JW WINCO®
A Ganter Company

Highlights

Sanline

Standard Parts with Antimicrobial Surfaces

Standard Parts. Winco.

Revolving Handles

Stainless Steel

EN 798.6
Cylindrical Revolving Handles
with Stainless Steel
Threaded Spindle
Antimicrobial Plastic
Page 5

Knobs

EN 519.2
Cylindrical Handles
Antimicrobial Plastic
Page 6

Stainless Steel

EN 676
Knurled knobs
with Tapped Insert
Antimicrobial Plastic
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Cabinet U-Handles

EN 628.1
Bridge Handles
with Counterbored
Mounting Hole
Antimicrobial Plastic
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GN 565
Cabinet U-Handles
with Tapped Holes
Aluminum, Antimicrobial
Page 9

GN 426
Cabinet U-Handles
with Tapped Holes
Aluminum, Antimicrobial
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Adjustable Levers

Stainless Steel

EN 604.1
Adjustable Levers
Tapped Type, with
Stainless Steel Components
Antimicrobial Plastic
Page 11

Stainless Steel

EN 604.1
Adjustable Levers
Threaded Stud Type, with
Stainless Steel Components
Antimicrobial Plastic
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Three-Lobed Knobs / Wing Nuts

Stainless Steel

EN 5342
Three-Lobed Knobs
with Stainless Steel
Tapped Insert
Antimicrobial Plastic
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Stainless Steel

EN 634.1
Wing Nuts
with Stainless Steel
Tapped Insert
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Introduction

Handles and operating elements can act as carriers for many pathogens. With every hand contact, bacteria and germs take hold on the surface where they can proliferate unchecked over time, such as between two cleaning cycles. If one or more people later touch the same part, the expanded growth of pathogens has the opportunity to spread even further.

The antimicrobial standard parts of the **Sanline** product family can prevent pathogens from propagating on an operating element. This actively reduces the spread of bacteria, fungi, and viruses.

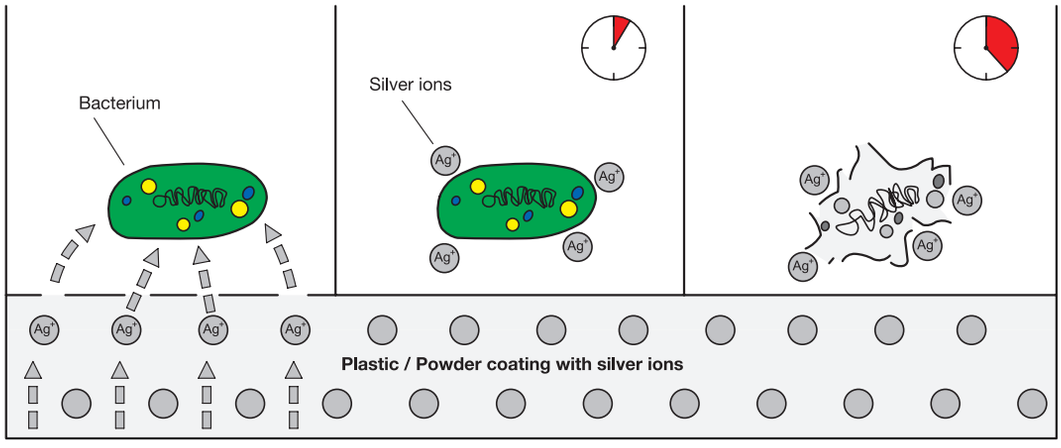
Additives based on silver ions that are used in the plastics or powder coatings of standard parts of the **Sanline** product family destroy the cell walls of the microorganisms, killing them in the process. The effectiveness is retained for a long time, even after frequent cleaning cycles, and is absolutely safe for the user.

With their antimicrobial properties, the **Sanline** operating elements are predestined for areas with elevated hygiene requirements. These include doctors' offices, hospitals, rehabilitation and care facilities as well as cafeterias, food-processing plants, and agricultural operations with livestock. **Sanline** products also reduce the risk of infection in locations where many different people come into contact with handles and operating elements, such as in stadiums and concert halls, amusement parks and wellness facilities as well as on public transport.

Functioning principle

Plastics or powder coatings manufactured with silver ions inhibit the establishment and proliferation of pathogens on the surface. The effect is based on a natural principle and remains continuously effective for a long time.

Silver ions (Ag^+) diffuse from the surface and attach to the cell walls of the microbe. After a short time, the silver ions break through the cell wall of the microbe and destroy the enzyme activity within the cell. The genetic material of the microbe is attacked, preventing further cell division and eventually killing off the germ.



The antimicrobial effect of the additive is not reduced by repeated cleaning with soap or solvent. Even at sterilization temperatures the effect is not lost.

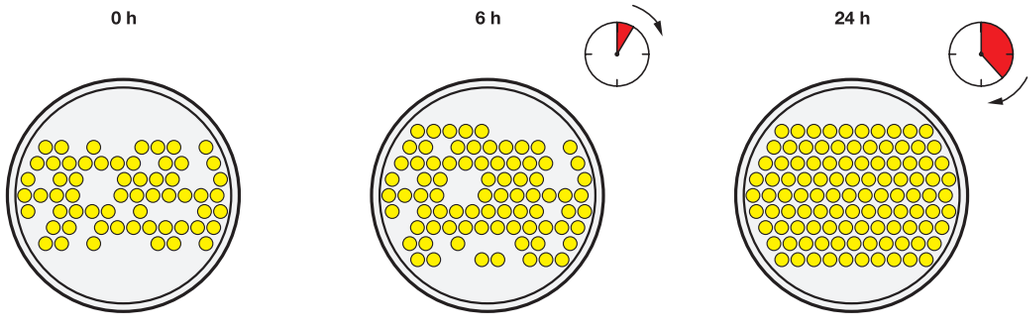
Laboratory tests

The plastics or powder coatings of the Sanline standard parts were tested by an accredited testing laboratory on the following microorganisms:

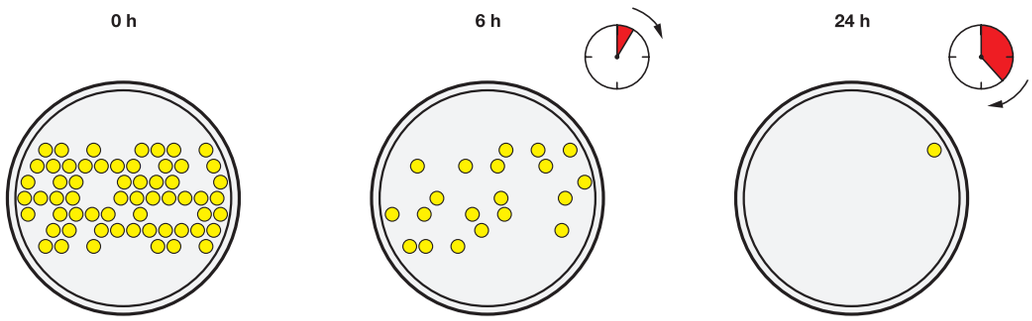
Plastic	Powder coating
Bacteria (as per ISO 22196:2011): - Staphylococcus aureus ATCC® 25923™ - Escherichia coli ATCC® 25922™ - Klebsiella pneumoniae ATCC® 13883™ - Pseudomonas aeruginosa ATCC® 27853™ Fungus (as per ISO 22196:2011): - Candida albicans ATCC® 10231™	Bacteria (as per ISO 22196:2011): - Escherichia coli ATCC® 25922™ - Pseudomonas aeruginosa ATCC® 27853™ - Enterococcus hirae ATCC® 10541 Viruses (as per ISO 21702:2019): - Influenza A (H1N1) - Human coronavirus (OC43) - SARS-CoV-2

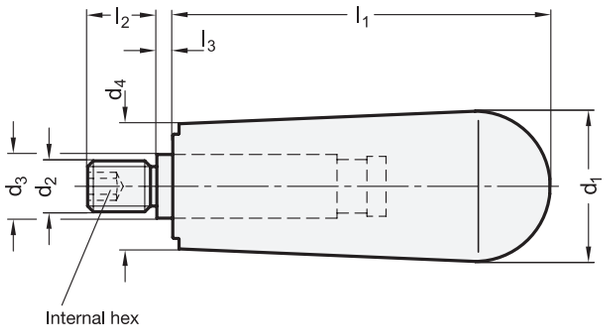
The principle of action has been shown to reduce the growth of bacteria and fungi within 24 hours so that the surfaces ultimately exhibit less than 1% of the original microbial contamination. In the case of viruses, the contamination is reduced to below 5%.

Typical standard part
Microorganism proliferation in a period of 24 h



Sanline standard part
Microorganism reduction in a period of 24 h





Metric

elesa
Original design I.644-SST-SAN

SS Stainless Steel

Metric table

Dimensions in: millimeters - *inches*

2 d_1	3 d_2 Thread	d_3	d_4	l_1	l_2	l_3 ≈
36 *1.42*	M 8	14 *0.55*	30 *1.18*	90 *3.54*	16 *0.63*	1.5 *0.06*

Specification

1 4

- Handle body
  Plastic KT
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● SGA
  - White, RAL 9016, matte finish ○ WSA
- Threaded spindle
  Stainless steel AISI 304
- *Plastic Characteristics*
  → *Standard Parts Handbook page 2135*
- *Stainless Steel Characteristics*
  → *Standard Parts Handbook page 2143*
- RoHS compliant

Information

EN 798.6 cylindrical revolving handles are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures up to 266 °F (130 °C) will also have no effect on the antimicrobial property.

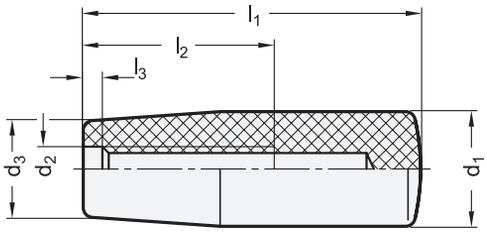
With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

see also...
- *Product Family Sanline → page 3*
- *Fixed Cylindrical Handles EN 539 → www.jwwinco.com*
- *Retractable Handles GN 598.3 (Locked in Operating Position)*
  → *Standard Parts Handbook page 50*

How to order

1 2 3 4
EN 798.6-KT-36-M8-SGA

1	**Material**
2	**Handle diameter d_1**
3	**Thread d_2**
4	**Color**



elesa
Original design I.780-SAN

Metric table

Dimensions in: millimeters - *inches*

1 d_1 +0.5	2 d_2 Thread	d_3	l_1	l_2 min.	l_3
26 *1.02*	M 8	21 *0.83*	80 *3.15*	40 *1.57*	7 *0.28*

Specification

3

- Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● **SGA**
  - White, RAL 9016, matte finish ○ **WSA**
- *Plastic Characteristics*
  → Standard Parts Handbook page 2135
- RoHS compliant

Information

EN 519.2 cylindrical handles are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilising at temperatures below 266 °F (130 °C) will also have no effect on the anti-microbial property.

With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

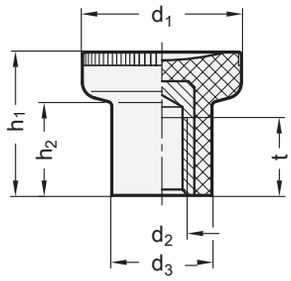
see also...

- *Product Family Sanline → page 3*
- *Cylindrical Handles EN 519.2 (Technopolymer Plastic) → www.jwwinco.com*
- *Cylindrical Handles EN 519 (Phenolic Plastic) → Standard Parts Handbook page 62*
- *Softline Cylindrical Handles EN 519.6 → www.jwwinco.com*

How to order

1 2 3
EN 519.2-26-M8-SGA

1	**Handle diameter d_1**
2	**Thread d_2**
3	**Color**



Metric

elesa
Original design EKK-SST-SAN

SS Stainless Steel

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2 Thread	d_3	h_1	h_2	t min.
21 *0.83*	M 5	12.5 *0.49*	18 *0.71*	10.5 *0.41*	10 *0.39*
31 *1.22*	M 8	18.5 *0.73*	27 *1.06*	17 *0.67*	15 *0.59*

Specification

3

- Knob body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● **SGA**
  - White, RAL 9016, matte finish ○ **WSA**
- Tapped insert
  Stainless steel AISI 303
- *Plastic Characteristics*
  → *Standard Parts Handbook page 2135*
- *Stainless Steel Characteristics*
  → *Standard Parts Handbook page 2143*
- RoHS compliant

Information

EN 676 knurled knobs are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures up to 266 °F (130 °C) will also have no effect on the antimicrobial property.

With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

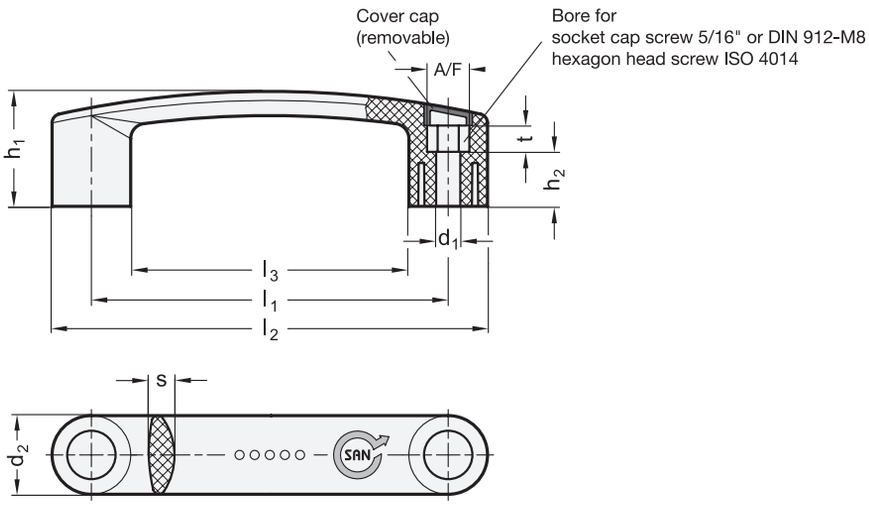
see also...
• *Product Family Sanline → page 3*

How to order
1 2 3
EN 676-31-M8-SGA

1	**Handle diameter d_1**
2	**Thread d_2**
3	**Color**

EN 628.1 | Bridge Handles

Antimicrobial Plastic, Ergostyle®, with Counterbored Mounting Holes



Metric

elesa
Original design EBP.SAN

iF product design award

2 Type

B Mounting from the operator's side

Metric table

Dimensions in: millimeters - *inches*

1 l_1	2 d_1	d_2	h_1	h_2	l_2	l_3 min.	s	A/F	t
117 ±0.5 *4.61 ±0.02*	8.5 *0.33*	26 *1.02*	39 *1.54*	18 *0.71*	143 *5.63*	91 *3.58*	8.5 *0.33*	13	8.5 *0.33*
179 ±1 *7.05 ±0.04*	8.5 *0.33*	29 *1.14*	51 *2.01*	19 *0.75*	208 *8.19*	150 *5.91*	9.5 *0.37*	13	16 *0.63*

Specification

3

- Handle
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● **SGA**
  - White, RAL 9016, matte finish ○ **WSA**
- Cover caps
  Plastic
  Technopolymer (Polyamide PA)
  - Black-gray for SGA
  - White for WSA
- *Strength Values*
  → *Standard Parts Handbook page 2081*
- *Plastic Characteristics*
  → *Standard Parts Handbook page 2135*
- RoHS compliant

On request

- Various metric size fasteners and kit packaging

Information

EN 628.1 bridge handles are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent which helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures below 266 °F (130 °C) will also have no effect on the anti-microbial property.

With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

see also...

- *Product Family Sanline* → *page 3*
- *Bridge Handles EN 628 (Mounting from the Back or from the Operator's Side)*
  → → *Standard Parts Handbook page 130*

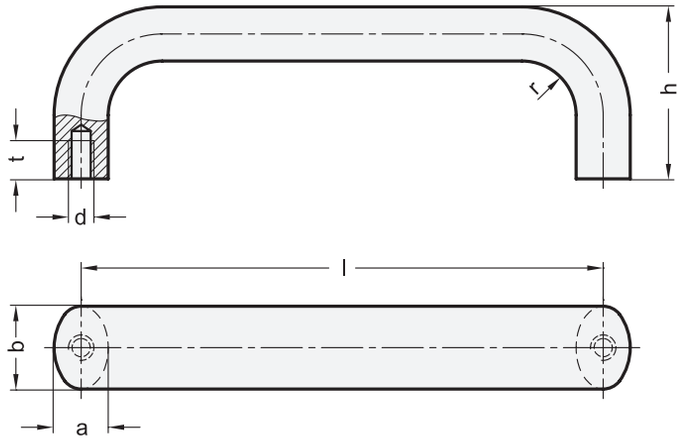
How to order

1 2 3 4
EN 628.1-117-8.5-B-SGA

1	Length l_1
2	Diameter d_1
3	Type
4	Color

GN 565 | Cabinet “U” Handles

Aluminum, with Tapped Holes



Inch | Metric

Inch table

Dimensions in: inches - *millimeters*

1 b	2 d	3 Length l ±0.01						a	h	r	t min.
0.79 *20*	1/4 x 20	3.94 *100*	4.41 *112*	-	-	-	-	0.51 *13*	1.93 *49*	0.51 *13*	0.39 *10*
0.79 *20*	1/4 x 20	5.04 *128*	6.30 *160*	-	-	-	-	0.51 *13*	2.01 *51*	0.51 *13*	0.39 *10*
1.02 *26*	5/16 x 18	4.41 *112*	4.61 *117*	5.04 *128*	-	-	-	0.67 *17*	2.17 *55*	0.67 *17*	0.47 *12*
1.02 *26*	5/16 x 18	6.30 *160*	7.05 *179*	7.56 *192*	11.81 *300*	15.75 *400*	19.69 *500*	0.67 *17*	2.24 *57*	0.67 *17*	0.47 *12*

Metric table

Dimensions in: millimeters - *inches*

1 b	2 d	3 Length l ±0.25 Finish **SW / RS / SR / EL / BL**						Finish **SMA / WSA**			a	h	r	t min.
20 *0.79*	M 6	100 *3.94*	112 *4.41*	117 *4.61*	120* *4.72*	-	-	100 *3.94*	112 *4.41*	-	13 *0.51*	49 *1.93*	13 *0.51*	10 *0.39*
20 *0.79*	M 6	128 *5.04*	160 *6.30*	180* *7.09*	200 *7.87*	235* *9.25*	-	128 *5.04*	160 *6.30*	-	13 *0.51*	51 *2.01*	13 *0.51*	10 *0.39*
26 *1.02*	M 8	112 *4.41*	117 *4.61*	120 *4.72*	125 *4.92*	128 *5.04*	-	128 *5.04*	-	-	17 *0.67*	55 *2.17*	17 *0.67*	12 *0.47*
26 *1.02*	M 8	160 *6.30*	179 *7.05*	192 *7.56*	300 *11.81*	400 *15.75*	500 *19.69*	160 *6.30*	192 *7.56*	300 *11.81*	17 *0.67*	57 *2.24*	17 *0.67*	12 *0.47*

* Suitable for 19“ rack and enclosure layout

** These colors are only available in minimum quantities for inch sizes

Specification

4

- Aluminum
  - Powder coated, textured finish
    - Black, RAL 9005, UV resistant — **SW**
    - Red, RAL 3000 — **RS****
    - Silver, RAL 9006 — **SR****
  - Powder coated, antimicrobial
    - Black, RAL 9005 — **SMA****
    - White, RAL 9016 — **WSA****
  - Anodized finish, natural color — **EL**
  - Plain, tumbled finish — **BL**
- *Load Rating Information*
  → *Standard Parts Handbook page 2068*
- RoHS compliant

Information

GN 565 cabinet “U” handles are manufactured from a bent aluminum profile and have excellent stability and ergonomic design.

In addition to the standard finishes, these cabinet “U” handles are also available with functional coatings:

The **SW** version is coated with a highly weather-resistant and UV-resistant powder coating system, making this version excellent for outdoor use.

The **SMA / WSA** versions have a powder coating based on silver ions, which gives them antimicrobial properties. The principle of action has been shown to reduce the contamination of the handle surfaces within 24 hours so that fewer than 1% of bacteria and fewer than 5% of viruses ultimately survive.

Standard parts with antimicrobial plastic coating are primarily used in the health care sector and in public buildings, such as airports, train stations, stadiums, etc.

On request

- Special designs
- Various inch and metric size fasteners and kit packaging

How to order (Inch)

1 2 3 4

GN 565-20-1/4X20-100-SW

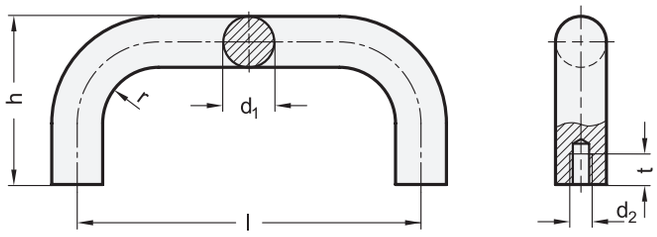
1	Handle width b
2	Thread d
3	Length l
4	Finish

How to order (Metric)

1 2 3 4

GN 565-26-M8-128-RS

1	Handle width b
2	Thread d
3	Length l
4	Finish



Metric

Metric table

Dimensions in: millimeters - *inches*

d_1	Length l ±0.25 Finish SW / SR / BL	Length l ±0.25 Finish SMA / WSA	d_2 Thread	h	r	t min.
20 *0.79*	200 *7.87*	200 *7.87*	M 8	68 *2.68*	22 *0.87*	15 *0.59*
20 *0.79*	250 *9.84*	250 *9.84*	M 8	68 *2.68*	22 *0.87*	15 *0.59*
20 *0.79*	300 *11.81*	300 *11.81*	M 8	68 *2.68*	22 *0.87*	15 *0.59*
20 *0.79*	350 *13.78*	-	M 8	68 *2.68*	22 *0.87*	15 *0.59*
28 *1.10*	250 *9.84*	250 *9.84*	M 10	78 *3.07*	32 *1.26*	15 *0.59*
28 *1.10*	300 *11.81*	300 *11.81*	M 10	78 *3.07*	32 *1.26*	15 *0.59*
28 *1.10*	350 *13.78*	-	M 10	78 *3.07*	32 *1.26*	15 *0.59*
28 *1.10*	400 *15.75*	400 *15.75*	M 10	78 *3.07*	32 *1.26*	15 *0.59*

Specification

- Aluminum — **AL**
  - Powder coated, textured finish
    - Black, RAL 9005 — **SW**
    - Silver, RAL 9006 — **SR**
  - Powder coated, antimicrobial
    - Black, RAL 9005 — **SMA**
    - White, RAL 9016 — **WSA**
  - Plain, tumbled finish — **BL**
- *Load Rating Information*
  → *Standard Parts Handbook page 2068*
- RoHS compliant

On request

- Special designs
- Various metric size fasteners and kit packaging

Information

GN 426 cabinet “U” handles are manufactured from a bent aluminum profile and have excellent stability and ergonomic design.

In addition to the standard finishes, these cabinet “U” handles are also available with a functional coating: The **SMA / WSA** versions have a powder coating based on silver ions, which gives them antimicrobial properties. The principle of action has been shown to reduce the contamination of the handle surfaces within 24 hours so that fewer than 1% of bacteria and fewer than 5% of viruses ultimately survive.

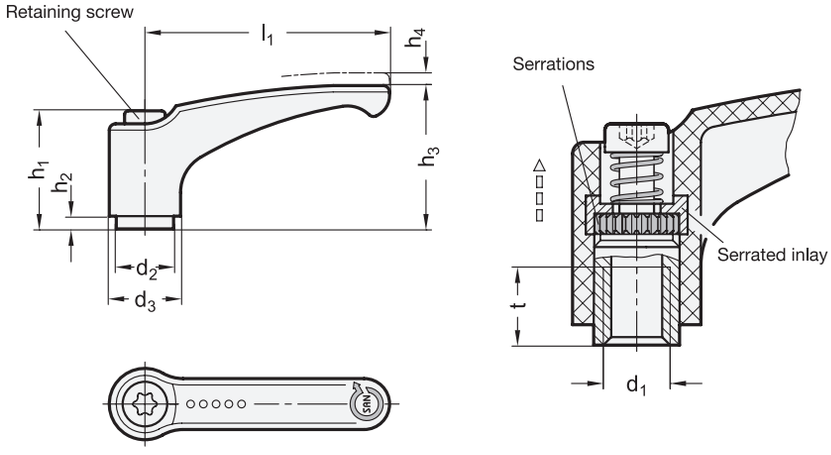
Standard parts with antimicrobial plastic coating are primarily used in the health care sector and in public buildings, such as airports, train stations, stadiums, etc.

see also...
- *Product Family Sanline → page 3*
- *Cabinet “U” Handles GN 428 (Aluminum) → Standard Parts Handbook page 153*

How to order

GN 426-AL-28-300-SW

1	Material
2	Handle diameter d_1
3	Length l
4	Finish



Inch | Metric

elesa
Original design ERZ-SST-SAN

SS Stainless Steel

Inch table

Dimensions in: inches - *millimeters*

1 l_1	2 d_1 Thread		d_2	d_3	h_1	h_2	h_3	h_4 Stroke	t min.
2.48 *63*	1/4 x 20	5/16 x 18	0.53 *13.5*	0.75 *19*	1.22 *31*	0.14 *3.5*	1.52 *38.5*	0.16 *4*	0.39 *10*
3.07 *78*	5/16 x 18	3/8 x 16	0.63 *16*	0.91 *23*	1.42 *36*	0.14 *3.5*	1.83 *46.5*	0.16 *4*	0.55 *14*

Metric table

Dimensions in: millimeters - *inches*

1 l_1	2 d_1 Thread			d_2	d_3	h_1	h_2	h_3	h_4 Stroke	t min.
63 *2.48*	M 6	M 8	-	13.5 *0.53*	19 *0.75*	31 *1.22*	3.5 *0.14*	38.5 *1.52*	4 *0.16*	10 *0.39*
78 *3.07*	M 8	M 10	M 12	16 *0.63*	23 *0.91*	36 *1.42*	3.5 *0.14*	46.5 *1.83*	4 *0.16*	14 *0.55*

Specification

3

- Lever body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● **SGA**
  - White, RAL 9016, matte finish ○ **WSA**
- Serrated inlay
  Zinc die-cast
- Tapped insert / retaining screw
  Stainless steel AISI 303
- *Plastic Characteristics*
  → *Standard Parts Handbook page 2135*
- *Stainless Steel Characteristics*
  → *Standard Parts Handbook page 2143*
- RoHS compliant

Information

EN 604.1 adjustable levers are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures up to 266 °F (130 °C) will also have no effect on the antimicrobial property.

With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

see also...

- *Product Family Sanline → page 3*
- *Adjustable Levers EN 604 (Plastic, with Steel Insert) → Standard Parts Handbook page 492*
- *Adjustable Levers EN 602.1 (Zinc Die-Cast, with Stainless Steel Insert) → Standard Parts Handbook page 487*
- *Adjustable Levers EN 604.1 (Plastic, with Stainless Steel Insert)*
- *→ Standard Parts Handbook page 493*

How to order (Inch)

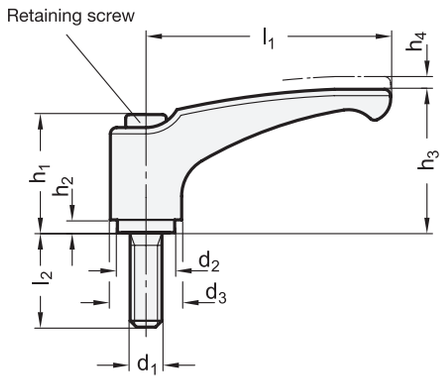
1 2 3
EN 604.1-63-5/16X18-WSA

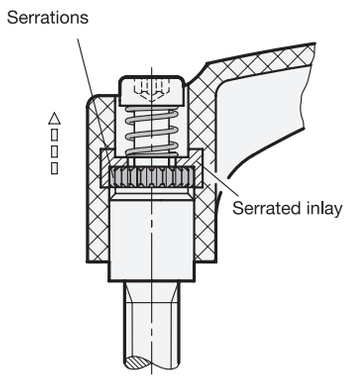
1	**Lever length l_1**
2	**Thread d_1**
3	**Color**

How to order (Metric)

1 2 3
EN 604.1-78-M8-SGA

1	**Lever length l_1**
2	**Thread d_1**
3	**Color**





Inch | Metric

elesa
Original design ERZ-SST-p-SAN

SS Stainless Steel

Inch table

Dimensions in: inches - *millimeters*

1 l_1	2 d_1 Thread	3 l_2					d_2	d_3	h_1	h_2	h_3	h_4 Stroke
2.48 *63*	5/16 x 18	0.79 *20*	1.26 *32*	1.57 *40*	2.48 *63*	-	0.53 *13.5*	0.75 *19*	1.22 *31*	0.14 *3.5*	1.52 *38.5*	0.16 *4*
3.07 *78*	3/8 x 16	0.98 *25*	1.26 *32*	1.57 *40*	1.97 *50*	2.48 *63*	0.63 *16*	0.91 *23*	1.42 *36*	0.14 *3.5*	1.83 *46.5*	0.16 *4*

Metric table

Dimensions in: millimeters - *inches*

1 l_1	2 d_1 Thread			3 l_2							d_2	d_3	h_1	h_2	h_3	h_4 Stroke
63 *2.48*	M 6	M 8	-	16 *0.63*	20 *0.79*	25 *0.98*	32 *1.26*	40 *1.57*	50 *1.97*	63 *2.48*	13.5 *0.53*	19 *0.75*	31 *1.22*	3.5 *0.14*	38.5 *1.52*	4 *0.16*
78 *3.07*	M 8	M 10	M 12	20 *0.79*	25 *0.98*	32 *1.26*	40 *1.57*	50 *1.97*	63 *2.48*	80 *3.15*	16 *0.63*	23 *0.91*	36 *1.42*	3.5 *0.14*	46.5 *1.83*	4 *0.16*

Specification

4

- Lever body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● SGA
  - White, RAL 9016, matte finish ○ WSA
- Serrated inlay
  Zinc die-cast
- Threaded stud / retaining screw
  Stainless steel AISI 303
- *Plastic Characteristics*
  → *Standard Parts Handbook page 2135*
- *Stainless Steel Characteristics*
  → *Standard Parts Handbook page 2143*
- RoHS compliant

Information

EN 604.1 adjustable levers are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures up to 266 °F (130 °C) will also have no effect on the antimicrobial property.

With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

see also...
- *Product Family Sanline → page 3*
- *Adjustable Levers EN 604 (Plastic, with Steel Threaded Stud)*
  → *Standard Parts Handbook page 496*
- *Adjustable Levers EN 602.1 (Zinc Die-Cast, with Stainless Steel Threaded Stud)*
  → *Standard Parts Handbook page 490*
- *Adjustable Levers EN 604.1 (Plastic, with Stainless Steel Threaded Stud)*
  → *Standard Parts Handbook page 498*

How to order (Inch)

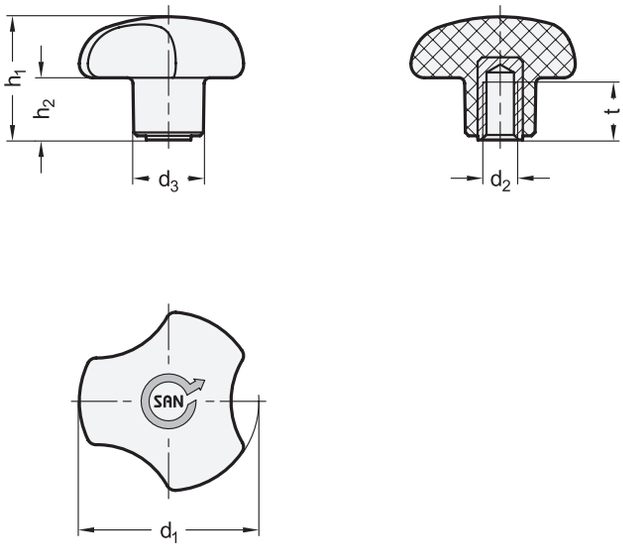
1 2 3 4
EN 604.1-63-5/16X18-20-WSA

1	Lever length l_1
2	Thread d_1
3	Thread length l_2
4	Color

How to order (Metric)

1 2 3 4
EN 604.1-78-M10-25-SGA

1	Lever length l_1
2	Thread d_1
3	Thread length l_2
4	Color



Metric

elesa
Original design VTT-SST-SAN

SS Stainless Steel

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2 Thread	d_3	h_1	h_2	t min.
40 *1.57*	M 8	16 *0.63*	27 *1.06*	13.5 *0.53*	13 *0.51*
50 *1.97*	M 10	19 *0.75*	30 *1.18*	15 *0.59*	17 *0.67*

Specification

3

- Three-lobed knob
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● **SGA**
  - White, RAL 9016, matte finish ○ **WSA**
- Tapped insert
  Stainless steel AISI 304
- *Plastic Characteristics*
  → *Standard Parts Handbook page 2135*
- *Stainless Steel Characteristics*
  → *Standard Parts Handbook page 2143*
- RoHS compliant

Information

EN 5342 three-lobed knobs are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures up to 266 °F (130 °C) will also have no effect on the antimicrobial property.

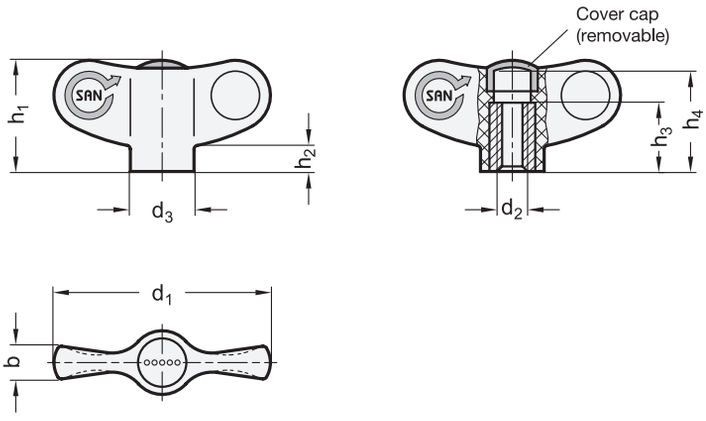
With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

see also...
- *Product Family Sanline → page 3*
- *Solid Five-Lobed Knobs EN 5337.4 (Technopolymer Plastic, with Stainless Steel Tapped Insert) → Standard Parts Handbook page 606*
- *Solid Five-Lobed Knobs EN 5337.4 with Loss Protection GN 111.7 → Standard Parts Handbook page 2046*

How to order

1 2 3
EN 5342-40-M8-WSA

1	**Handle diameter d_1**
2	**Thread d_2**
3	**Color**



Metric

elesa
Original design EWN-SST-SAN

SS Stainless Steel

3 Type

E With tapped blind bore

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2 Thread	d_3	b	h_1	h_2	h_3	h_4
40 *1.57*	M 6	13.5 *0.53*	6 *0.24*	20 *0.79*	4 *0.16*	12 *0.47*	18 *0.71*
55 *2.17*	M 8	16 *0.63*	8 *0.31*	28 *1.10*	6.5 *0.26*	18 *0.71*	25 *0.98*

Specification

4

- Wing body
  Plastic
  Technopolymer (Polyamide PA)
  - Glass fiber reinforced
  - Temperature resistant up to 266 °F (130 °C)
  - Black-gray, RAL 7021, matte finish ● **SGA**
  - White, RAL 9016, matte finish ○ **WSA**
- Tapped insert
  Stainless steel AISI 303
- Cover cap
  Plastic
  Technopolymer (Polyamide PA)
  - Black-gray for SGA
  - White for WSA
- *Plastic Characteristics*
  → Standard Parts Handbook page 2135
- *Stainless Steel Characteristics*
  → Standard Parts Handbook page 2143
- RoHS compliant

Information

EN 634.1 wing nuts are manufactured from an antimicrobial plastic.

Adding a silver-based substance has created a natural active agent that helps to prevent the growth of bacteria. Even after repeated cleaning with soap or solvent, the antimicrobial effect of this additive will not diminish. Sterilizing at temperatures up to 266 °F (130 °C) will also have no effect on the antimicrobial property.

With these properties, operating parts made of this plastic are the perfect choice for use in medical engineering, in the food and the pharmaceutical industry, and in general wherever hygiene is of great importance.

see also...
- *Product Family Sanline → page 3*
- *Wing Nuts EN 634.1 → Standard Parts Handbook page 660*

How to order

1 2 3 4
EN 634.1-55-M8-E-SGA

1	Handle diameter d_1
2	Thread d_2
3	Type
4	Color

J.W. Winco, Inc.*
2815 South Calhoun Road
New Berlin, WI 53151
USA

Phone +1-800-877-8351
E-Mail sales@jwwinco.com

*ISO 9001 certified

J.W. Winco Canada, Inc.
300 Trowers Rd, Unit 11,
Woodbridge, ON L4L 5Z9
Canada

Phone +1-800-397-6993
E-Mail sales@jwwinco.ca

JW Winco México, S.A. de C.V.
Parque Industrial Makro, Bodega 10
Santa Catarina, N.L. 66359
México

Phone +52(81)2721-4021
E-Mail ventas@jwwinco.mx

www.jwwinco.com