

**Materialprüfungsamt Nordrhein-Westfalen**

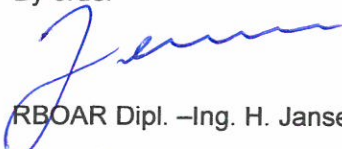
Prüfen • Überwachen • Zertifizieren

**TEST CERTIFICATE****No. 120002246.80 Rev. 03**

Caused by the tests carried out by the MPA NRW test lab for building hardware (DIN EN ISO 17025 accredited and accredited by the supervising authority) it is confirmed herewith that:

|                                             |                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| the building hardware                       | ECO lever handle as shown on the summary in the appendix                                                                                   |
| from the manufacturer                       | ECO Schulte GmbH & Co. KG<br>Iserlohner Landstrasse 117<br>D-58706 Menden<br>Germany                                                       |
| with the important requirements of          | DIN EN 1906: 2012-12<br>Building hardware ; „Lever handles and knob furniture“, Requirements and test methods; German version EN 1906:2012 |
| conform and that they can be classified as: | Lever handles with 9 mm square spindle.<br>Further details on the classification code can be found in the appendix.                        |

Dortmund, October 21<sup>th</sup> 2014  
By order



RBOAR Dipl. –Ing. H. Jansen  
Head of test laboratory



This Test-Certificate comprises 1 page and 12 appendices.

It replaces the Test - Certificate No. 120002246.80 Rev. 02 of 24.07.2014.

This certificate based on the test-reports no 120002246.10 to 120002246.70 and 120004203.

This Document was originally written in German. In case of doubt the German version shall prevail.



Deutsche  
Akkreditierungsstelle  
D-PL-11142-01-06

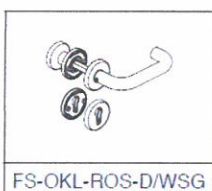
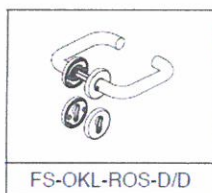
# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren



## Fittings

## Stainless steel

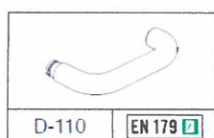


## Classification code according EN 1906:2012-12

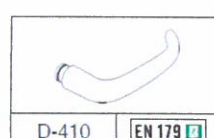
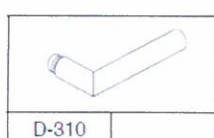
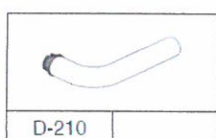
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|---|---|---|----|---|---|---|---|
| 4 | 7 | - | B1 | 1 | * | 0 | B |
|---|---|---|----|---|---|---|---|

\* = (Corrosion resistance 4 or 5)

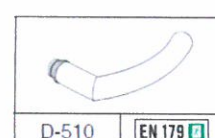
## Handle and knob variations for the fittings OKL Magis (Object ball bearings)



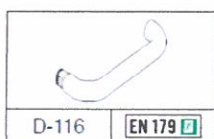
EN 179



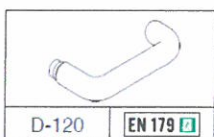
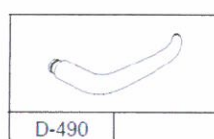
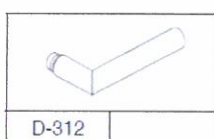
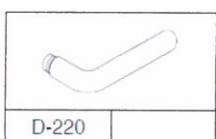
EN 179



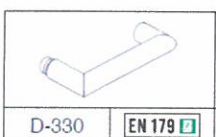
EN 179



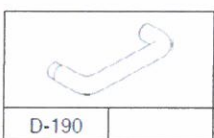
EN 179



EN 179

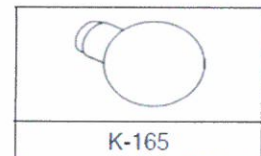
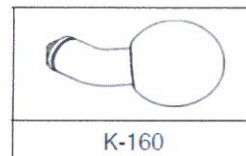
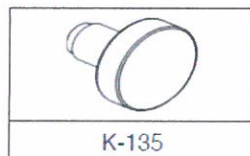
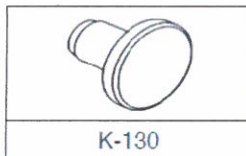


EN 179



# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren



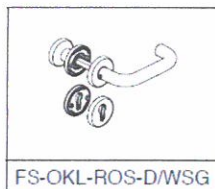
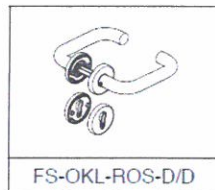


# Materialprüfungsamt Nordrhein-Westfalen

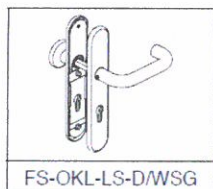
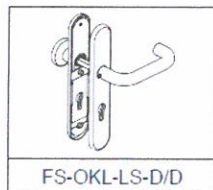
Prüfen • Überwachen • Zertifizieren



## Fittings



## Stainless steel

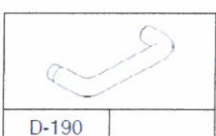
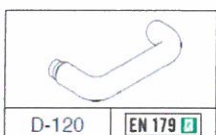
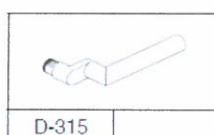
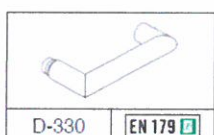
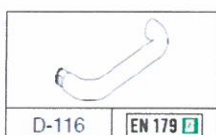
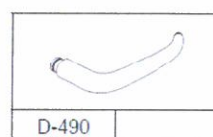
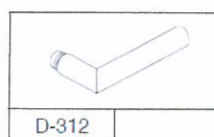
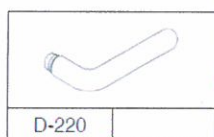
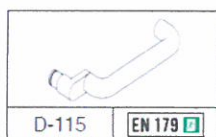
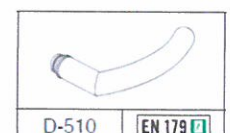
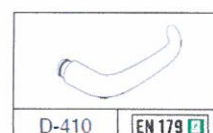
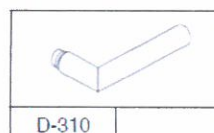
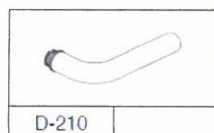
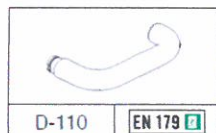


## Classification code according EN 1906:2012-12

4 7 - B1 1 4 0 U/A\*

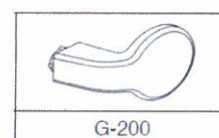
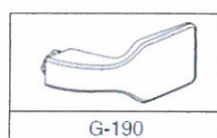
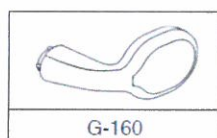
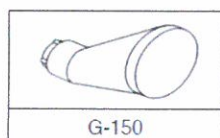
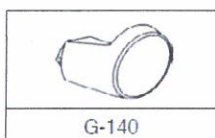
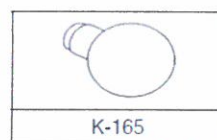
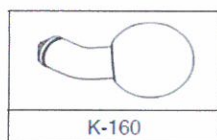
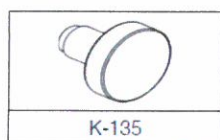
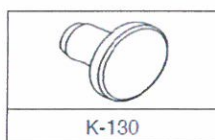
\* = (U=without / A=with spring support)

## Handle and knob variations for the fittings OKL (Object ball bearings)



# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

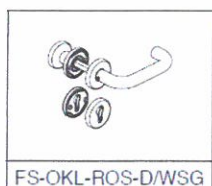
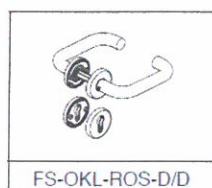


# Materialprüfungsamt Nordrhein-Westfalen

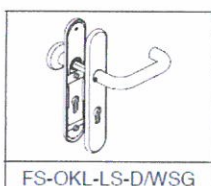
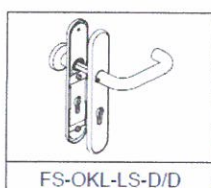
Prüfen • Überwachen • Zertifizieren



## Fittings



## Aluminium

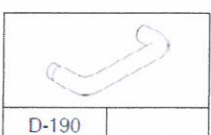
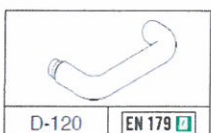
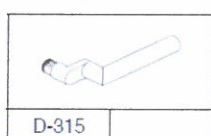
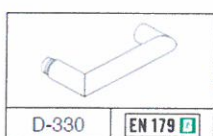
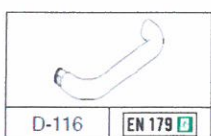
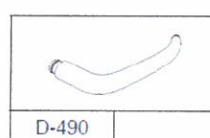
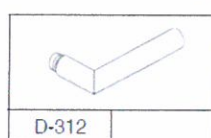
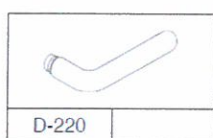
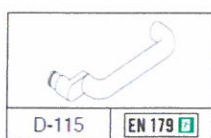
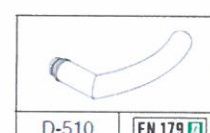
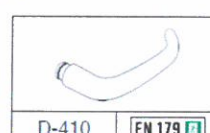
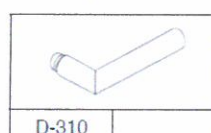
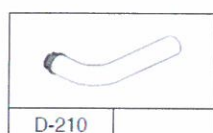
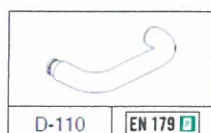


Classification code according EN 1906:2012-12

4 7 - D1 1 4 0 U/A\*

\* = (U=without / A=with spring support)

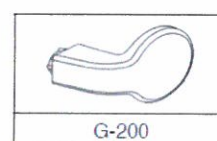
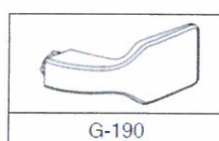
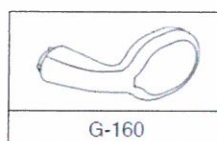
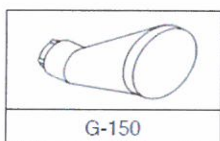
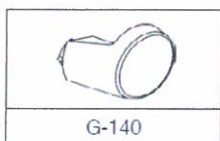
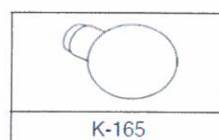
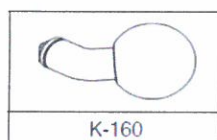
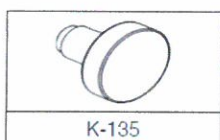
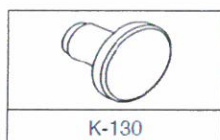
Handle and knob variations for the fittings OKL (Object ball bearings)





# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren



# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren



## Fittings

## Stainless steel (Plate round and square)

|                |               |               |                  |                  |
|----------------|---------------|---------------|------------------|------------------|
|                |               |               |                  |                  |
| FS-OGL-ROS-D/D | FS-OGL-KS-D/D | FS-OGL-LS-D/D | FS-OGL-OVR-D/D   | FS-OGL-SI-D/D*   |
|                |               |               |                  |                  |
| OGL-ROS-D/WSG  | OGL-KS-D/WSG  | OGL-LS-D/WSG  | FS-OGL-OVR-D/WSG | FS-OGL-SI-D/WSG* |

## Classification code according EN 1906:2012-12

4 7 - B1 1 4 0 - 4\* U/A\*\*

\* = (Protection class)

\*\* = (U=without / A=with spring support)

## Handle and knob variations for the fittings OGL (Object ball bearings)

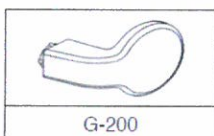
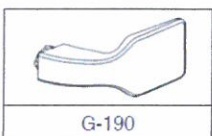
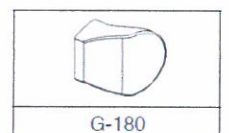
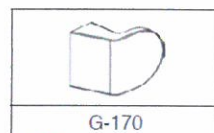
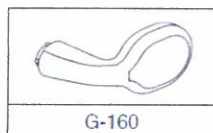
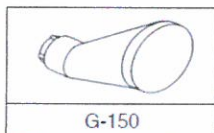
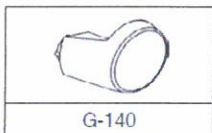
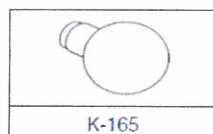
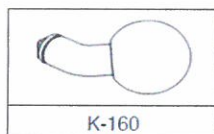
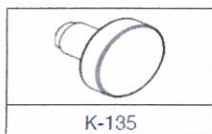
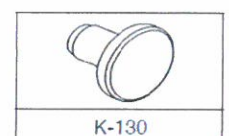
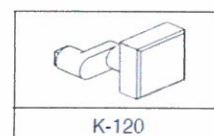
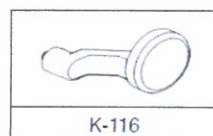
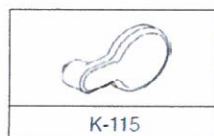
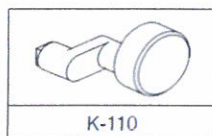
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|--------------|--------------|--------------|--------------|--------------|
|              |              |              |              |              |
| D-110 EN 179 | D-210        | D-310        | D-410 EN 179 | D-510 EN 179 |
|              |              |              |              |              |
| D-115 EN 179 | D-220        | D-312        | D-415 EN 179 | D-515 EN 179 |
|              |              |              |              |              |
| D-116 EN 179 | D-330 EN 179 | D-315        |              |              |
|              |              |              |              |              |
| D-120 EN 179 | D-230        | D-335 EN 179 |              |              |
|              |              |              |              |              |
| D-150        | D-242        |              |              |              |





# Materialprüfungsamt Nordrhein-Westfalen

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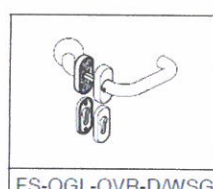
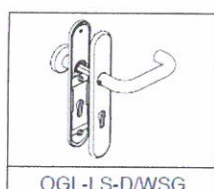
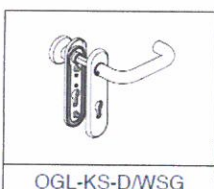
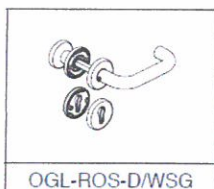
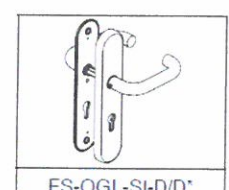
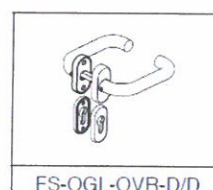
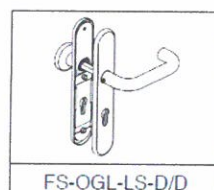
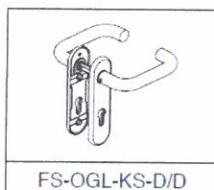
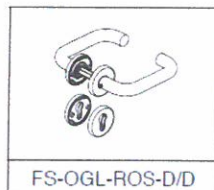
# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren



## Fittings

## Aluminium (Plate round and square)



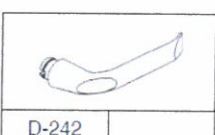
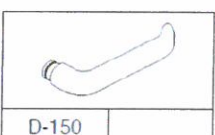
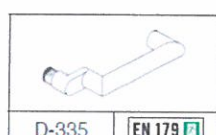
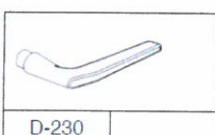
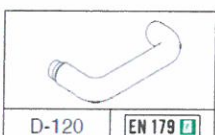
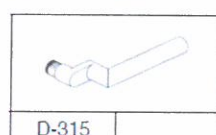
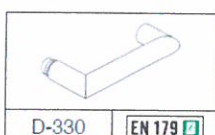
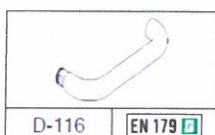
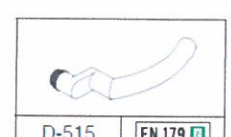
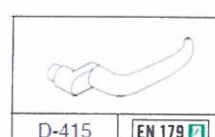
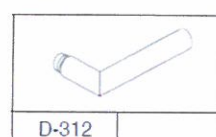
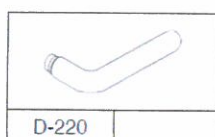
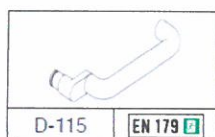
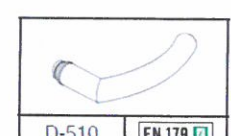
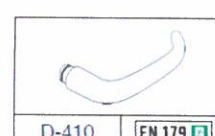
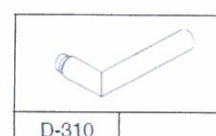
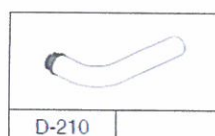
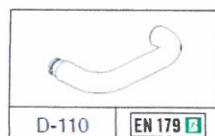
## Classification code according EN 1906:2012-12

|   |   |   |    |   |   |        |       |
|---|---|---|----|---|---|--------|-------|
| 4 | 7 | - | D1 | 1 | 4 | 0 - 4* | U/A** |
|---|---|---|----|---|---|--------|-------|

\* = (Protection class)

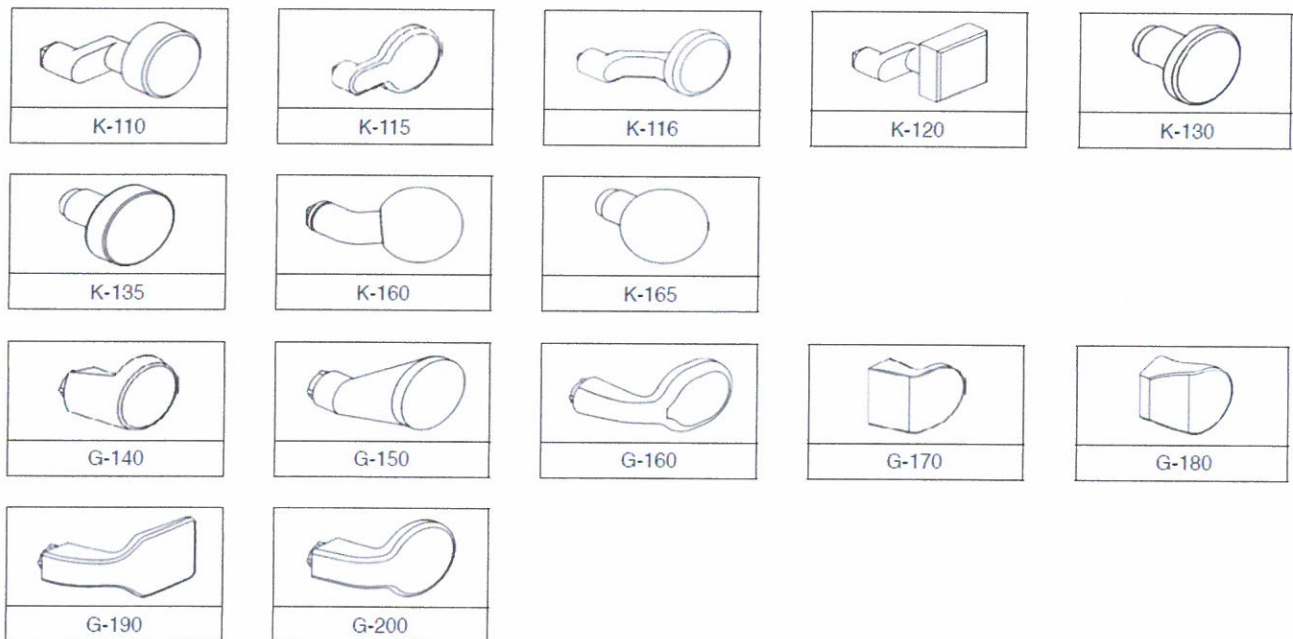
\*\* = (U=without / A=with spring support)

## Handle and knob variations for the fittings OGL (Object ball bearings)



# Materialprüfungsamt Nordrhein-Westfalen

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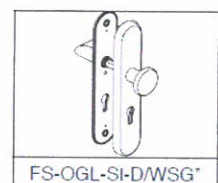
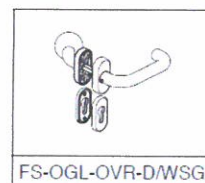
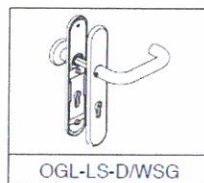
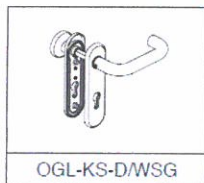
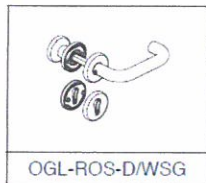
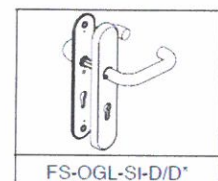
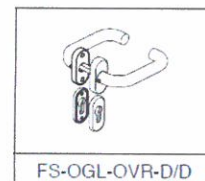
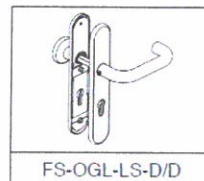
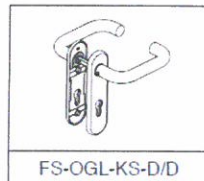
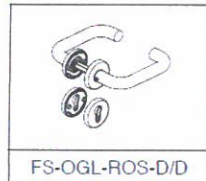
# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren



## Fittings

## Nylon (Plate round and square)



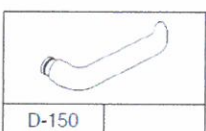
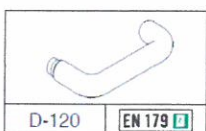
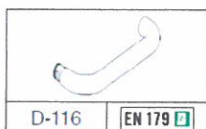
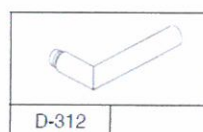
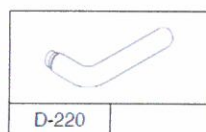
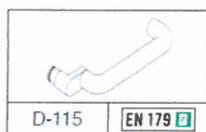
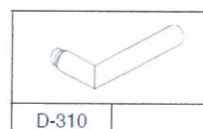
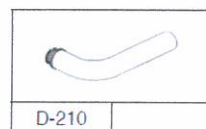
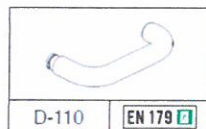
## Classification code according EN 1906:2012-12

|   |   |   |    |   |   |      |       |
|---|---|---|----|---|---|------|-------|
| 3 | 7 | - | D1 | 1 | 4 | 0-4* | U/A** |
|---|---|---|----|---|---|------|-------|

\* = (Protection class)

\*\* = (U=without / A=with spring support)

## Handle and knob variations for the fittings OGL (Object ball bearings)



# Materialprüfungsamt Nordrhein-Westfalen

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