamping with quick-clamping and fixing device, primarily for the production of vessels, heavy execution for machine work.

### **Tube holder 24/2 a**

Item number: VW1-00350

Tube holder, 45 - 100 mm

### **Tube holder 24/2 b**

Item number: VW1-00351

Tube holder, 75 - 150 mm

### **Tube holder 24/2 c**

Item number: VW1-00352

Tube holder, 110 - 200 mm

## Tube holder for inner clamping 24/3 a-b

Item number: 24/3 a-b

Category: Holders

for inner clamping with quick-clamping and fixing device, bottom covered with asbestos-free material, with sealing space and hose connection at the handle, light-weight execution, for manual work.

### **Tube holder 24/3 a**

Item number: VW1-00353

Tube holder, 30 - 60 mm

### **Tube holder 24/3 b**

Item number: VW1-00354

Tube holder, 60 - 100 mm



## Patented holder 25 a-c

Item number: 25 a-c

Category: Holders

Patented holder for quick-clamping of cylindrical feet, with insulated handle and brass clamping jaws.

### **Patented holder 25 a**

Item number: VW1-00355

Patented holder, 20 - 60 mm

### **Patented holder 25 b**



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Item number: VW1-00356  
Patented holder, 50 - 100 mm

## **Patented holder 25 c**

Item number: VW1-00357  
Patented holder, 100 - 150 mm

## **Adjustable flask holder 22 a-k**

Item number: 22 a-k  
Category: Holders

with steel jaws and riveted-on spring steel arms, primarily for processing hard glass

### **Adjustable flask holder 22 a**

Item number: VW1-00303  
Adjustable flask holder, 5 ml

### **Adjustable flask holder 22 b**

Item number: VW1-00304  
Adjustable flask holder, 10 ml

### **Adjustable flask holder 22 c**

Item number: VW1-00305  
Adjustable flask holder, 20-75 ml

### **Adjustable flask holder 22 d**

Item number: VW1-00306  
Adjustable flask holder, 75-150 ml

### **Adjustable flask holder 22 e**

Item number: VW1-00307  
Adjustable flask holder, 200-400 ml

### **Adjustable flask holder 22 f**

Item number: VW1-00308  
Adjustable flask holder, 500-750 ml

### **Adjustable flask holder 22 g**

Item number: VW1-00309  
Adjustable flask holder, 750-1000 ml

### **Adjustable flask holder 22 h**

Item number: VW1-00310  
Adjustable flask holder, 1000-1500 ml

### **Adjustable flask holder 22 i**

Item number: VW1-00311  
Adjustable flask holder, 2000-3000 ml

### **Adjustable flask holder 22 k**

Item number: VW1-00312  
Adjustable flask holder, 3000-4000 ml



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Patented holder 25/1 a-c

Item number: 25/1 a-c

Category: Holders

for quick-clamping of Erlenmeyer flasks and other glassware (beakers), with plastic-insulated handle and brass clamping jaws.



### Patented holder 25/1 a

Item number: VW1-00358

Patented holder, 20 - 60 mm

### Patented holder 25/1 b

Item number: VW1-00359

Patented holder, 50 - 100 mm

### Patented holder 25/1 c

Item number: VW1-00360

Patented holder, 100 - 150 mm

## Holder for glass glands 25/20 a-e

Item number: 25/20 a-e

Category: Holders

<div class="product\_preview\_pic"><link  
typo3/nc/en/glass-quartz-glass/tools-workstations/holders/productdetail/150083.html></link></div  
>

<div class="product\_content\_right left"><div class="product\_desc">Holder for glass  
glands</div></div>

### Holder for glass glands 25/20 a

Item number: VW1-00424

Holder for glass glands, 8 mm dia.

### Holder for glass glands 25/20 b

Item number: VW1-00425

Holder for glass glands, 9 mm dia.

### Holder for glass glands 25/20 c

Item number: VW1-00426

Holder for glass glands, 10 mm dia.

### Holder for glass glands 25/20 d

Item number: VW1-00427

Holder for glass glands, 11 mm dia.

### Holder for glass glands 25/20 e

Item number: VW1-00428

Holder for glass glands, 12 mm dia.

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



## Holder for glass threads 25/25 a-e

Item number: 25/25 a-e

Category: Holders

made of Aluminium, with insulated handle.

### **Holder for glass threads 25/25 a**

Item number: VW1-00429

Holder for glass threads, GL 14

### **Holder for glass threads 25/25 b**

Item number: VW1-00430

Holder for glass threads, GL 18

### **Holder for glass threads 25/25 c**

Item number: VW1-00431

Holder for glass threads, GL 25

### **Holder for glass threads 25/25 d**

Item number: VW1-00432

Holder for glass threads, GL 32

### **Holder for glass threads 25/25 e**

Item number: VW1-00433

Holder for glass threads, GL 45



## Holder for glass threads 25/25 SVL a-d

Item number: 25/25 SVL a-d

Category: Holders

Holder for glass threads made of Aluminium, with insulated handle.

### **Holder for glass threads 25/25 SVL a**

Item number: VW1-00434

Holder for glass threads, SVL 15

### **Holder for glass threads 25/25 SVL b**

Item number: VW1-00435

Holder for glass threads, SVL 22

### **Holder for glass threads 25/25 SVL c**

Item number: VW1-00436

Holder for glass threads, SVL 30

### **Holder for glass threads 25/25 SVL d**

Item number: VW1-00437

Holder for glass threads, SVL 42



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Univ. holder 25/10 a-b

Item number: 25/10 a-b

Category: Holders

for clamping flanges, standard ground joints-female and ball joints-female. There is a bore in the middle of the clamping plate so that air can be blown-in via handle. Hose connection by means of gland, clamping arms are made of stainless steel.



### Universal holder 25/10 a

Item number: VW1-00419

Univ. holder, clamping range 20-45 mm

### Universal holder 25/10 b

Item number: VW1-00420

Univ. holder, clamping range 45-100 mm

## Universal tube holder 25/12 a-c

Item number: 25/12 a-c

Category: Holders

for quick-clamping, with cover and chucks made of Aluminium

### Universal tube holder 25/12 a

Item number: VW1-00421

Universal tube holder, 7-32 mm dia.

### Universal tube holder 25/12 b

Item number: VW1-00422

Universal tube holder, 30-60 mm dia.

### Universal tube holder 25/12 c

Item number: VW1-00423

Universal tube holder, 60-100 mm dia.



## Quick-clamping holder 25/2 a-d

Item number: 25/2 a-d

Category: Holders

lightweight construction, with spring wire arms, for clamping cylindrical feet etc. clamping via spring force - fixable with locking screw, mainly for hobby purposes.

### Quick-clamping holder 25/2 a

Item number: VW1-00361

Quick-clamping holder, 25 - 45 mm



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Quick-clamping holder 25/2 b

Item number: VW1-00362

Quick-clamping holder, 45 - 60 mm

## Quick-clamping holder 25/2 c

Item number: VW1-00363

Quick-clamping holder, 60 - 90 mm

## Quick-clamping holder 25/2 d

Item number: VW1-00364

Quick-clamping holder, max. - 150 mm

## Quick-clamping holder 25/2.13-25

Item number: VW1-00829

Category: Holders

lightweight construction, with spring wire arms, for clamping cylindrical feet etc., clamping via spring force - fixable with locking screw, mainly for hobby purposes.- special execution - for smaller diameters from 13 to 25 mm



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Rollers

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

**Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Aluminium rollers (spare) 34.1000

Item number: VW1-00843

Category: Rollers

completely with ball bearing, 1 set = 2 pieces

## Roller 34/1

Item number: VW1-00465

Category: Rollers

consisting of ball-bearing light alloy rollers (diameter 65 mm), horizontally and vertically adjustable and laterally rotatable, with swivel-type pull-out joint with base in order to fasten it on the glassblower's table, for reworking glass tubes with diam

## Roller 34

Item number: VW1-00464

Category: Rollers

consisting of ball-bearing light alloy rollers (diameter 65 mm), horizontally and vertically adjustable and laterally rotatable, mounted on heavy cast, for reworking glass tubes with diameters up to 200 mm.

## Spare carbon rollers 33/9/1

Item number: VW1-00842

Category: Rollers

12 mm width, with ball bearing 608.2 ZR1 set = 2 pcs.

## Carbon rollers (spare) 33/8.1

Item number: VW1-00875

Category: Rollers

12 mm thick bore 10 mm (1 set = 2 pieces)

## Carbon rollers (spare) 33/9

Item number: VW1-00815

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



Category: Rollers

width: 12 mm1 set = 2 pieces

## Carbon rollers (spare) 33/8

Item number: VW1-00840

Category: Rollers

10 mm thick1 set = 2 pieces

## Roller 33/7

Item number: VW1-00463

Category: Rollers

vertically adjustable, with two laterally adjustable carbon rollers controlled by a nut (50 mm diameter, 12 mm thick).

## Roller 33/4

Item number: VW1-00460

Category: Rollers

vertically adjustable, with ball bearing plastic rollers (70 mm diameter), laterally adjustable.

## Roller 33/5

Item number: VW1-00461

Category: Rollers

vertically adjustable, with two ball bearings rollers (22 mm diameter) as castor, laterally adjustable.

## Roller 33/3

Item number: VW1-00459

Category: Rollers

vertically adjustable, with ball bearing plastic rollers (50 mm diameter), laterally adjustable.

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Plastic rollers (spare) 33/10 a

Item number: VW1-00793

Category: Rollers

completely with ball bearing, 1 set = 2 pieces

## Plastic rollers (spare) 33/10 b

Item number: VW1-00794

Category: Rollers

completely with ball bearing, 1 set = 2 pieces

## Roller 33

Item number: VW1-00456

Category: Rollers

vertically adjustable, with two laterally adjustable brass rollers (28 mm) controlled by a nut, laterally rotatable.

## Constriction tool 30

Item number: VW1-00453

Category: Rollers

made of stainless steel sheet with eccentric centre, wheel design, cutouts engage in notches, mounted on heavy cast iron base.

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Work benches

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

**Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Miniature tool kit 6

Item number: VW1-00179

Category: Work benches

Miniature tool kit consisting of: 1 prod, ca. 60 mm long, diameter 6 mm 1 Widia -glass cutting knife, see Cat.-No. 622 pairs of v:- 1 tweezers, see Cat.-No. 42- 1 tweezers, see Cat.-No. 43 and 8 Reamers, 1,5 mm thick:- 1 Reamer, pointed form, 88 x 31,5 mm- 1 Reamer, form - taper 1:10, 52 x 24 mm- 1 Reamer, round form, 35 x 20,5 mm- 1 Reamer, pointed form, convexed, 85 mm long, diameter 22 mm- 1 Reamer, elliptic shape, 66.5 x 18 mm- 1 Reamer, elliptic shape, 61 x 16 mm- 1 Reamer, straight shape, rounded at the top, 58 x 16 mm- 1 Reamer, double shape with an additional point, 40 x 10 mm.

## Holder for gas distributing line 38/3.30

Item number: VW1-00789

Category: Work benches

for the acceptance of the energy lines for the combustion media. The large free space for ones knees is preserved.

## Glassblower's Working Table Ergoline 38/50

Item number: VW1-00865

Category: Work benches

Glassblower's working table Ergolinewith ceran working plate consisting of:•&nbsp;ergonomic shaped multiplex plate 30 mm, beech veneer, natural•&nbsp;dimensions of table: 2500 x 1500 x 40 mm•&nbsp;Ceran working plate: &nbsp;1500 x 590 x 4 mm•&nbsp;C-base frame with spindle height adjustment, mounted at the frame, for an individual and optimal adjustment of working height•&nbsp;adjusting range: appr. 720 - 1180 mm•&nbsp;back and side rail made of multiplex 20 mm, beech veneer, without toothing•&nbsp;Electric fan with ventilation grid as an air curtain directly in front of main working area of the glassblower•&nbsp;Including distributor line for gas and holder for the gas supply. The large knee free space is preserved (For details see description of cat.-no. 38/3.80)•&nbsp;Power supply (socket) for connection of electric appliances directly at working tableThe newly developed working tables excel by the following advantages:

•&nbsp;ergonomic perfect construction, allowing a very relaxed and fatigue-proof working•&nbsp;height adjustment of table plate by means of threaded spindles, herewith a flexible and individual adjustment of the working height to various glass blowers is becoming possible•&nbsp;Asymmetrical shaped table plate, by means of which also very long glass parts could be processed•&nbsp;optimization of place for deposit, because of various toothed rails and vertically mounted bores•&nbsp;harmonic integration of the glassblower, due to the table geometry•&nbsp;spaciously dimensioned clearance for the knees•&nbsp;well approachable, easy-running and compatible connections for energy supply (against surcharge if

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



requested)•&nbsp;it is possible to place container shutter cabinets (against surcharge if requested)

## Xenium Duo Back 38/4 a Xenium

Item number: VW1-01160

Category: Work benches

Xenium Duo Back - Swivel ChairThe individual weight control of the synchronous seat and backrestmechanism, combined with many other adjustable features, providessuperb comfort combined in an executive chair, designed to ensurethe compliance of implemented ergonomic principles.The combination of the back adjustments and tilting mechanics, leadto a real relief of the intervertebral discs.With a seat aperture angle of 84° to 116° relaxing positions can be hold.&nbsp;The inclination adjustment can be regulated from +5° up to -5°. The serial declining mechanic is adjustable to the weight of the user. The black, six terminal feet made of Bayer Durethan® BKV 130 with a diameter of 610 mm provide the highest protection against tilting.The individual seat height adjustment is made by means of a protectedgas lift. Due to the nine-fold adjustable sliding seat with an adjustmentrange of 87,5 mm, the correct seat height for all body sizes is guaranteed.The patented separated Duo-Back back leaning unburdens the back about up to 20% of the body weight.Covering made of Trevira CS (difficult to enflame) proved acc. to B1 DIN 4102, 100 % polyester (20-44).

## Gas distributing line 38/3.80

Item number: VW1-00788

Category: Work benches

Gas distributing linefor our glass blower's working tables acc. to cat.-no. 38/50 and 38/51consisting of:Connection oxygen:1 ball valve1 pressure reducer valve1 back flash valve1 distributor piece2 self-sealing couplings&nbsp;&nbsp;  - triangular fitting&nbsp;&nbsp;  - with inner thread R1/4"&nbsp;&nbsp;  - NW/ND 6, 30 mm²Connection air:1 ball valve1 pressure reducer valve1 back flash valve1 distributor piece2 self-sealing couplings&nbsp;&nbsp;  - round fitting&nbsp;&nbsp;  - with inner thread R3/8"&nbsp;&nbsp;  - NW/ND 6, 30 mm²Connection gas:1 ball valve1 pressure reducer1 distributor piece2 self-sealing couplings&nbsp;&nbsp;  - square fitting&nbsp;&nbsp;  - with inner thread R1/2"&nbsp;&nbsp;  - NW/ND 7, 40 mm²Please note:The distributor line for gas could only be supplied together with the holder for the gas supply acc. to our cat.-no. 38/3.30.

## Steel roller container 38/3.60

Item number: VW1-00825

Category: Work benches

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weillstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



Roller container Made of steel, for lateral placement below the glass blower's work bench. This execution is advantageous, because the legroom of the table remains free. Dimensions (W x D x H): approx. 54 x 45 x 65 cm (with rollers) Colour: grey

## Glassblower's Working Table 38/13

Item number: VW1-00786

Category: Work benches

The table boards are covered with special material, thickness 10 mm, which shows the following advantages: - asbestos-free - heat-resistant - mechanical-resistant - antiglare, deeply colored. The solid base frame is made of steel, bench top 196 x 78 cm, with raised edges on three sides with six drawers on left side: 1 pce. 45 mm high, 2 pcs. 90 mm high, 2 pcs. 135 mm high, 1 pce. 180 mm high and with four drawers at the right side: 2 pcs. 90 mm high, 1 pce. 225 mm high, 1 pce. 270 mm high

## Glassblower's working table 38/15

Item number: VW1-00787

Category: Work benches

Glassblower's working table with solid base frame made of steel, bench top 196 x 78 cm, raised edges on three sides. Left base: 6 drawers (1 pce. 45 mm high, 2 pcs. 90 mm high, 2 pcs. 135 mm high, 1 pce. 180 mm high) Right base: 3 drawers (1 pce. 135 mm high, 2 pcs. 225 mm high) Media supply via quick couplings and nipples (on right base) consisting of: 2 pcs. for gas (nominal width 6 and 12 mm) 2 pcs. for oxygen (nominal width 6 mm) 2 pcs. for air (nominal width 6 and 7 mm) Inlets on the rear side of right base consisting of valves for gas, oxygen and air. Bench tops are equipped with a special material, 10 mm thick with the following advantages: free of asbestos, heat-resistant, mechanically resistant, deep colored.

## Glassblower's working table 38/10

Item number: VW1-00814

Category: Work benches

Glassblower's working table with double sided bed made from steel, size of table 156 x 78 cm, with heightened limiting rail on three sides. Left bed: 6 drawers (1 pce. 45 mm high, 2 pcs. 90 mm high, 2 pcs. 135 mm high, 1 pce. 180 mm high) The table plates are covered with a 10 mm thick special material that has the following advantages: - asbestos free - heat resistant - mechanically resistant - non-dazzling - deepened

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



## Winders

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

**Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Winders 55/9-22

Item number: 55/9-22

Category: Winders

made of&nbsp;slight conic stainless steel standard length 400 mm, suitable for machine no. 55/1



### **Winder 55/10**

Item number: VW1-00755

Winders for coils with ID 15 mm

### **Winder 55/11**

Item number: VW1-00756

Winders for coils with ID 20 mm

### **Winder 55/12**

Item number: VW1-00757

Winders for coils with ID 25 mm

### **Winder 55/13**

Item number: VW1-00758

Winders for coils with ID 30 mm

### **Winder 55/14**

Item number: VW1-00759

Winders for coils with ID 35 mm

### **Winder 55/15**

Item number: VW1-00760

Winders for coils with ID 40 mm

### **Winder 55/16**

Item number: VW1-00761

Winders for coils with ID 45 mm

### **Winder 55/17**

Item number: VW1-00762

Winders for coils with ID 50 mm

### **Winder 55/18**

Item number: VW1-00763

Winders for coils with ID 60 mm

### **Winder 55/19**

Item number: VW1-00850

Winders for coils with ID 65 mm

### **Winder 55/19.1**

Item number: VW1-00862

Winders for coils with ID 95 mm

### **Winder 55/21**

Item number: VW1-00851

Winders for coils with ID 100 mm

### **Winder 55/22**

Item number: VW1-00863

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Winders for coils with ID 144 mm

## **Winder 55/9**

Item number: VW1-00754

Winders for coils with ID 10 mm

## **Winder 39/1 a - k**

Item number: 39/1 a - k

Category: Winders

for winding glass condensor coils etc., consisting of one cylindrical brass tube, with polished wooden handle and glass holding pin.



### **Winder 39/1 a**

Item number: VW1-00478

Winder, 10 mm diameter

### **Winder 39/1 b**

Item number: VW1-00479

Winder, 15 mm diameter

### **Winder 39/1 c**

Item number: VW1-00480

Winder, 20 mm diameter

### **Winder 39/1 d**

Item number: VW1-00481

Winder, 25 mm diameter

### **Winder 39/1 e**

Item number: VW1-00482

Winder, 30 mm diameter

### **Winder 39/1 f**

Item number: VW1-00483

Winder, 35 mm diameter

### **Winder 39/1 g**

Item number: VW1-00484

Winder, 40 mm diameter

### **Winder 39/1 h**

Item number: VW1-00485

Winder, 45 mm diameter

### **Winder 39/1 i**

Item number: VW1-00486

Winder, 50 mm diameter

### **Winder 39/1 k**

Item number: VW1-00487

Winder, 60 mm diameter

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Winder 39/2 a-k

Item number: 39/2 a-k

Category: Winders

for winding glass condensor coils etc., consisting of one robust stainless steel tube with slight taper rate, with polished wooden handle and glass holding pin.



### **Winder 39/2 a**

Item number: VW1-00488

Winder, 10 mm diameter

### **Winder 39/2 b**

Item number: VW1-00489

Winder, 15 mm diameter

### **Winder 39/2 c**

Item number: VW1-00490

Winder, 20 mm diameter

### **Winder 39/2 d**

Item number: VW1-00491

Winder, 25 mm diameter

### **Winder 39/2 e**

Item number: VW1-00492

Winder, 30 mm diameter

### **Winder 39/2 f**

Item number: VW1-00493

Winder, 35 mm diameter

### **Winder 39/2 g**

Item number: VW1-00494

Winder, 40 mm diameter

### **Winder 39/2 h**

Item number: VW1-00495

Winder, 45 mm diameter

### **Winder 39/2 i**

Item number: VW1-00496

Winder, 50 mm diameter

### **Winder 39/2 k**

Item number: VW1-00497

Winder, 60 mm diameter

## Winder 39 a-k

Item number: 39 a-k

Category: Winders

Winder for winding glass condensor coils etc., consisting of two telescoping brass tubes, outer



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



tube with three slots, complete with polished wooden handle and glass clamp.

## **Winder 39 a**

Item number: VW1-00468

Winder, 10 mm diameter

## **Winder 39 b**

Item number: VW1-00469

Winder, 15 mm diameter

## **Winder 39 c**

Item number: VW1-00470

Winder, 20 mm diameter

## **Winder 39 d**

Item number: VW1-00471

Winder, 25 mm diameter

## **Winder 39 e**

Item number: VW1-00472

Winder, 30 mm diameter

## **Winder 39 f**

Item number: VW1-00473

Winder, 35 mm diameter

## **Winder 39 g**

Item number: VW1-00474

Winder, 40 mm diameter

## **Winder 39 h**

Item number: VW1-00475

Winder, 45 mm diameter

## **Winder 39 i**

Item number: VW1-00476

Winder, 50 mm diameter

## **Winder 39 k**

Item number: VW1-00477

Winder, 60 mm diameter

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Measuring, testing & safety facilities

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

**Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved





Diameter: 65 mm  
Thickness: 3,4 mm

## Glass-blower's glasses 114/elegant

Item number: 114/elegant

Category: Measuring, testing & safety facilities

Glass-blower's glasses with special filter lenses made of Didymium glass. Execution with a silver metal frame.



## Glass-blower's glasses 114/sport

Item number: 114/sport

Category: Measuring, testing & safety facilities

Glass-blower's glasses with special filter lenses made of Didymium glass. Glasses are equipped with a rubber band so they are particularly slip-resistant and designed to adjust to the shape of user's head. Extremely lightweight plastic frame.



## Glass-blower's glasses 114/titanium

Item number: 114/titanium

Category: Measuring, testing & safety facilities

Glass-blower's glasses with special filter lenses made of Didymium glass. Modern and extremely lightweight titanium frame.

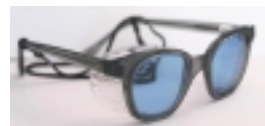


## Glass-blower's glasses 114/4

Item number: 114/4

Category: Measuring, testing & safety facilities

Standard safety glasses for glass-blowers, with special filter lenses made of Didymium glass.



## Glass-blower's glasses 114/4 Q

Item number: 114/4 Q

Category: Measuring, testing & safety facilities



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Standard safety glasses for quartz-working.  
Execution in a lightweight plastic frame, safety lenses with welding shade 5.

## Glass-blower's glasses 114/4.1 Q

Item number: 114/4.1 Q  
Category: Measuring, testing & safety facilities

Glassblower's glasses for quartz-working.  
Metal frame with split lenses,  
1/3 clear glass (upper part)  
2/3 welding shade 5 (lower part)



## Glass-blower's glasses 114/6.1 Q

Item number: 114/6.1 Q  
Category: Measuring, testing & safety facilities

Clip-on safety glasses for quartz-working, with split lenses,  
1/3 clear glass (upper part)  
2/3 welding shade 5 (lower part)



## Glass-blower's glasses 114/6 Q

Item number: 114/6 Q  
Category: Measuring, testing & safety facilities

Clip-on lenses for quartz-working, made of plastic. Welding shade 5.



## Glass-blower's glasses 114/practical

Item number: 114/praktisch  
Category: Measuring, testing & safety facilities

Clip-on lenses with special filter lenses made of Didymium glass, for spectacle wearers



## Glass-blower's glasses 114/design

Item number: 114/design  
Category: Measuring, testing & safety facilities

Glass-blower's glasses with special filter lenses made of Didymium glass.



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Modern execution with a light plastic frame.

## Venier caliper 76/7

Item number: VW1-00602

Category: Measuring, testing & safety facilities

made of stainless steel, completely hardened, for outside-,inside- and depth measuring. Failure limits according to DIN 862.- measuring area precisely ground- with fixing screw- with knife tips- clockface readjustable- 1 needle rotation = 10 mm measuring d

## Venier caliper 76/6

Item number: VW1-00601

Category: Measuring, testing & safety facilities

made of stainless steel, for outside, inside and depth measurements.Measurement jaw ends bevelled for core measurements, with crosspoints for inside and slot measurements, with fixing screw.Clock with unbreakable plexi glass, the readjustable measuring cl

## Nozzle gauge 79 a

Item number: VW1-00548

Category: Measuring, testing & safety facilities

hardened needle, nickel-plated finish.

## Spare measuring dial 71/79 a

Item number: VW1-00556

Category: Measuring, testing & safety facilities

measuring range 30 mm.

## Whetstone 72/907

Item number: VW1-00515

Category: Measuring, testing & safety facilities

Dimension: 13 x 13 x 150 mmfor universal cutting discs

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: info@h-arnold.de  
Website: www.h-arnold.de

According to specification:  
25.02.2010  
All rights reserved



## Tetrabor whet stone 72/907.10

Item number: VW1-00516

Category: Measuring, testing & safety facilities

for universal cutting discs 75 x 12 x 6 mm

## Venier caliper 76/5

Item number: VW1-00600

Category: Measuring, testing & safety facilities

made of stainless steel, for outside, inside and depth measurements. Measuring jaw ends bevelled for core measurements, cross points for inside and slot measurements, with locking screw, reverse side with screw thread table. Scales dull chromium plated. Suppl

## Nozzle gauge 79 b

Item number: VW1-00547

Category: Measuring, testing & safety facilities

hardened needle, nickel-plated finish.

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Other

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Swivels 45 a-c

Item number: 45 a-c

Category: Other

Swivels, precisional execution, made of brass, polished.

### Swivels 45 a

Item number: VW1-00777

Swivels, 4 mm

### Swivels 45 b

Item number: VW1-00778

Swivels, 6 mm

### Swivels 45 c

Item number: VW1-00779

Swivels, 10 mm



## Tweezers 40 a-f

Item number: 40 a-f

Category: Other

Tweezers with blunt tips, made of hardened steel, nickel plated.

### Tweezers 40 a

Item number: VW1-00121

Tweezers, 140 mm long

### Tweezers 40 b

Item number: VW1-00122

Tweezers, 160 mm long

### Tweezers 40 c

Item number: VW1-00123

Tweezers, 180 mm long

### Tweezers 40 d

Item number: VW1-00124

Tweezers, 210 mm long

### Tweezers 40 e

Item number: VW1-00125

Tweezers, 250 mm long

### Tweezers 40 f

Item number: VW1-00126

Tweezers, 300 mm long



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Swivels 45 /1 a-c

Item number: VW1-00782

Category: Other

Swivels

### Swivels 45 /1 a

Item number: VW1-00780

Swivels, 4 mm

### Swivels 45 /1 b

Item number: VW1-00781

Swivels, 6 mm

### Swivels 45 /1 c

Item number: VW1-00782

Swivels, 10 mm



## Tweezers 42-44

Item number: 42-44

Category: Other

Tweezers

### Tweezers 42

Item number: VW1-00500

Tweezers, 115 mm long

### Tweezers 43

Item number: VW1-00501

Tweezers, 150 mm long

### Tweezers 44

Item number: VW1-00502

Tweezers, 170 mm long



## Tweezers 41 a-b

Item number: 41 a-b

Category: Other

Tweezers, with pointed tips, nickel plated.

### Tweezers 41 a

Item number: VW1-00498

Tweezers, 140 mm long



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## **Tweezers 41 b**

Item number: VW1-00499

Tweezers, 160 mm long

## **Cracking-off diamond 68 a-d**

Item number: 68 a-d

Category: Other

Cracking-off diamond with cylindrical steel shaft, 50 mm long,

### **Cracking-off diamond 68 a**

Item number: VW1-00560

Cracking-off diamond, dia. 3 mm

### **Cracking-off diamond 68 b**

Item number: VW1-00561

Cracking-off diamond, dia. 4 mm

### **Cracking-off diamond 68 c**

Item number: VW1-00562

Cracking-off diamond, dia. 5 mm

### **Cracking-off diamond 68 d**

Item number: VW1-00563

Cracking-off diamond, dia. 6 mm

## **Tweezers 40 a-f**

Item number: 40 a-f

Category: Other

Tweezers with blunt tips, made of hardened steel, nickel plated.

### **Tweezers 40 a**

Item number: VW1-00121

Tweezers, 140 mm long

### **Tweezers 40 b**

Item number: VW1-00122

Tweezers, 160 mm long

### **Tweezers 40 c**

Item number: VW1-00123

Tweezers, 180 mm long

### **Tweezers 40 d**

Item number: VW1-00124

Tweezers, 210 mm long

### **Tweezers 40 e**



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Item number: VW1-00125

Tweezers, 250 mm long

### **Tweezers 40 f**

Item number: VW1-00126

Tweezers, 300 mm long

## **Oil stone 63 + 63/1**

Item number: 63 + 63/1

Category: Other

Oil stone for carbide-tipped glass cutting knives

### **Oil stone 63**

Item number: VW1-00507

Oil stone

### **Oil stone 63/1**

Item number: VW1-00508

Oil stone

## **Ampoule cutter 64 + 64/1**

Item number: 64 + 64/1

Category: Other

Ampoule cutter

### **Ampoule cutter 64**

Item number: VW1-00509

Ampoule cutter

### **Spare files 64/1**

Item number: VW1-00510

Spare files

## **Tungsten rods 6/1.100 a-l**

Item number: 6/1.100 a-l

Category: Other

Tungsten rods, 100 mm long

### **Tungsten rods 6/1.100 a**

Item number: VW1-00001



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Tungsten rods, dia. 0,5 mm

## **Tungsten rods 6/1.100 b**

Item number: VW1-00002

Tungsten rods, dia. 1 mm

## **Tungsten rods 6/1.100 c**

Item number: VW1-00003

Tungsten rods, dia. 1,5 mm

## **Tungsten rods 6/1.100 d**

Item number: VW1-00004

Tungsten rods, dia. 2 mm

## **Tungsten rods 6/1.100 e**

Item number: VW1-00005

Tungsten rods, dia. 2,5 mm

## **Tungsten rods 6/1.100 f**

Item number: VW1-00006

Tungsten rods, dia. 3 mm

## **Tungsten rods 6/1.100 g**

Item number: VW1-00007

Tungsten rods, dia. 4 mm

## **Tungsten rods 6/1.100 h**

Item number: VW1-00008

Tungsten rods, dia. 5 mm

## **Tungsten rods 6/1.100 i**

Item number: VW1-00009

Tungsten rods, dia. 6 mm

## **Tungsten rods 6/1.100 k**

Item number: VW1-00010

Tungsten rods, dia. 8 mm

## **Tungsten rods 6/1.100 l**

Item number: VW1-00011

Tungsten rods, dia. 10 mm

## Tungsten rods 6/1.200 a-l

Item number: 6/1.200 a-l

Category: Other

Tungsten rods. 200 mm long

## **Tungsten rods 6/1.200 a**

Item number: VW1-00012

Tungsten rods, dia. 0,5 mm

## **Tungsten rods 6/1.200 b**

Item number: VW1-00013



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Tungsten rods, dia. 1 mm

## **Tungsten rods 6/1.200 c**

Item number: VW1-00014

Tungsten rods, dia. 1,5 mm

## **Tungsten rods 6/1.200 d**

Item number: VW1-00015

Tungsten rods, dia. 2 mm

## **Tungsten rods 6/1.200 e**

Item number: VW1-00016

Tungsten rods, dia. 2,5 mm

## **Tungsten rods 6/1.200 f**

Item number: VW1-00017

Tungsten rods, dia. 3 mm

## **Tungsten rods 6/1.200 g**

Item number: VW1-00018

Tungsten rods, dia. 4 mm

## **Tungsten rods 6/1.200 h**

Item number: VW1-00019

Tungsten rods, dia. 5 mm

## **Tungsten rods 6/1.200 i**

Item number: VW1-00020

Tungsten rods, dia. 6 mm

## **Tungsten rods 6/1.200 k**

Item number: VW1-00021

Tungsten rods, dia. 8 mm

## **Tungsten rods 6/1.200 l**

Item number: VW1-00022

Tungsten rods, dia. 10 mm

## **Diamond glass cutter 66 - 66/2**

Item number: 66 - 66/2

Category: Other

Diamond glass cutters

### **Diamond glass cutter 66**

Item number: VW1-00524

Diamond glass cutter

### **Diamond glass cutter 66/2**

Item number: VW1-00558

Diamond glass cutter

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Pluro-stoppers 99/16 a-d

Item number: 99/16 a-d

Category: Other

made of red silicone. Heat resistant up to approx. 250°C



### **Pluro-stoppers 99/16 a**

Item number: VW1-00616

Pluro-stoppers

### **Pluro-stoppers 99/16 b**

Item number: VW1-00617

Pluro-stoppers

### **Pluro-stoppers 99/16 c**

Item number: VW1-00618

Pluro-stoppers

### **Pluro-stoppers 99/16 d**

Item number: VW1-00619

Pluro-stoppers

## Cracking-off diamond 68 a-d

Item number: 68 a-d

Category: Other

with cylindrical steel shaft, 50 mm long, brazed-in diamond, particularly suitable for thin objects  
(cover glasses etc.)

Shaft diameter: 3 mm

### **Cracking-off diamond 68 a**

Item number: VW1-00560

Cracking-off diamond, dia. 3 mm

### **Cracking-off diamond 68 b**

Item number: VW1-00561

Cracking-off diamond, dia. 4 mm

### **Cracking-off diamond 68 c**

Item number: VW1-00562

Cracking-off diamond, dia. 5 mm

### **Cracking-off diamond 68 d**

Item number: VW1-00563

Cracking-off diamond, dia. 6 mm

## Rod 6/3 Q a-g

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Item number: 6/3 Q a-g

Category: Other

made of highly heat-resistant material. This material combines the smooth working abilities of graphite with never experienced heat resistance.

Heat-resistance: up to 2500° C

### **Rod 6/3 Q a**

Item number: VW1-00030

Rods, diameter 1.0 mm

### **Rod 6/3 Q b**

Item number: VW1-00031

Rods, diameter 2,0 mm

### **Rod 6/3 Q c**

Item number: VW1-00032

Rods, diameter 3,0 mm

### **Rod 6/3 Q d**

Item number: VW1-00033

Rods, diameter 4,0 mm

### **Rod 6/3 Q e**

Item number: VW1-00034

Rods, diameter 5.0 mm

### **Rod 6/3 Q f**

Item number: VW1-00035

Rods, diameter 6.0 mm

### **Rod 6/3 Q g**

Item number: VW1-00036

Rods, diameter 7.0 mm

## **Glass cutting knife 62 - 62/3 + 62.1000**

Item number: 62 - 62/3 + 62.1000

Category: Other

Glass cutting knife

### **Glass cutting knife 62**

Item number: VW1-00764

Glass cutting knife

### **Holder 62.1000**

Item number: VW1-00747

Holder

### **Glass cutting knife 62/1**

Item number: VW1-00765

Glass cutting knife

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

#### **Address**

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Replacement blades 62/2

Item number: VW1-00505

Replacement blades

## Replacement blades 62/3

Item number: VW1-00506

Replacement blades

## Holder 6/2 a-e

Item number: 6/2 a-e

Category: Other

for tungsten rods

### Holder 6/2 a

Item number: VW1-00023

Holder, clamping range 0 - 1,2 mm

### Holder 6/2 b

Item number: VW1-00024

Holder, clamping range 1.3 - 2 mm

### Holder 6/2 c

Item number: VW1-00025

Holder, clamping range 2.5 - 3 mm

### Holder 6/2 d

Item number: VW1-00026

Holder, clamping range 3.5 - 4.5 mm

### Holder 6/2 e

Item number: VW1-00027

Holder, clamping range 5 - 6 mm



## Scoring diamond 71/14 c

Item number: VW1-00559

Category: Other

with acceptance thread M6

## Pluro-stoppers 99/15 a-c

Item number: 99/15 a-c

Category: Other

made of green Neopren.



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



Heat resistant up to approx. 100°C (212°F, 212°R).

## Pluro-stoppers 99/15 a

Item number: VW1-00613

Pluro-stoppers

## Pluro-stoppers 99/15 b

Item number: VW1-00614

Pluro-stoppers

## Pluro-stoppers 99/15 c

Item number: VW1-00615

Pluro-stoppers

## Steel glass cutter 65

Item number: VW1-00511

Category: Other

Silver cut brand, with six cutting wheels.

## Replacement cutting wheel 65/2

Item number: VW1-00514

Category: Other

5 mm diameter; the angle of the cutting edge: 135°

## Glass cutter 65/1

Item number: VW1-00513

Category: Other

with one carbide-tipped cutting wheel, 5 mm diameter.

The angle of the cutting edge: 135°

## Crimping tong 28

Item number: VW1-00450

Category: Other

made of brass strip, 20 mm wide, neatly polished with riveted-on carbon plates (50 x 50 mm).



Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved



## Special lubricant 48/14

Item number: VW1-00504

Category: Other

Hydrokollag for metal tools, soluble in water.

## Special lubricant 48/13

Item number: VW1-00503

Category: Other

Universal lubricant for metal forming tools with graphite

## Bee wax 48/11

Item number: VW1-00821

Category: Other

as separator for metal forming tools

Herbert Arnold GmbH & Co. KG Weilburg  
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg  
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

### Address

Herbert Arnold GmbH & Co. KG  
Weilstrasse 6  
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0  
Telefax: +49 (0) 64 71 20 65  
E-Mail: [info@h-arnold.de](mailto:info@h-arnold.de)  
Website: [www.h-arnold.de](http://www.h-arnold.de)

According to specification:  
25.02.2010  
All rights reserved

