METALIKA
Zapirna tehnika KACIN
4226 ŽIRI, Bedrih 27 - Tel./fax 04 / 510 53 60
GSM 041 / 694 339 - info@metalika-kacin.com

Vpenjalne ročice
Kroglasti gumbi
Zatezni vijaki
Nivelirni vijaki
Pozicionirni čepi
Ročična kolesa

Široka izbira standardnih vpenjalnih in zateznih elementov
za kovinske omarice, kovinska ohišja, kovinsko pohištvo, za uporabo pri
izdelavi strojne opreme, za uporabo v industriji predelave pločevine in vozil.

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Klavirski ali dolgi šarnirji

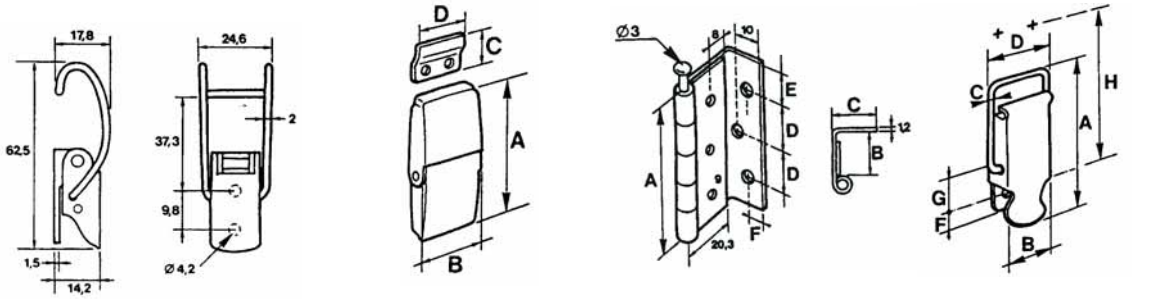
Manjši šarnirji

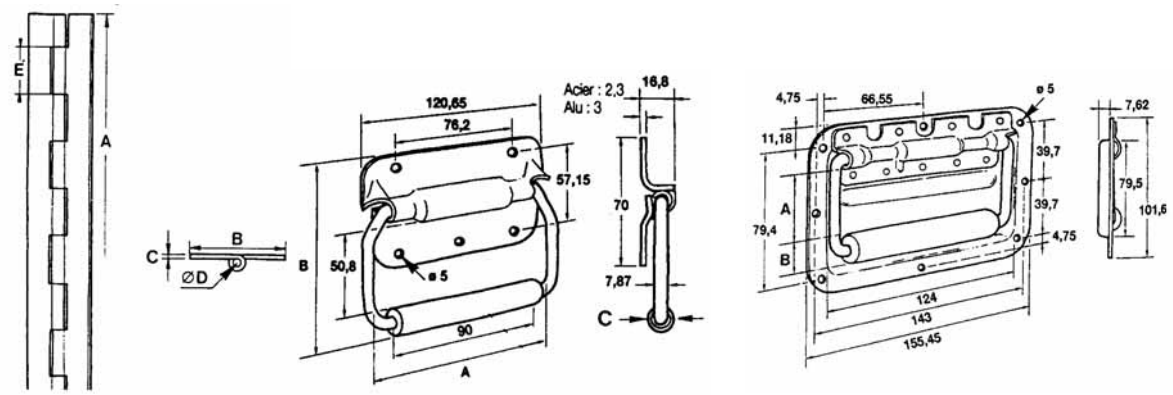
Tečaji razni

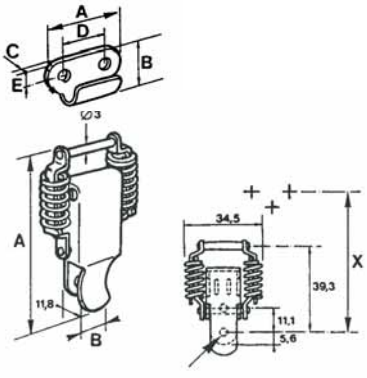
Zapahi, ključavnice in zapirala

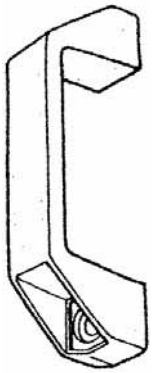
Gumbi in ročaji

Zatezna zapirala









Široka izbira okovja in pribora za proizvodnjo
stikalnih in krmilnih omar, ohišij za elektro opremo, elektroniko,
telekomunikacijsko, tehnološko, klimatsko in drugo tehniko ter strojegradnjo.

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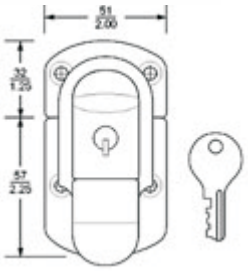

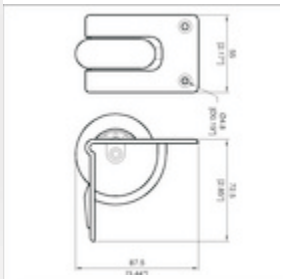

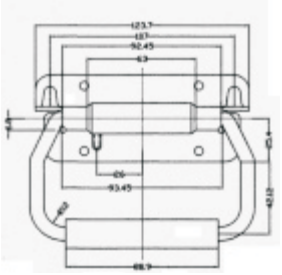

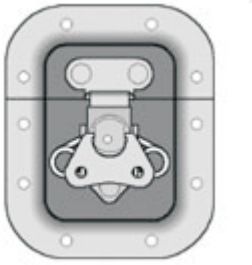

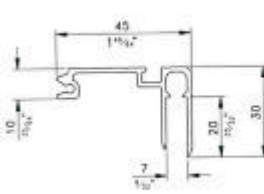

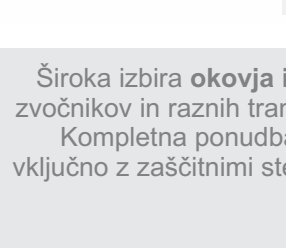

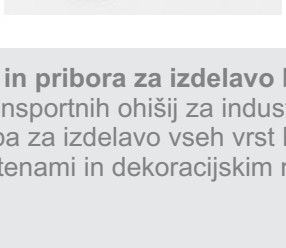

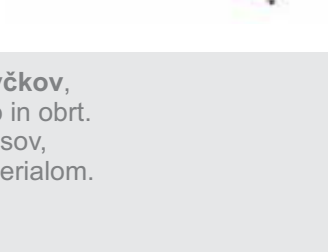

Pribor za kovčke

Vogalniki

Zapirala za kovčke

Tečaji za kovčke

AL-profili

Ročaji za zvočnike

Kolesa za kovčke

Gumijasti podstavki

Penasti vložki

Gradbeni material za kovčke

Vložki za transport reflektorjev

Priključne plošče

Vtičnice za zvočnike

Široka izbira **okovja in pribora za izdelavo kovčkov**,
zvočnikov in raznih transportnih ohišij za industrijo in obrt.
Kompletna ponudba za izdelavo vseh vrst boksov,
vključno z zaščitnimi stenami in dekoracijskim materialom.

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6-1102 Bridge Handle
Aluminium

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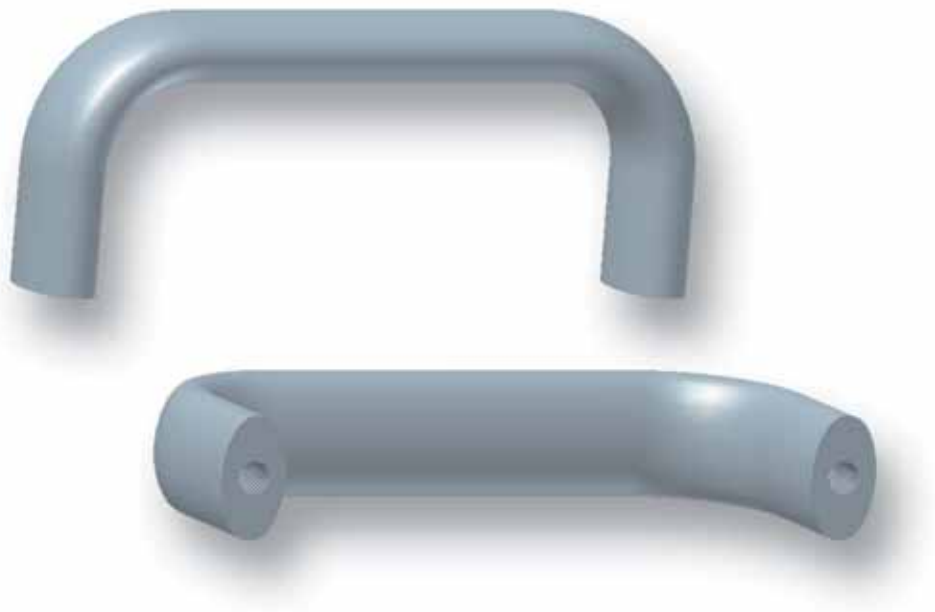

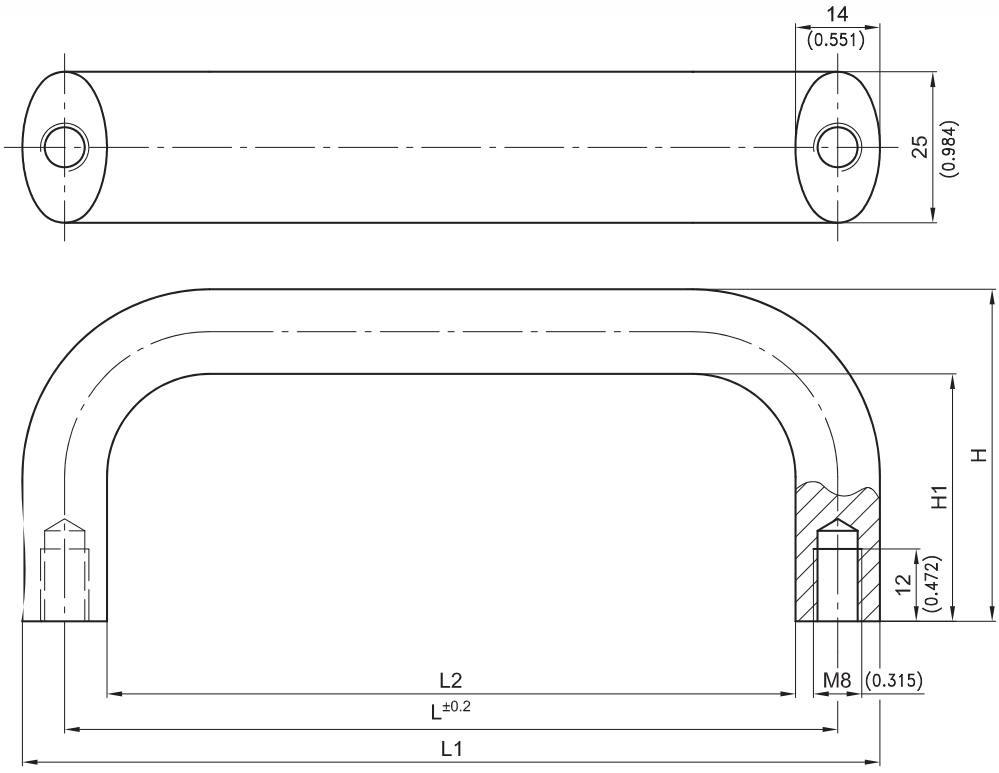

Solid aluminium Handle, modern industrial design.

- Handles for hospital equipment, medical and food processing technology.
- Designed for vertical or horizontal uses.
- Fastening by M8 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

						Aluminium
Bridge Handle, ellipse	**L**	**L1**	**L2**	**H**	**H1**	**anodized**
mm / inch	112 / 4.409	126 / 4.961	98 / 3.858	55 / 2.165	41 / 1.614	**213-0514.96-00112**
	128 / 5.039	142 / 5.591	114 / 4.488	55 / 2.165	41 / 1.614	**213-0514.96-00128**
	160 / 6.299	174 / 6.850	146 / 5.748	55 / 2.165	41 / 1.614	**213-0514.96-00160**
	192 / 7.559	206 / 8.110	178 / 7.008	55 / 2.165	41 / 1.614	**213-0514.96-00192**
	300 / 11.811	314 / 12.362	286 / 11.260	55 / 2.165	41 / 1.614	**213-0514.96-00300**

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6-1103 Bridge Handle
Aluminium

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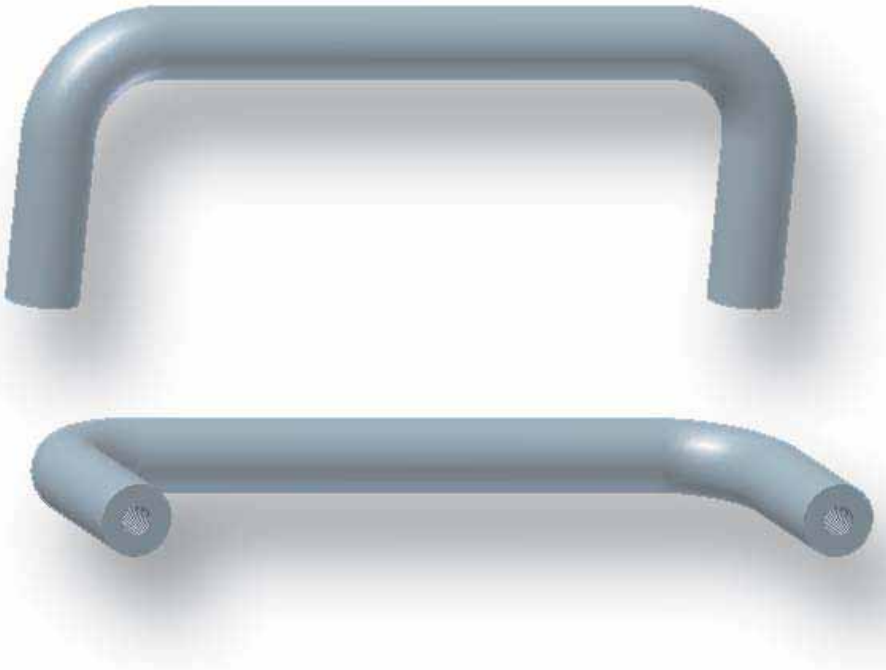

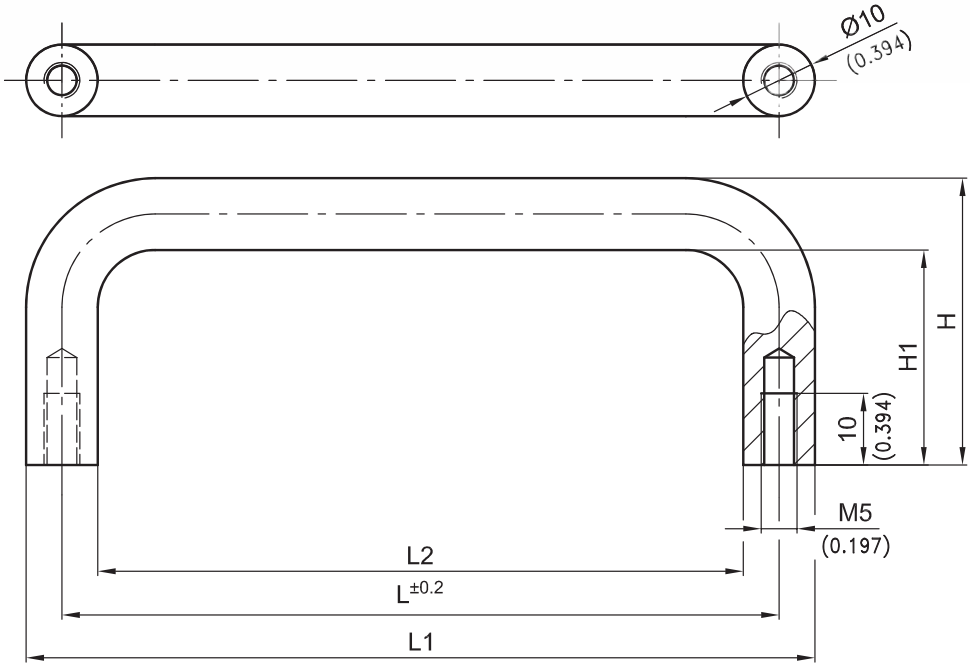

Solid aluminium Handle, modern industrial design.

- Handles for hospital equipment, medical and food processing technology.
- Designed for vertical or horizontal uses.
- Fastening by M5 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

Bridge Handle, round	L	L1	L2	H	H1	Aluminium anodized
mm / inch	100 / 3.937	110 / 4.331	90 / 3.543	40 / 1.575	30 / 1.181	**213-0517.96-00100**

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6-1104 Bridge Handle
Aluminium

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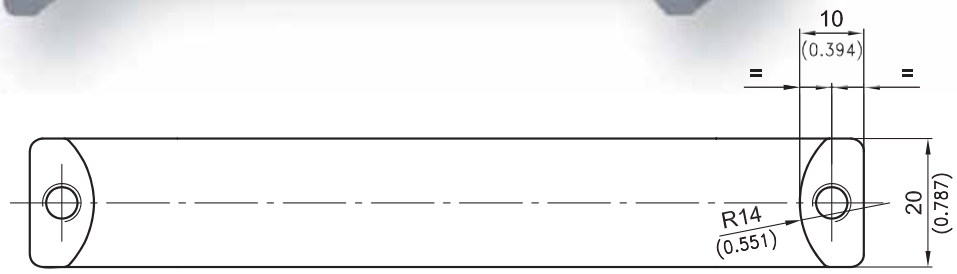

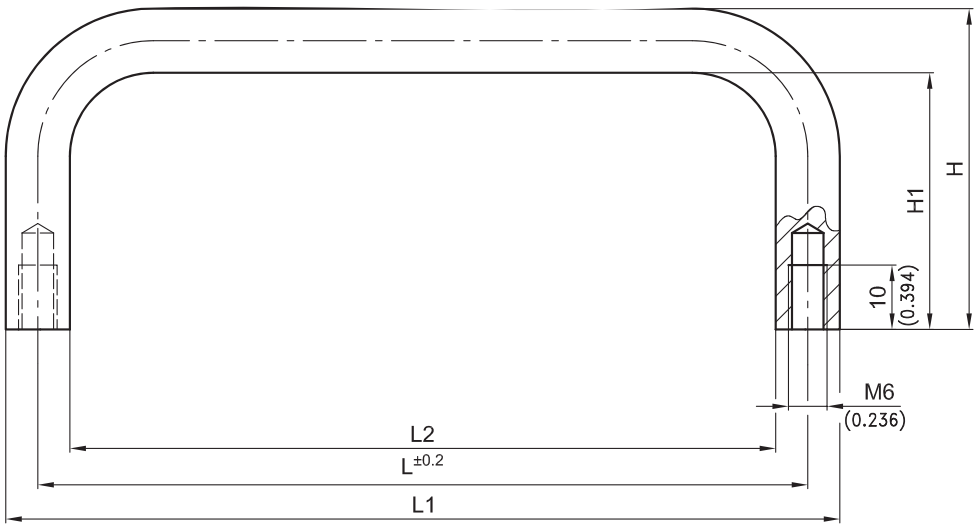

Solid aluminium Handle, modern industrial design.

- Handles for machine building, tool building, electrical industry, hospital equipment, medical and food processing technology.
- Designed for vertical or horizontal uses.
- For pulling and carrying.
- Fastening by M6 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

						Aluminium
Machine Handle, half round	**L**	**L1**	**L2**	**H**	**H1**	**anodized**
mm / inch	112 / 4.409	122 / 4.803	102 / 4.016	50 / 1.969	40 / 1.575	**213-0513.96-00112**
	128 / 5.039	138 / 5.433	118 / 4.646	50 / 1.969	40 / 1.575	**213-0513.96-00128**
	160 / 6.299	170 / 6.693	150 / 5.906	50 / 1.969	40 / 1.575	**213-0513.96-00160**

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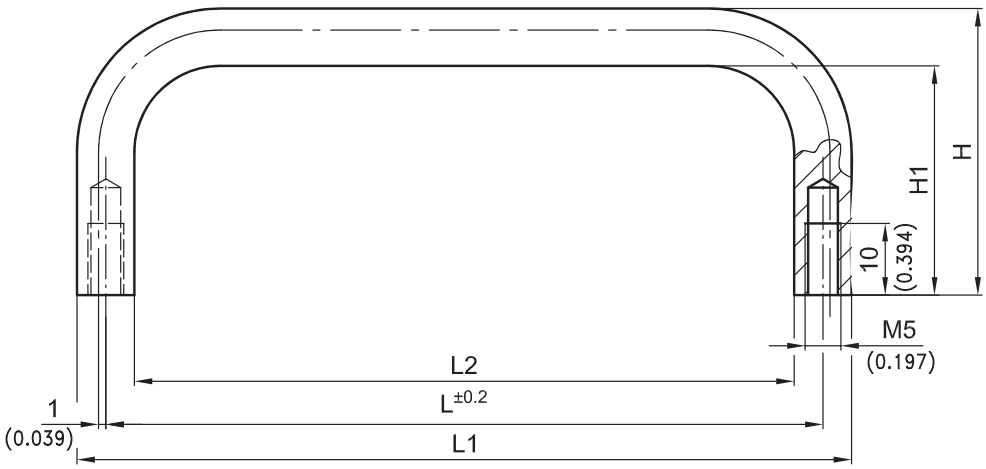
6-1105 Bridge Handle
Aluminium



Solid aluminium Handle, modern industrial design.

- Handles for hospital equipment, medical and food processing technology.
- Designed for vertical or horizontal uses.
- Fastening by M5 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

						Aluminium
Bridge Handle, half round	**L**	**L1**	**L2**	**H**	**H1**	**anodized**
mm / inch	100 / 3.937	108 / 4.252	92 / 3.622	40 / 1.575	32 / 1.260	**213-0516.96-00100**

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6-1106 Bridge Handle
Aluminium

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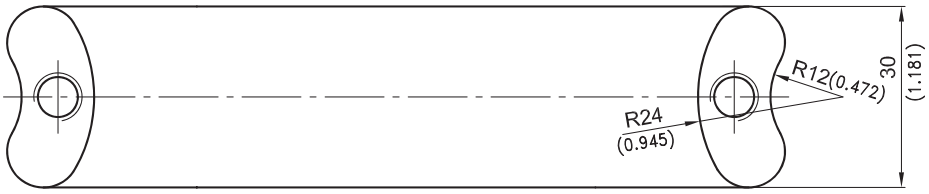

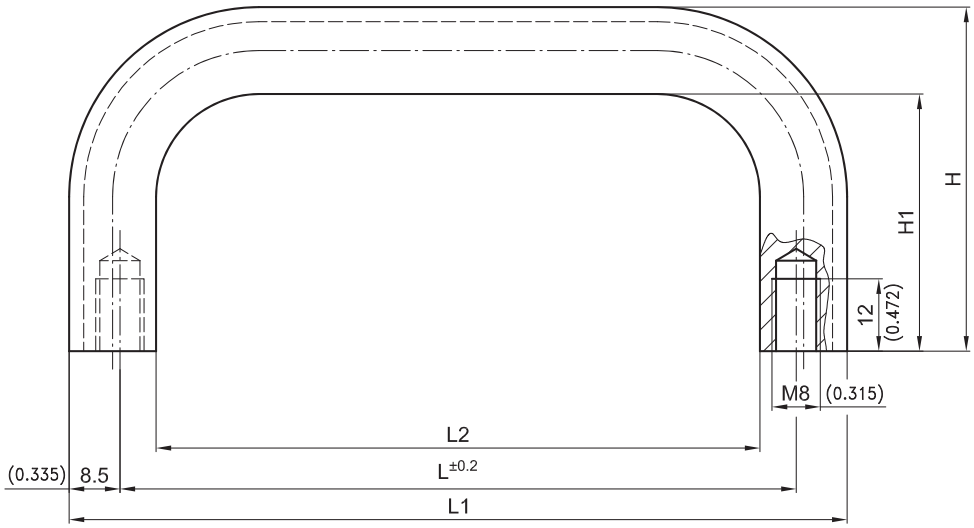

Solid aluminium Handle.

- The appealing kidney-shaped design makes it human-engineered and easy to use.
- Handles for machine building, tool building, electrical industry, hospital equipment, medical and food processing technology.
- Designed for vertical or horizontal uses.
- For pulling and carrying.
- Fastening by M8 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

Machine Handle, kidney-shaped	L	L1	L2	H	H1	Aluminium anodized
mm / inch	128 / 5.039	145 / 5.709	116 / 4.567	57 / 2.244	42.5 / 1.673	**213-0515.96-00128**
	160 / 6.299	177 / 6.969	148 / 5.827	57 / 2.244	42.5 / 1.673	**213-0515.96-00160**
	192 / 7.559	209 / 8.228	180 / 7.087	57 / 2.244	42.5 / 1.673	**213-0515.96-00192**
	350 / 13.780	367 / 14.449	338 / 13.307	57 / 2.244	42.5 / 1.673	**213-0515.96-00350**
	500 / 19.685	517 / 20.354	488 / 19.216	57 / 2.244	42.5 / 1.673	**213-0515.96-00500**

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6-1107 Finger Pull Handle
Aluminium

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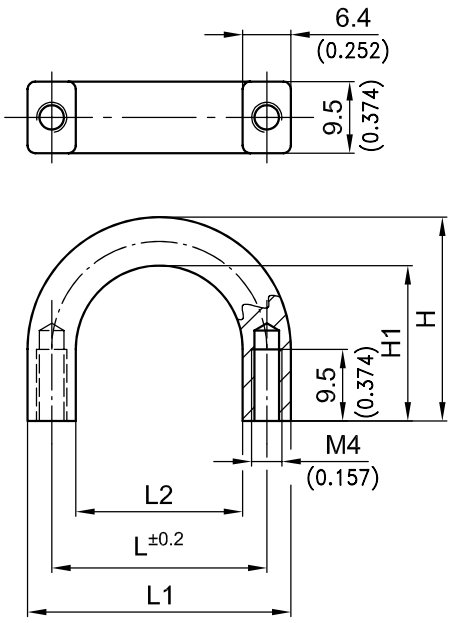

Solid aluminium Handle, modern industrial design.

- This Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Designed for vertical or horizontal uses.
- Fastening by M4 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

						Aluminium
Finger Pull Handle	**L**	**L1**	**L2**	**H**	**H1**	**anodized**
mm / inch	28.5 / 1.122	35 / 1.378	22.2 / 0.874	27 / 1.063	20.5 / 0.807	**213-0510.96-00285**

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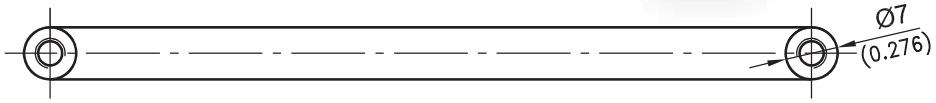
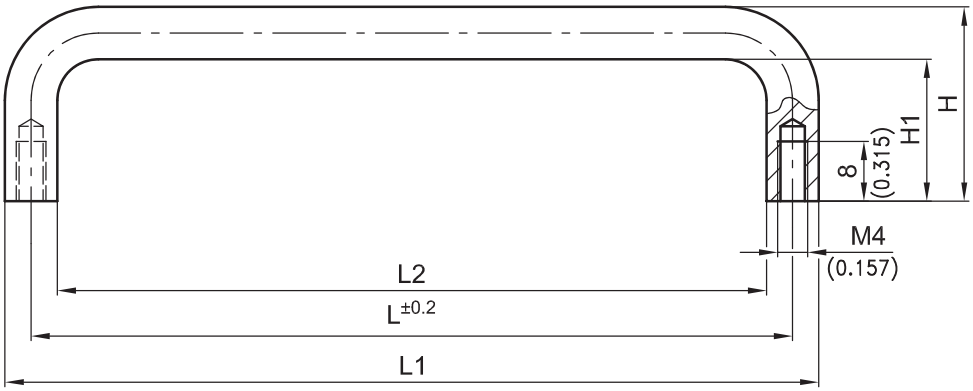
6-1108 Bridge Handle
Aluminium





Solid aluminium Handle, modern industrial design.

- This Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Designed for vertical or horizontal uses.
- Fastening by M4 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

Finger Pull Handle in same design see product system: 6-1109.

						Aluminium
Bridge Handle	**L**	**L1**	**L2**	**H**	**H1**	**anodized**
mm / inch	96 / 3.780	103 / 4.055	89 / 3.504	26 / 1.024	19 / 0.748	**213-0512.96-00096**
	128 / 5.039	135 / 5.315	121 / 4.764	26 / 1.024	19 / 0.748	**213-0512.96-00128**

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6-1109 Finger Pull Handle
Aluminium

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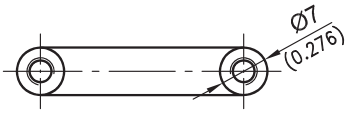

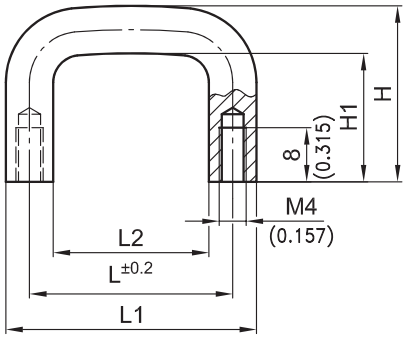

Solid aluminium Handle, modern industrial design.

- This Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Designed for vertical or horizontal uses.
- Fastening by M4 screws.

Material:

- aluminium, anodized (AlMgSi 0,5)

Other surfaces on request.

Bridge Handle in same design see product system: 6-1108.

						Aluminium
Bridge Handle	**L**	**L1**	**L2**	**H**	**H1**	**anodized**
mm / inch	30 / 1.181	37 / 1.457	23 / 0.906	26 / 1.036	19 / 0.748	**213-0511.96-00030**
	64 / 2.520	71 / 2.795	57 / 2.244	26 / 1.036	19 / 0.748	**213-0511.96-00064**

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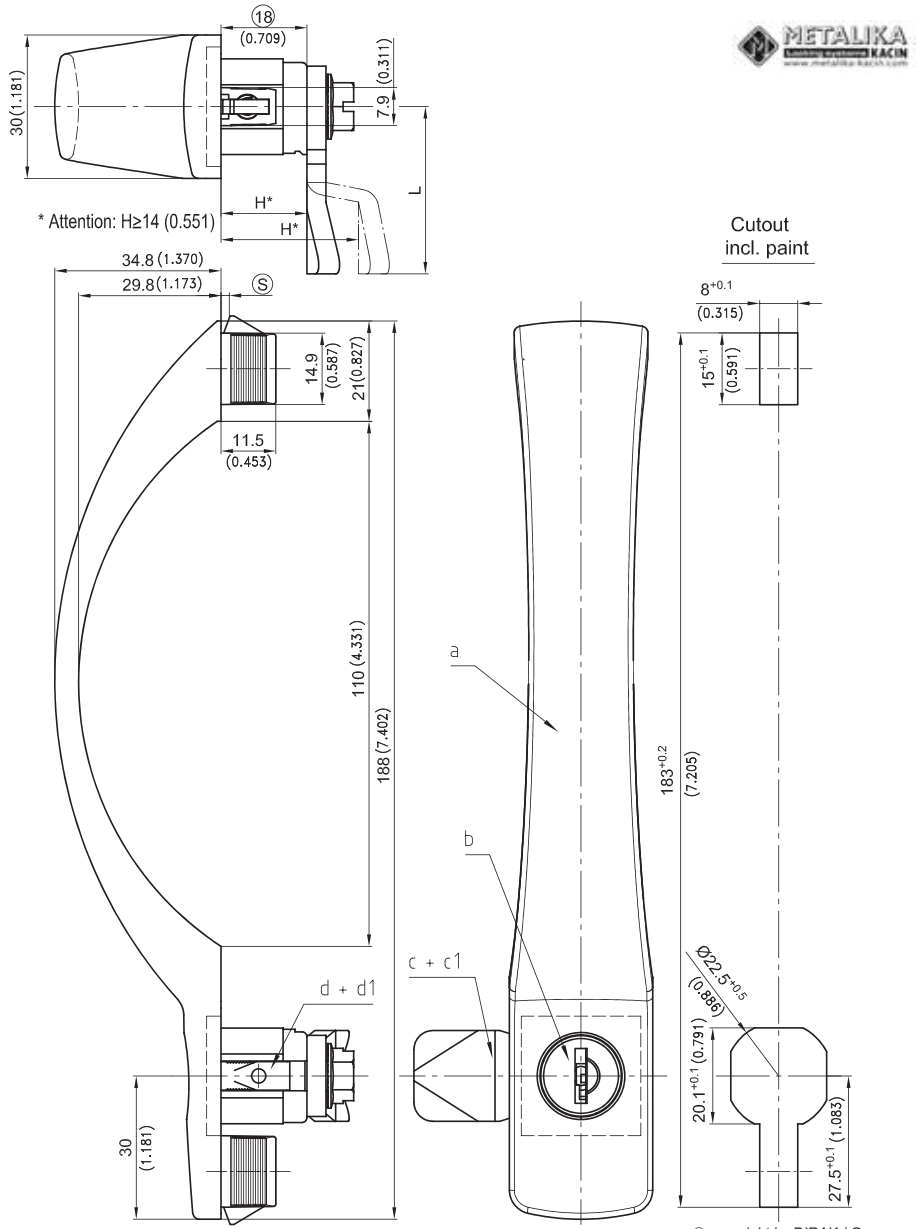
6-1110SL Quarter-Turn with Handle SNAP-LINE

with cylinder or insert



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DIRAK
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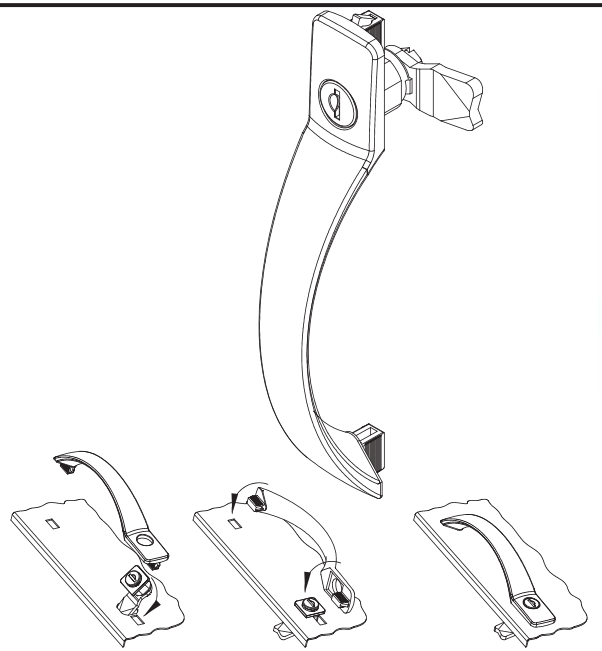
6-1110SL Quarter-Turn with Handle SNAP-LINE

with cylinder or insert



1. Installation of Quarter-Turn
2. ENCASING the loose Quarter-Turn.
3. Fitted and fixed

Please contact DIRAK for the Assembly-partnumber of a completely pre-assembled SNAP-LINE Bowed Handle.

Advise following details:
Door-thickness,
Application: cam 90° to handle, RH/LH,
cam in line withh handle,
Cam or 3-point cam H in mm,
Cylinder or Insert,
Grounding/ Earthing clip: Y/N

		clamping range (S)	with Grounding/ Earthing clip	without Grounding/ Earthing clip
a) **Bowed Handle** with Snap wedges with cylinder				
	keyed alike DIRAK 1333*	0.8 - 1.5	**413-9305.00-00012**	**413-9301.00-00012**
		1.3 - 2.0	**413-9305.00-00016**	**413-9301.00-00016**
		1.5 - 2.2	**413-9305.00-00020**	**413-9301.00-00020**
	keyed different/mixed	0.8 - 1.5	**413-9306.00-00012**	**413-9302.00-00012**
		1.3 - 2.0	**413-9306.00-00016**	**413-9302.00-00016**
		1.5 - 2.2	**413-9306.00-00020**	**413-9302.00-00020**
b) for inserts (not imaged)		0.8 - 1.5	**413-9307.00-00012**	**413-9303.00-00012**
		1.3 - 2.0	**413-9307.00-00016**	**413-9303.00-00016**
		1.5 - 2.2	**413-9307.00-00020**	**413-9303.00-00020**
		Other (S) - dimensions on request!		
Inserts	see product system 1-095, 1-100 and 7-080			
c) Cams	see product system 1-095, 1-100, 1-262, 7-080 and 7-105			
c_1) 3-point cam	see product system 1-100 and 2-151			
d) Grounding/Earthing clip for handle with insert				**200-1101.04**
d_1) Grounding/Earthing clip for handle with cylinder				**200-1103.04**
* With stainless dust-shutter				

Quarter-Turn with high-quality Bowed Handle SNAP-LINE with cylinder or insert.

- The Housing for cylinder or insert can be turned by 90° and the handle can be used for RH/LH, horizontal and vertical applications.
- The handle can be equiped with cylinder or insert.
- The installation is effected by a simple push into appropriate cutouts.

- **Attention: H-dimension of the cam ≥ 14mm (0.551).**

- **Advice: In case of applying a cylinder the 3-point cam should not be used.**

Material:
- **Handle:** zinc die, matt chrome plated
- **Other surfaces on request.**
- **Housing:** zinc die
- **Snap wedges:** sintermetal, plated
- **Spring:** spring steel
- **Grounding/Earthing clip:** stainless steel
- **Cams:** refer to c) or c_1)
- **Screw:** steel, zinc plated

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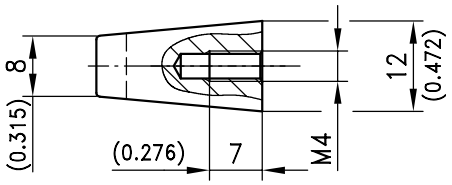
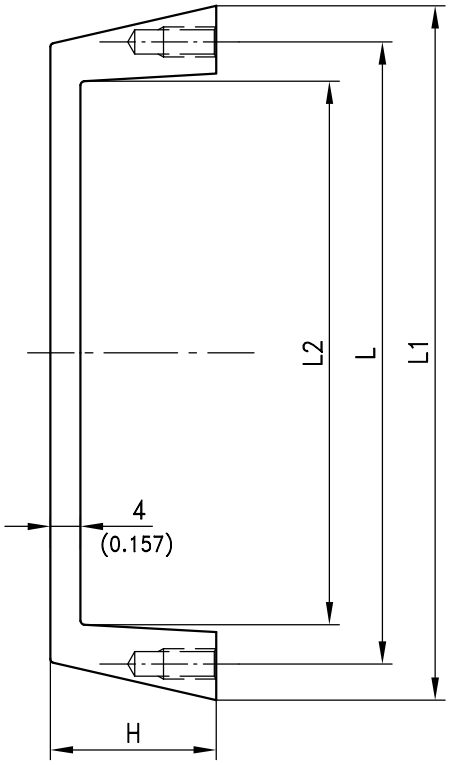
6-1131 Bridge Handle
Zinc die





Handle, Screw-on

Material:
- **Handle:** zinc die, chrome plated or black coated

Bridge Handle				zinc die,	zinc die,
L	L1	L2	H	chrome plated	black coated
81/3.189	97/3.819	72/2.835	22/0.866	**213-0303.31**	**213-0303.33**
95.5/3.760	106/4.173	85/3.346	24/0.945	**213-0302.31**	**213-0302.33**

DIRAK RoHS WEEE compliant

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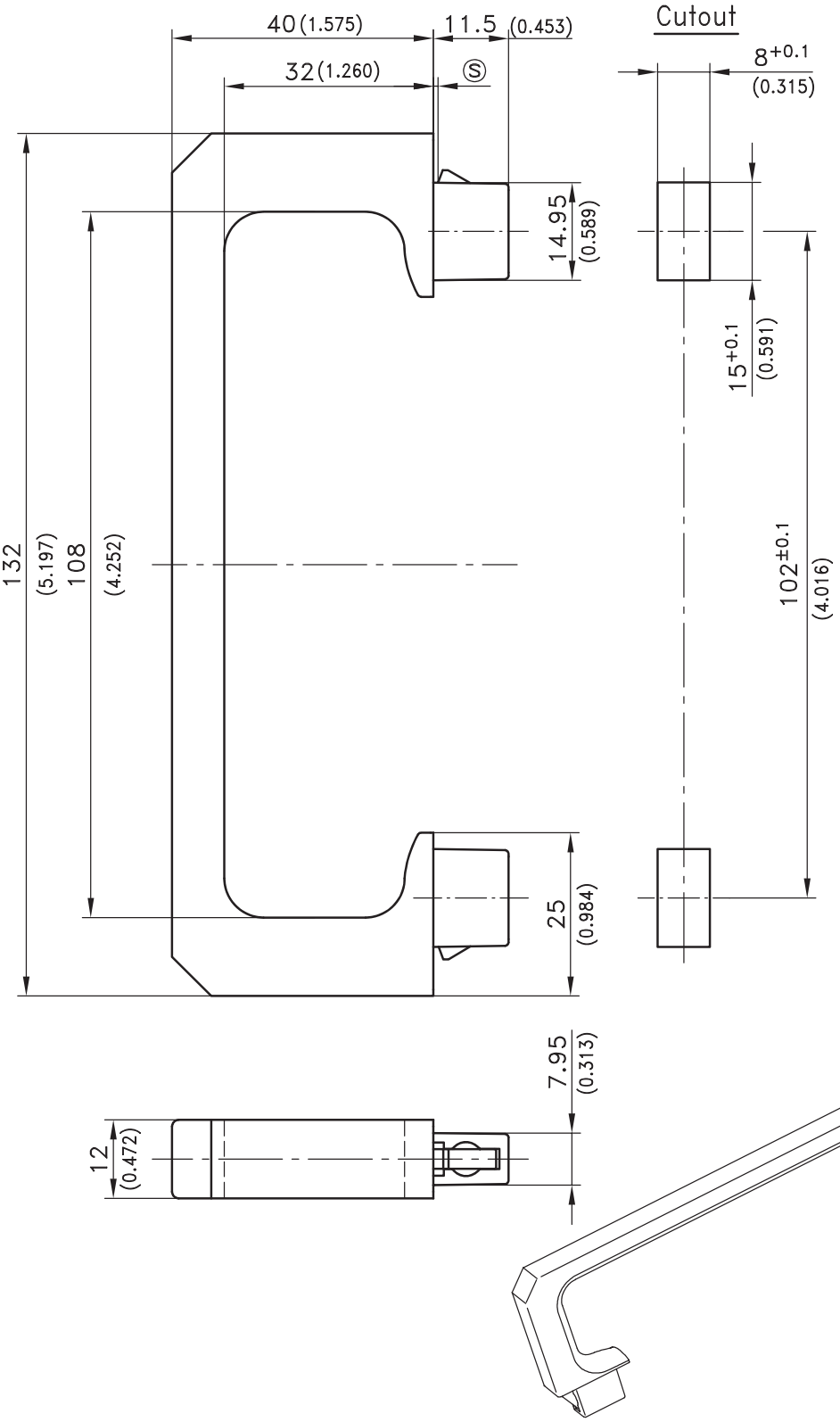
6-1132SL Bridge Handle SNAP-LINE



Bridge Handle, zinc die.

- Designed for vertical or horizontal uses.
- The closed surface makes this handle insensitive to dirt and easy to clean.
- The installation is effected by a simple push into appropriate cutouts.
- **Other surfaces on request.**

Material:

- **Handle:** zinc die, black
- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range Ⓢ	Part-No.
Handle 132mm	0.8 - 1.5	**413-9012.00-00015**
	1.3 - 2.0	**413-9012.00-00020**
	1.5 - 2.2	**413-9012.00-00022**
	1.8 - 2.5	**413-9012.00-00025**

Other Ⓢ - dimensions on request!

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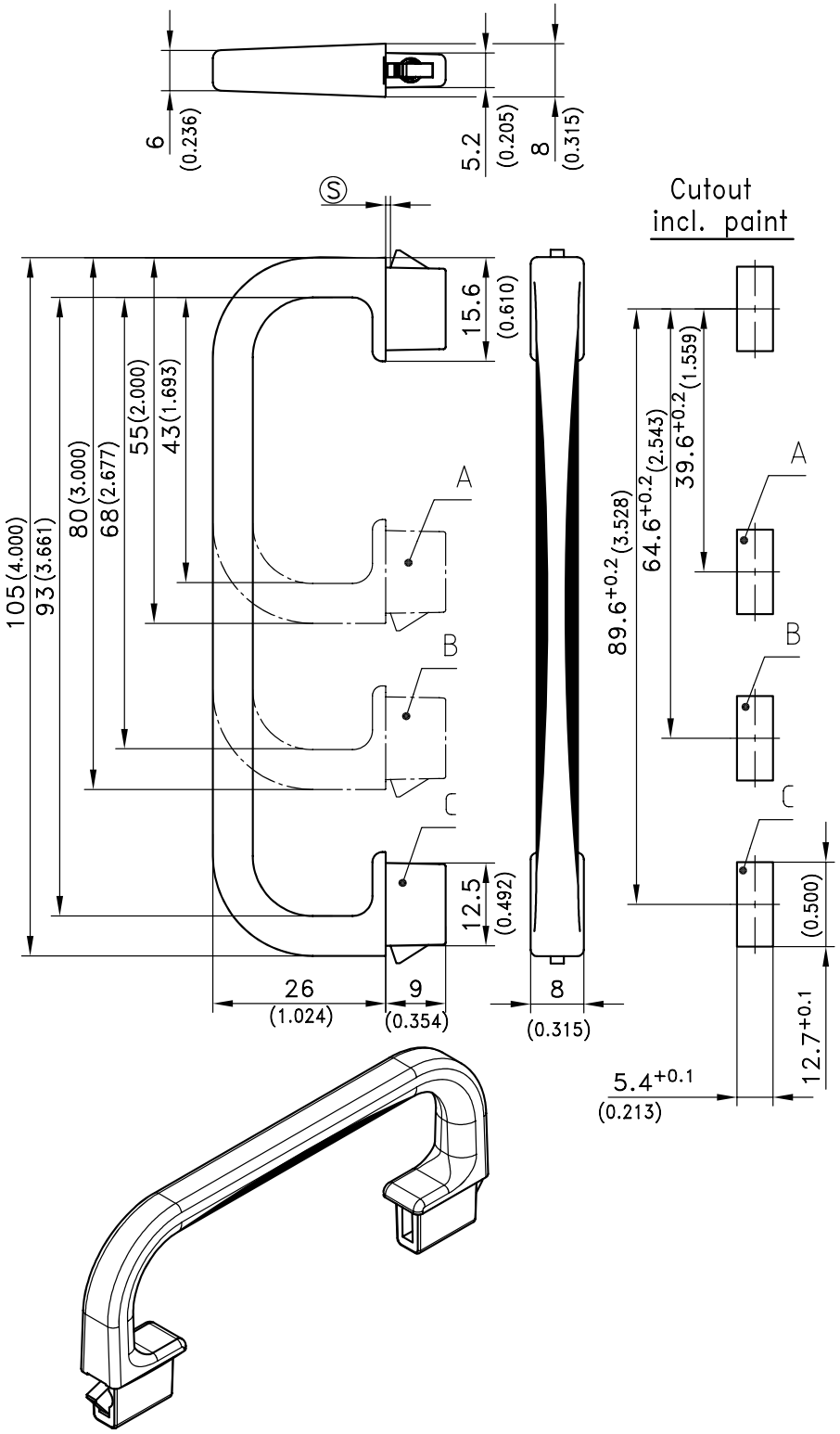
6-1133SL Bridge Handle SNAP-LINE
OMICRON



Elegant Bridge Handle in different lengths.

- This Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- The installation is effected by a simple push into appropriate cutouts.

Material:

- **Bridge Handle:** Zinc die
- **Surface:** matt chrome plated
- **Other surfaces on request!**
- **Snap wedges:** sindered steel
- **Spring:** spring steel

	Bridge Handle A 2”	Bridge Handle B 3”	Bridge Handle C 4”
clamping range Ⓢ	52(2.047) / 43(1.693)	77(3.031) / 68(2.677)	102(4.016) / 93(3.661)
0.6 - 0.9	**413-9013.40-00609**	**413-9014.40-00609**	**413-9015.40-00609**
0.8 - 1.1	**413-9013.40-00811**	**413-9014.40-00811**	**413-9015.40-00811**
1.2 - 1.5	**413-9013.40-01215**	**413-9014.40-01215**	**413-9015.40-01215**
1.8 - 2.1	**413-9013.40-01821**	**413-9014.40-01821**	**413-9015.40-01821**
2.2 - 2.5	**413-9013.40-02225**	**413-9014.40-02225**	**413-9015.40-02225**

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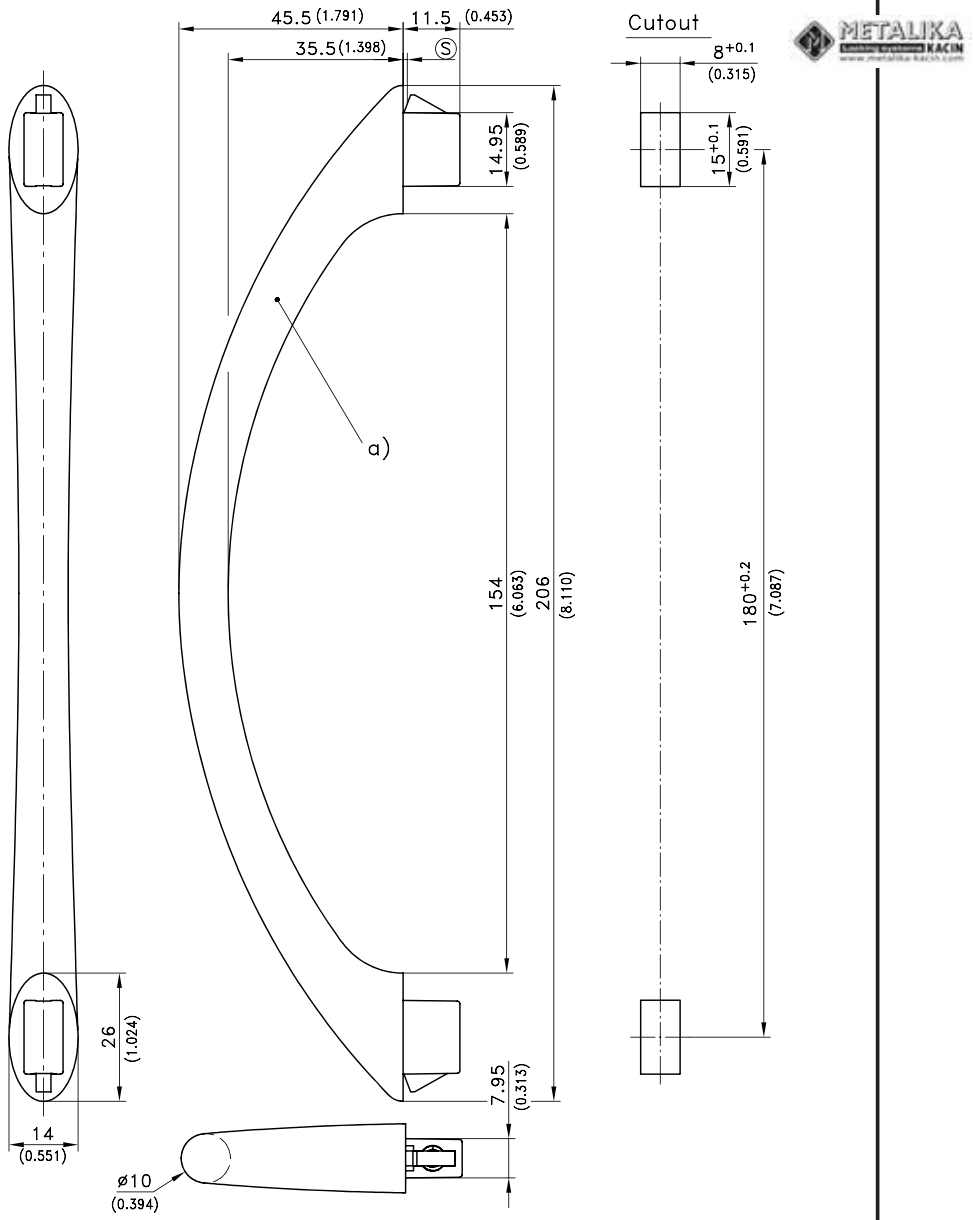
6-1171SL Bowed Handle SNAP-LINE



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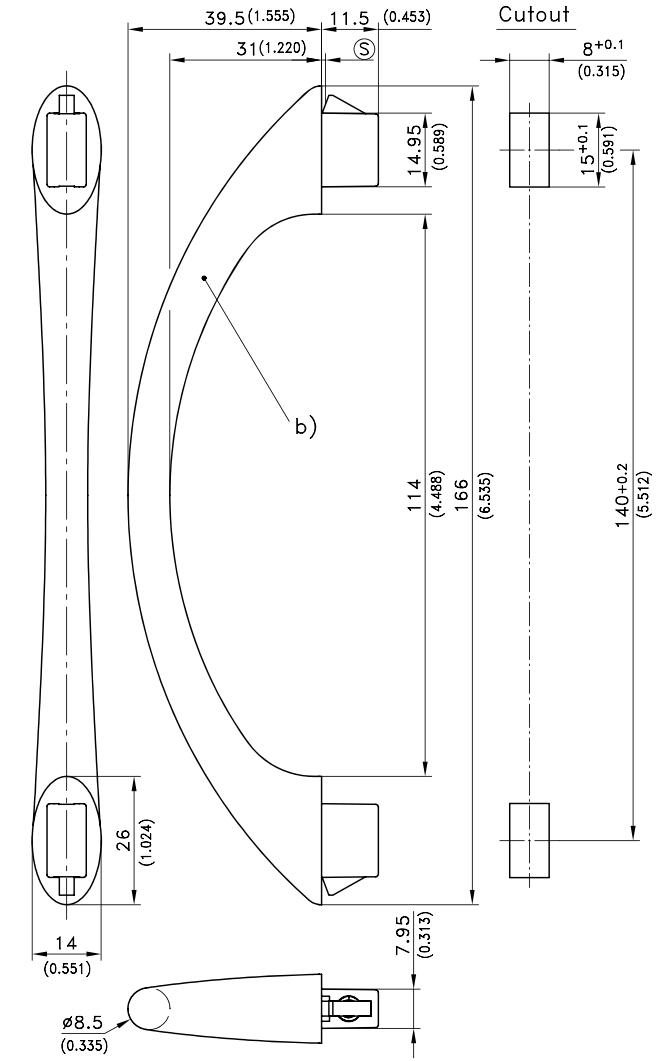
6-1171SL Bowed Handle SNAP-LINE



Elegant Bowed Handle, surfaces matt chrome plated.

- Designed for vertical or horizontal uses.
- **Other surfaces on request.**
- The installation is effected by a simple push into appropriate cutouts.

Material:

- **Handle:** zinc die, matt chrome plated
- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range Ⓢ	Part No.
Bow-Handle a)	0.8 - 1.5	**413-9018.00-00815**
	1.3 - 2.0	**413-9018.00-01320**
	1.5 - 2.2	**413-9018.00-01522**
Bow-Handle b)	0.8 - 1.5	**413-9017.00-00815**
	1.3 - 2.0	**413-9017.00-01320**
	1.5 - 2.2	**413-9017.00-01522**

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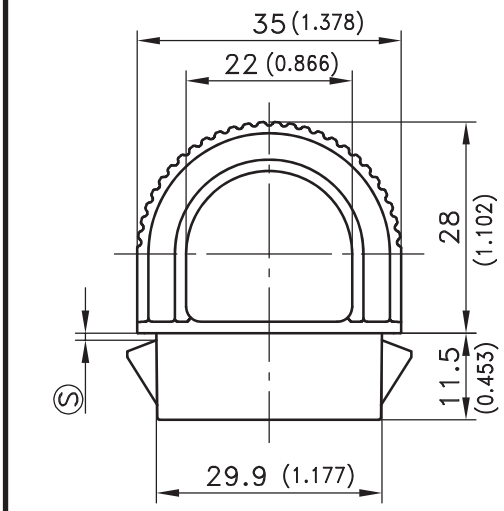
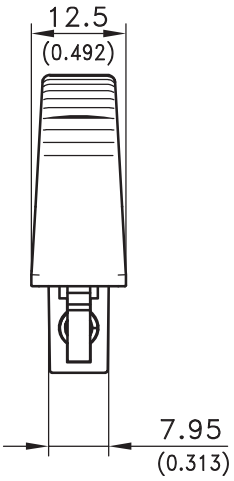
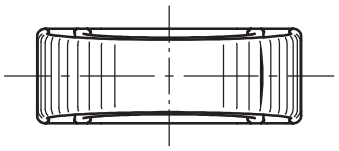
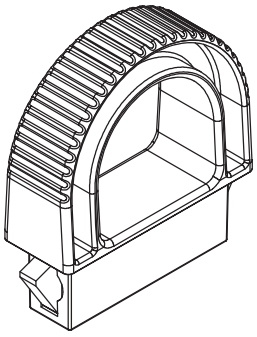
6-1200.01SL Finger Pull Handle SNAP-LINE

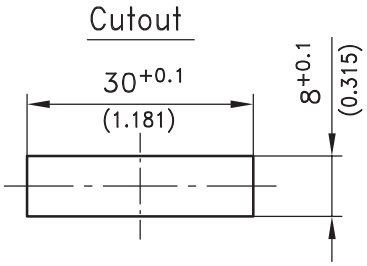
OMEGA











OMEGA small finger pull handles SNAP-LINE.

- The Finger Pull Handles are suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Installation by a simple push into the cutout.
- Reinforcement plate for thin-walled sheets and for higher loads: 292-0702.15-01030.
- Tool for uninstallation: 292-0306.80-02530.

Material:

- **OMEGA:** PA, black or zinc die, matt chrome plated

Other surfaces on request

- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range Ⓢ	PA, black	zinc die, matt chrome plated
OMEGA	0.8 - 1.5	**413-9001.00-00015**	**413-9008.00-00015**
	1.3 - 2.0	**413-9001.00-00020**	**413-9008.00-00020**
	1.5 - 2.2	**413-9001.00-00022**	**413-9008.00-00022**
	2.0 - 2.7	**on request**	**on request**

Other Ⓢ - dimensions on request

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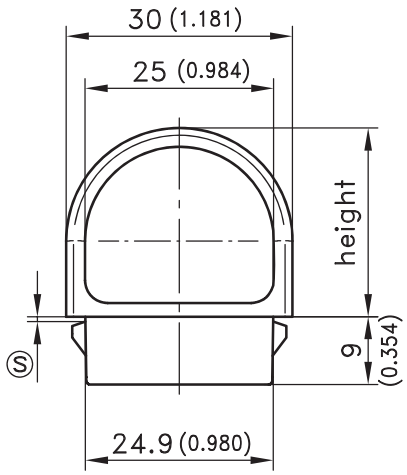
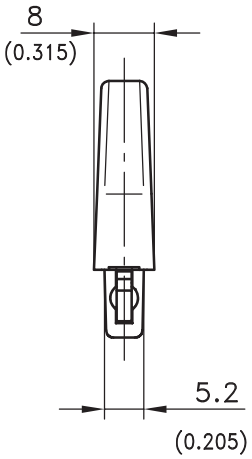
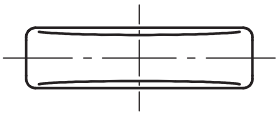
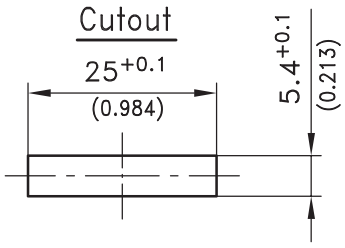
6-1200.02SL Finger Pull Handle SNAP-LINE

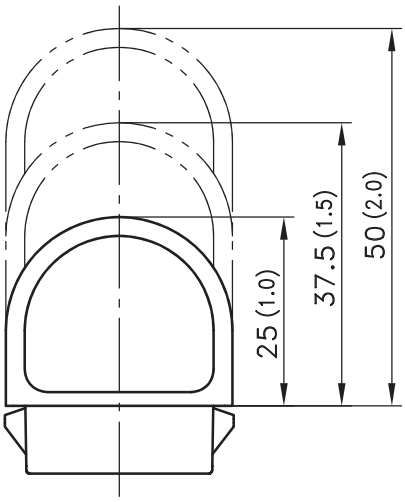
OMICRON

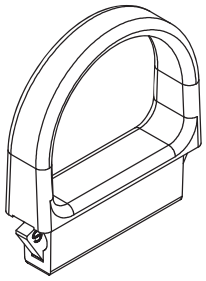












OMEGA small finger pull handles SNAP-LINE.

- The Finger Pull Handles are suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Installation by a simple push into the cutout.
- Tool for uninstallation: 292-0306.80-02530.

Material:

- **OMICRON:** zinc die, matt chrome plated

Other surfaces on request

- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range Ⓢ	height 1.0“	height 1.5“	height 2.0“
OMICRON	0.6 - 0.9	**413-9009.40-00609**	**413-9010.40-00609**	**on request**
	0.8 - 1.1	**413-9009.40-00811**	**413-9010.40-00811**	**on request**
	1.2 - 1.5	**413-9009.40-01215**	**413-9010.40-01215**	**on request**
	1.8 - 2.1	**413-9009.40-01821**	**413-9010.40-01821**	**on request**
	2.2 - 2.5	**413-9009.40-02225**	**413-9010.40-02225**	**on request**
	2.4 - 2.7	**413-9009.40-02427**	**413-9010.40-02427**	**on request**

Other Ⓢ - dimensions on request!

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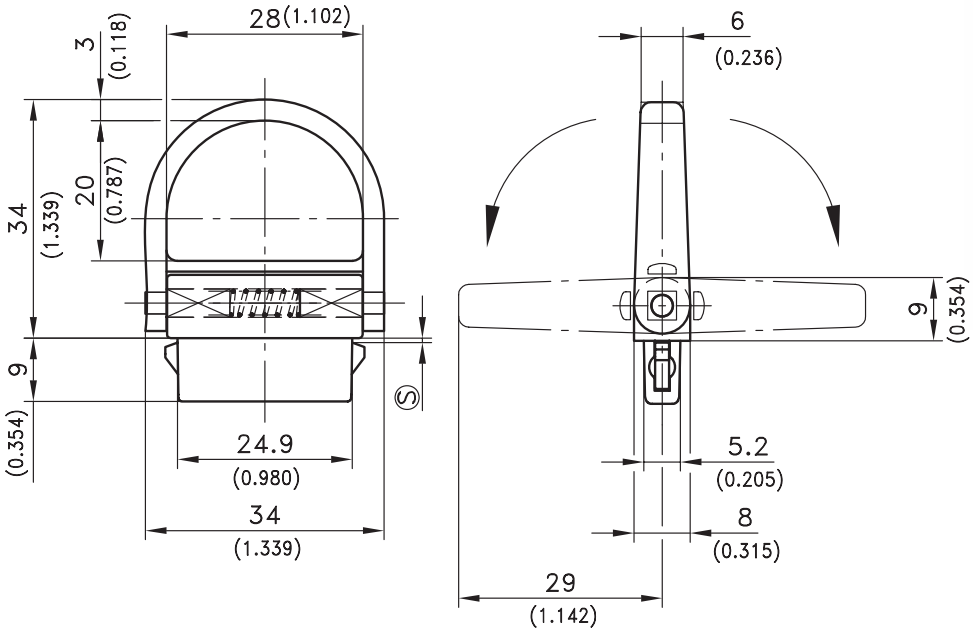
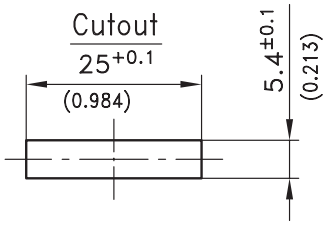
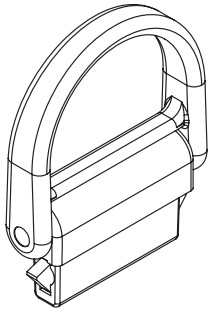
6-1300SL Finger Pull Handle SNAP-LINE







Finger pull sideways folding.

- Small space requirement.
- This Finger Pull Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Installation by a simple push into the cutout.
- Tool for uninstallation: 292-0306.80-02530.

Material:

- **Handle- and SNAP-part:** zinc die, matt chrome plated
- **Pin:** steel, zinc plated
- **Spring:** spring steel, zinc plated

Other surfaces on request!

- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range (s)	Part-No.
Folding Finger Pull Handle	0.8 - 1.1	**413-9016.00-00811**
	1.2 - 1.5	**413-9016.00-01215**
	1.8 - 2.1	**413-9016.00-01821**
	2.2 - 2.5	**413-9016.00-02225**

Other (s) - dimensions on request!

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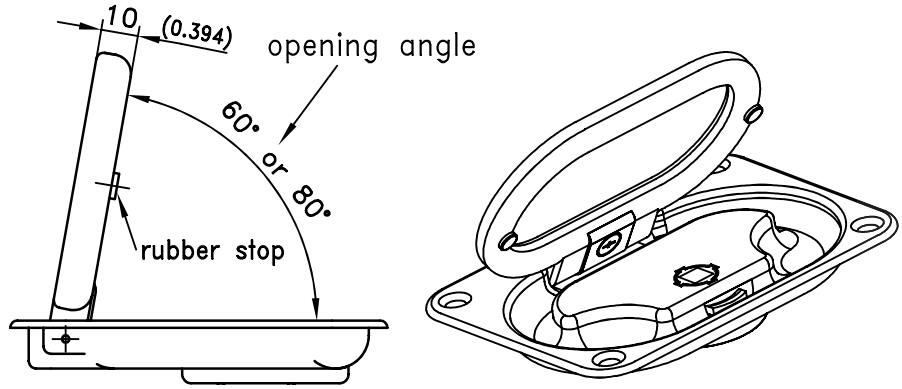
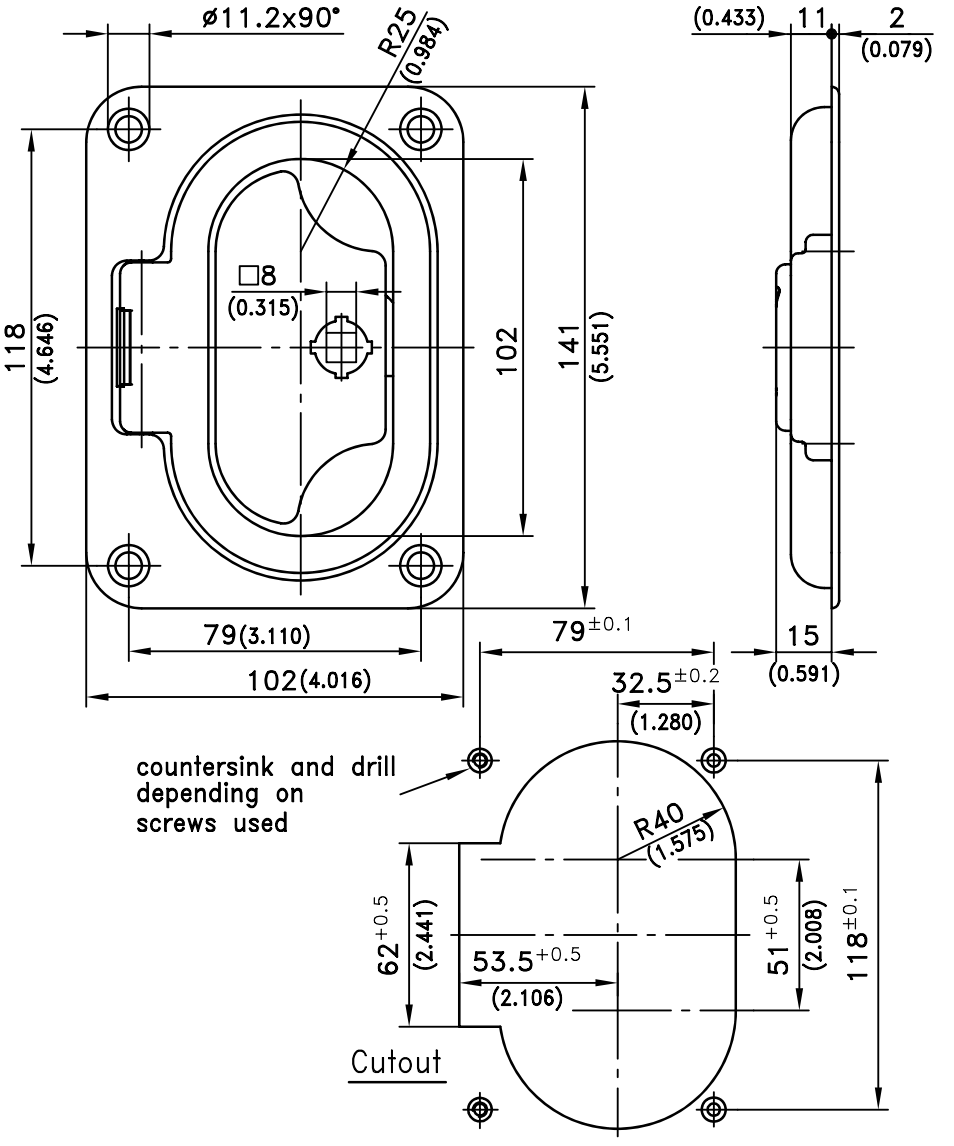
6-1380 Hinged Recessed Handle

Zinc die





Flush-mounted Hinged, Recessed Handle.

- Zinc die with or without lock and opening angle about 60° or 80°.
- A low overall depth!
- Horizontal and vertical application.
- The vibration proof construction makes it possible to use this flush-mounted handle also in special areas such as road vehicles and railcars / wagons.
- Unauthorized activation of the recessed hinged handle is prevented by an integrated safety Quarter-Turn, which is operated by means of a fastener key. This security feature is enhanced by the flush construction, which also prevents accumulation of dirt due to the completely closed housing surface.
- Weight 510g
  Material properties on request.

Material:

- **Hinged, recessed handle:** zinc die, chrome plated or black coated

	Opening angle	
Hinge recessed handle, chrome plated	**60°**	**80°**
with lock	**213-9101.00-00060**	**213-9101.00-00080**
without lock	**213-9001.00-00060**	**213-9001.00-00080**
Hinge recessed handle, black coated		
with lock	**213-9102.00-00060**	**213-9102.00-00080**
without lock	**213-9002.00-00060**	**213-9002.00-00080**

Zinc die keys please refer to product system 6-100

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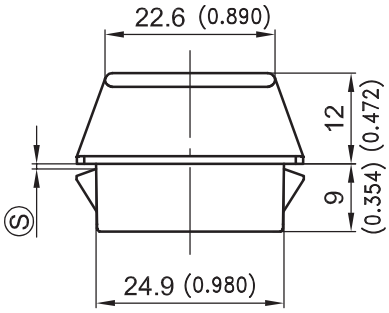
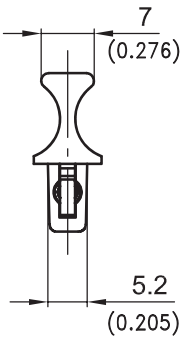
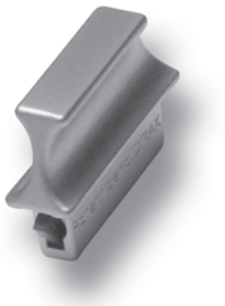
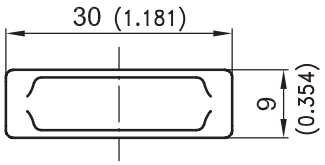
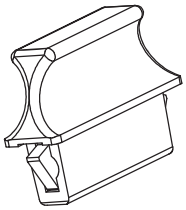
6-1500.01SL Grip Handle 25x5.4 SNAP-LINE

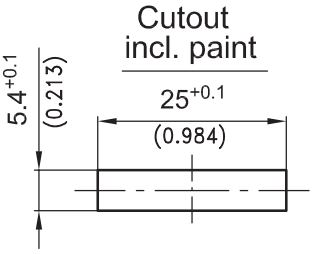












Elegant flat grip handle.

- This Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Small space requirement.
- Designed for vertical or horizontal uses.
- To be mounted by a simple push into the appropriate cutout.

Material:

- **Grip handle:** zinc die, matt chrome plated

Other surfaces on request.

- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range Ⓢ	Part No.
Grip Handle	0.6 - 0.9	**413-9201.00-00609**
	0.8 - 1.1	**413-9201.00-00811**
	1.2 - 1.5	**413-9201.00-01215**
	1.8 - 2.1	**413-9201.00-01821**
	2.2 - 2.5	**413-9201.00-02225**
Other Ⓢ- dimensions on request!		

Tool for uninstallation	**292-0306.80-02530**

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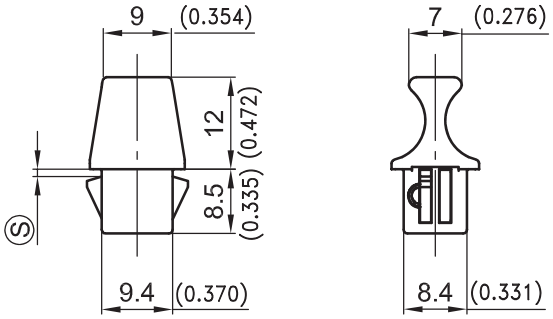
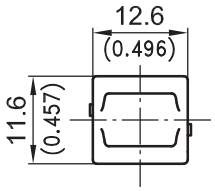
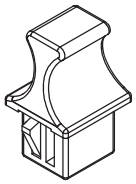
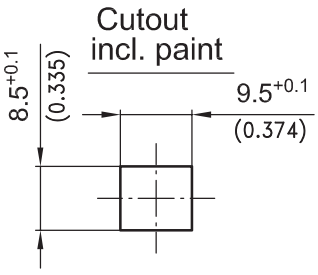
6-1500.02SL Grip Handle 9.5x8.5 SNAP-LINE









Elegant flat grip handle.

- This Handle is suitable for the computer industry, 19“ technology, insertions and equipments and other applications.
- Small space requirement.
- Designed for vertical or horizontal uses.
- To be mounted by a simple push into the appropriate cutout.

Material:

- **Grip handle:** zinc die, matt chrome plated or zinc die, black E-COATED
- **Snap wedges:** sintered steel
- **Spring:** spring steel

	clamping range Ⓢ	zinc die, matt chrome plated	zinc die, black E-COATED
Grip Handle	0.8 - 1.0	**413-9202.00-00810**	**413-9203.00-00810**
	1.1 - 1.3	**413-9202.00-01113**	**413-9203.00-01113**
	1.2 - 1.5	**413-9202.00-01215**	**413-9203.00-01215**
	2.0 - 2.2	**413-9202.00-02022**	**413-9203.00-02022**

Other Ⓢ - dimensions on request!

12/15/08

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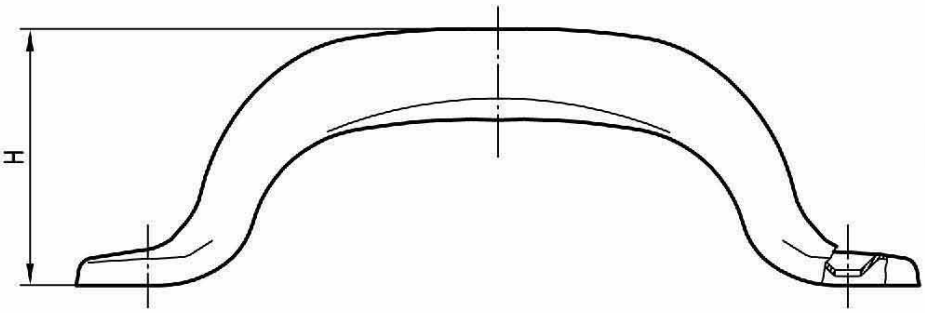
DIRAK GmbH - Königsfelder Str. 1 - D-58256 Ennepetal - Phone: +49 (0) 2333/837-0 - Fax: +49 (0) 2333/837-100

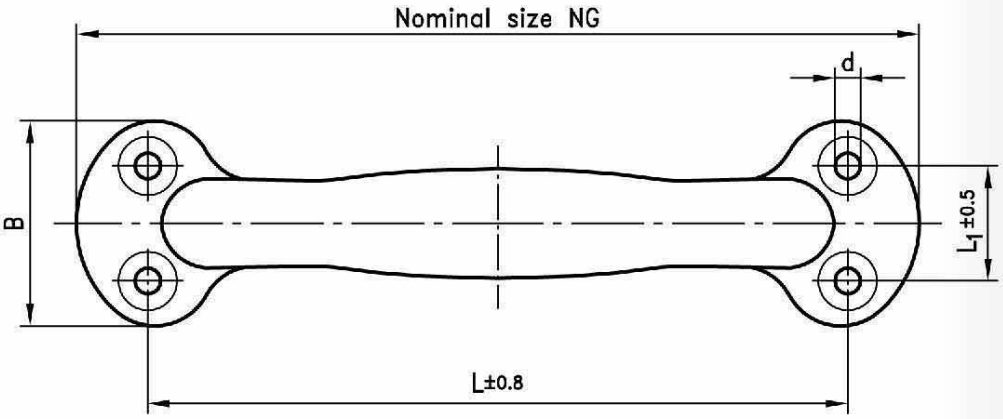
Hollow Handle



Steel hollow handles with different finishes.

Material:

- steel not plated, nickel plated or black coated



	Dimensions						Surface		
	NG	H	B	d	L	L_1	not plated	nickel plated	black coated
mm	**75**	25	18	3.0	62	10	**213-0601.00**	**213-0601.01**	**213-0601.02**
inch	2.953	0.984	0.709	0.118	2.441	0.394			
mm	**90**	28	24	3.2	75	12	**213-0602.00**	**213-0602.01**	**213-0602.02**
inch	3.543	1.102	0.945	0.126	2.953	0.472			
mm	**115**	35	28	3.5	95	15	**213-0603.00**	**213-0603.01**	**213-0603.02**
inch	4.528	1.378	1.102	0.138	3.740	0.591			
mm	**125**	36	30	3.5	106	16	**213-0604.00**	**213-0604.01**	**213-0604.02**
inch	4.921	1.417	1.181	0.138	4.173	0.630			
mm	**140**	38	32	3.8	120	17	**213-0605.00**	**213-0605.01**	**213-0605.02**
inch	5.512	1.496	1.260	0.150	4.724	0.669			
mm	**165**	42	37	4.0	141	19	**213-0606.00**	**213-0606.01**	**213-0606.02**
inch	6.496	1.654	1.457	0.157	5.551	0.748			
mm	**200**	50	45	5.0	167	24	**213-0607.00**	**213-0607.01**	**213-0607.02**
inch	7.874	1.969	1.772	0.197	6.575	0.945			

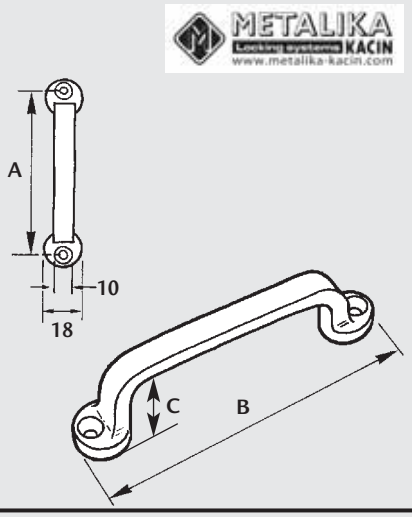
Other materials and surfaces on request

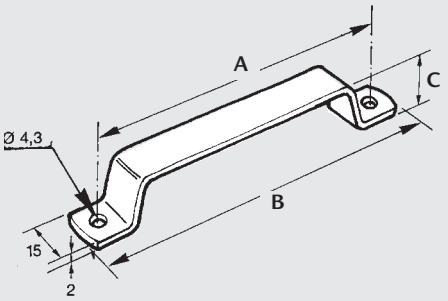
CONCEPTION
ET FABRICATION
DE PIÈCES SPÉCIALES
SUR DEMANDE

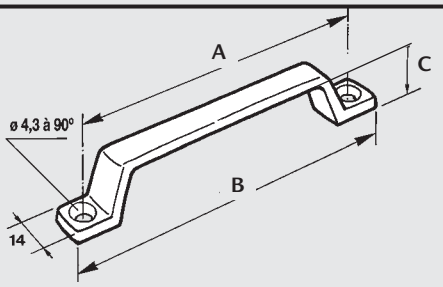
14. POIGNÉES

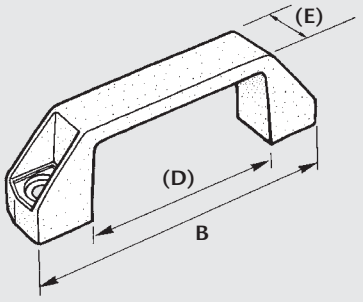
HANDLES
GRIFFE

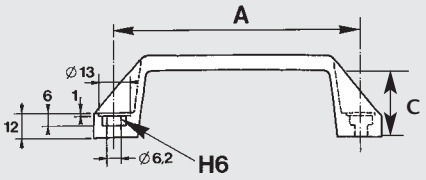
POIGNÉES À FIXATION AVANT *FRONT MOUNT HANDLES* GRIFFE MIT VORDERSEITIGER BEFESTIGUNG	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
A x B x C 88 x 100 x 20	**19-7-3693**	inox 304	poli miroir	68,5 g
Avec vis à bois - *With wood screws* - Mit Schauben für Holz				
A x B x C 107 x 120 x 21	**19-1-3797**	inox 304	ébavuré	32 g
107 x 120 x 21	**19-1-3807**	acier	galvanisé	32 g
A x B x C 107 x 120 x 18	**19-7-3639**	zamak	chromé	40 g
A x B x C x D x E 122 x 142 x 33 x 98 x 26	**87-7-2201**	polyamide	noir mat	40 g
150 x 170 x 42 x 120 x 26	**87-7-2203**	polyamide	noir mat	75 g
Pour vis tête hexagonale. - *For hexagonal head screw.* - Für Sechskantkopfschrauben.				









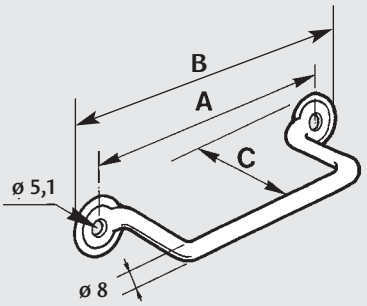


POIGNÉES À FIXATION AVANT

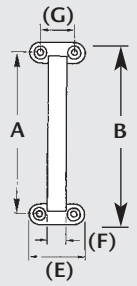
FRONT MOUNT HANDLES

GRIFFE MIT VORDERSEITIGER BEFESTIGUNG

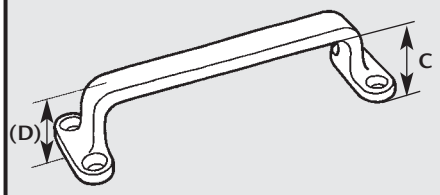
A x B x C	numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
125 x 140 x 30	**19-7-3342**	acier	brut	68 g
	19-7-3343	acier	zingué blanc	68 g



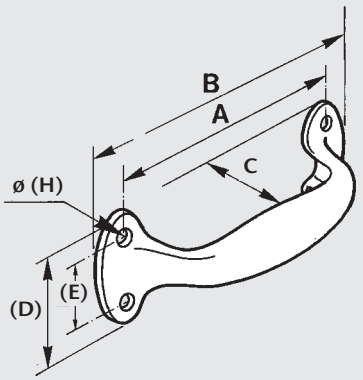
A x B x C x D x E x F x G				
106 x 120 x 20 x 27 x 36 x 12 x 24	**19-7-3694**	inox 304	poli miroir	131 g
132 x 150 x 25 x 33 x 45 x 15 x 30	**19-7-3695**	inox 304	poli miroir	242 g



Avec vis à bois - *With wood screws* - Mit Schauben für Holz

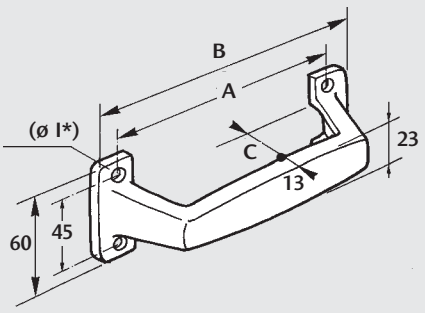


A x B x C x D x E x H				
124 x 143 x 26 x 36 x 16 x 4	**19-7-3303**	acier	brut	37 g
	19-7-3305	acier	laitonné	37 g
	19-7-3307	acier	nickelé	37 g
137 x 158 x 26 x 36 x 20 x 5	**19-7-3304**	acier	brut	49 g
	19-7-3306	acier	laitonné	49 g
	19-7-3308	acier	nickelé	49 g

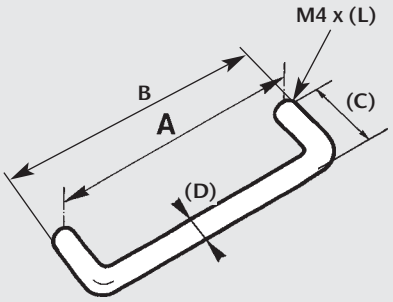


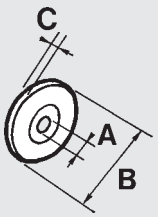
A x B x C x I				
146 x 172 x 35 x 4	**19-7-3432**	plastique	chromé	47 g

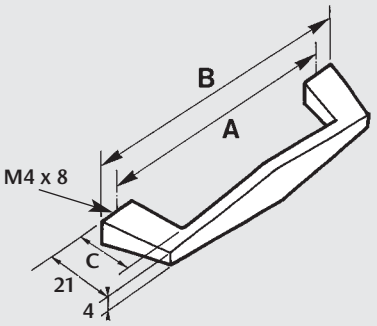
*** Pour vis ø I -** *For screws ø I* - Für Schrauben ø I

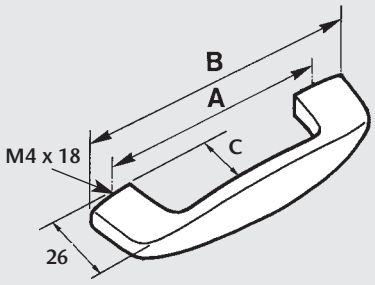


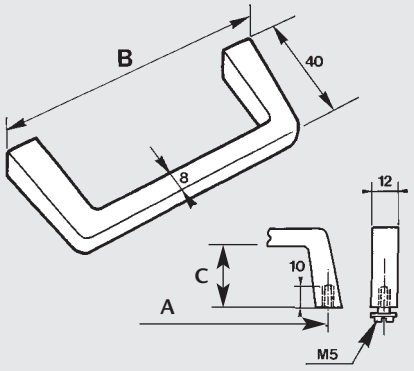
POIGNÉES À FIXATION ARRIÈRE *REAR MOUNT HANDLES* GRIFFE MIT RÜCKSEITIGER BEFESTIGUNG	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
POIGNÉE TARAUDAGE M4 *INTERNAL SCREW THREAD M4* GRIFF MIT INNENGEWINDE M4				
A x B x C x D x L				
52 x 60 x 34 x 8 x 10	19-7-3683	alu	anodisé incolore	14 g
80 x 88 x 34 x 8 x 12	19-7-3684	alu	anodisé incolore	17 g
100 x 108 x 34 x 8 x 12	19-7-3685	alu	anodisé incolore	20 g
120 x 128 x 34 x 8 x 10	19-7-3686	alu	anodisé incolore	23 g
100 x 108 x 30 x 7 x 8	19-7-3409 19-7-3410 19-7-3411	alu laiton laiton	poli chromé nickelé	14 g 44 g 44 g
RONDELLE POUR POIGNÉE FIL Ø 7 *WASHER FOR HANDLE Ø 7* UNTERLEGSCHEIBE FÜR DRAHTGRIFF Ø 7				
A x B x C				
4 x 20 x 1	19-1-3421 19-1-3422	alu laiton	poli chromé	1 g 2 g
POIGNÉE TARAUDAGE M4 *INTERNAL SCREW THREAD M4* GRIFF MIT INNENGEWINDE M4				
A x B x C				
80 x 93 x 17	19-7-3399	zamak	chromé	21,2 g
POIGNÉE TARAUDAGE M4 *INTERNAL SCREW THREAD M4* GRIFF MIT INNENGEWINDE M4				
A x B x C				
85 x 120 x 20	19-7-3391	zamak	chromé	68 g
POIGNÉE TARAUDAGE M5 *INTERNAL SCREW THREAD M5* GRIFF MIT INNENGEWINDE M5				
A x B x C				
88 x 102 x 32	19-7-3644	alu	noir mat	50 g
120 x 134 x 32	19-7-3645	alu	noir mat	60 g
180 x 194 x 32	19-7-3669	alu	noir mat	80 g





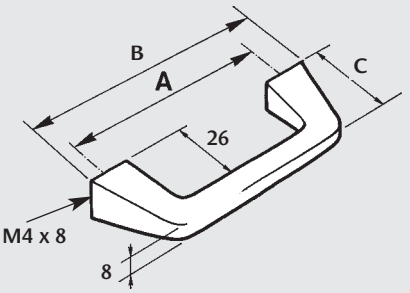


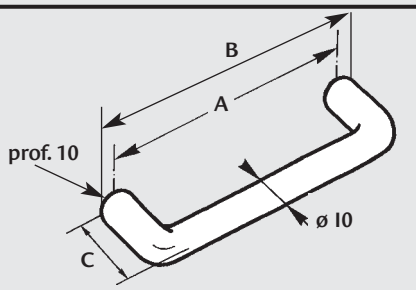


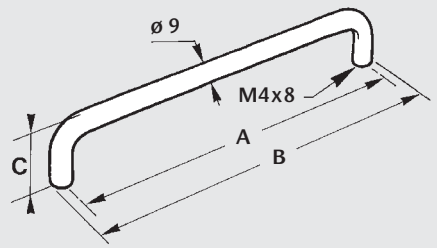


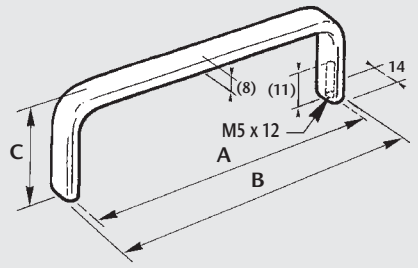
POIGNÉES À FIXATION ARRIÈRE
REAR MOUNT HANDLES
GRIFFE MIT RÜCKSEITIGER BEFESTIGUNG

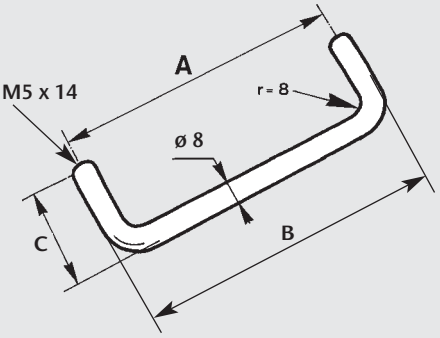
		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
POIGNÉE TARAUDAGE M4 *INTERNAL SCREW THREAD M4* GRIFF MIT INNENGEWINDE M4 A x B x C					
90 x 99 x 33		**19-7-3426**	zamak	chromé	52,5 g
POIGNÉE *HANDLE* GRIFF A x B x C					
92 x 102 x 32	Taraudage M5	**19-1-3425**	alu	poli	26 g
108 x 118 x 39	Taraudage M4	**19-1-3672**	alu	poli	30,4 g
A x B x C					
150 x 159 x 28		**19-7-3699**	inox 304	brut	103 g
120 x 129 x 28		**19-7-3700**	inox 304	brut	88 g
95 x 104 x 28		**19-7-3701**	inox 304	brut	76 g
Avec vis M4 - *With screws M4* - Mit Schauben M4					
A x B x C					
92 x 100 x 32		**19-1-3833**	inox 316	poli miroir	120 g
100 x 108 x 40		**19-7-3696**	inox 304	poli miroir	120 g
110 x 118 x 40		**19-1-3834**	inox 316	poli miroir	120 g
150 x 158 x 50		**19-7-3697**	inox 304	poli miroir	174 g
200 x 208 x 50		**19-7-3698**	inox 304	poli miroir	210 g
Avec vis M5 - *With screws M5* - Mit Schauben M5					
POIGNÉE TARAUDAGE M5 *INTERNAL SCREW THREAD M5* GRIFF MIT INNENGEWINDE M5 A x B x C					
102 x 110 x 38		**19-1-3569**	acier	chromé	70 g
153 x 161 x 38		**19-1-3570**	acier	chromé	90 g
204 x 212 x 38		**19-1-3571**	acier	chromé	105 g
EMBASE *COLLAR* TRAGRING 8 x 16		**19-1-3572**	laiton	chromé	10 g

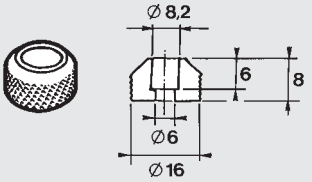




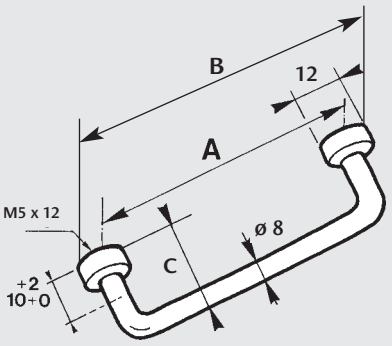


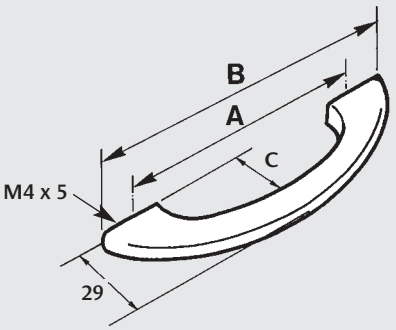


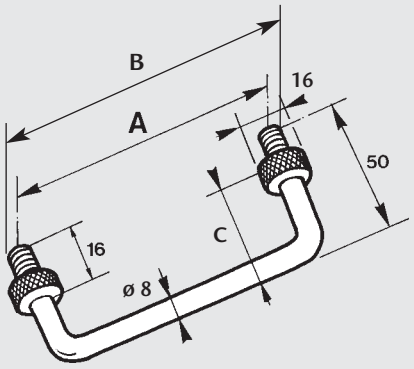


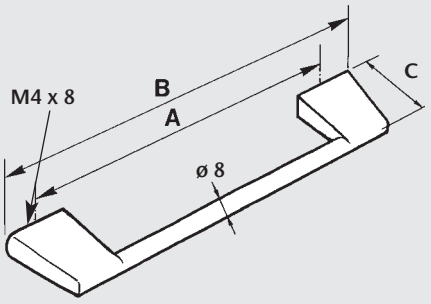


POIGNÉES À FIXATION ARRIÈRE *REAR MOUNT HANDLES* GRIFFE MIT RÜCKSEITIGER BEFESTIGUNG	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
POIGNÉE TARAUDAGE M5 *INTERNAL SCREW THREAD M5* GRIFF MIT INNENGEWINDE M5 A x B x C 110 x 122 x 35	19-1-3424	inox 304	poli	61 g
POIGNÉE TARAUDAGE M4 *INTERNAL SCREW THREAD M4* GRIFF MIT INNENGEWINDE M4 A x B x C 111 x 145 x 21	19-7-3527	zamak	chromé	54,8 g
POIGNÉE FILETÉE M8 *THREADED HANDLE M8* GRIFF MIT SCHRAUBENGEWINDE M8 A x B x C 160 x 168 x 40	19-1-3390	laiton	chromé	113,7 g
POIGNÉE TARAUDAGE M4 *INTERNAL SCREW THREAD M4* GRIFF MIT INNENGEWINDE M4 A x B x C 160 x 173 x 26	19-7-3385 19-7-3387	zamak zamak	chromé noir mat	84 g 84 g





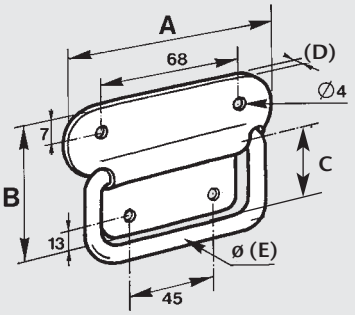




POIGNÉES ABATTANTES
DROP HANDLES
FALLGRIFFE

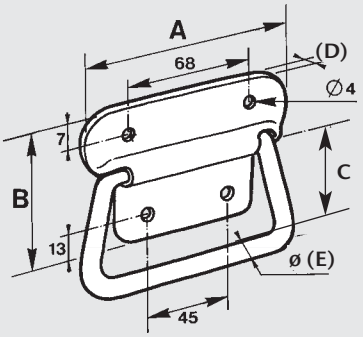
A x B x C x D x E		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
96 x 54 x 40 x 1 x 6	non percée**	19-7-3339	acier	brut	77 g
96 x 54 x 40 x 1 x 6	percée*	19-7-3637	acier	zingué blanc	77 g

Charge maxi : 25 kg - *Maximal load : 25 kg* - Höchstbelastung : 25 kg
Cette poignée s'ouvre à 80° - *80° swing* - Dieser Griff öffnet bis 80°



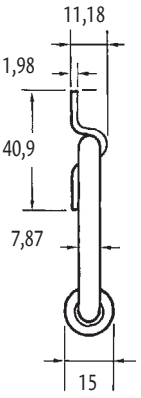
A x B x C x D x E		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
96 x 54 x 54 x 1,2 x 6	non percée**	19-7-3340	acier	brut	107 g
96 x 54 x 54 x 1,2 x 6	percée*	19-7-3633	acier	zingué blanc	107 g

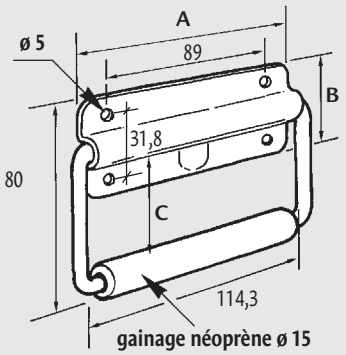
Charge maxi : 25 kg - *Maximal load : 25 kg* - Höchstbelastung : 25 kg
Cette poignée s'ouvre à 80° - *80° swing* - Dieser Griff öffnet bis 80°



A x B x C		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
111,8 x 80 x 98,1	Charge maxi : 68 kg	19-7-3706	acier	zingué	227 g
	Charge maxi : 68 kg	19-7-3707	inox	brut	227 g

Cette poignée s'ouvre à 180° - *180° swing* - Dieser Griff öffnet bis 180°

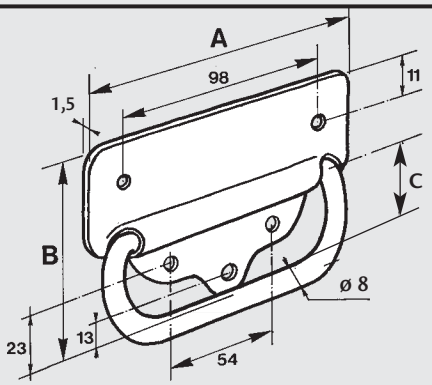




gainage néoprène ø 15
neoprene grip ø 15
Neoprenummantelung ø 15

A x B x C		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
125 x 73 x 42	non percée**	19-7-3341	acier	brut	180 g
125 x 73 x 42	percée*	19-7-3638	acier	zingué blanc	180 g

Charge maxi : 60 kg - *Maximal load : 60 kg* - Höchstbelastung : 60 kg
Cette poignée s'ouvre à 80° - *80° swing* - Dieser Griff öffnet bis 80°

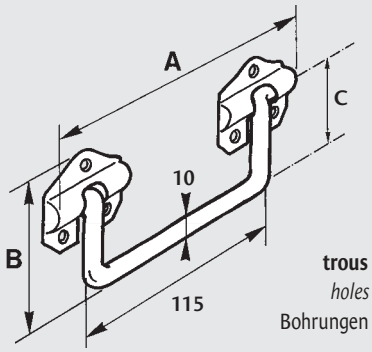


*** percée -** *drilled* - gebohrt. **** non percée -** *undrilled* - ungebohrt.

POIGNÉES ABATTANTES
DROP HANDLES
FALLGRIFFE

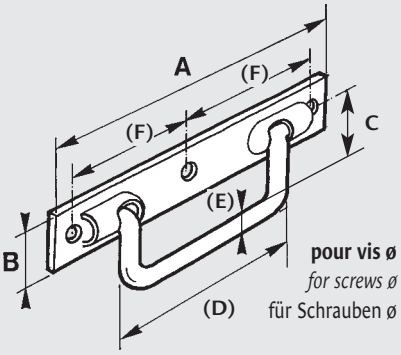
A x B x C	numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
140 x 85 x 58	19-7-3332	acier	brut	205,5 g
	19-7-3648	acier	zingué blanc	205,5 g

Charge : 60 kg
Load : 60 kg
Last : 60 kg



trous ø 6
holes ø 6
Bohrungen ø 6

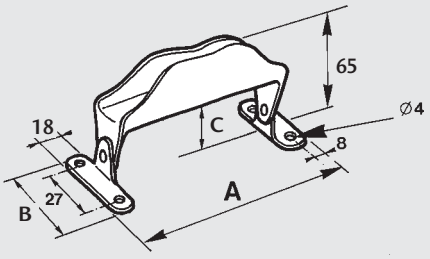
A x B x C x D x E x F x I				
142 x 25 x 25 x 74 x 7 x 60 x 4	19-7-3333	acier	brut	115 g
Charge : 35 kg – *Load : 35 kg* – Last : 35 kg				
160 x 25 x 26 x 95 x 5 x 69 x 4	19-7-3334	acier	brut	142 g
Charge : 45 kg – *Load : 45 kg* – Last : 45 kg				
187 x 25 x 28 x 109 x 8 x 81 x 4	19-7-3335	acier	brut	155 g
Charge : 45 kg – *Load : 45 kg* – Last : 45 kg				
142 x 25 x 25 x 74 x 7 x 60 x 4	19-7-3515	acier	zingué blanc	115 g
Charge : 35 kg – *Load : 35 kg* – Last : 35 kg				
160 x 25 x 26 x 93,5 x 8 x 69 x 4	19-7-3535	acier	zingué blanc	142 g
Charge : 45 kg – *Load : 45 kg* – Last : 45 kg				
160 x 30 x 23 x 85 x 7 x 65 x 4	19-7-3690	inox 304	brut	120 g
Angles chanfreinés. Charge : 35 kg – *Load : 35 kg* – Last : 35 kg				
187 x 25 x 28 x 109 x 8 x 81 x 4	19-7-3649	acier	zingué blanc	155 g
Charge : 45 kg – *Load : 45 kg* – Last : 45 kg				



pour vis ø I
for screws ø I
für Schrauben ø I

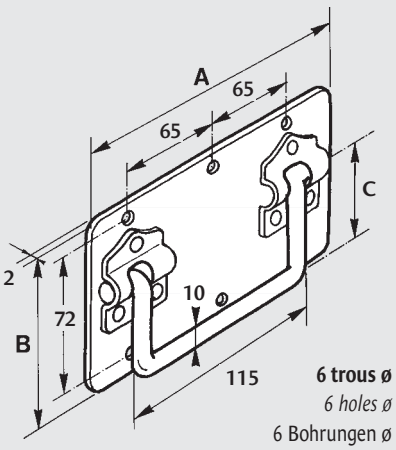
A x B x C					
158 x 42 x 38	non percée**	19-7-3336	acier	brut	145 g
158 x 42 x 38	percée*	19-7-3618	acier	zingué blanc	145 g

Charge : 30 kg - *Load : 30 kg* - Last : 30 kg



A x B x C				
170 x 100 x 58	19-7-3331	acier	brut	502 g
	19-7-3626	acier	zingué blanc	502 g

Charge : 60 kg
Load : 60 kg
Last : 60 kg



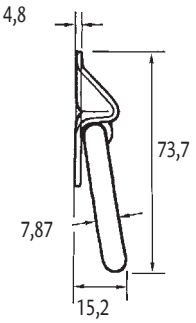
6 trous ø 6
6 holes ø 6
6 Bohrungen ø 6

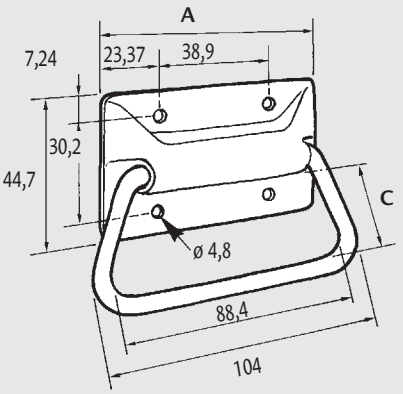
*** percée -** *drilled* - gebohrt. **** non percée -** *undrilled* - ungebohrt.

POIGNÉES ABATTANTES
DROP HANDLES
FALLGRIFFE

		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
POIGNÉE ABATTANTE *DROP HANDLE* FALLGRIFF A x C 85,6 x 36,1	Charge maxi : 90 kg	**19-7-3721**	acier	zingué	181 g

Cette poignée s'ouvre à 90°
90° swing
Dieser Griff öffnet bis 90°

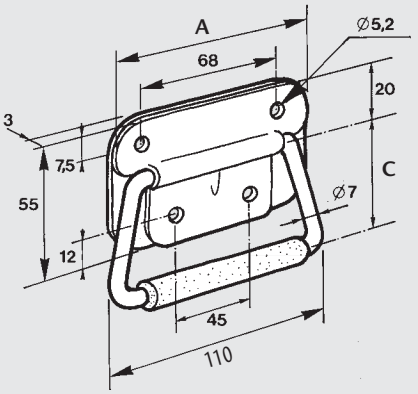




POIGNÉES ABATTANTES À RESSORT
SPRING FLAP-HANDLES
FEDERFALLGRIFFE

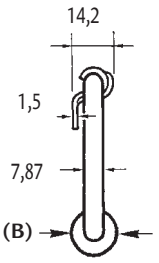
		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
POIGNÉE RESSORT À PRISE MOBILE *SPRING HANDLE* KISTENGRIFF A x C 98 x 59		**19-7-3641**	acier	*	210 g

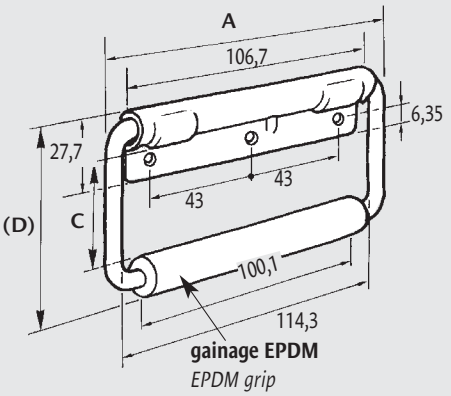
Charge maxi : 25 kg - *Maximal load : 25 kg* - Höchstbelastung : 25 kg
*** zingué bichromaté -** *bichromated galvanised* - verzinkt bichromatiert



POIGNÉES ABATTANTES À RESSORT *DROP HANDLES WITH SPRING* FEDERFALLGRIFF A x B x C x D 130 x 13,5 x 46 x 75,44	Charge maxi : 34 kg	**19-7-3710**	acier	époxy noir	227 g
	Charge maxi : 34 kg	**19-7-3711**	inox	passivé	227 g
A x B x C x D 130 x 19 x 43,2 x 78,5	Charge maxi : 45 kg	**19-7-3713**	acier	époxy noir	227 g
	Charge maxi : 45 kg	**19-7-3714**	inox	passivé	227 g

Cette poignée s'ouvre à 180°
180° swing
Dieser Griff öffnet bis 180°





gainage EPDM
EPDM grip
Ummantelung EPDM

POIGNÉES ABATTANTES À RESSORT
SPRING FLAP-HANDLES
FEDERFALLGRIFFE

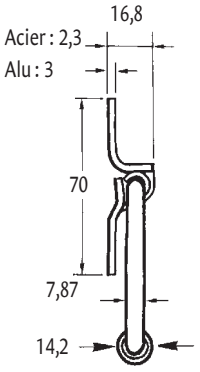
		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
POIGNÉES ABATTANTES À RESSORT *DROP HANDLES WITH SPRING* FEDERFALLGRIFF					
A x C					
114,3 x 50,8	Poignée inox brut	**19-7-3725**	inox	brut	317 g

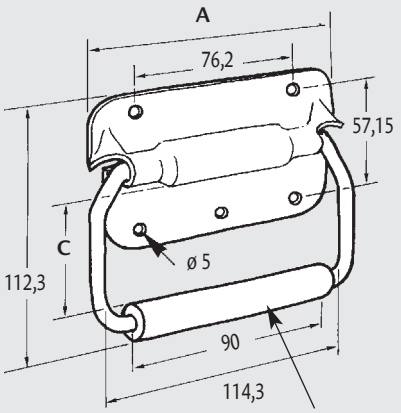
Charge maxi : 68 kg. Poignées gainées néoprène* avec manchon aluminium. Manutention facilitée. Répond aux spécifications MIL.T.945, MIL.C.4150

68 kg maxi load. Neoprene clad handles with aluminium sleeve. Easy handling. Meets MIL.T.945, MIL.C.4150 specifications.*

Maximale Last : 68 kg. Neopren* ummantelter Griff mit Aluminiummuffe. Erleichterte Handhabung. Entspricht den Vorschriften MILT.T.945, MIL.C.4150.

Cette poignée s'ouvre à 90° - *90° swing* - Dieser Griff öffnet bis 90°





gainage néoprène
neoprene grip
Neoprenummantelung

POIGNÉES ABATTANTES À RESSORT
DROP HANDLES WITH SPRING
FEDERFALLGRIFFE

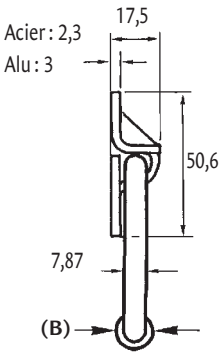
A x B x C x D x E					
124 x 14,2 x 50,8 x 101,6 x 114,3	Poignée alu brut	**19-7-3728**	alu	brut	79 g
	Poignée acier zingué	**19-7-3729**	acier	zingué	275 g
A x B x C x D					
124 x 19 x 50,8 x 104,1 x 114,3	Poignée acier zingué	**19-7-3730**	acier	zingué	136 g
A x B x C x D					
124 x 11,2 x 31,7 x 78,7 x 103,1	Poignée alu brut	**19-7-3731**	alu	brut	80 g
	Poignée acier zingué	**19-7-3732**	acier	zingué	240 g

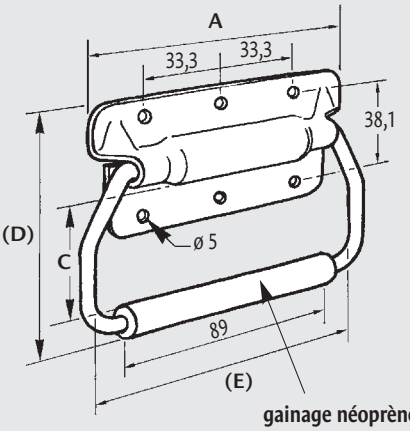
Charge maxi : 68 kg. Poignées gainées néoprène* avec manchon aluminium. Manutention facilitée. Répond aux spécifications MIL.T.945, MIL.C.4150

68 kg maxi load. Neoprene clad handles with aluminium sleeve. Easy handling. Meets MIL.T.945, MIL.C.4150 specifications.*

Maximale Last : 68 kg. Neopren* ummantelter Griff mit Aluminiummuffe. Erleichterte Handhabung. Entspricht den Vorschriften MILT.T.945, MIL.C.4150.

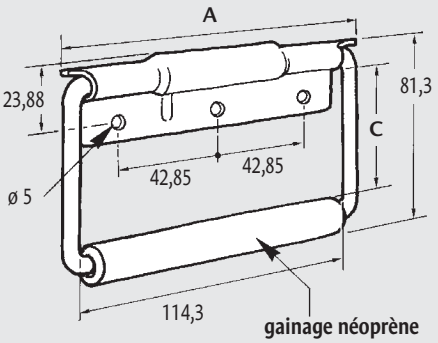
Cette poignée s'ouvre à 90° - *90° swing* - Dieser Griff öffnet bis 90°





gainage néoprène
neoprene grip
Neoprenummantelung

POIGNÉES ABATTANTES À RESSORT *SPRING FLAP-HANDLES* FEDERFALLGRIFFE	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
POIGNÉES ABATTANTES À RESSORT *DROP HANDLES WITH SPRING* FEDERFALLGRIFF				
A x C				
130 x 48,26	**19-7-3733**	acier	zingué	226 g
	19-7-3734	acier	*	226 g
	19-7-3737	acier	zingué noir	226 g

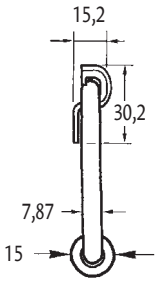


gainage néoprène
neoprene grip
Neoprenummantelung

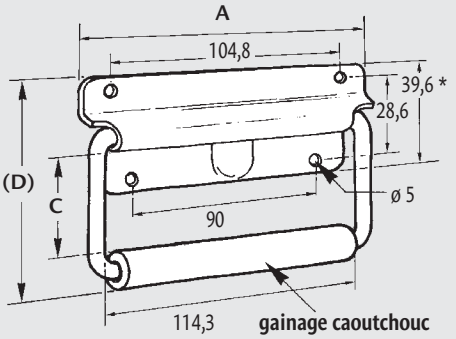
Charge maxi : 45 kg - *Maxi load : 45 kg.* - Maximallast : 45 kg

*** zingué bichromaté -** *Bichromated galvanised* - verzinkt bichromatiert

Cette poignée s'ouvre à 90° - *90° swing* - Dieser Griff öffnet bis 90°



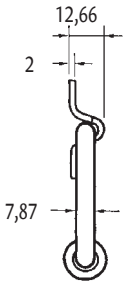
POIGNÉES ABATTANTES À RESSORT *DROP HANDLES WITH SPRING* FEDERFALLGRIFF					
A x C x D					
130,3 x 60,5 x 104,1	Poignée acier zingué	**19-7-3740**	acier	zingué	272 g
	Poignée inox brut	**19-7-3741**	inox	brut	272 g
A x C x D					
130,3 x 38,1 x 82,5	Poignée acier zingué	**19-7-3745**	acier	zingué	272 g
	Poignée inox brut	**19-7-3746**	inox	brut	272 g



gainage caoutchouc
rubber grip
Gummiummantelung

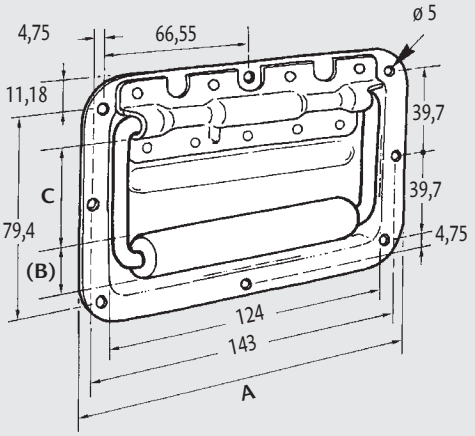
* en inox cote = 42

Cette poignée s'ouvre à 90° - *90° swing* - Dieser Griff öffnet bis 90°



*** Néoprène résistant aux moisissures. – *** *Fungal growth resistant Neoprene.* – *Schimmelpilzfestes Neopren.

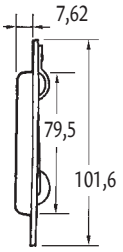
POIGNÉES ABATTANTES À RESSORT *SPRING FLAP-HANDLES, RETRACTABLE* FEDERFALLGRIFFE, VERSENKBAR	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
POIGNÉES ABATTANTES À RESSORT ENCASTRÉES *DROP HANDLES WITH SPRING, RETRACTABLE* FEDERFALLGRIFFE, VERSENKBAR				
A x B x C				
155 x 13,5 x 46	**19-7-3749**	acier	zingué	385 g
	19-7-3750	acier	époxy noir	385 g
A x B x C				
155 x 19 x 43	**19-7-3751**	acier	zingué	385 g
	19-7-3752	acier	époxy noir	385 g



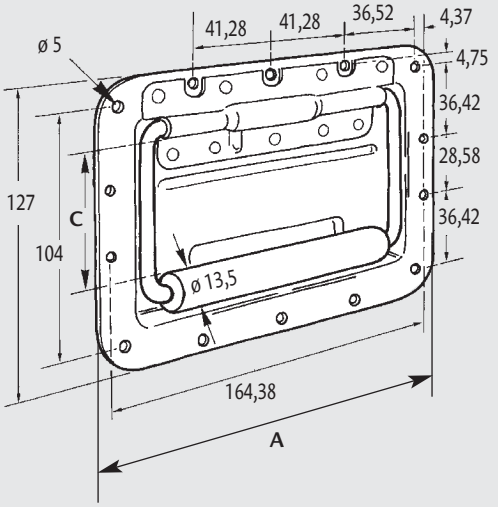
Charge maxi : 57 kg. - *Max. load : 57 kg* - Maximallast : 57 kg

Découpe du panneau rectangulaire : 78,7 x 132
78,7 x 132 rectangular opening.
Rechteckige Öffung : 78,7 x 132 einbauen

Cette poignée s'ouvre à 90° - *90° swing* - Dieser Griff öffnet bis 90°

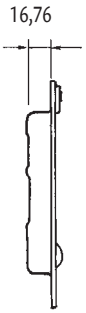


POIGNÉES ABATTANTES À RESSORT ENCASTRÉES *DROP HANDLES WITH SPRING, RETRACTABLE* FEDERFALLGRIFFE, VERSENKBAR				
A x C				
177 x 62	**19-7-3756**	acier	zingué	567 g
	19-7-3757	acier	époxy noir	567 g



Charge maxi : 68 kg. Découpe du panneau : 99 x 146
Maxi load : 68 kg. Door leaf recess : 99 x 146
Maximallast : 68 kg. Plattenausschnitt : 99 x 146

Cette poignée s'ouvre à 90° – *90° swing* – Dieser Griff öffnet bis 90°

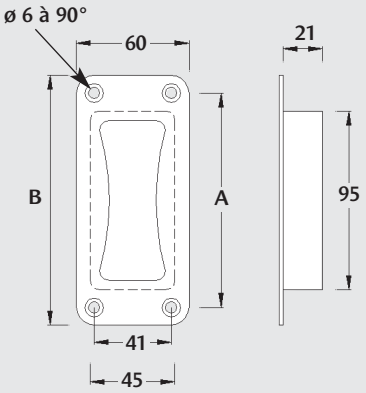


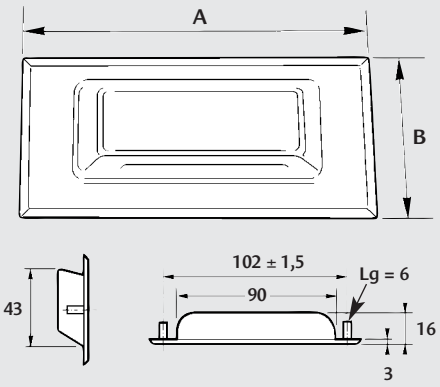
POIGNÉES À ENCASTRER

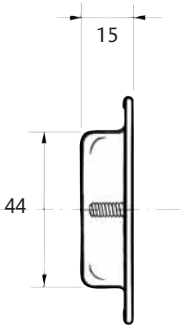
FLUSH HANDLES

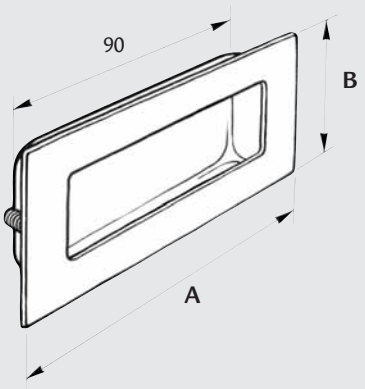
EINBAUGRIFFE

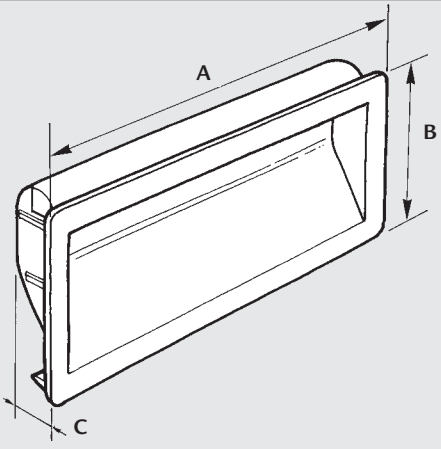
	numéro *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
POIGNÉE DOUBLE ACTION *DOUBLE-SIDED HANDLE* DOPPELBEWEGUNG GRIFF A x B 114 x 133	**19-7-3815**	PA fibre de verre	noir	50 g
A x B 121 x 62 x M4	**19-7-3817**	inox 304	satiné	60 g
120 x 62 x M5	**19-7-3832**	inox 304	satiné	60 g
A x B 120 x 60 nouveau new neu	**19-7-3831**	inox 304	satiné	54 g
POIGNÉE CUVETTE À ENCASTRER *FLUSH RECESS HANDLE* MUSCHELGRIFF ZUM EINBAUEN A x B x C 186 x 78,5 x 22	**19-7-3689**	plastique	noir	85 g











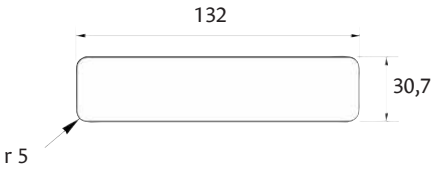
Pour épaisseur tôle : 1,5 à 2 mm - *For sheet thickness :1,5 to 2 mm* - Für Blechstärke : 1,5 bis 2 mm

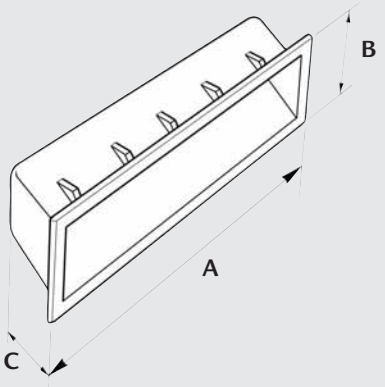
Fixation par clips fournis - *Fixing clips supplied* - Befestigungsclips beigestellt

Découpe du panneau : 171 x 73 - *Door leaf recess : 171 x 73* - Plattenausschnitt : 171 x 73

POIGNÉE À ENCASTRER
FLUSH HANDLE
EINBAUGRIFF

A x B x C		numéro *number* Nummer	matière *material* Werkstoff	décor *finish* Dekor	poids *weight* Gewicht
137,4 x 37,4 x 18,6	nouveau new neu	19-1-3830	ABS	noir	30 g
140 x 36 x 30		19-7-3826	polyamide	noir	32 g



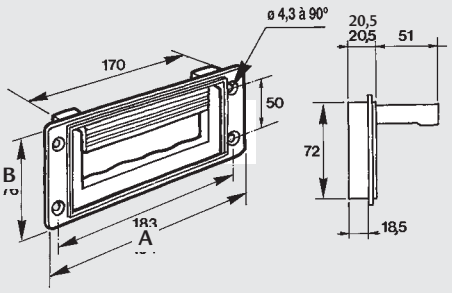


POIGNÉE À ENCASTRER
FLUSH HANDLE
EINBAUGRIFF

A x B				
194 x 76	19-7-3643	zamak	verni argent	310 g

Charge : 100 kg par paire - *Load : 100 kg per pair* - Last : 100 kg pro Paar

Découpe du panneau : 72,5 x 170,5 - *Door leaf recess : 72,5 x 170,5* - Plattenausschnitt : 72,5 x 170,5

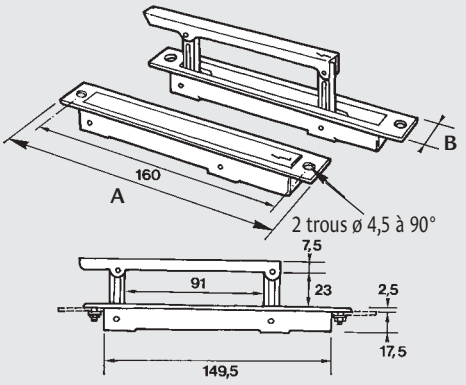


POIGNÉES À ENCASTRER
FLUSH HANDLE
EINBAUGRIFFE

A x B				
173,5 x 25	19-7-3668	plastique	gris	45 g

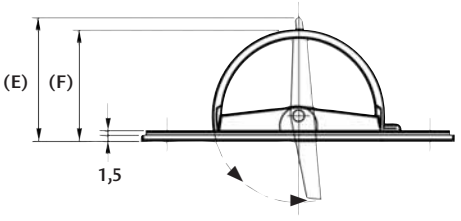
Charge : 35 kg par paire - *Load : 35 kg per pair* - Last : 35 kg pro Paar

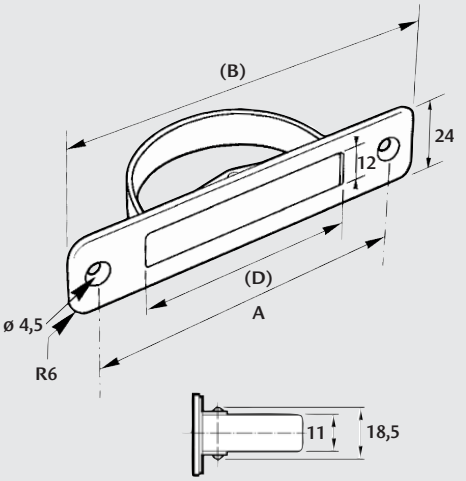
Découpe du panneau : 150 x 21 - *Door leaf recess : 150 x 21* - Plattenausschnitt : 150 x 21



POIGNÉES ESCAMOTABLES À ENCASTRER
RETRACTABLE FLUSH HANDLES
VERSCHWINDENE EINBAUGRIFFE

A x B x D x E x F	découpe				
76 x 90 x 52 x 36 x 32	60 x 20	19-7-3813	inox 304	satiné	46 g
94 x 110 x 64 x 42 x 38	72 x 20	19-7-3814	inox 304	satiné	55 g



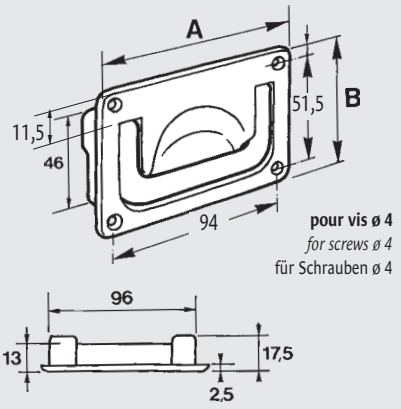


POIGNÉES À RESSORT ENCASTRÉES *FLUSH HANDLE WITH SPRING* FEDREFALLGRIFFE	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
POIGNÉE À ENCASTRER *FLUSH HANDLE* EINBAUGRIFF A x B 105 x 63,5	**19-7-3605**	alu	brut	123 g

Livrée en pièces détachées. - *Delivered in separate parts.* - In Einzelteilen geliefert.

Charge : 100 kg par paire - *Load : 100 kg per pair* - Last : 100 kg pro Paar

Découpe du panneau : 46,5 x 96,5 - *Door leaf recess : 46,5 x 96,5* - Plattenausschnitt : 46,5 x 96,5



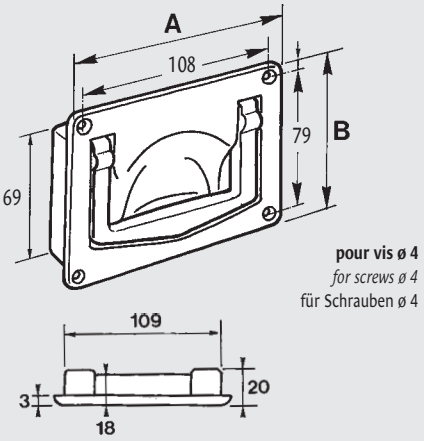
pour vis ø 4
for screws ø 4
für Schrauben ø 4

POIGNÉE À ENCASTRER *FLUSH HANDLE* EINBAUGRIFF A x B 120 x 90	**19-7-3338**	alu	brut	145 g

Livrée en pièces détachées. - *Delivered in separate parts.* - In Einzelteilen geliefert.

Charge : 100 kg par paire - *Load : 100 kg per pair* - Last : 100 kg pro Paar

Découpe du panneau : 69,5 x 109,5 - *Door leaf recess : 69,5 x 109,5* - Plattenausschnitt : 69,5 x 109,5



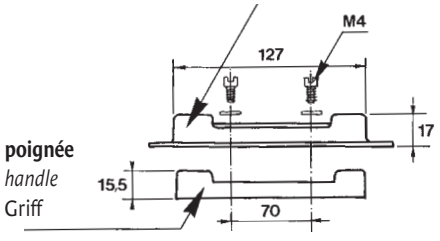
pour vis ø 4
for screws ø 4
für Schrauben ø 4

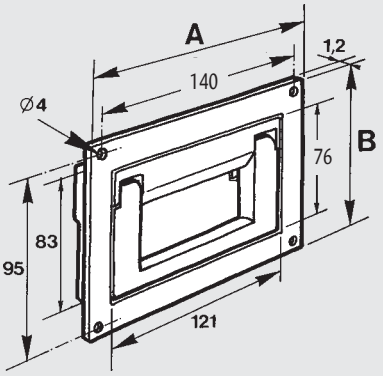
POIGNÉE À ENCASTRER *FLUSH HANDLE* EINBAUGRIFF A x B 150 x 105	**19-7-3606**	acier	zingué	450 g

Charge : 100 kg par paire
Load : 100 kg per pair
Last : 100 kg pro Paar

Découpe du panneau : 83,5 x 127,5
Door leaf recess : 83,5 x 127,5
Plattenausschnitt : 8305 x 127,5

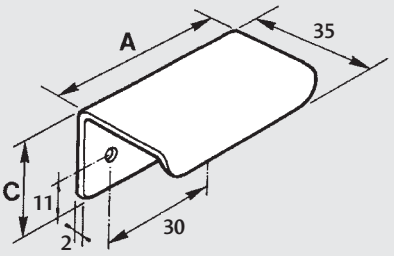
embase - *tray* - Schale



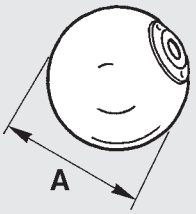


POIGNÉES DIVERSES *MISCELLANEOUS HANDLES* VERSCHIEDENE GRIFFE	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
A x C 50 x 25	**19-1-3798**	acier	chromé	46 g

Percée et fraisurée pour vis ø 3 - *Drilled and counter sunk for screws ø 3* - Gebohrt und versenkt für Schrauben ø 3

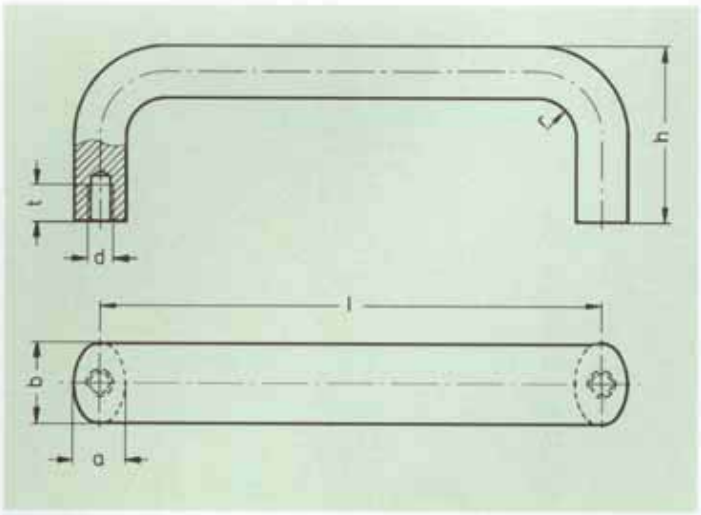


BOULES *BALL KNOBS* KNÖPFE	**numéro** *number* Nummer	**matière** *material* Werkstoff	**décor** *finish* Dekor	**poids** *weight* Gewicht
BOULES TARAUDAGE M4 *INTERNAL SCREW THREAD M4* KUGELGRIFFE MIT INNENGEWINDE M4 A				
15	**18-7-3521**	alu	poli	4 g
20	**18-7-3513**	alu	poli	11 g
25	**18-7-3517**	alu	poli	22 g
30	**18-7-3512**	alu	poli	37 g



Pull Handles

from Aluminium resp. Stainless Steel



Grip from aluminium profile with high stability and smooth surface. Modern design and ergonomical points of view were the standard basis for the design. Due to the production system (bending), special lengths can be delivered also in small quantities.

Model Aluminium: Plastic coated black RAL 9011, matt finish or blank, bright tumbled finish.
Model Stainless Steel: Material No. 1.4301, sand-blasted matt.

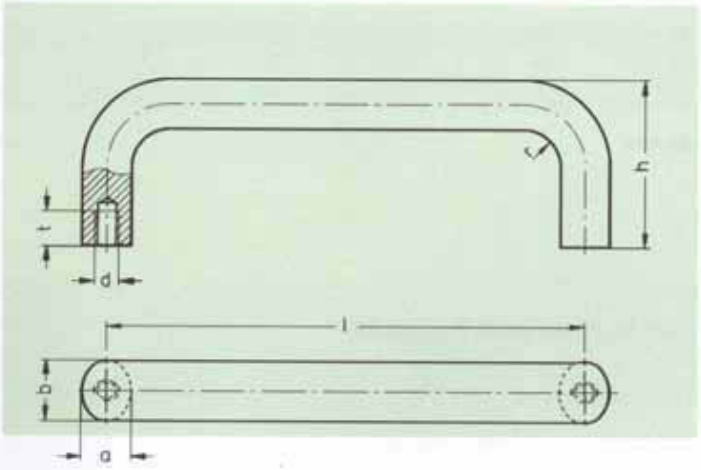
Zimmermann Pull Handles - Aluminium resp. Stainless Steel

Order No. Black	Order No.. Blank	Order No. Stainless Steel	b mm	l mm	a mm	Thread d	h mm	r	t mm
63 20 100 sw	63 20 100 bl		20	100	13	M 6	47	13	10
		63 20 112 E0A	20	112	13	M 6	49	13	10
63 20 128 sw	63 20 128 bl	63 20 128 E0A	20	128	13	M 6	51	13	10
63 26 128 sw	63 26 128 bl		26	128	17	M 8	55	17	12
63 26 160 sw	63 26 160 bl		26	160	17	M 8	57	17	12
63 26 192 sw	63 26 192 bl		26	192	17	M 8	57	17	12
63 26 300 sw	63 26 300 bl		26	300	17	M 8	57	17	12

ZIMMERMANN

Pull Handles

from Plastic



Model: Polyamide black. Thread from brass MS 58.

Zimmermann Pull Handles - Plastic

Order No.	b mm	l mm	a mm	Thread d	h mm	r	t mm
64 12 088 sw	12	88	9	M 5	40	22	7,5
64 12 100 sw	12	100	9	M 5	40	22	7,5
64 12 120 sw	12	120	9	M 5	40	22	7,5

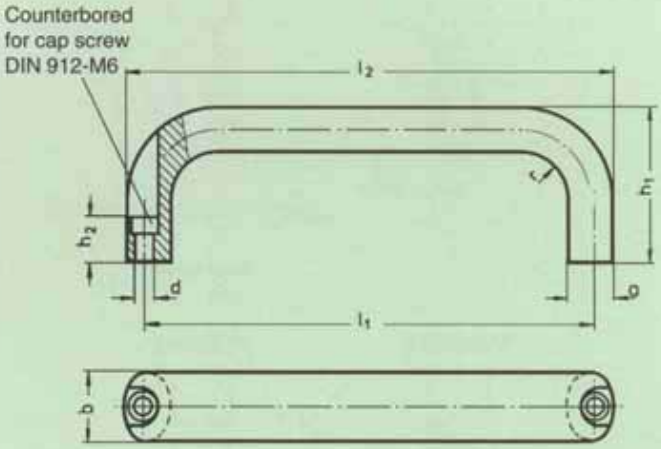
from Aluminium
to assemble from front side

These pull handles allow assembling from front side.

Grip from aluminium profile with high stability and smooth surface. Modern design and ergonomical points of view were the standard basis for the design. Due to the production system (bending), special lengths can be delivered also in small quantities.

Model: Aluminium, Plastic coated black RAL 9011, matt finish or blank, bright tumbled finish.

METALIKA KAČIN
www.metalika-kacin.com

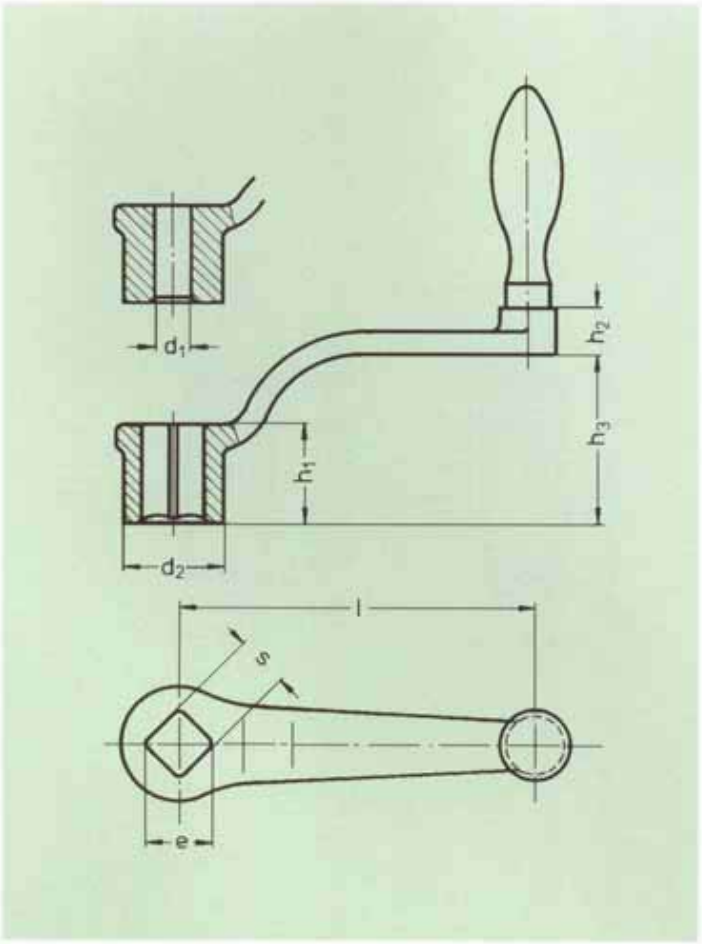


Zimmermann Pull Handles to assemble from front side - Aluminium

Order No. Black	Order No. Blank	b mm	l_1 mm	l_2 mm	a mm	d mm	h_1 mm	h_2 mm	r
66 26 116 sw	66 26 116 bl	26	116	130	17	6,3	53	17	17
66 26 132 sw	66 26 132 bl	26	132	146	17	6,3	55	17	17
66 26 164 sw	66 26 164 bl	26	164	178	17	6,3	57	17	17
66 26 196 sw	66 26 196 bl	26	196	210	17	6,3	57	17	17

Offset Crank Handles

DIN 468



Crank Handles DIN 468 are available as standard with steel grips. Grip from plastic (only Type B) can be supplied on request.

Model:
Crank body cast iron (GGG):
Hub machined, cast edge deburred and sand-blasted.

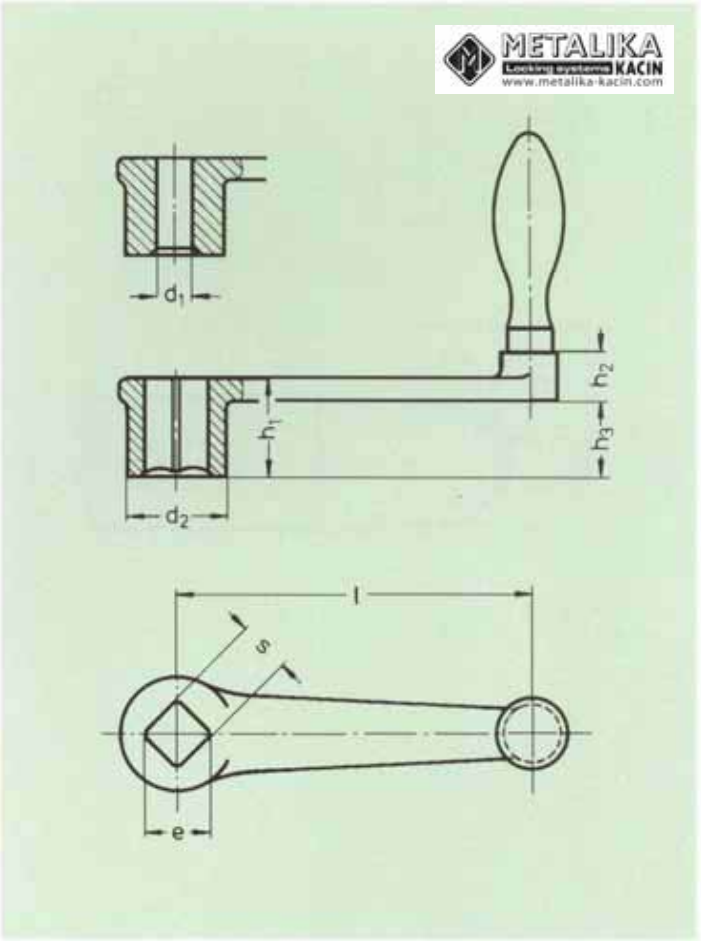
Type A: with fixed grip.
Type B: with revolving grip.

Plastic crank handles are available on request.

Zimmermann Offset Crank Handles DIN 468

Order No. Type A with Square Hole S H_{11}	Order No. Type A with Fitting Hole d_1 H_7	Order No. Type B with Square Hole S H_{11}	Order No. Type B with Fitting Hole d_1 H_7	Square Hole SH_{11}	e mm	Fitting Hole d_1 H_7	l mm	d_2 mm	h_1 mm	h_2 mm	h_3 = mm	∅ Ball Grip
65 080 10 VKT A	65 080 08 PBG A	65 080 10 VKT B	65 080 08 PBG B	V 10	13,1	8	80	24	24	13	38	18
65 100 12 VKT A	65 100 10 PBG A	65 100 12 VKT B	65 100 10 PBG B	V 12	16,1	10	100	28	28	13	48	20
65 125 14 VKT A	65 125 10 PBG A	65 125 14 VKT B	65 125 10 PBG B	V 14	18,1	10	125	34	34	14	55	22
65 160 17 VKT A	65 160 14 PBG A	65 160 17 VKT B	65 160 14 PBG B	V 17	22,2	14	160	38	38	14	65	25
65 200 19 VKT A	65 200 17 PBG A	65 200 19 VKT B	65 200 17 PBG B	V 19	25,2	17	200	44	44	21	78	28
65 250 22 VKT A	65 250 17 PBG A	65 250 22 VKT B	65 250 17 PBG B	V 22	28,2	17	250	48	48	21	90	32

DIN 469



Crank handles DIN 469 are available as standard with steel grips. Grip from plastic (only Type D) can be supplied on request.

Model:
Crank body cast iron (GGG):
Hub machined, cast edge deburred and sand-blasted.

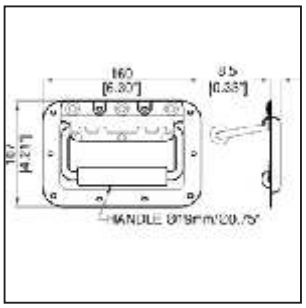
Type C: straight crank with fixed grip.
Type D: straight crank with revolving grip.

Plastic crank handles are available on request.

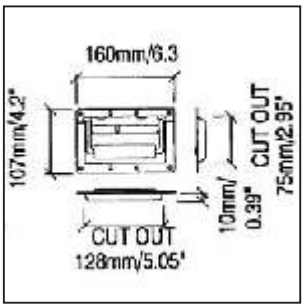
Zimmermann Straight Crank Handles DIN 469

Order No. Type C with Square Hole S H_{11}	Order No. Type C with Fitting Hole d_1 H_7	Order No. Type D with Square Hole S H_{11}	Order No. Type D with Fitting Hole d_1 H_7	Square Hole SH_{11}	e mm	Fitting Hole d_1 H_7	l mm	d_2 mm	h_1 mm	h_2 mm	h_3 = mm	∅ Ball Grip
65 080 10 VKT C	65 080 08 PBG C	65 080 10 VKT D	65 080 08 PBG D	V 10	13,1	8	80	24	24	13	18	18
65 100 12 VKT C	65 100 10 PBG C	65 100 12 VKT D	65 100 10 PBG D	V 12	16,1	10	100	28	28	13	21	20
65 125 14 VKT C	65 125 10 PBG C	65 125 14 VKT D	65 125 10 PBG D	V 14	18,1	10	125	34	34	14	26	22
65 160 17 VKT C	65 160 14 PBG C	65 160 17 VKT D	65 160 14 PBG D	V 17	22,2	14	160	38	38	14	29	25
65 200 19 VKT C	65 200 17 PBG C	65 200 19 VKT D	65 200 17 PBG D	V 19	25,2	17	200	44	44	21	34	28
65 250 22 VKT C	65 250 17 PBG C	65 250 22 VKT D	65 250 17 PBG D	V 22	28,2	17	250	48	48	21	36	32

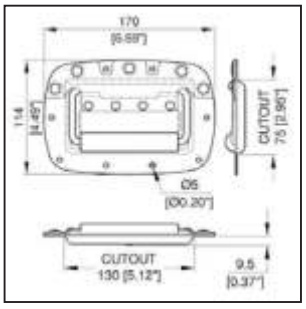
Griffe



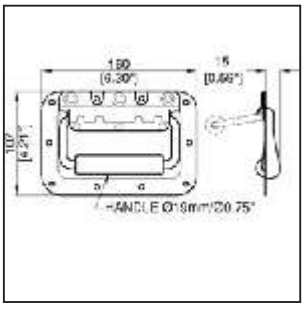
H7159z	Stahlklappgriff in Einbauschale 2 Federn, 8mm-Bügel, starkes Greifgummi	
	0,400 kg/St	Zinc



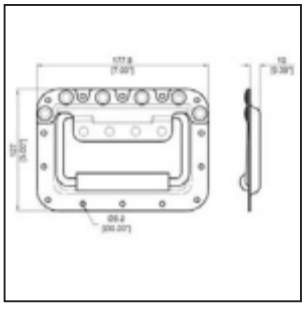
H1050	Stahlklappgriff in Schale, verschweißt	
Steel	0,328 kg/St	Zinc or Black



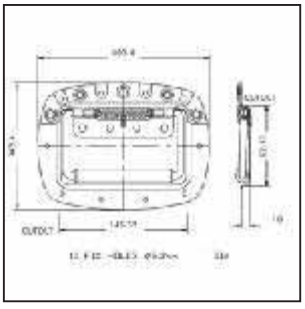
H8154	Stahlklappgriff in gerundeter Schale	
1.5mm Steel	0,380 kg/St	Zinc



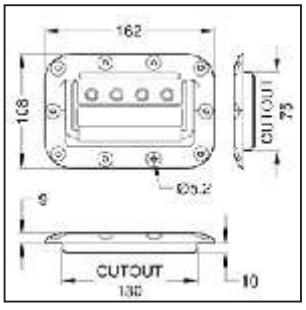
H7149z	Stahlklappgriff in vertiefter Schale 2 Federn, 8mm-Bügel, starkes Greifgummi	
Steel	0,325 kg/St	Zinc



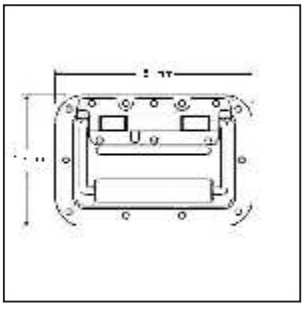
H7165-10	HD-Stahlklappgriff groß in 10mm Schale	
1.5mm Steel	0,490 kg/St	Zinc



H9165z	Stahlklappgriff in gerundeter Schale, gr	
1.5mm Steel	0,408 kg/St	Zinc

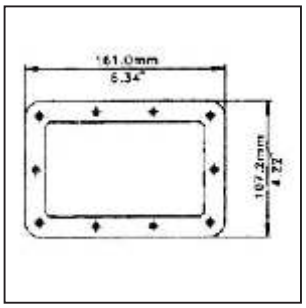


H2751	Klappgriff in ABS-Einbauschale	
ABS	0,199 kg/St	Black

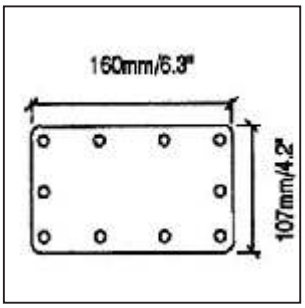


HE-1839AL	Klappgriff in Aluminium-Einbauschale METALIKA Locking systems KACIN www.metalika-kacin.com	
Aluminium	0,256 kg/St	Alu

Griffe

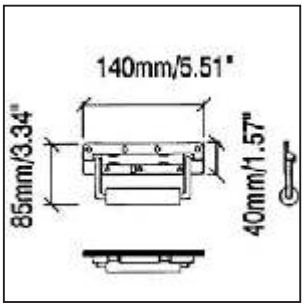


H1906 **H1065/BP**	Nietrahmen zu H1050/51/54/61 und H5054 H1065/BP: Nietrahmen zu H1065 / H7165	
0.9mm Steel	0,049 kg/St	Zinc

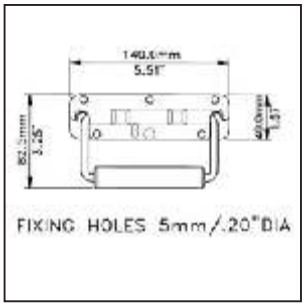


H1085	Nietplatte zu H1050, H1051, H1054, H5054	
0.9mm Steel	0,117 kg/St	Zinc or Black

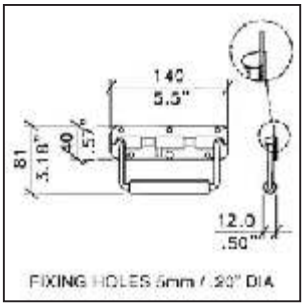
H..L	Stahlklappgriff mit Ihrem Firmen-Logo (Mindestabnahme 500 Stück)	
Steel	0,327 kg/St	Zinc, Black or Stainless



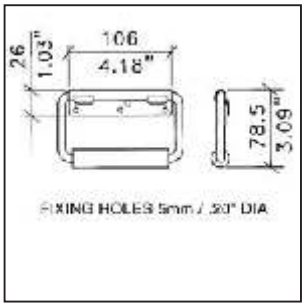
H1052	Aufsatzklappgriff - auch in Edelstahl lieferbar ! -	
1.5mm Steel	0,229 kg/St	Zinc, Black or Stainless



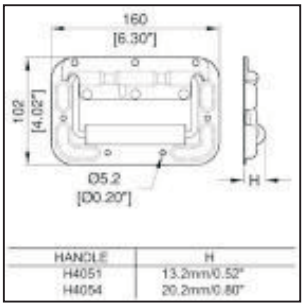
H1053z **H1053Z/WCP**	Aufsatzklappgriff, mit 19mm Greifgummi	
Steel	0,229 kg/St	Zinc



H10527	Aufsatzklappgriff, gekröpft	
1.5mm Steel	0,230 kg/St	Zinc

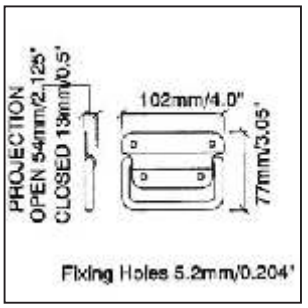


H1078	Aufsatzklappgriff	
Steel	0,220 kg/St	Zinc

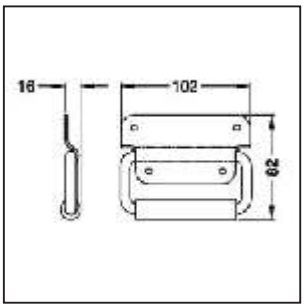


H4051	Aufsatz-Stahlklappgriff mit Rammschutz METALIKA Locking systems KAČIN www.metalika-kacin.com	
Steel	0,000 kg/St	Zinc

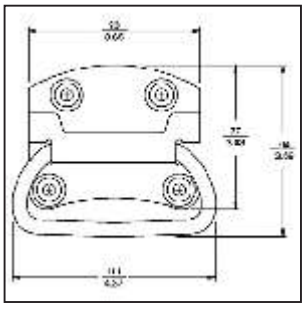
Griffe



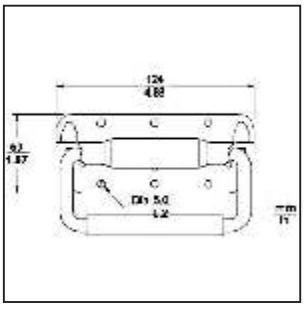
H1030	Aufsatzgriff (ungefedert)	
Steel	0,180 kg/St	Zinc



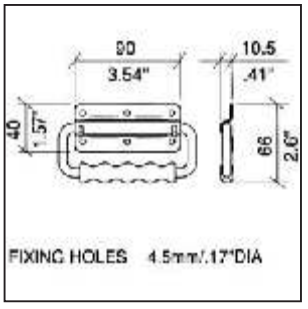
H1030R	Aufsatzgriff (ungefedert) mit extra großem Greifgummi	
Steel	0,180 kg/St	Zinc



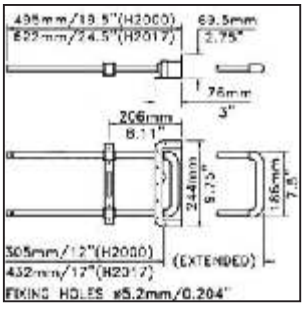
HE-2457	Aufsatzgriff (ungefedert)	
Steel	0,150 kg/St	Zinc



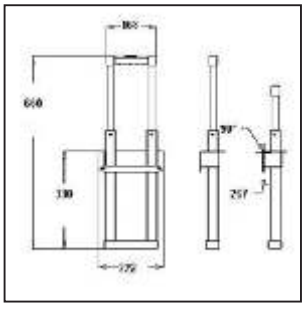
HE-2341AL	Aufsatzklappgriff aus Aluminium	
Aluminium	0,106 kg/St	Alu



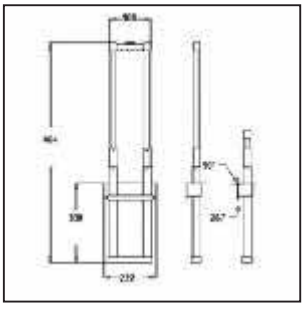
H1079	Aufsatzklappgriff aus Aluminium	
Aluminium	0,060 kg/St	Anodized



H2000 **H2017**	Einbau-Teleskopgriff (H2000: Länge 12" / H2017: Länge 17")	
Steel/ABS	0,750 kg/St	Black

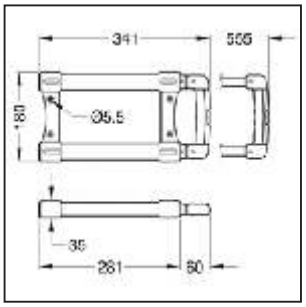


H4117	Einbau-Teleskopgriff, 66cm	
Steel	1,000 kg/St	Black

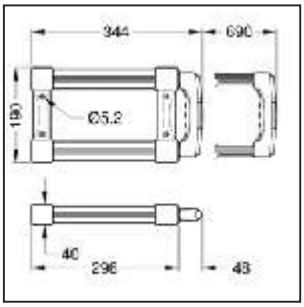


H4116	Einbau-Telskopgriff, 86.5cm	
Steel	1,000 kg/St	Black

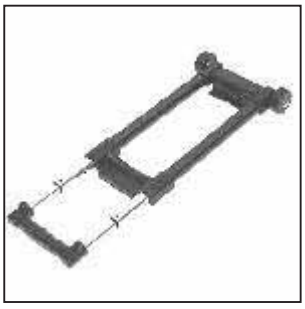
Griffe



4080	Aufsatz-Teleskopgriff, 555x180	
Steel	1,000 kg/St	Black

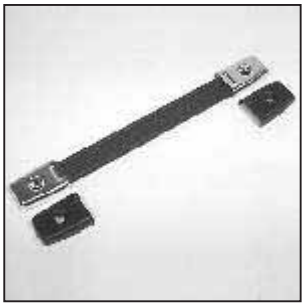


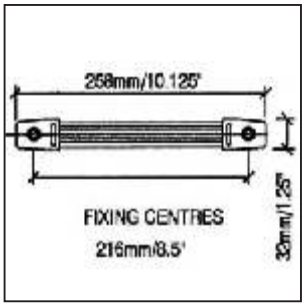
4081	Aufsatz-Teleskopgriff, 690x190	
Steel	1,000 kg/St	Black



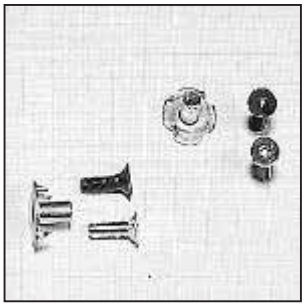
4512	Trolley-Griff, 235mm Breite	
Steel	1,000 kg/St	Black

4515	Trolley-Griff, 335mm Breite	
Steel	1,000 kg/St	Black

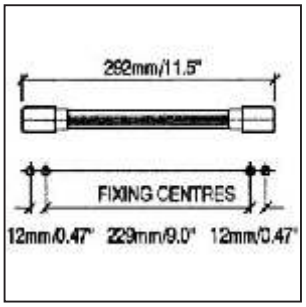




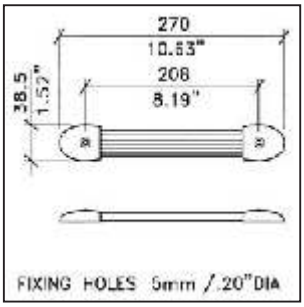
H1010 **(4310)**	Riemengriff mit Stahl-Endkappen	
Steel/PVC	0,126 kg/St	Endcaps: Zinc or Black



4319	Befestigungssatz zu H1010 (4310)	
Steel	0,012 kg/St	Zinc or Black

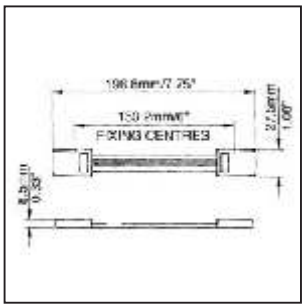


H1195	Riemengriff mit Stahl-Endkappen	
Steel/PVC	0,110 kg/St	Endcaps: Nickel

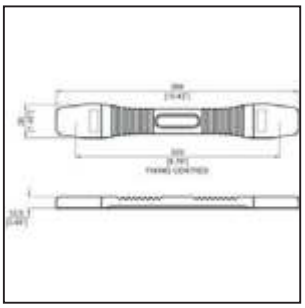


H1009/01	Riemengriff mit ABS-Endkappen	
Steel/PVC	0,100 kg/St	Black

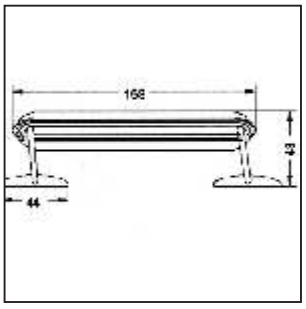
Griffe



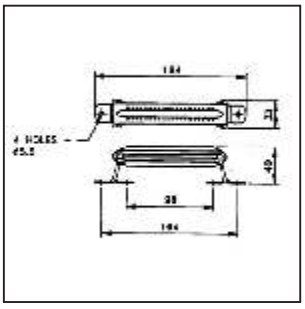
H1013	Riemengriff mit ABS-Endkappen	
Steel/PVC	0,030 kg/St	Black



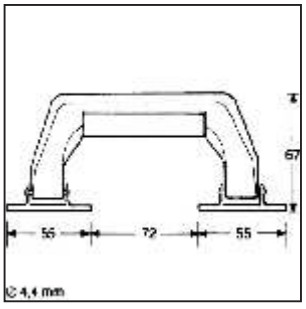
H8012	Riemengriff mit ABS-Endkappen	
Steel/PVC	0,120 kg/St	



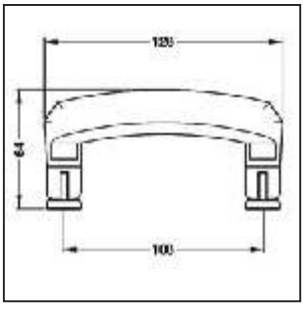
4200	Ledergriff mit elastischer Innenstrebe Nietstifte umgebördelt	
Leather/ABS	0,084 kg/St	Black; Fittings: Zinc



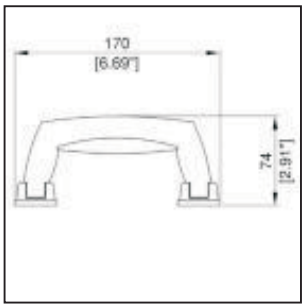
4210	Ledergriff (Vollrindleder) Nietstifte umgebördelt	
Leather	0,086 kg/St	Black; Fittings: Zinc



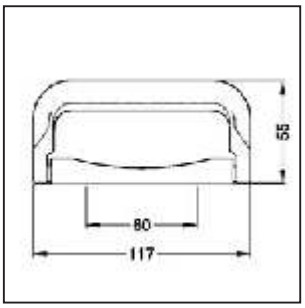
4230	Attachékoffer-Griff	
ABS	0,066 kg/St	Black; Fitt.: Zinc or Black



HO-7960k **H1428**	Attachékoffer-Griff (Osaka 7960s)	
ABS/Steel	0,110 kg/St	Black

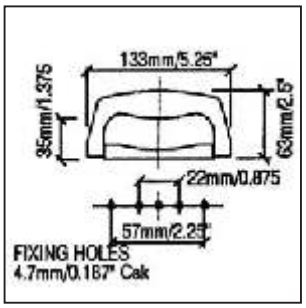


H1432 **H1431**	Attachékoffer-Griff, chromfarben/schwarz H1431: Attachékoffer-Griff, schwarz	
	0,060 kg/St	

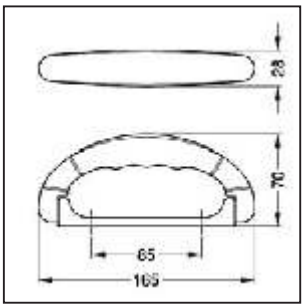


4260	Attachékoffer-Griff	
ABS	0,066 kg/St	Black

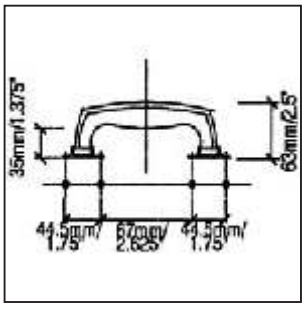
Griffe



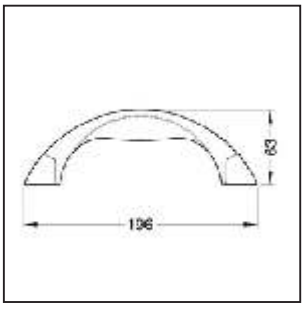
H1425	Attachékoffer-Griff	
ABS	0,062 kg/St	Black; Fittings: Nickel



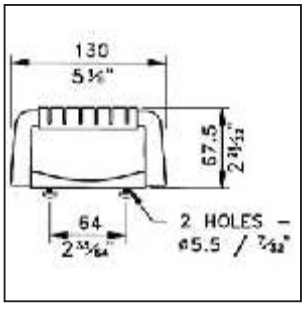
4245	Attachékoffer-Griff	
ABS	0,066 kg/St	Black



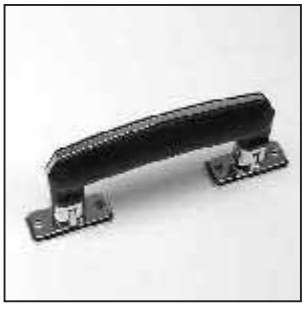
H1430	Attachékoffer-Griff	
ABS	0,055 kg/St	Black; Fittings: Nickel



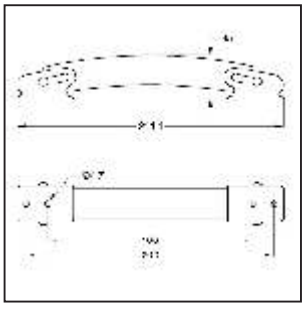
H1423	Attachékoffer-Griff	
ABS	0,062 kg/St	Black



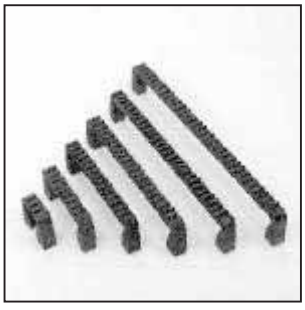
HO-7305/3593 **H1605**	Attachékoffer-Griff mit Chrom-Abdeckung	
ABS/Alloy	0,060 kg/St	Black; Cap: Chrome

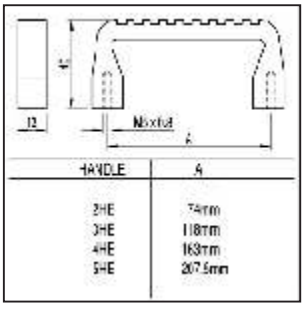


HO-7960Tk	Attachékoffer-Griff, chromverziert	
ABS/Steel	0,110 kg/St	Black; Fittings: Chrome



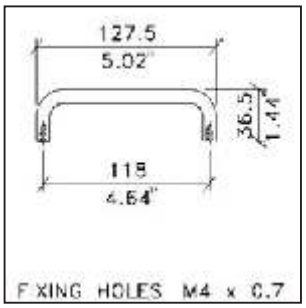
H1190	Attachékoffer-Griff “Hip-Hop”	
Steel	0,190 kg/St	Nickel



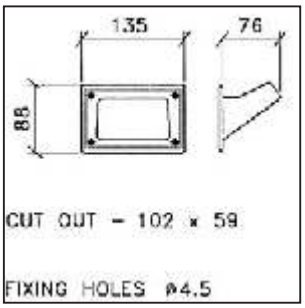


R1266/..UA	Aluminium-Bügelgriffe für 19"-Gehäuse	
Aluminium	0,80 kg (4U)	Silver anodized or Black

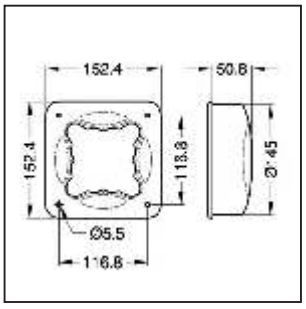
Griffe



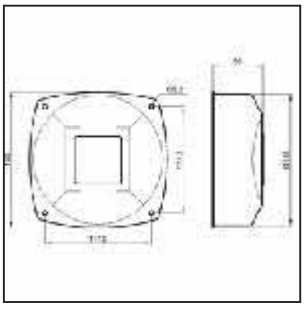
R1265/3U	Stahl-Bügelgriff 120mm	
Steel	0.070 kg	Black or Chrome



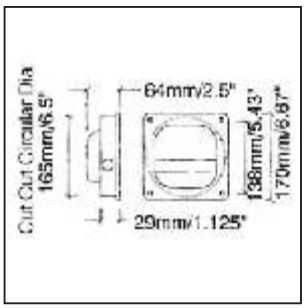
H1006	Muldengriff, Plastik	
ABS	0,030 kg/St	Black



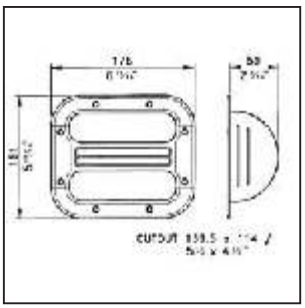
H1028	Schalengriff, allseitig einfassbar	
ABS	0,178 kg/St	Black



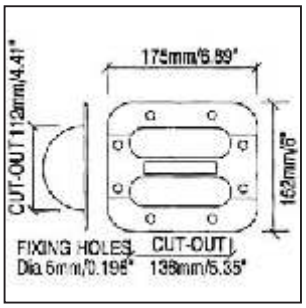
H1028CUP/FXH	Haube zur rückseitigen Monatge an H1028	
ABS	0,178 kg/St	Black



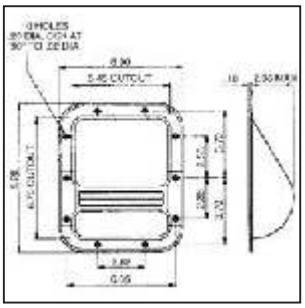
H1076	Schalengriff 17.5x17.5, ABS	
ABS	0,160 kg/St	Black



H1015	Schalengriff 17.5x15.1, ABS Lable-Druck auf Einkleber H1016 möglich	
ABS	0,150 kg/St	Black

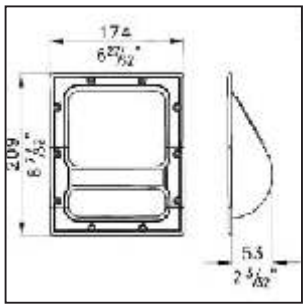


H1017	Schalengriff HD 17.5x15.2, ABS Lable-Druck auf Einkleber H1016 möglich	
ABS/Dc.AL	0,180 kg/St	Black

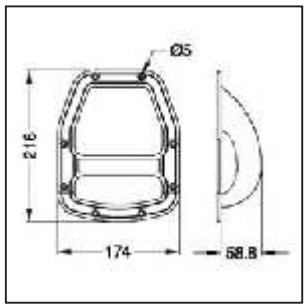


H1023	Schalengriff HD 17.5x21, ABS Lable-Druck auf Einkleber H1016 möglich	
ABS/Dc.AL	0,180 kg/St	Black

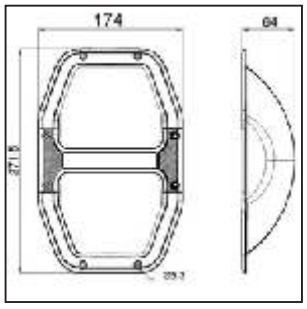
Griffe



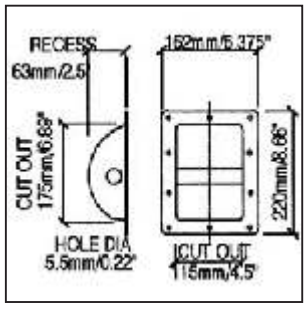
H1024	Schalengriff HD, 17.5x21, ABS, eckig	
ABS	0,180 kg/St	Black



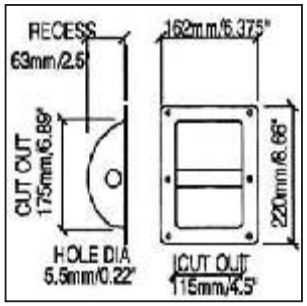
H1027	Schalengriff HD 17.5x21.6, ABS	
ABS/Dc.AL	0,180 kg/St	Black



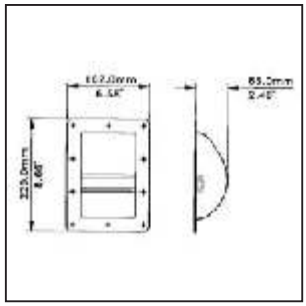
H1027/DB	Schalengriff HD 17.4x27.2, AB, d+b style	
ABS/Dc.AL	0,279 kg/St	Black



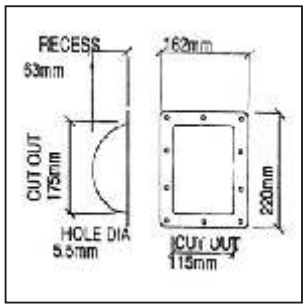
H1105	Stahl-Schalengriff, klein, 10 Bohrungen mit runder Griffleiste	
0.9mm Steel	0,540 kg/St	Black



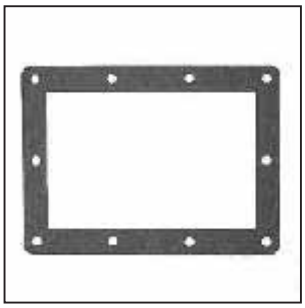
H1105/06	Stahl-Schalengriff klein, 6 Bohrungen mit runder Griffleiste	
0.9mm Steel	0,540 kg/St	Black

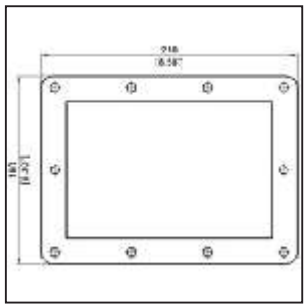


H1104	Stahl-Schalengriff klein, 10 Bohrungen Lable-Druck auf Einkleber H1016 möglich	
0.9mm Steel	0,540 kg/St	Black



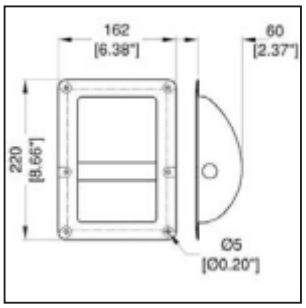
H1107	Haube zur rückseitigen Montage an H1105	
Steel	0,540 kg/St	Black



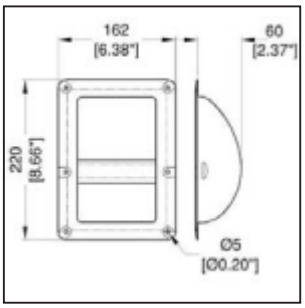


H1105G	Selbstklebender Dichtungsring zu H1105ff	
Rubber	0,010 kg/St	Black

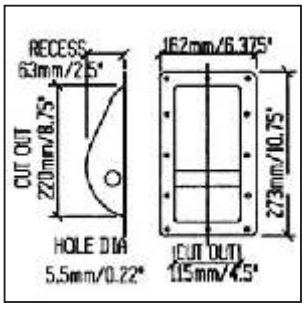
Griffe



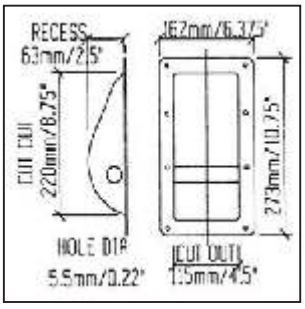
H8805-06	Stahl-Schalengriff klein, 6 Bohrungen mit runder Griffleiste	
0.9mm Steel	0,460 kg/St	Black



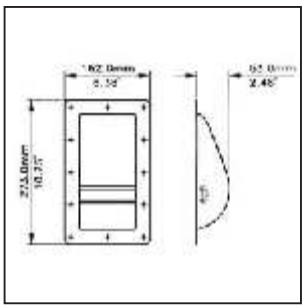
H8804-06	Stahl-Schalengriff klein, 6 Bohrungen Lable-Druck auf Einkleber H1016 möglich	
0.9mm Steel	0,460 kg/St	Black



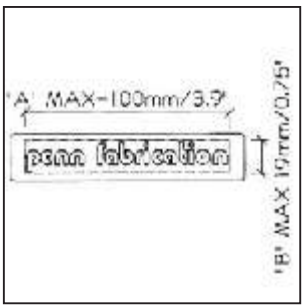
H1070	Stahl-Schalengriff, groß, 12 Bohrungen	
0.9mm Steel	0,570 kg/St	Black



H1071	Stahl-Schalengriff, groß, 8 Bohrungen	
0.9mm Steel	0,570 kg/St	Black

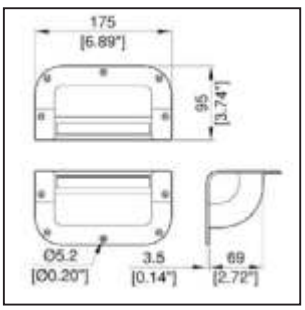


H1069	Stahl-Schalengriffl, groß, beschriftbar Lable-Druck auf Einkleber H1016 möglich	
0.9mm Steel	0,570 kg/St	Black



H1016	Label-Einkleber für H1015ff Bedruckung auf Anfrage	
PVC	0,010 kg/St	Black or Special Print Colour

H1105/91	Kanten-Schalengriff, Stahl	
ABS	0,460 kg/St	Black



H102490	Kanten-Schalengriff, ABS/Alu Lable-Druck auf Einkleber H1016 möglich	
ABS/Alu	0,390 kg/St	Black

METALIKA
Zapirna tehnika KACIN
4226 ŽIRI, Bedrih 27 | T/F 04 510 53 60
M 041 694 339 | info@metalika-kacin.com

ZAPIRAMO - ODPIRAMO - PODPIRAMO - POVEZUJEMO

Široka izbira OKOVJA IN PRIBORA za proizvodnjo stikalnih in krmilnih omar, ohišij za elektroopremo, elektroniko, telekomunikacijsko, tehnološko, klimatsko in drugo tehniko, za vgradnjo pri izdelavi strojne opreme in vozil.

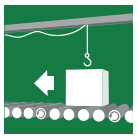
Ključavnice, zapirala, zapirni sistemi

Tečaji, klavirski šarnirji, spone

Ročaji, pribor, zatezna zapirala

Tesnilni gumijasti profili

Plinske vzmeti, amortizerji


Transportni valjčki in transportna oprema

Tekalna kolesa - stabilna, vrtljiva

Standardni vpenjalni elementi

Adapteri za polnjenje plinskih medijev

Plastični čepi, vijaki in elementi

Teleskopska krogljična vodila

Priporoča se ekipa Metalike Kacin.