



Highlights

Standard parts made of detectable plastics



Standard Parts. **Ganter.**

Knobs



GN 519.2
Cylindrical handles
detectable,
FDA compliant plastic
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GN 676
Knurled knobs
detectable,
FDA compliant plastic
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Cabinet
U-handles



GN 725
Cabinet U-handles
detectable,
FDA compliant plastic
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Hinges



GN 237.1
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detectable,
FDA compliant plastic
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Adjustable
hand levers



GN 604.1
Adjustable hand levers
detectable,
FDA compliant plastic,
bushing St. Steel
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GN 604.1
Adjustable hand levers
detectable,
FDA compliant plastic,
threaded stud St. Steel
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Three-lobe
knobs



GN 5342
Tristar knobs
detectable,
FDA compliant plastic,
bushing St. Steel
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GN 5342
Tristar knobs
detectable,
FDA compliant plastic
threaded stud St. Steel
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Introduction

It is essential in many areas of industrial production to guarantee the purity of raw materials and end products. Expensive recalls, such as for contaminated food, can severely damage a company's reputation and regularly show how important it is to identify foreign bodies as early as possible before they become a problem for production and packaging machines or even a risk to consumers.

Contamination frequently occurs in the form of chips and pieces of plastic or metal from the production equipment itself. In the event of problems, damaged parts or lost fasteners can enter into the production process.

To help prevent such instances, Ganter offers standard parts with materials that are easy to detect. The two available options are explained below.

Standard parts with visual detectability (VD)

Visually detectable standard parts are made of blue plastic. The blue color makes them especially visible to the human eye and, perhaps more importantly, to optical monitoring systems. Especially in milk and meat products, but also in most other areas of food production, blue colors are rarely encountered and therefore stand out well.

Complete standard parts or only pieces of them that mistakenly end up in the food production can then be easily and reliably detected. In addition, contaminants and residues of food on standard parts and operating elements are also easier to identify thanks to the color contrast.

All visually detectable plastic standard parts are made of FDA compliant plastic granulate as per FDA CFR.21 and EU 10/2011 and can therefore be used safely in contact with food and in pharmaceutical production.

Standard parts with metal detectability (MD)

Metal detectable standard parts are made of blue plastics that contain additives such as iron oxide.

As a result, they are detected by metal detectors as of a particle volume of 0.125 cm³, meaning that even hidden plastic chips can be detected. The blue color also improves visual detectability. It is always important to calibrate the metal detector since products at risk of contamination and the moisture they contain can influence the detection performance.

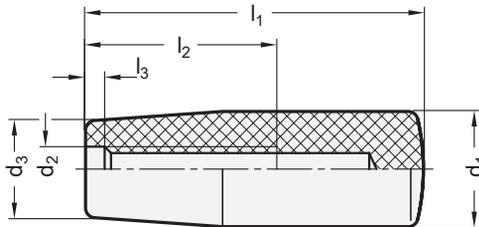
Also the metal detectable plastic standard parts are also made of FDA compliant plastic granulate as per FDA CFR.21 and EU 10/2011 and can therefore be used safely in contact with food and in pharmaceutical production.





elesa

ELESA original design I.780-VD/MD



1 $d_1 +0,5$	2 d_2	d_3	l_1	l_2 min.	l_3
26	M 10	21	80	55	7

Specification

- Plastic
Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 110 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic
Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 110 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Plastic characteristics
→ Main Catalogue Page 1483

- RoHS

Information

Cylindrical handles GN 519.2 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

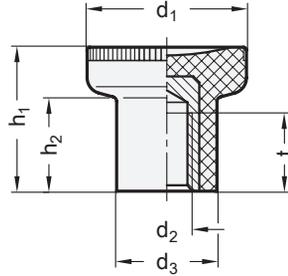
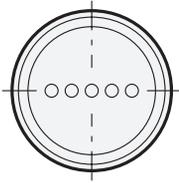
see also...

- Cylindrical knobs GN 519 (Duroplast) → Main Catalogue Page 52
- Softline-Cylindrical knobs GN 519.6 → Main Catalogue Page 54

How to order

GN 519.2-26-M10-VDB

1	d_1
2	d_2
3	Material / Finish



ELESA original design EKK-SST-VD/MD



¹ d ₁	² d ₂	d ₃	h ₁	h ₂	t min.
21	M 5	12,5	18	10,5	10
31	M 8	18,5	27	17	15

Specification

- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Threaded bushing
Stainless Steel AISI 303
- Plastic characteristics
→ Main Catalogue Page 1483

- Stainless Steel characteristics
→ Main Catalogue Page 1489

• RoHS

Information

Knurled knobs GN 676 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

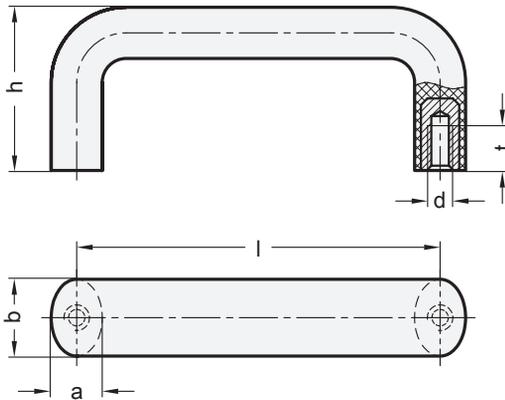
The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

see also...

- Product family Ergostyle® → Main Catalogue Page 17
- Knurled knobs GN 676 (Plastic) → Main Catalogue Page 62
- Stainless Steel-Knobs GN 676.5 → Main Catalogue Page 64
- Knobs GN 676.1 (Steel, blackened) → Main Catalogue Page 64
- Mushroom type knobs GN 76 → Main Catalogue Page 58

How to order	¹ d ₁
	² d ₂
	³ Material / Finish

GN676-31-M8-MDB



ELESA original design M.643-SST-VD/MD



Length l	d	a	b	h	t min.
117 ±0,5	M 8	15	25	49	13
179 ±1	M 8	16	27	57	13

Specification

- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Threaded bushing Stainless Steel AISI 303
- *Strength properties* → Main Catalogue Page 1449
- *Plastic characteristics* → Main Catalogue Page 1483
- *Stainless Steel characteristics* → Main Catalogue Page 1489

• RoHS

Information

Cabinet U-handles GN 725 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

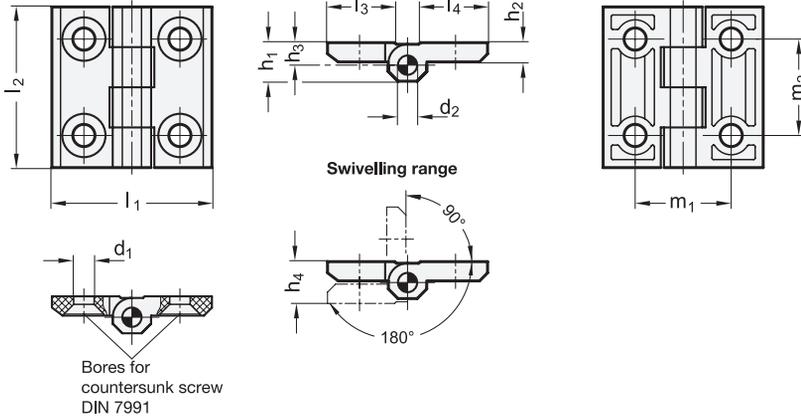
The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

see also...

- Cabinet U-handles GN 725 (Plastic) → Main Catalogue Page 84
- Cabinet U-handles GN 565 (Aluminum) → Main Catalogue Page 80
- Cabinet U-handles GN 625 (Plastic) → Main Catalogue Page 89

How to order	
1	Length l
2	d
3	Material / Finish

GN 725-179-M8-MDB



ELESA original design CFM-VD/MD



3 Type

- A** 2x2 bores for countersunk screws

1 l_1	2 l_2	d_1	d_2	h_1	h_2	h_3	$h_4 \approx$	l_3	l_4	$m_1 \pm 0,2$	$m_2 \pm 0,2$
40	40	5,5	4	9	5	5,5	11	14	14	25	25
50	50	6,5	6	11,5	6	6,5	14	18	18	30	30

Specification

- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 80 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 80 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Pin Stainless Steel AISI 303
- Load rating information → Main Catalogue Page 1462
- Plastic characteristics → Main Catalogue Page 1483
- Stainless Steel characteristics → Main Catalogue Page 1489
- RoHS

Information

Hinges GN 237.1 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

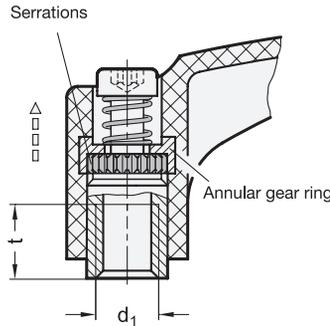
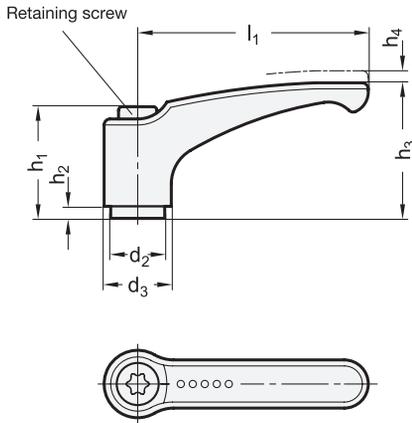
The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

see also...

- List of hinge types → Main Catalogue Page 956 ff.
- Hinges GN 237.1 (Plastic) → Main Catalogue Page 964
- Hinges GN 237 (Zinc die casting / Stainless Steel / Aluminum) → Main Catalogue Page 959

How to order	
1	l_1
2	l_2
3	Type
4	Material / Finish



ELESA original design ERZ.SST-VD/MD



1			2							
l_1	d_1		d_2	d_3	h_1	h_2	h_3	h_4	Stroke	t min.
63	M 6	M 8	-	13,5	19	31	3,5	38,5	4	10
78	M 8	M 10	M 12	16	23	36	3,5	46,5	4	14

Specification



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Annular gear ring Zinc die casting
- Threaded bushing and retaining screw Stainless Steel AISI 303

• Plastic characteristics → Main Catalogue Page 1483

• Stainless Steel characteristics → Main Catalogue Page 1489

• RoHS

Information

Adjustable hand levers GN 604.1 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

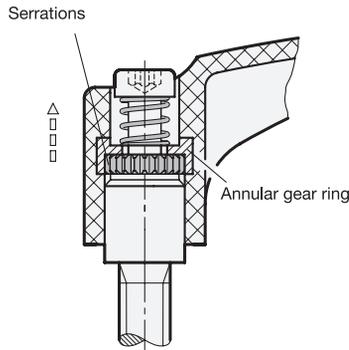
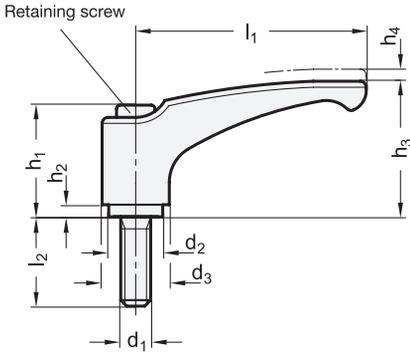
see also...

- Product family Ergostyle® → Main Catalogue Page 17
- Adjustable hand levers GN 604.1 (Plastic, bushing Stainless Steel) → Main Catalogue Page 340
- Adjustable hand levers GN 604 (Plastic, bushing steel) → Main Catalogue Page 338

How to order

GN604.1-78-M10-MDB

1	l_1
2	d_1
3	Material / Finish



ELESA original design ERZ.SST-VD/MD



1				2				3									
l_1				d_1				l_2				d_2	d_3	h_1	h_2	h_3	h_4 Stroke
63	M 6	M 8	-	16	20	25	32	40	50	63	13,5	19	31	3,5	38,5	4	
78	M 8	M 10	M 12	20	25	32	40	50	63	80	16	23	36	3,5	46,5	4	

Specification

- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Annular gear ring
Zinc die casting
- Threaded stud and retaining screw
Stainless Steel AISI 303
- Plastic characteristics
→ Main Catalogue Page 1483
- Stainless Steel characteristics
→ Main Catalogue Page 1489
- RoHS

Information

Adjustable hand levers GN 604.1 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

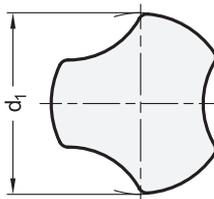
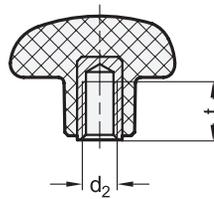
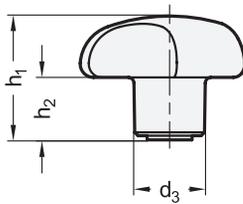
The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

see also...

- Product family Ergostyle® → Main Catalogue Page 17
- Adjustable hand levers GN 604.1 (Plastic, threaded stud Stainless Steel) → Main Catalogue Page 341
- Adjustable hand levers GN 604 (Plastic, threaded stud steel) → Main Catalogue Page 339

How to order	
1	l_1
2	d_1
3	l_2
4	Material / Finish

GN 604.1-63-M8-25-VDB



ELESA original design VTT-SST-VD/MD



d₁	d₂	d₃	h₁	h₂	t min.
40	M 8	16	27	13,5	13
50	M 10	19	30	15	17

Specification

- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Threaded bushing
Stainless Steel AISI 303
- Plastic characteristics
→ Main Catalogue Page 1483
- Stainless Steel characteristics
→ Main Catalogue Page 1489

• RoHS

Information

Tristar knobs GN 5342 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

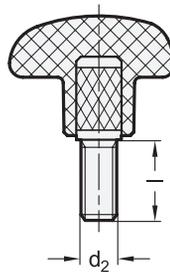
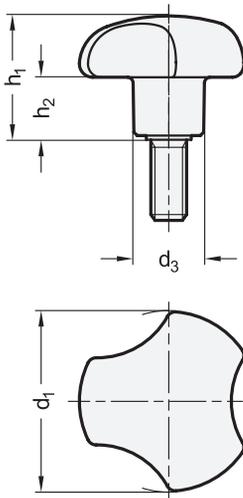
The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

How to order

GN 5342-40-M8-MDB

1	d ₁
2	d ₂
3	Material / Finish



elesa

ELESA original design VTT-SST-VD/MD



d₁	d₂	Length l		d₃	h₁	h₂
40	M 8	20	30	16	27	13,5
50	M 10	30	40	19	30	15

Specification

- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - blue, RAL 5005, matte
 - visually detectable



- Plastic Technopolymer (Polyamide PA)
 - glass fiber reinforced
 - temperature resistant up to 130 °C
 - FDA compliant plastic granulate
 - metal detectable additive
 - blue, RAL 5001, matte
 - metal detectable



- Threaded stud
Stainless Steel AISI 303
- Plastic characteristics
→ Main Catalogue Page 1483
- Stainless Steel characteristics
→ Main Catalogue Page 1489

• RoHS

Information

Tristar knobs GN 5342 are made of blue plastic granulate that is FDA compliant as per FDA CFR.21 and EU 10/2011 as well as visually detectable or metal detectable.

The blue color is especially easy to see with the human eye and is also easy to detect with optical monitoring systems. This allows monitoring of the production process, such as in food production, so that the process can be interrupted if foreign bodies are detected.

The plastic of type MDB also contains metal detectable additives. Metal detectors will be triggered by this material as of a particle volume of about 0.125 cm³ meaning that even hidden plastic chips can be detected.

How to order	
1	d₁
2	d₂
3	Length l
4	Material / Finish

GN 5342-50-M10-30-VDB

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