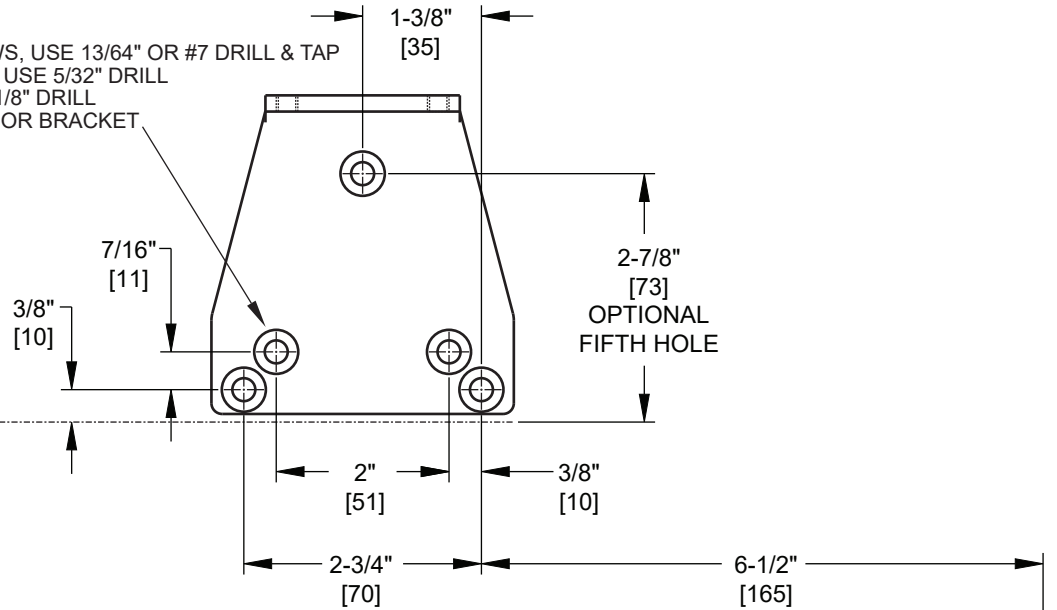# Door Closer Models: EHD9016 PHP Parallel Arm Installation [Push Side Mount] With Backplate BP90 Drilling Instructions

BEST
dormakaba Group

For online instructions, assistance or warranty information:
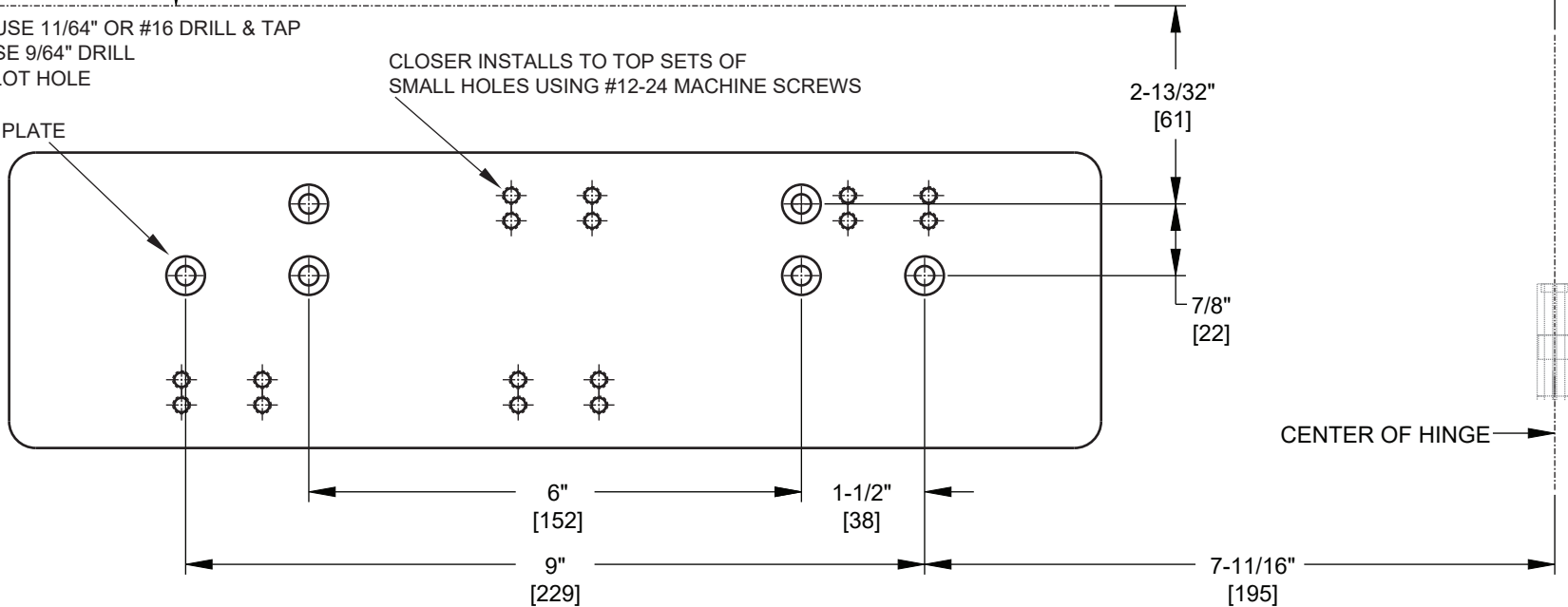Call 1-800-392-5209 or visit https://dhwsupport.dormakaba.com/hc/en-us

NOTES:
1) DRAWING IS NOT TO SCALE.
2) DIMENSIONS ARE IN INCHES / [MM].
3) RIGHT HAND DOOR IS SHOWN.
4) 180° MAX OPENING IS SHOWN.
5) CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACE COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
6) DPK FASTENERS FOR STEEL DOOR & FRAME ONLY.
7) SEE CATALOG FOR HOLD OPEN RANGE INFORMATION.

FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 DRILL & TAP
FOR No. 14 WOOD SCREWS, USE 5/32" DRILL
FOR DPK FASTENERS, USE 1/8" DRILL
FOUR (4) HOLES IN FRAME FOR BRACKET

1-3/8"
[35]

7/16"
[11]

3/8"
[10]

2-7/8"
[73]
OPTIONAL
FIFTH HOLE

2"
[51]

3/8"
[10]

DOOR EDGE OF FRAME STOP

2-3/4"
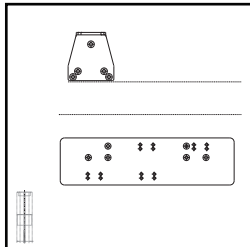[70]

6-1/2"
[165]

BOTTOM SURFACE OF FRAME STOP

FOR 12-24 MACHINE SCREWS, USE 11/64" OR #16 DRILL & TAP
FOR No. 12 WOOD SCREWS, USE 9/64" DRILL
DPK FASTENERS DRILL 1/8" PILOT HOLE
FOR SEX NUTS USE 3/8" DRILL
FOUR (4) HOLES IN DOOR FOR PLATE

CLOSER INSTALLS TO TOP SETS OF
SMALL HOLES USING #12-24 MACHINE SCREWS

2-13/32"
[61]

7/8"
[22]

CENTER OF HINGE

LEFT HAND DOOR ORIENTATION:

6"
[152]

1-1/2"
[38]

9"
[229]

7-11/16"
[195]

Not to scale. Measurements are for reference only.
Not a drilling template.

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