## Door & Cabinet Pulls

CAST, TUBULAR & CONFIGURABLE





## 

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# door pulls

Forms+Surfaces door pulls have been enhancing interior and exterior entrances for more than forty years. On the following pages you'll find an unparalleled range of options – from sculptural profiles, to linear themes, to bold geometric forms – and a collection shaped by superior construction, green materials and outstanding value.





Cast door pulls communicate an unmistakable message of quality and substance. Available in a variety of shapes and sizes, pulls are made of solid Stainless Steel, Bronze or Brass. Exquisitely detailed finishes add to the visual richness of each design.

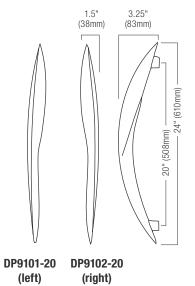
7 | FORMS+SURFACES

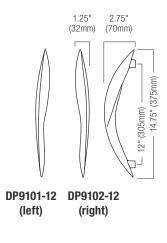


#### $\mathsf{MERIDIAN}^{^{\mathrm{TM}}}$

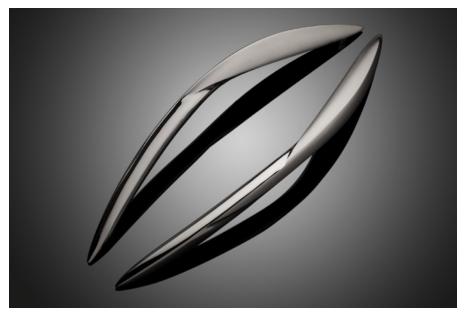


DP9101-20 & DP9102-20 shown in Bronze PSB

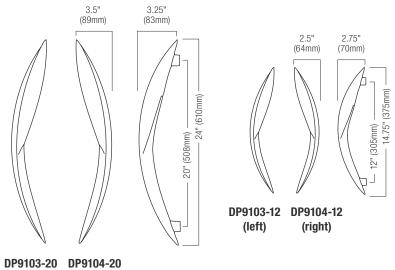




MATERIALS       Stainless Steel: US32 (polished), US32D (satin), SSS (stippled),         & FINISHES:       PSS (polished and satin)         Bronze: US9 (polished), US10 (satin), SBR (stippled),         US10B (oil-rubbed), S10 (stippled oil-rubbed), PSB (polished and satin)	MOUNTING OPTIONS:Single mounted or mounted back-to-back on wood, metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).	HOW TO Provide model number, center to SPECIFY: center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.
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DP9103-20 & DP9104-20 shown in Stainless Steel PSS



(left) (right)

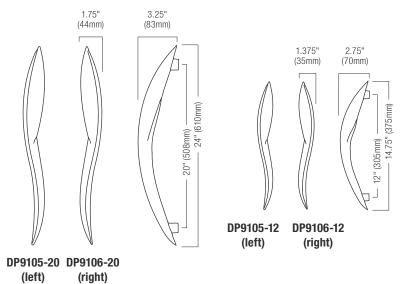
MATERIALSStainless Steel: US32 (polished), US32D (satin), SSS (stippled),& FINISHES:PSS (polished and satin)Bronze: US9 (polished), US10 (satin), SBR (stippled), US10B (oil-rubbed), S10 (stippled oil-rubbed), PSB (polished and satin)		Single mounted or mounted back-to-back on wood, metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).		Provide model number, center to center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.
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#### MERIDIAN<sup>™</sup> continued



DP9105-20 & DP9106-20 shown in Bronze PSB



#### $LYRA^{TM}$

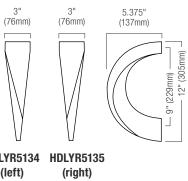


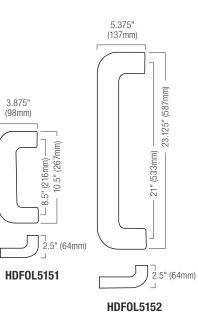
HDLYR5135 shown in Stainless Steel US32D

#### $\mathsf{FOL}\mathsf{IO}^{\mathsf{TM}}$



HDF0L5152 shown in Bronze US10





HDLYR5134 HDLYR5135 (left)

& FINISHES: Bronze: U	<b>Steel:</b> US32 (polished), US32D (satin), SSS (stippled) JS10 (satin) S4 (satin)	OPTIONS:	Single mounted on wood or metal doors. Back-to-back on wood, metal or glass doors. Refer to Mounting Options C1, C2, C3, C4, C5 (page 73).	SPECIFY:	Provide model number, quantity, metal and finish, mounting option, door material and thickness.



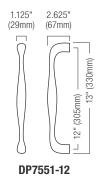
#### $\mathsf{CADENCE}^{^{\mathrm{TM}}}$



DP7551-12 shown in Bronze US10



DP7551-20 shown in Stainless Steel US32D



1.4375" (37mm) 3.1875" (81mm) DP7551-20

MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled) **MOUNTING** Single mounted or mounted back-to-back on wood, & FINISHES: Bronze: US9 (polished), US10 (satin), SBR (stippled), **OPTIONS:** metal or glass doors. Refer to Mounting Options B1, US10B (oil-rubbed), S10 (stippled oil-rubbed), WSB (combination B2, B3, B4, B5, B6, B7 (page 73). of wrought oil-rubbed & stippled oil-rubbed)

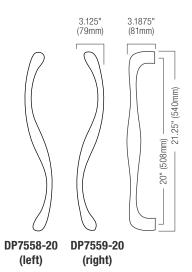
HOW TO Provide model number, center to SPECIFY: center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.

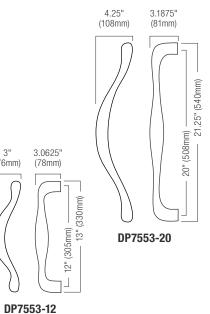


DP7559-20 shown in Stainless Steel US32D



DP7553-20 shown in Bronze US10B





3" (76mm)

MATERIALS	Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)	MOUNTI
& FINISHES:	Bronze: US9 (polished), US10 (satin), SBR (stippled),	OPTION
	US10B (oil-rubbed), S10 (stippled oil-rubbed), WSB (combination	
	of wrought oil-rubbed & stippled oil-rubbed)	

TING Single mounted or mounted back-to-back on wood, NS: metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).

HOW TO Provide model number, center to SPECIFY: center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.



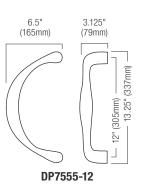
#### $\mathsf{CADENCE}^{\scriptscriptstyle{\mathsf{TM}}} \operatorname{continued}$



DP7555-12 shown in Stainless Steel US32



DP7552-20 shown in Bronze US10



DP7552-20

 
 MATERIALS
 Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)

 & FINISHES:
 Bronze: US9 (polished), US10 (satin), SBR (stippled), US10B (oil-rubbed), S10 (stippled oil-rubbed), WSB (combination of wrought oil-rubbed & stippled oil-rubbed)
 MOUNTING Single mounted or mounted back-to-back on wood, metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).

HOW TO Provide model number, center to SPECIFY: center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.



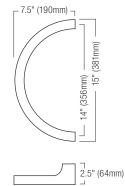


HDARA5131 shown in Stainless Steel US32



HDARA5132 shown in Brass US4





HDARA5132

MATERIALS<br/>& FINISHES:US32 (polished), US32D (satin), SSS (stippled)<br/>US10 (satin)<br/>US4 (satin)MOUNTING<br/>OPTIONS:Single mounted on wood or metal doors.<br/>Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).HOW TO<br/>SPECIFY:Provide model number, quantity,<br/>metal and finish, mounting option,<br/>door material and thickness.

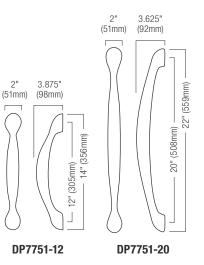


#### $\mathsf{ALLEGRO}^{\mathsf{TM}}$



DP7751-20 shown in Bronze US10

DP7753-20 shown in Stainless Steel US32D



4.625" (117mm) 3.875" (98mm) 3.5" (89mm) 22" (559mm) (89mm) 12" (305mm) \_\_\_\_\_\_ 14" (356mm) -20" (508mm) -DP7753-12 DP7753-20

3.5"

MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled) & FINISHES: Bronze: US9 (polished), US10 (satin), SBR (stippled), US10B (oil-rubbed), S10 (stippled oil-rubbed)

**MOUNTING** Single mounted or mounted back-to-back on wood, **OPTIONS:** metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).

HOW TO Provide model number, center to SPECIFY: center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.



DP7758-20 & DP7759-20 shown in Stainless Steel US32D

4.25" (108mm)	4" (102mm)	4.25" (108mm)	4" (102mm)
	20" (508mm)22" (559mm)		22" (559mm)
DP7758-20 (left)			7759-20 (right)

MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)	<b>MOUNTING</b> Single mounted or mounted back-to-back on wood,	<b>HOW TO</b> Provide model number, center to
& FINISHES: Bronze: US9 (polished), US10 (satin), SBR (stippled),	<b>OPTIONS:</b> metal or glass doors. Refer to Mounting Options	SPECIFY: center (c.c.) dimension, quantity,
US10B (oil-rubbed), S10 (stippled oil-rubbed)	B1, B2, B3, B4, B5, B6, B7 (page 73).	metal and finish, mounting option,
		door material and thickness.



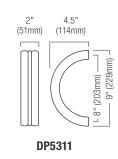
#### $\mathsf{ART}\mathsf{ISAN}^{{}^{\scriptscriptstyle\mathsf{TM}}}$

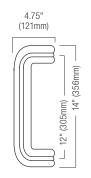


DP5311 shown in Bronze BZ1



DP5312 shown in Aluminum AL1





2.625" (67mm)

DP5312

MATERIALSBronze: BZ1 (hand-rubbed patina)& FINISHES:Brass: BR1 (hand-rubbed patina)Aluminum: AL1 (hand-rubbed patina)

MOUNTING<br/>OPTIONS:Single mounted on wood or metal doors.Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).

HOW TO Provide model number, quantity, SPECIFY: metal and finish, mounting option, door material and thickness.

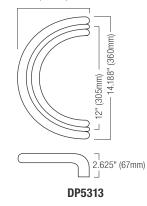


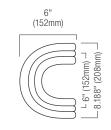
DP5313 shown in Brass BR1



DP5314 shown in Bronze BZ1

7.125" (181mm)







DP5314

MATERIALSBronze: BZ1 (hand-rubbed patina)& FINISHES:Brass: BR1 (hand-rubbed patina)Aluminum: AL1 (hand-rubbed patina)

MOUNTING<br/>OPTIONS:Single mounted on wood or metal doors.Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).

HOW TOProvide model number, quantity,SPECIFY:metal and finish, mounting option,<br/>door material and thickness.



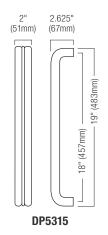
#### ARTISAN<sup>™</sup> continued



DP5315 shown in Bronze BZ1



DP5321 shown in Aluminum AL1







DP5321

MATERIALS Bronze: BZ1 (hand-rubbed patina) & FINISHES: Brass: BR1 (hand-rubbed patina) Aluminum: AL1 (hand-rubbed patina) MOUNTINGSingle mounted on wood or metal doors.OPTIONS:Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).

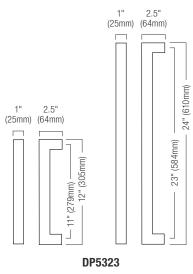
HOW TO Provide model number, quantity, SPECIFY: metal and finish, mounting option, door material and thickness.



DP5323 shown in Brass BR1



DP5322 shown in Bronze BZ1



DP5322

 MATERIALS
 Bronze: BZ1 (hand-rubbed patina)

 & FINISHES:
 Brass: BR1 (hand-rubbed patina)

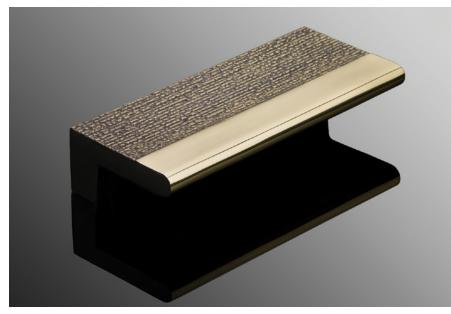
 Aluminum: AL1 (hand-rubbed patina)

MOUNTINGSingle mounted on wood or metal doors.OPTIONS:Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).

HOW TO Provide model number, center to SPECIFY: center (c.c.) dimension (DP5323), quantity, metal and finish, mounting option, door material and thickness.



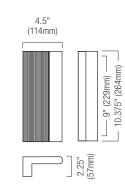
#### ARTISAN<sup>™</sup> continued



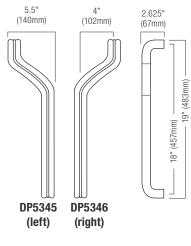
DP5324 shown in Brass BR1



DP5345 & DP5346 shown in Bronze BZ1



DP5324



MATERIALS<br/>& FINISHES:Bronze: BZ1 (hand-rubbed patina)MOUNTING<br/>Brass: BR1 (hand-rubbed patina)Single mounted on wood or metal doors.& FINISHES:Brass: BR1 (hand-rubbed patina)OPTIONS:Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).

HOW TO Provide model number, quantity, SPECIFY: metal and finish, mounting option, door material and thickness.

#### $\mathsf{SOLSTICE}^{^{\mathrm{TM}}}$

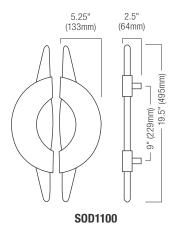


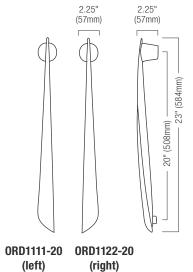
SOD1100 half moon shown in Stainless Steel US32 with vertical bar shown in Bronze US10B

#### $\mathsf{ORION}^{{}^{\mathrm{\tiny TM}}}$



ORD1111-20 grip shown in Stainless Steel US32D with standoff shown in Bronze US9





(right)

MATERIALS       Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)         & FINISHES:       Bronze: US9 (polished), US10 (satin), SBR (stippled), US10B (oil-rubbed)         US10B       (oil-rubbed)         (Each element may be specified in any of the materials & finishes listed.)	MOUNTING Single mounted or mounted back-to-back on wood, OPTIONS: metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).	HOW TO Provide model number, quantity, SPECIFY: metal and finish for each element, mounting option, door material and thickness.
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### CALYPSO

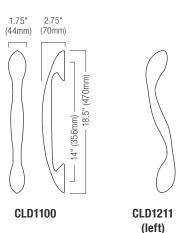


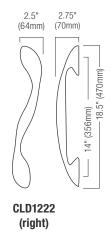
CLD1100 shown in Bronze US10



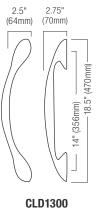
CLD1222 shown in Bronze US10B

CLD1300 shown in Stainless Steel US32D





(left)



MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled), & FINISHES: PSS (polished and satin)	MOUNTINGSingle mounted on wood or metal doors.OPTIONS:Back-to-back on wood, metal or glass doors.	HOW TO Provide model number, quantity, SPECIFY: metal and finish, mounting option,
Bronze: US9 (polished), US10 (satin), SBR (stippled), US10B (oil-rubbed), S10 (stippled oil-rubbed), PSB (polished and satin)	Refer to Mounting Options C1, C2, C3, C4, C5 (page 73).	door material and thickness.

#### $\mathsf{TRANGO}^{\mathsf{\tiny TM}}$

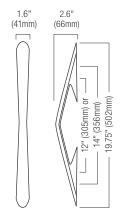


HDTRN1100 shown in Stainless Steel US32D

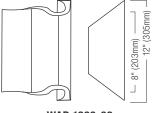
#### $\mathsf{WAVE}^{\mathsf{\tiny TM}}$



WAD1833-08 shown in Aluminum 301



7.75" (197mm) (IIII (197mm) (IIIII (197mm) (IIII (197mm) (IIII

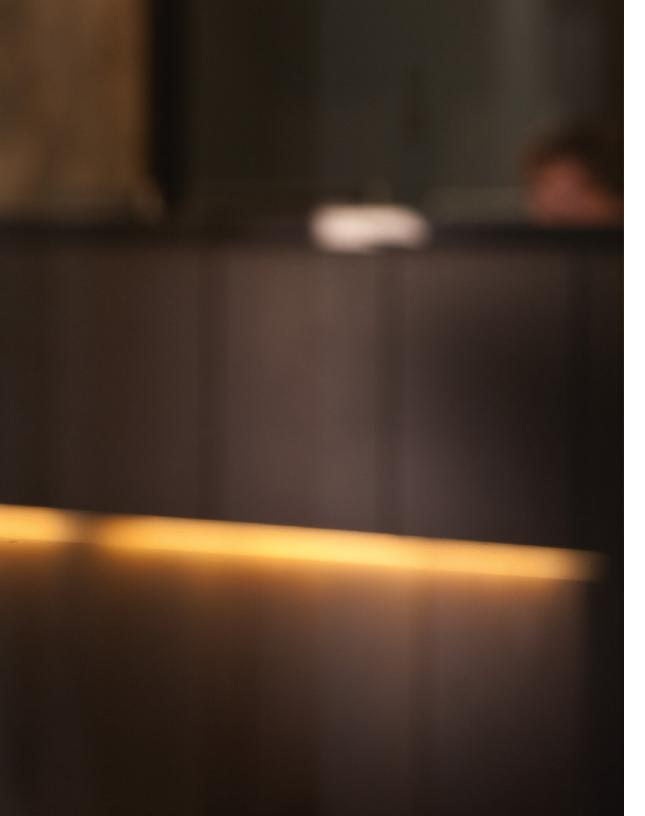


WAD 1833-08

HDTRN1100

MATERIALS       HDTRN1100 Stainless Steel: US32 (polished),         & FINISHES:       US32D (satin), SSS (stippled)         HDTRN1100 Bronze:       US9 (polished), US10 (satin),         SBR (stippled), US10B (oil-rubbed), S10 (stippled oil-rubbed)	WAD1833 Aluminum: 301 (Clear Polished), 302 (Clear Matte), 305 (Black Matte)	OPTIONS:	Single mounted on wood or metal doors. Back-to-back on wood, metal or glass doors. Refer to Mounting Options C1, C2, C3, C4, C5 (page 73).	SPECIFY:	Provide model number, center to center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.
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tubular

Tubular door pulls bring a clean, contemporary look to any entrance. Designed to complement without competing, pulls are available in round or rectangular profiles in a wide range of shapes and sizes. Material options include Stainless Steel, Bronze or Brass, each in a variety of finishes.

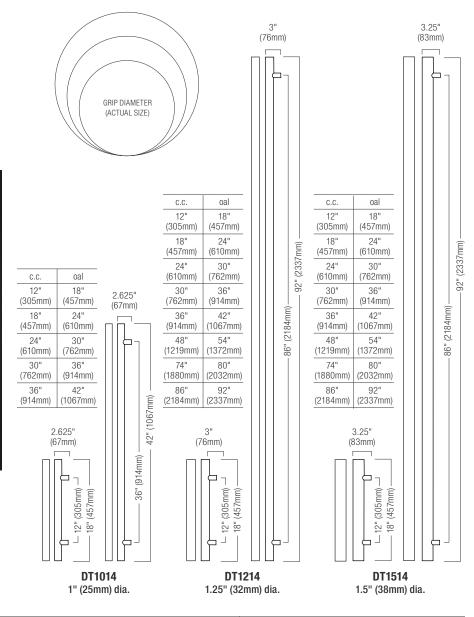
27 | FORMS+SURFACES

# ROUND



DT1214 shown in Stainless Steel US32D

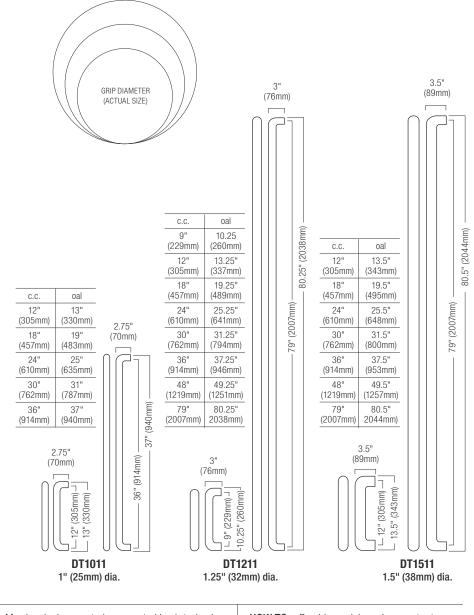
DT1214 & DT1514 are available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors. Please call or visit our website for more information on elevator handrail applications.





DT1211 shown in Bronze US10B

DT1211 & DT1511 are available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors. Please call or visit our website for more information on elevator handrail applications.



 MATERIALS
 Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)
 MOUNT

 & FINISHES:
 Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)
 OPTION

 Brass: US3 (polished), US4 (satin)
 Engraved lettering with black infill available.
 OPTION

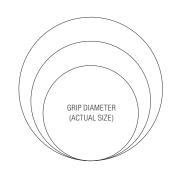
MOUNTING<br/>OPTIONS:May be single mounted or mounted back-to-back<br/>on wood, metal or glass doors. Refer to Mounting<br/>Options B1, B2, B3, B4, B5, B6, B7 (page 73).

HOW TOProvide model number, center toSPECIFY:center (c.c.) dimension, quantity,<br/>metal and finish, mounting option,<br/>door material and thickness.

#### ROUND continued



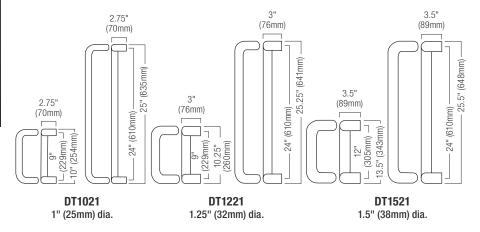
DT1221 shown in Brass US4



C.C.	oal
9"	10"
(229mm)	(254mm)
12"	13"
(305mm)	(330mm)
18"	19"
(457mm)	(483mm)
24"	25"
(610mm)	(635mm)

C.C.	oal
9"	10.25"
(229mm)	(260mm)
12"	13.25"
(305mm)	(337mm)
18"	19.25"
(457mm)	(489mm)
24"	25.25"
(610mm)	(641mm)

C.C.	oal
12"	13.5"
(305mm)	(343mm)
18"	19.5"
(457mm)	(495mm)
24"	25.5"
(610mm)	(648mm)

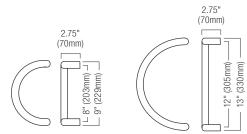


MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled) **MOUNTING** May be single mounted or mounted back-to-back HOW TO Provide model number, center to & FINISHES: Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed) **OPTIONS:** on wood, metal or glass doors. Refer to Mounting **SPECIFY:** center (c.c.) dimension, quantity, Brass: US3 (polished), US4 (satin) Options B1, B2, B3, B4, B5, B6, B7 (page 73). metal and finish, mounting option, Engraved lettering with black infill available. door material and thickness.

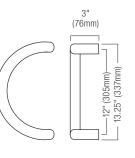


DT1231 shown in Bronze US10B

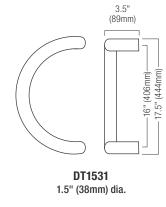




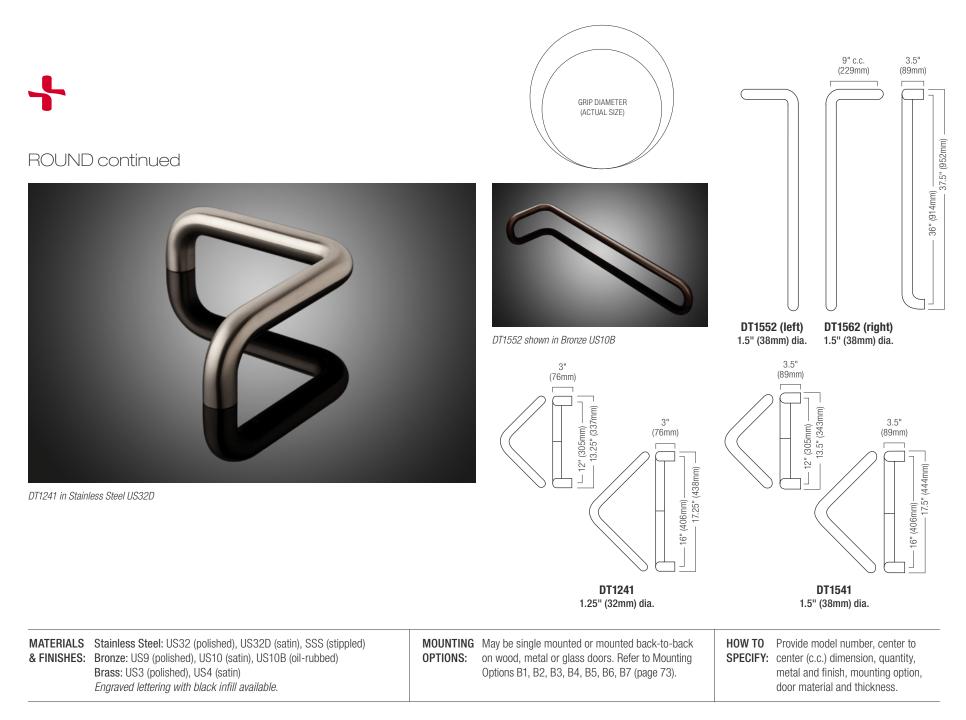






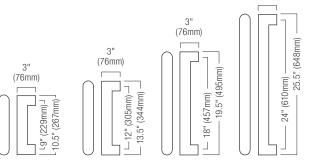


MATERIALS<br/>& Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)<br/>& FINISHES:MOUNTING<br/>Brass: US3 (polished), US10 (satin), US10B (oil-rubbed)<br/>Brass: US3 (polished), US4 (satin)<br/>Engraved lettering with black infill available.MOUNTING<br/>(oil-rubbed)<br/>OPTIONS:May be single mounted or mounted back-to-back<br/>on wood, metal or glass doors. Refer to Mounting<br/>Options B1, B2, B3, B4, B5, B6, B7 (page 73).HOW TO<br/>SPECIFY:Provide model number, center to<br/>center (c.c.) dimension, quantity,<br/>metal and finish, mounting option,<br/>door material and thickness.





DT1512 shown in Stainless Steel US32D



DT1512 1.5" (38mm) dia.

 MATERIALS
 Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)

 & FINISHES:
 Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)

 Brass: US3 (polished), US4 (satin)
 Engraved lettering with black infill available.

MOUNTING<br/>OPTIONS:May be single mounted or mounted back-to-back<br/>on wood, metal or glass doors. Refer to Mounting<br/>Options B1, B2, B3, B4, B5, B6, B7 (page 73).

HOW TOProvide model number, center toSPECIFY:center (c.c.) dimension, quantity,<br/>metal and finish, mounting option,<br/>door material and thickness.

3" (76mm)

— 16" (406mm) — 16" (537mm)

# -

#### **ROUND** continued



DT0631 in Stainless Steel US32D







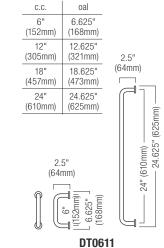
DT0611 in Stainless Steel US32D

2.875" (73mm)

Ъ

DT0631

.625" (16mm) dia.



.625" (16mm) dia.

C.C. oal 12" 12.625" (305mm) (321mm) 2.5" (64mm) 18.625" 18" (457mm) (473mm) 24" (610mm) 24.625" (625mm) - 24" (610mm) - 24.625" (625mm) -2.5" (64mm) └ 12" (305mm) ┘ DT0621 .625" (16mm) dia.

<ul> <li>MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)</li> <li>&amp; FINISHES: Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)</li> <li>Brass: US3 (polished), US4 (satin)</li> </ul>	<b>MOUNTING</b> May be single mounted or mounted back-to-back on wood, metal or glass doors. Refer to Mounting Options A1, A2, A3, A4, A5, A6 (page 73).	HOW TOProvide model number, center toSPECIFY:center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.
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#### 



HDCMT1212 shown in Stainless Steel US32D

GRIP DIAMETER AT WIDEST POINT (ACTUAL SIZE)



HDCMT1208 1.25" (32mm) dia., tapering to .75" (19mm) at ends

HDCMT1212 1.25" (32mm) dia., tapering to .75" (19mm) at ends

2.75" (70mm)

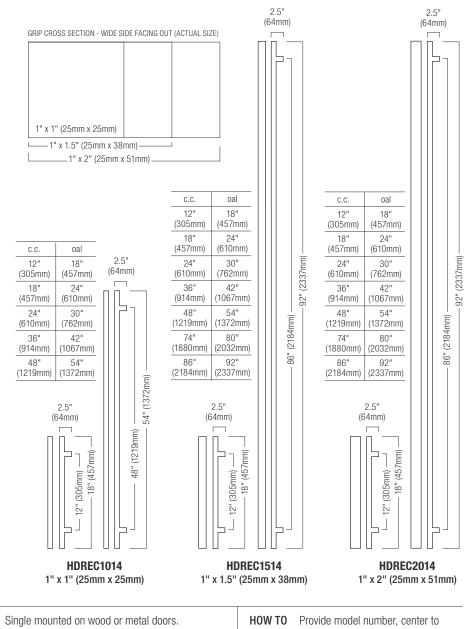
MATERIALSStainless Steel: US32 (polished), US32D (satin), SSS (stippled)& FINISHES:Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)Brass: US3 (polished), US4 (satin)	MOUNTING May be single mounted or mounted back-to-back OPTIONS: on wood, metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).	HOW TOProvide model number, center toSPECIFY:center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.

RECTANGULAR

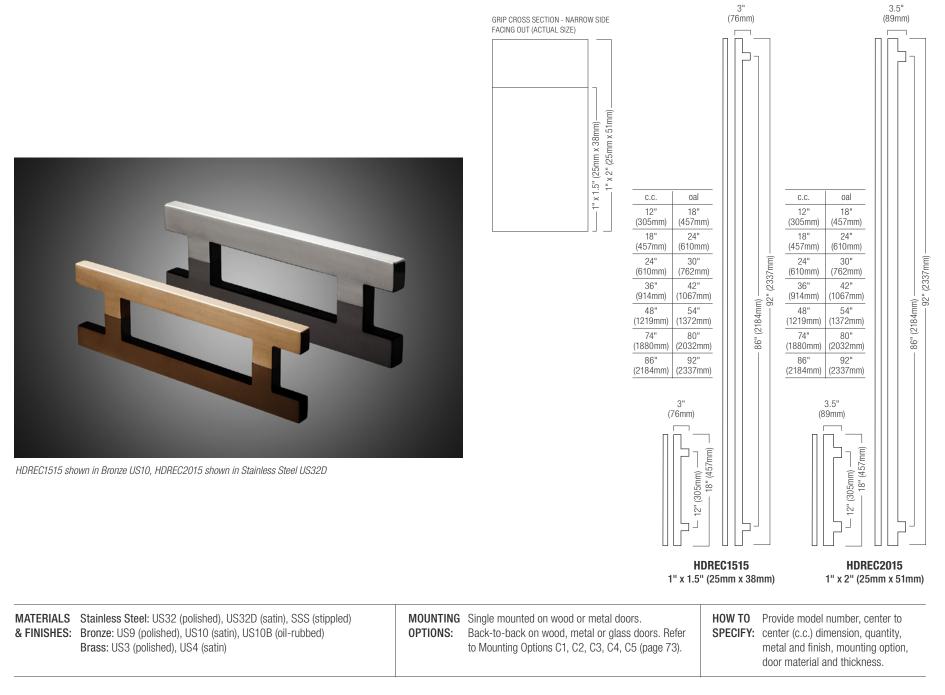


HDREC1014 shown in Brass US4, HDREC1514 shown in Bronze US10, HDREC2014 shown in Stainless Steel US32D

HDREC2014 is available as an ADA compliant handrail in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors. Please call or visit our website for more information on elevator handrail applications.



MATERIALSStainless Steel: US32 (polished), US32D (satin), SSS (stippled)<br/>Bronze: US9 (polished), US10 (satin), US10 (satin), US10B (oil-rubbed)<br/>Brass: US3 (polished), US4 (satin)MOUNTING<br/>optionsSingle mounted on wood or metal doors.<br/>Back-to-back on wood, metal or glass doors. Refer<br/>to Mounting Options C1, C2, C3, C4, C5 (page 73).HOW TO<br/>SPECIFY:Provide model number, center to<br/>center (c.c.) dimension, quantity,<br/>metal and finish, mounting option,<br/>door material and thickness.



GRIP CROSS SECTION - NARROW SIDE

3" (76mm)

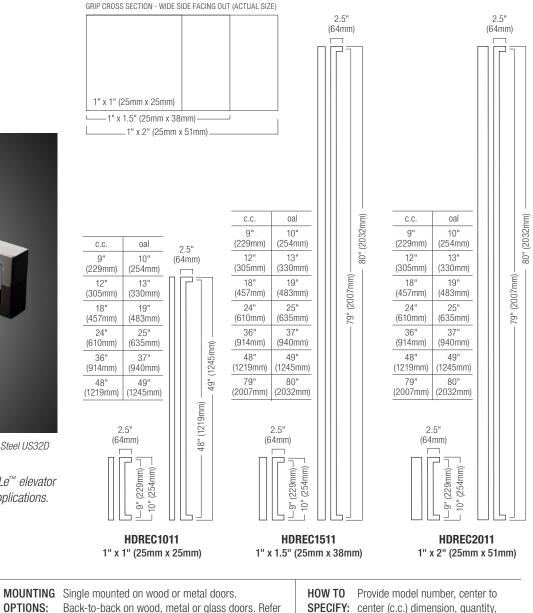
#### RECTANGULAR continued



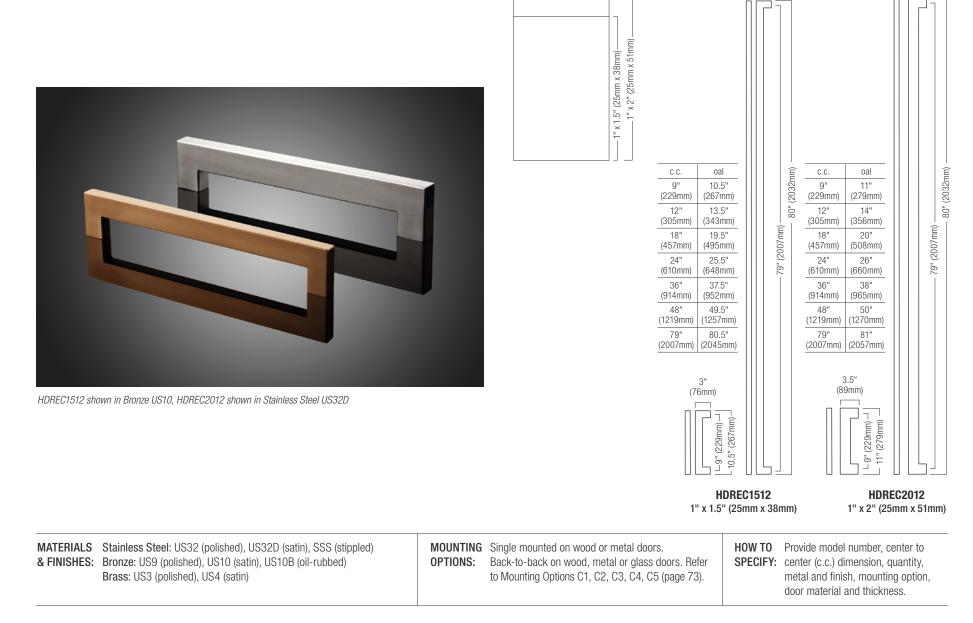
HDREC1011 shown in Brass US4, HDREC1511 shown in Bronze US10, HDREC2011 shown in Stainless Steel US32D

HDREC2011 is available as an ADA compliant handrail in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors. Please call or visit our website for more information on elevator handrail applications.

MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)



FORMS+SURFACES | 38



GRIP CROSS SECTION - NARROW SIDE FACING OUT (ACTUAL SIZE)

3.5"

(89mm)

3" (76mm) -

#### **RECTANGULAR** continued

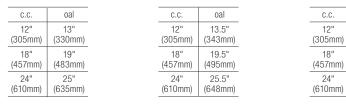


HDREC1521 shown in Stainless Steel US32D

#### GRIP CROSS SECTION - WIDE SIDE FACING OUT (ACTUAL SIZE)



\_\_\_\_\_1" x 2" (25mm x 51mm) \_\_\_\_\_



oal

14"

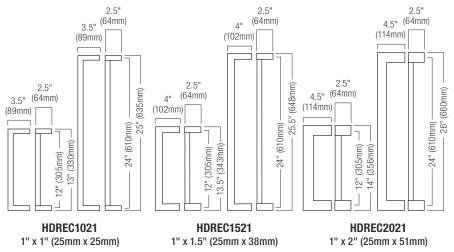
(356mm)

20"

(508mm)

26"

(660mm)



MATERIALSStainless Steel: US32 (polished), US32D (satin), SSS (stippled)& FINISHES:Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)Brass: US3 (polished), US4 (satin)		Single mounted on wood or metal doors. Back-to-back on wood, metal or glass doors. Refer to Mounting Options C1, C2, C3, C4, C5 (page 73).		Provide model number, center to center (c.c.) dimension, quantity, metal and finish, mounting option, door material and thickness.
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HDREC2041 shown in Bronze US10

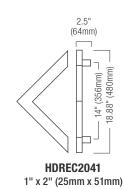
GRIP CROSS SECTION - WIDE SIDE FACING OUT (ACTUAL SIZE)

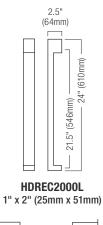


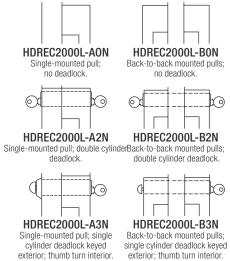
└──── 1" x 2" (25mm x 51mm) —



HDREC2000L shown in Stainless Steel US32D







<ul> <li>MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)</li> <li>&amp; FINISHES: Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)</li> <li>Brass: US3 (polished), US4 (satin)</li> </ul>	MOUNTINGHDREC2041: Single mounted or mounted back-to-back on wood, metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73).HDREC2000L: Single mounted on wood or metal doors. Back-to-back on wood, metal or glass doors. Refer to Mounting Options C1, C2, C3, C4, C5 (page 73).	HOW TO Provide model number, SPECIFY: quantity, metal and finish, mounting option, door material and thickness.
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6



## configurable

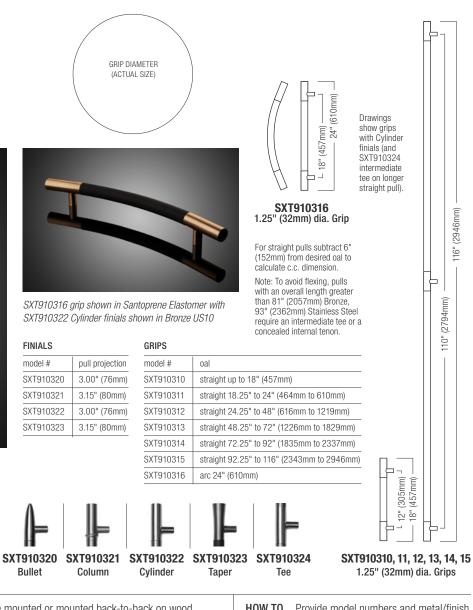
Configurable door pulls make it easy to create a custom look at a standard price. Based on an innovative kit-of-parts format, the group offers tremendous design flexibility. Distinctive shapes and configuration options, variable customer-defined sizing, and the ability to mix metals and finishes on a single pull add up to a collection that's ideal for new construction, retrofits, or settings where multiple materials are present.

# SEXTANT™ 1200



SXT910311 grip shown in Stainless Steel SSS with SXT910321 Column finials shown in Stainless Steel US32D

Available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors (excluding SXT910316). Please call or visit our website for more information on elevator handrail applications.



MATERIALSStainless Steel: US32 (polished), US32D (satin), SSS (stippled),<br/>Bronze: US9 (polished), US10 (satin), SBR (stippled),<br/>US10B (oil-rubbed – finials and intermediate tees only)<br/>Santoprene® Elastomer (grips only): BLACKMOUNTING<br/>Single mounted or mounted back-to-back on wood,<br/>metal or glass doors. Refer to Mounting Options B1,<br/>B2, B3, B4, B5, B6, B7 (page 73).HOW TO<br/>Provide model numbers and metal/finish<br/>for both grips and finials; quantities;<br/>pull oal or c.c.; mounting option; door<br/>material and thickness.

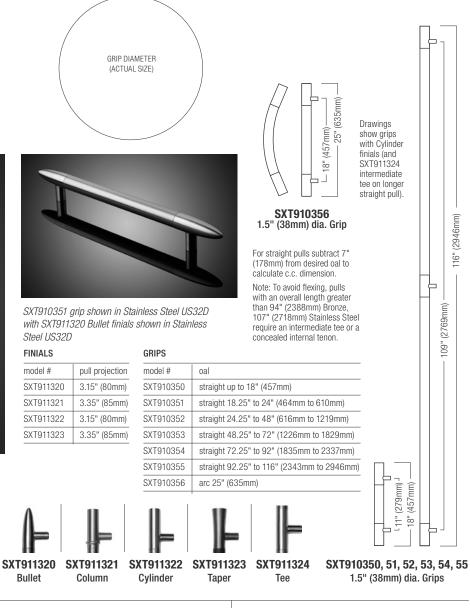
#### Sizing of Sextant door pulls is largely defined by the customer. Pull OAL = grip length (variable as shown above) + length of finials (and tee if required). Pull c.c. = spacing between finial standoffs. Finials are attached to grips at F+S factory.

### SEXTANT™ 1500



SXT910351 grip shown in Santoprene Elastomer with SXT911322 Cylinder finials shown in Bronze US10B

Available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors (excluding SXT910356). Please call or visit our website for more information on elevator handrail applications.



MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled) & FINISHES: Bronze: US9 (polished), US10 (satin), SBR (stippled), US10B (oil-rubbed – finials and intermediate tees only) Santoprene® Elastomer (grips only): BLACK

MOUNTING Single mounted or mounted back-to-back on wood, OPTIONS: metal or glass doors. Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 (page 73). HOW TOProvide model numbers and metal/finishSPECIFY:for both grips and finials; quantities;<br/>pull oal or c.c.; mounting option; door<br/>material and thickness.

Sizing of Sextant door pulls is largely defined by the customer. Pull OAL = grip length (variable as shown above) + length of finials (and tee if required). Pull c.c. = spacing between finial standoffs. Finials are attached to grips at F+S factory.

## -

#### COMPASS<sup>™</sup>800



920002 grip shown in Stainless Steel US32 with 920014 Cylinder standoffs shown in Stainless Steel US32D

STANDOF	FS	FLAT-END	GRIP
model #	pull projection	model #	08
920013	2.625" (67mm)	920001	st
920014	2.625" (67mm)	920002	st
920010	2.625" (67mm)	920003	st
920011	2.625" (67mm)	920046	st
920012	2.625" (67mm)		

Note: Standoffs should be spaced no more than than 30" (762mm) c.c. Longer lengths will require intermediate standoffs.

GRIP DIAMETER (ACTUAL SIZE)

model #	oal
920001	straight up to 14.75" (375mm)
920002	straight 15" to 34.75" (381mm to 883mm)
920003	straight 35" to 64.75" (889mm to 1645mm)
920046	straight 65" to 92" (1651mm to 2337mm)

#### ROUND-END GRIPS (OPPOSITE PAGE)

model #	oal
920004	straight 14.75" (375mm)
920005	semi-circle 10.875" (276mm)
920006	arc 14.25" (362mm)



**920012** Ing Clamshell

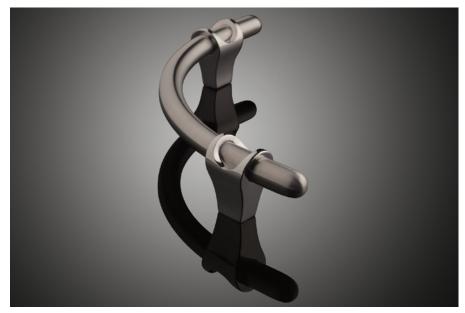
920001, 02, 03, 46 .875" (22mm) dia. Grips

14.75" (375mm)

92" (2337mm)

Stainless Steel (grips & standoffs): US32 (polished), US32D (satin), SSS (stippled)	Single mounted on wood or metal doors. Back-to-back on wood, metal or glass doors. Refer to	Provide model numbers and metal/finish for both grips and standoffs; quantities;
Bronze (standoffs only): US9 (polished), US10 (satin), US10B (oil-rubbed), SBR (stippled), S10 (stippled oil-rubbed)	Mounting Options C1, C2, C3, C4, C5 (page 73).	pull length; mounting option; door material and thickness.

Sizing of Compass door pulls is largely defined by the customer. Pull OAL = grip length and is variable as shown above. Pull c.c. = customer-defined spacing of standoffs on the grip. Standoffs are positioned on grips in the field by the customer.



920006 grip shown in Stainless Steel US32D with 920011 Double Ring standoffs shown in Stainless Steel US32





920004 grip shown in Stainless Steel US32D with 920010 Ring standoffs shown in Stainless Steel US32



920004 grip shown in Stainless Steel US32D with 920013 Bullet standoffs shown in Bronze US9



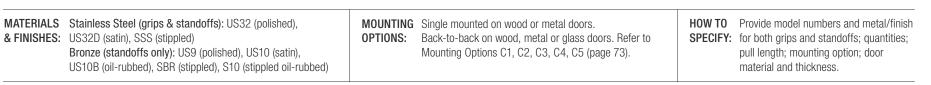


10.

920006 .875" (22mm) dia. Grip



920004 .875" (22mm) dia. Grip



Sizing of Compass door pulls is largely defined by the customer. Pull OAL = grip length as shown above. Pull c.c. = customer-defined spacing of standoffs on the grip. Standoffs are positioned on grips in the field by the customer.

#### COMPASS<sup>™</sup> 1200



912002 grip shown in Santoprene Elastomer with 912019 Double Ring standoffs shown in Stainless Steel US32

Available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors (exluding 912012). Please call or visit our website for more information on elevator handrail applications.



912012 grip shown in Stainless Steel US32 with 912017 Cylinder standoffs shown in Bronze US9

		roquiro intornoulato otariaoni		
S	FLAT-END GRIPS			
pull projection	model #	oal		
3.125" (79mm)	912000	straight up to 18" (457mm)		
3.125" (79mm)	912002	straight 18.25" to 24" (464mm to 610mm)		
3.125" (79mm)	912004	straight 24.25" to 48" (616mm to 1219mm)		
3.125" (79mm)	912006	straight 48.25" to 72" (1226mm to 1829mm)		
3.125" (79mm)	912008	straight 72.25" to 92" (1835mm to 2337mm)		
<u>.</u>	912010	straight 92.25" to 116" (2343mm to 2946mm)		
	912012	arc 24" (610mm)		
	pull projection 3.125" (79mm) 3.125" (79mm) 3.125" (79mm) 3.125" (79mm)	pull projection         model #           3.125" (79mm)         912000           3.125" (79mm)         912002           3.125" (79mm)         912004           3.125" (79mm)         912006           3.125" (79mm)         912008           912010         912010		



912017 Cylinder

912018 912019 Double Ring

Ring



3.125" (79mm)

24" (610mm)

912012

1.25" (32mm) dia. Grip

or 75" (1905mm) c.c. on straight Bronze grips. Longer lengths will

require intermediate standoffs.

912000, 02 04, 06, 08, 10 1.25" (32mm) dia. Grips

(457mm)

18"

116" (2946mm)

Bullet

Sizing of Compass door pulls is largely defined by the customer. Pull OAL = grip length and is variable as shown above. Pull c.c. = customer-defined spacing of standoffs on the grip. Standoffs are positioned on grips in the field by the customer.



912003 grip shown in Stainless Steel US32D with 912017 Cylinder standoffs shown in Stainless Steel US32

3.125" (79mm) GRIP DIAMETER (ACTUAL SIZE) 24" (610mm) 912013 1.25" (32mm) dia. Grip Note: Standoffs should be spaced no more than 87" (2210mm) c.c. on straight Stainless Steel grips or 75" (1905mm) c.c. on straight Bronze grips. Longer lengths 912013 grip shown in Stainless Steel US32 with 912016 will require intermediate Bullet standoffs shown in Bronze US9 standoffs. STANDOFFS ROUND-END GRIPS model # pull projection model # oal 912016 3.125" (79mm) 912001 straight up to 18" (457mm) 912017 3.125" (79mm) 912003 straight 18.25" to 24" (464mm to 610mm) 912018 3.125" (79mm) 912005 straight 24.25" to 48" (616mm to 1219mm) 912019 3.125" (79mm) 912007 straight 48.25" to 72" (1226mm to 1829mm) 912020 3.125" (79mm) 912009 straight 72.25" to 92" (1835mm to 2337mm) 912011 straight 92.25" to 116" (2343mm to 2946mm) 912013 arc 24" (610mm)





Ring



912019

**Double Ring** 



912020

Clamshell



912001, 03 05, 07, 09, 11 1.25" (32mm) dia. Grips

18" (457mm)

116" (2946mm)

MATERIALS	Stainless Steel: US32 (polished), US32D (satin), SSS (stippled)	MOUNTING	Single mounted or
& FINISHES:	Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed),	OPTIONS:	or glass doors (Clai
	SBR (stippled), S10 (stippled oil-rubbed)		Refer to Mounting (
			(for Classoball and )

Single mounted or mounted back-to-back on wood, metal or glass doors (Clamshell cannot single mount on glass).
 Refer to Mounting Options B1, B2, B3, B4, B5, B6, B7 or (for Clamshell only) C1, C2, C3, C4, C5 (page 73).

HOW TOProvide model numbers and metal/finishSPECIFY:for both grips and standoffs; quantities;<br/>pull length; mounting option; door<br/>material and thickness.

Sizing of Compass door pulls is largely defined by the customer. Pull OAL = grip length and is variable as shown above. Pull c.c. = customer-defined spacing of standoffs on the grip. Standoffs are positioned on grips in the field by the customer.

# QUADRANT™ 1000



HDQUA002 grip shown in Stainless Steel US32D with HDQUA010 Vise standoffs shown in Stainless Steel US32

Available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors (excluding HDQUA007). Please call or visit our website for more information on elevator handrail applications.



HDQUA007 grip shown in Bronze US10 with HDQUA008 Block standoffs shown in Bronze US10

STANDOFFS		GRIPS	1" X 1.5" (25mm X 38mm) Gi
model #	pull projection	grip model #	oal
HDQUA008	3.14" (80mm)	HDQUA001	straight up to 18" (457mm)
HDQUA009	3.14" (80mm)	HDQUA002	straight 18.25" to 24" (464mm to 610mm)
HDQUA010	3.14" (80mm)	HDQUA003	straight 24.25" to 48" (616mm to 1219mm)
		HDQUA004	straight 48.25" to 72" (1226mm to 1829mm)
	ame for 1000 and	HDQUA005	straight 72.25" to 92" (1835mm to 2337mm)
	Grip orientation determine door	HDQUA006	straight 92.25" to 116" (2343mm to 2946mm)
pull profile.		HDQUA007	Arc 24" (610mm)
t			Note: To avoid flexing, Standoffs should be spaced no more than 87" (2210mm) c.c. on straight Stainless Steel grips or 75" (1905mm) c.c. on straight Broze grips

Vise

HDQUA008 HDQUA009 HDQUA010 Block Clamp

c.c. on straight Bronze grips. Longer lengths will require intermediate standoffs.

24" (610mm)

1" x 1.5" (25mm x 38mm) GRIP CROSS SECTION - NARROW

SIDE FACING OUT (ACTUAL SIZE)

HDQUA007 1" x 1 5" (25mm x 38mm) Grip

116" (2946mm)

18" (457mm) HDQUA001, 02, 03, 04, 05, 06 1" x 1.5" (25mm x 38mm) Grips

MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled) & FINISHES: Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed), SBR (stippled), S10 (stippled oil-rubbed) Santoprene® Elastomer (grips only): BLACK

MOUNTING Single mounted on wood or metal doors. OPTIONS: Back-to-back on wood, metal or glass doors. Refer to Mounting Options C1, C2, C3, C4, C5 (page 73).

HOW TO Provide model numbers and metal/finish **SPECIFY:** for both grips and standoffs; quantities; pull oal and c.c.; mounting option; door material and thickness.

Sizing of Quadrant door pulls is largely defined by the customer. Pull OAL = grip length and is variable as shown above. Pull c.c. = customer-defined spacing of standoffs on the grip. Standoffs are attached to grips at F+S factory.

#### 1" x 1.5" (25mm x 38mm) GRIP CROSS SECTION - WIDE SIDE FACING OUT (ACTUAL SIZE)

#### QUADRANT<sup>™</sup> 1500



HDQUA002 grip shown in Stainless Steel US32D with HDQUA013 Vise standoffs shown in Stainless Steel US32

Available as ADA compliant handrails in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors (excludin HDQUA007). Please call or visit our website for more information on elevator handrail applications.



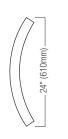
HDQUA007 grip shown in Bronze US10 with HDQUA012 Clamp standoffs shown in Stainless Steel US32D

pull projection	grip model #	I .
	grip model #	oal
2.64" (67mm)	HDQUA001	strai
2.64" (67mm)	HDQUA002	strai
2.64" (67mm)	HDQUA003	strai
	HDQUA004	strai
ame for	HDQUA005	strai
standoffs	HDQUA006	strai
determine door pull profile.		Arc
	2.64" (67mm) 2.64" (67mm) ame for 0 Series. Grip standoffs	2.64" (67mm)         HDQUA002           2.64" (67mm)         HDQUA003           HDQUA003         HDQUA004           ame for         HDQUA005           Series. Grip standoffs         HDQUA006



HDQUA011 HDQUA012 HDQUA013 Block Clamp

Note: To avoid flexing, Standoffs should be spaced no more than 87" (2210mm) c.c. on straight Stainless Steel grips or 75" (1905mm) c.c. on straight Bronze grips. Longer lengths will require intermediate standoffs.



HDQUA007 1" x 1.5" (25mm x 38mm) Grip

traight up to 18" (457mm) traight 18.25" to 24" (464mm to 610mm) traight 24.25" to 48" (616mm to 1219mm) traight 48.25" to 72" (1226mm to 1829mm) traight 72.25" to 92" (1835mm to 2337mm) traight 92.25" to 116" (2343mm to 2946mm) rc 24" (610mm) 18" (457mm)

HDQUA001, 02, 03, 04, 05, 06 1" x 1.5" (25mm x 38mm) Grips

116" (2946mm)

MATERIALS Stainless Steel: US32 (polished), US32D (satin), SSS (stippled) & FINISHES: Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed), SBR (stippled), S10 (stippled oil-rubbed) Santoprene® Elastomer (grips only): BLACK

MOUNTING Single mounted on wood or metal doors. Back-to-back on wood, metal or glass doors. Refer to OPTIONS: Mounting Options C1, C2, C3, C4, C5 (page 73).

**HOW TO** Provide model numbers and metal/finish **SPECIFY:** for both grips and standoffs; quantities; pull oal and c.c.; mounting option; door material and thickness.

Sizing of Quadrant door pulls is largely defined by the customer. Pull OAL = grip length and is variable as shown above. Pull c.c. = customer-defined spacing of standoffs on the grip. Standoffs are attached to grips at F+S factory.

Vise



#### MODULAR

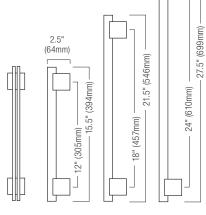


DP6123 with grip shown in Stainless Steel US32D and standoffs shown in Stainless Steel US32

DP6121 is available as an ADA compliant handrail in our CabForms<sup>®</sup> and LEVELe<sup>™</sup> elevator interiors. Please call or visit our website for more information on elevator handrail applications.



DP6121 with grip shown in Brass US3 and standoffs shown in Black Anodized Aluminum



2.875"

(73mm)

17" (432mm)

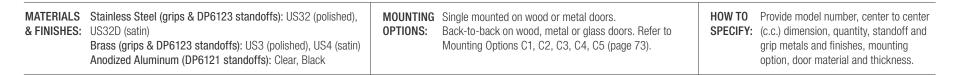
12" (305mm)

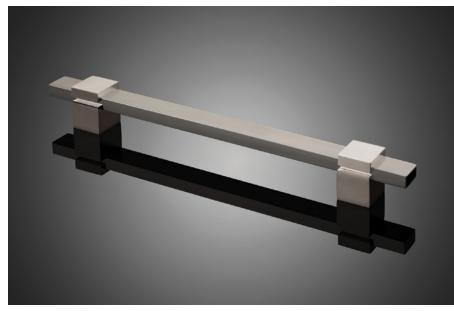
DP6121

23" (584mm)

18" (457mm)

DP6123

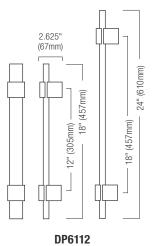




DP6112 with grip shown in Stainless Steel US32D and standoffs shown in Stainless Steel US32



DP6912 with grip shown in Stainless Steel US32D and standoffs shown in Brass US3



C = 24" (610mm) - 25.5" (648mm) - 25.5" (648mm

DP6912

MOUNTING<br/>OPTIONS:Single mounted on wood or metal doors.Back-to-back on wood, metal or glass doors. Refer to<br/>Mounting Options C1, C2, C3, C4, C5 (page 73).

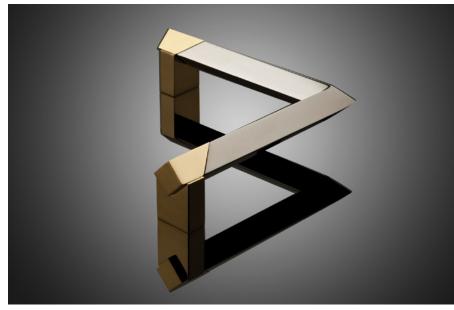
**HOW TO** Provide model number, center to center **SPECIFY:** (c.c.) dimension, quantity, standoff and grip metals and finishes, mounting option, door material and thickness.

MATERIALS Stainless Steel: US32 (polished), US32D (satin) & FINISHES: Brass: US3 (polished), US4 (satin)

53 | FORMS+SURFACES



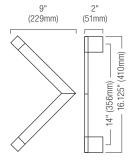
#### MODULAR continued



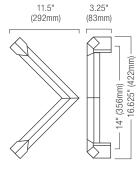
DP6926 with grip shown in Stainless Steel US32 and standoffs shown in Brass US3



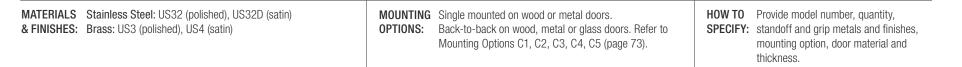
DP6916 with grip shown in Stainless Steel US32 and standoffs shown in Stainless Steel US32D



DP6916

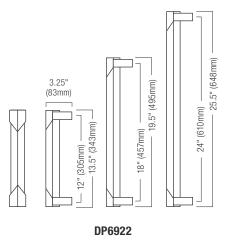


DP6926

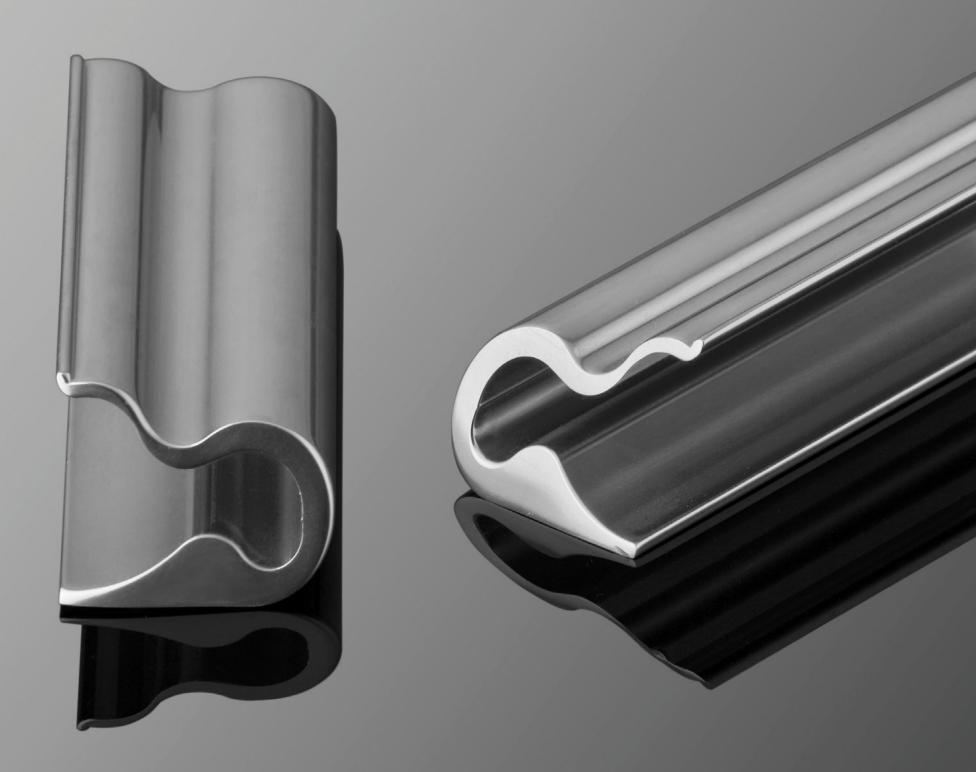




DP6922 with grip shown in Stainless Steel US32D and standoffs shown in Stainless Steel US32



MATERIALS<br/>& FINISHES:Stainless Steel:US32 (polished), US32D (satin)Single mounted on wood or metal doors.<br/>Back-to-back on wood, metal or glass doors. Refer to<br/>Mounting Options C1, C2, C3, C4, C5 (page 73).HOW TO<br/>SPECIFY:Provide model number, center to center<br/>SPECIFY:MOUNTING<br/>Back-to-backSingle mounted on wood or metal doors.<br/>Back-to-back on wood, metal or glass doors. Refer to<br/>Mounting Options C1, C2, C3, C4, C5 (page 73).HOW TO<br/>SPECIFY:Provide model number, center to center<br/>SPECIFY:MOUNTING<br/>Mounting Options C1, C2, C3, C4, C5 (page 73).Mounting Option, door material and thickness.



## cabinet pulls

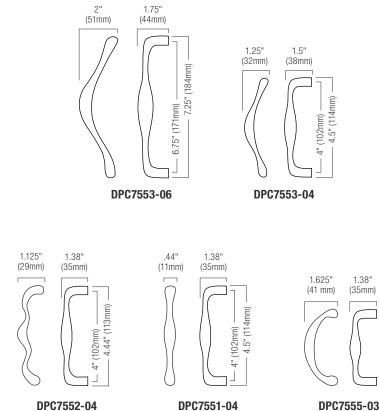
Forms+Surfaces cabinet pulls are the result of more than four decades of design and manufacturing innovation. Shaped to complement our door pulls or be used on their own, pulls are available in Stainless Steel, Bronze, Brass, Chrome, Aluminum and Black Neoprene.



#### $\mathsf{CADENCE}^{{}^{\mathrm{\tiny TM}}}$



L-R: DPC7553-06, DPC7552-04, DPC7553-04, DPC7551-04 shown in Stainless Steel US32D



DPC7555-03 (not shown in photo)

- 3" (76mm) -3.44" (87mm)

MATERIALSStainless Steel: US32 (polished), US32D (satin)INS& FINISHES:Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)		Cadence cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using 8-32x1" screws (included with order).		Provide cabinet pull model number, quantity, metal and finish.
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#### $LUNA^{TM}$



LUC1100-01 shown in Bronze US10B

MATERIALS Stainless Steel: US32 (polished), US32D (satin)

& FINISHES: Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)

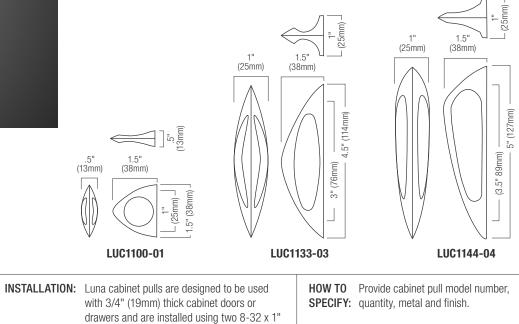




LUC1133-03 shown in Stainless Steel US32D

screws (included with order).

LUC1144-04 shown in Bronze US9

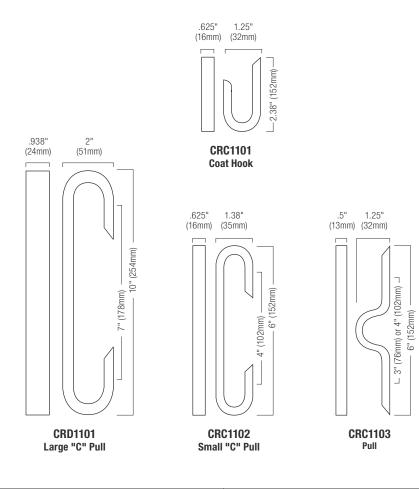




## 



Clockwise from top left: CRD1101, CRC1102, CRC1101 & CRC1103 shown in Stainless Steel MSS



 MATERIALS
 Stainless Steel: MSS (matte), US32 (polished)
 INSTALLATION:
 Circuit cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using two 8-32 x 1" screws (included with order).\*
 HOW TO
 Provide cabinet pull model number, center-to-center dimension (CRC1103 only), quantity, metal and finish.

\*Due to installation variances, mounting screws are not provided with Circuit coat hooks unless requested. The CRD1101 Large "C" cabinet pull is suitable for single throughbolt mount only, on wood or metal faces.

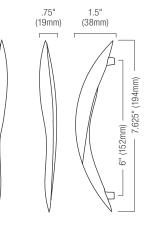
### $\mathsf{MERIDIAN}^{^{\mathrm{TM}}}$



DPC9102 shown in Stainless Steel US32D



DPC9101, DPC9102 shown in Bronze US10

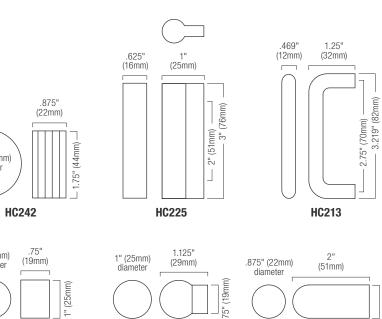


DPC9101 (left)

DPC9102 (right)

## NEOPRENE





875" (22mm)

HC254

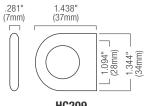
L-R: HC242, HC225, HC213, HC202, HC215, HC254, HC209

For additional sizes and more design options visit www.forms-surfaces.com

1.75" (44mm) diameter

1" (25mm) diameter

HC202



HC215

HC209

MATERIALS Neoprene: molded neoprene over metal cores & FINISHES: Color: Black	<b>INSTALLATION:</b> Neoprene cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using a variety of screws (included with order).	<b>HOW TO</b> Provide cabinet pull model number <b>SPECIFY:</b> and quantity.
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#### $\mathsf{WAVE}^{\mathsf{\tiny TM}}$



WAC1833-03 shown in 305 (black matte), WAC1833-04 shown in 302 (clear matte)

For additional sizes and more design options visit www.forms-surfaces.com



WAC1800-01 shown in 305 (black matte) and 302 (clear matte)

1.125" (29mm)

1.5" (38mm)

WAC1833-03

1.5"

(38mm)

**Cross Section** 

1.5" (38mm)

 $\square$ 

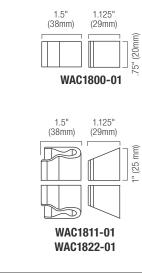
WAC1833-04

1.125" (29mm)

- 4" (102mm) - - - - - - - - - - - - - - - 5" (127mm) - -



WAC1822-01, WAC1811-01 shown in 302 (clear matte)



<ul><li>MATERIALS Anodized Aluminum: 301 (clear polished), 302 (clear matte),</li><li>&amp; FINISHES: 305 (black matte)</li></ul>	<b>INSTALLATION:</b> Wave cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using a variety of screws (included with order).	HOW TOProvide cabinet pull model number,SPECIFY:quantity and finish.
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## TOKEN



L-R: HC461, HC462 & HC463 shown in Chrome US26D, HC401 shown in Chrome US26, HC465 shown in Matte Black Anodized Aluminum

For additional sizes and more design options visit www.forms-surfaces.com

MATERIALSAnodized Aluminum (all except HC401): Matte Black& FINISHES:Brass: US3 (polished)Chrome: US26 (polished), US26D (satin)	<b>INSTALLATION:</b> Token cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using a variety of screws (included with order).	HOW TO Provide cabinet pull model number, SPECIFY: quantity, metal and finish.
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.688" (17mm) 1" (25mm) diameter

.875" (22mm) diameter

HC461

HC401

.875" (22mm) 688" (17mm)

875" (22mm)

.688" (17mm) 1" (25mm) diameter

.688" (17mm) 1" (25mm) diameter

HC462

HC465

1.094" (28mm)

HC463

.688" (17mm)

.688" (17mm) diameter

688" (17mm)

688" (17mm)



L-R: HC403, HC464 & HC402 shown in Brass US3, HC404 shown in Chrome US26

For additional sizes and more design options visit www.forms-surfaces.com

MATERIALS Anodized Aluminum (HC464 only): Matte Black & FINISHES: Brass: US3 (polished) Chrome: US26 (polished), US26D (satin)	<b>INSTALLATION:</b> Token cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using a variety of screws (included with order).	HOW TOProvide cabinet pull model number,SPECIFY:quantity, metal and finish.
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1" (25mm) diameter

.875" (22mm) diameter 1.25" (29mm)

HC403

HC402

1" (25mm)

.75" (19mm)

875" (22mm)

.875" (22mm) diameter

1" (25mm) diameter 1" (25mm)

.875" (22mm)

HC464

HC404

625" (16mm)

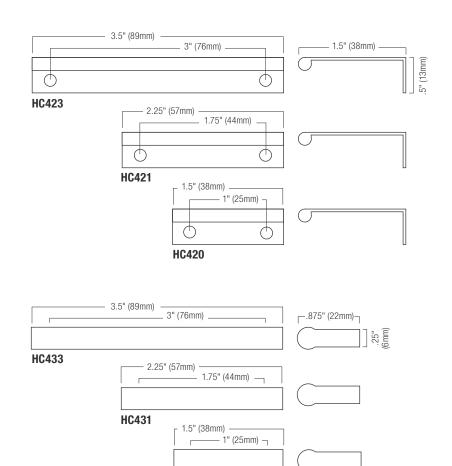
813" (21mm)



#### $\mathsf{MESA}^{\mathsf{\tiny TM}}$



Clockwise from top left: HC423, HC421, HC420, HC433, HC431, HC430



HC430

MATERIALS Anodized Aluminum: & FINISHES:	<b>INSTALLATION:</b> Mesa cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using a variety of screws (included with order).	HOW TOProvide cabinet pull model number,SPECIFY:quantity and finish.
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#### $\mathsf{SWEEP}^{\scriptscriptstyle\mathsf{TM}}$

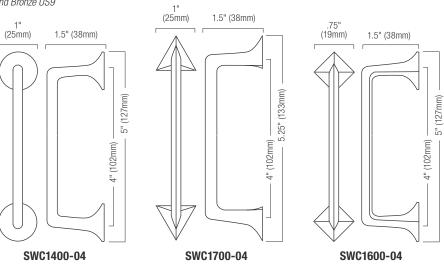


Top to Bottom: SWC1400-04, SWC1700-04, SWC1600-04 shown in Stainless Steel US32 and Bronze US9

For additional sizes and more design options visit www.forms-surfaces.com



SWC1400-01 shown in Stainless Steel US32 and Bronze US9



1" (25mm)

1.5" (38mm)

SWC1400-01

MATERIALSStainless Steel: US32 (polished), US32D (satin)& FINISHES:Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)	<b>INSTALLATION:</b> Sweep cabinet pulls are designed to be used with 3/4" (19mm) thick cabinet doors or drawers and are installed using a variety of screws (included with order).	HOW TO Provide cabinet pull model number, SPECIFY: quantity, metal and finish.
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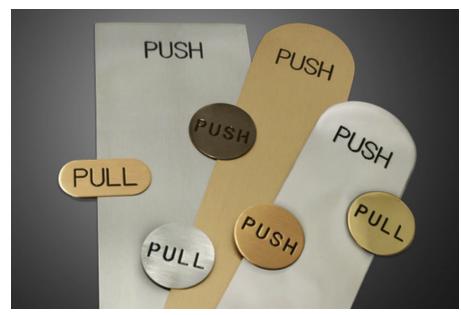
## options & pricing

Choose from a variety of push plates and indicator discs to match your door pull selection. Determine materials and finishes suitable for your project. And find the right mounting option for your door type.

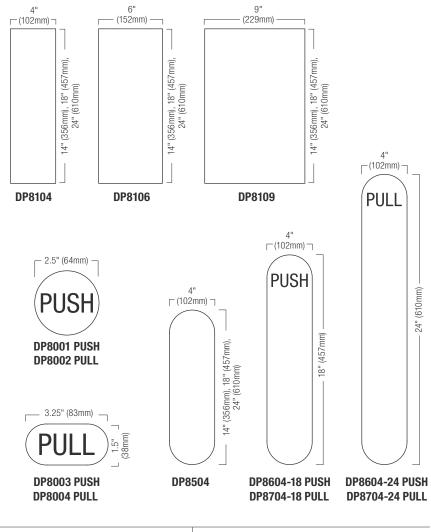
The information presented in this catalog is intended as a starting point. For current pricing, product data sheets, and additional series-specific details, visit our website at www.forms-surfaces.com.

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#### PUSH PLATES & INDICATOR DISCS



Clockwise from left: DP8004, DP8106, DP8001, DP8604-18, DP8604-24, DP8002, DP8001, DP8002



MATERIALSStainless Steel: US32 (polished), US32D (satin)& FINISHES:Bronze: US9 (polished), US10 (satin), US10B (oil-rubbed)Brass: US3 (polished), US4 (satin)Lettering is recessed and filled in black	MOUNTINGPush plates and indicator discs are designed to be mounted with a two-part epoxy (included with order). To be used beneath a door pull, they may be drilled for mounting for an additional nominal fee.	<ul><li>HOW TO Provide model number, quantity, metal</li><li>SPECIFY: and finish, mounting option, door</li><li>material and thickness, door type and</li><li>handing, vertical or horizontal engraving.</li></ul>
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#### MATERIALS & FINISHES







302 Material: Aluminum Finish: Clear Matte



305 Material: Aluminum Finish: Black Matte



Material: Santoprene® Finish: Black



Material: Brass Finish: Polished



Not all metal and finish combinations shown are available for all pulls.

US4 Material: Brass Finish: Satin



US9 Material: Bronze Finish: Polished



US10 Material: Bronze Finish: Satin



US10B Material: Bronze Finish: Oil-Rubbed



SBR Material: Bronze Finish: Stippled



S10 Material: Bronze Finish: Stippled Oil-Rubbed



WSB Material: Bronze Finish: Wrought Oil-Rubbed



US32 Material: Stainless Steel Finish: Polished



US32D Material: Stainless Steel Finish: Satin



SSS Material: Stainless Steel Finish: Stippled



AL1 Material: Aluminum Finish: Hand-Rubbed Patina









BZ1 Material: Bronze Finish: Hand-Rubbed Patina

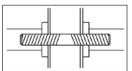
## DOOR PULL OVERVIEW & ORDERING GUIDELINES

The following chart provides an overview of our three door pull collections—Cast, Tubular and Configurable—and can serve as a guide for ordering Forms+Surfaces door pulls.

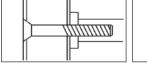
	CAST DOOR PULLS (refer to pages 7-25)	TUBULAR DOOR PULLS (refer to pages 27-41)	CONFIGURABLE DOOR PULLS (refer to	pages 43-55)
Construction	Cast door pulls are cast of solid metal.	Tubular door pulls feature round or rectangular tubular profiles in various diameters and cross-section sizes.	Configurable door pulls consist of multiple elements that must be specified separately. Based on a "kit of parts" format, families within this collection allow specifiers to choose from a range of standard components to create custom-looking door pull designs.	
Design Options	Designs range from organic sculptural forms to crisp geometric shapes.	Options include round or rectangular tubular profiles in a variety of sizes and orientations, and straight, offset, angled	Individual pulls consist of two basic elements that must be specified separately: Grips and Standoffs or Finials.	
	or c-shaped designs.	<ul> <li>GRIPS</li> <li>The "graspable" part of the pull. Design options include:</li> <li>straight or curved versions</li> <li>round or rectangular profiles in a variety of sizes and orientations</li> </ul>	STANDOFFS / FINIALS The two (or more) elements that support the grip. Some pulls have finials; others have standoffs. The function of each is similar. Design options vary per family and include a variety of distinctive shapes.	
Sizes	Overall length and center-to-center dimensions are generally fixed per Cast door pull design/model. See individual product pages for specifics.	Tubular door pulls are available in numerous standard overall lengths and/or center-to-center options. Custom sizes are also available. See individual product pages for specifics.	Sizing of most Configurable door pulls is defined by the customer, not by pre-set options. In most cases, overall lengths and/or center-to-center dimensions are completely variable and allow customers to specify grip lengths and/or standoff spacing to meet project-specific requirements. See individual product pages for specifics.	
Metals & Finishes	<ul> <li>Individual pulls consist of a single metal/finish combination.</li> <li>Metal options vary per family and include Stainless Steel, Bronze, Brass and/or Aluminum.</li> <li>Finishes are defined per metal.</li> <li>See individual product pages for product-specific options.</li> </ul>	<ul> <li>Individual pulls consist of a single metal/finish combination.</li> <li>Metal options vary per family and include Stainless Steel, Bronze and/or Brass.</li> <li>Finishes are defined per metal.</li> <li>See individual product pages for product-specific options.</li> </ul>	<ul> <li>On individual pulls, Grips and Standoffs / Finials may be specified in matching or contrasting metals and finishes. For each:</li> <li>Metal options vary per family and include Stainless Steel, Bronze and/or Brass.</li> <li>Finishes are defined per metal.</li> <li>See individual product pages for product-specific options.</li> </ul>	
Mounting Options	Varies per door pull design. See product pages and Mounting Options chart on page 73 for details.	Varies per door pull design. See product pages and Mounting Options chart on page 73 for details.	Varies per door pull design. See product pages and Mounting Options chart on page 73 for details.	
To Order Specify All information listed is required for order processing.	<ul> <li>Door pull quantity</li> <li>Door pull model number</li> <li>Door pull metal &amp; finish</li> <li>Door pull dimensions (as applicable per design; refer to product page for details)</li> <li>Door material &amp; thickness</li> <li>Mounting option (refer to individual product pages for product-specific options)</li> </ul>	<ul> <li>Door pull quantity</li> <li>Door pull model number</li> <li>Door pull metal &amp; finish</li> <li>Door pull dimensions (as applicable per design; refer to product page for details)</li> <li>Door material &amp; thickness</li> <li>Mounting option (refer to individual product pages for product-specific options)</li> </ul>	<ul> <li>Door pull quantity</li> <li>Grip model number</li> <li>Standoff / Finial model number</li> <li>Grip metal &amp; finish</li> <li>Standoff / Finial metal &amp; finish</li> <li>Standoff/ Finial quantity as required per design (</li> <li>Door material &amp; thickness</li> <li>Mounting option (refer to individual procession)</li> </ul>	

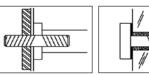
## MOUNTING OPTIONS

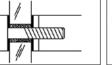
#### Α



or metal door with Rota-Lok.

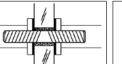






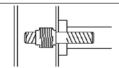
A-4 Single mount on glass door

with end cap purchased separately.



A-5 Back-to-back mount on glass

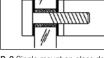
door with Rota-Lok.



\*A-6 Concealed single mount on wood door with threaded insert and Rota-Lok.

#### B

V/////////// 

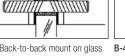


metal door with through bolt.



A-1 Back-to-back mount on wood A-2 Single mount on wood or

B-2 Single mount on glass door with end cap purchased separately. door with Rota-Lok.



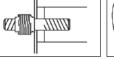
A-3 Concealed single mount on

aluminum frame door with Rota-

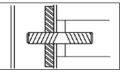
Lok and customer's reinforcement.

B-3 Back-to-back mount on glass B-4 Single mount on wood or metal \*B-5 Concealed single mount door with through bolt.

door with shoulder bolt.







B-6 "L" Configuration: Adapt one end of each pull for back-to-back mounting with Rota-Lok. Specifiy "B" mounting for other ends.

B-7 Concealed single mount on aluminum frame door with Rota-Lok and customer's reinforcement.



Ŧ ()))))))))

C-1 Back-to-back mount on wood or metal door with shoulder bolt.

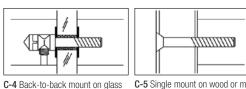
C-2 Concealed single mount

reinforcement.

on aluminum frame door with shoulder bolt and customer's threaded insert.

(FX)

\*C-3 Concealed single mount on wood door with shoulder bolt and

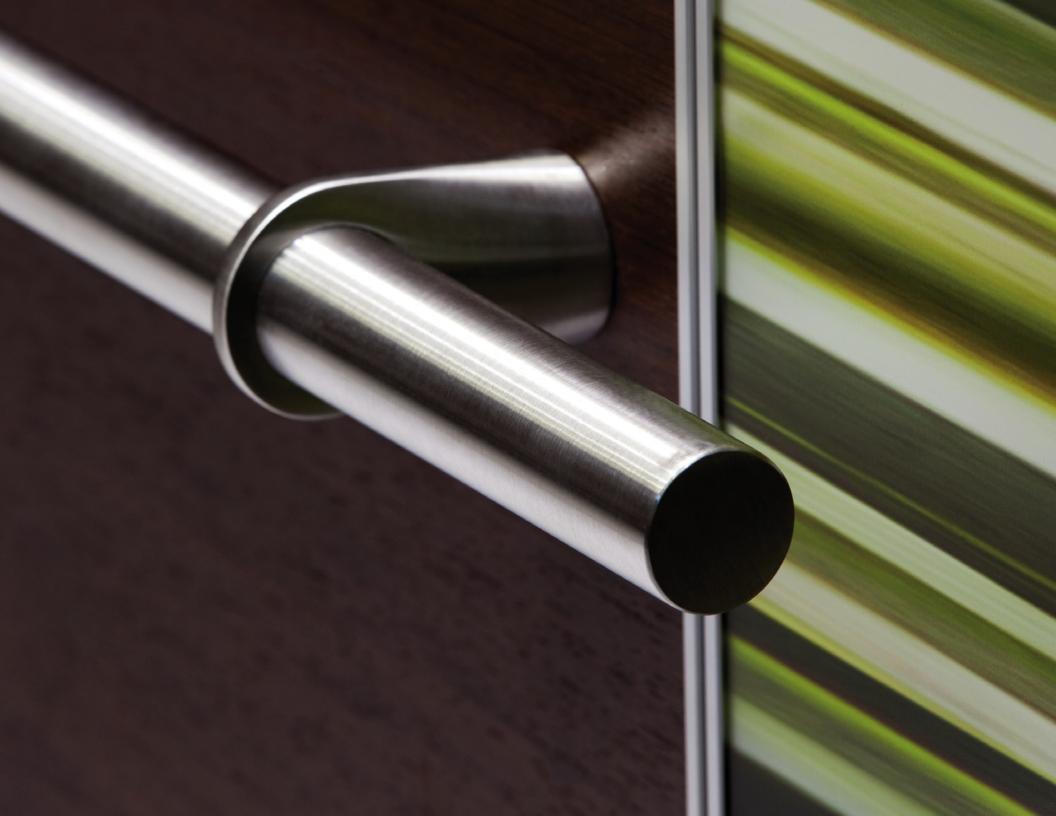


C-5 Single mount on wood or metal door with through bolt.

on wood door with threaded

insert and Rota-Lok.

\*Forms+Surfaces offers but does not recommend concealed mounting on wood doors. Frequent or heavy use can compromise the integrity of this mounting.



## system applications

Our door pulls offer unparalleled creative freedom. However, the visual possibilities don't stop there. Our product mix also includes expertly crafted doors whose design themes, materials and finishes complement those in our door pull line. In addition, several of our standard pulls are available as handrails in our LEVELe<sup>™</sup> and CabForms<sup>®</sup> elevator interiors.

-

#### DOORS & DOOR PULLS







clockwise from left to right: 1) Stainless Steel doors with Dallas Impression pattern and Stainless Rectangular pulls; 2) Fused Bronze door with Sextant pull; 3) ViviForm Impression Glass doors with Meridian pulls; 4) Bonded Bronze doors with Ara pulls

Stainless Steel and Fused Metal<sup>®</sup> Doors unite a full range of UL<sup>®</sup> fire labeling options with an extensive array of designs, patterns and Fused Metal colors. The result is a line of beautiful, affordable alternatives to generic fire doors.

**Stile & Rail Doors** combine sophistication with design flexibility. Three configurations

and a variety of materials and finishes make custom doors easily attainable.

**Bonded Metal® Doors** are made from a highly durable cast composite with the character and appearance of solid metal. A wide range of colors and patterns is available.



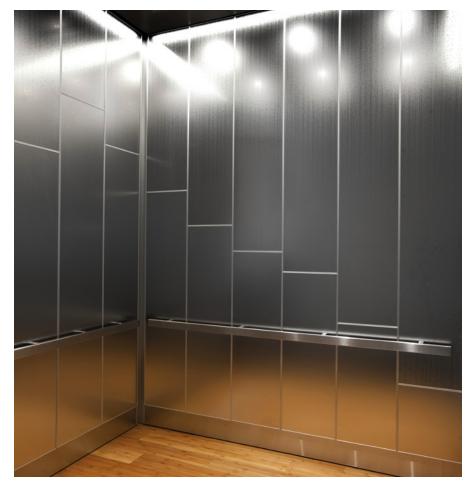




left to right: 1) Bonded Bronze doors with Rain pattern and Cadence pulls; 2) Stile & Rail doors with ViviForm Impression Glass insets and Sextant pulls; 3) Stile & Rail doors with Bonded Aluminum inset and Allegro pull

**Glass Doors** are available with any of our VividGlass architectural glass options, including laminated glass in a variety of colors, patterns and translucency levels, and ViviForm Impression glass in several light-diffusing, three-dimensional designs. **System 7 Doors** are contemporary interpretations of the traditional glazed door, characterized by precise detailing and rugged construction. Stainless Steel door faces are enhanced by a rich palette of colors and finishes. Several glazing configurations are standard and feature multiple glass options.

## ELEVATOR INTERIORS & HANDRAILS





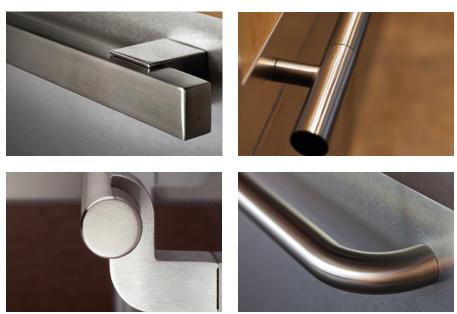
LEVELe interiors in a variety of materials and configurations

**ELEVATOR HANDRAILS** are designed for use with LEVELe<sup>™</sup> and CabForms<sup>®</sup> Elevator Interiors but can be used in any elevator cab. They are available in several standard designs that can be specified for cab back walls and/or side walls. Handrails are available in Stainless Steel or Bronze, each in a variety of finishes.



**LEVELe Elevator Interiors** were designed with the requirements of today's buildings in mind. LEVELe evolves the CabForms program, introduced more than ten years ago, with thinner walls, greater energy efficiency, and an expanded range of material and handrail options. Self-revealing extrusion channels, aluminum panel frames, and a





structural backer come together to create a lightweight system that is easy to install and maintain. LEVELe Elevator Interiors can be configured to meet the needs of any new equipment or modernization project. Complete packages are available for all typical sizes of passenger and service cabs, single or double opening. **CabForms® Elevator Interiors** are also ideal for new equipment or modernization projects. Complete packages are available for all typical sizes of passenger and service elevators, single or double opening. **CabForms Series 1000** is a rugged Stainless Steel full-panel version optimized for any public area where maintainable aesthetics and resistance to abuse are important concerns. **CabForms Series 2000** features a unique stile, rail and inset design. System elements in a variety of materials and finishes may be selected to coordinate or contrast with one another—the result is a series of highly durable, visually exciting elevator interiors.

left to right: 1) Rectangular; 2) Quadrant; 3) Sextant; 4) Modular; 5) Round

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