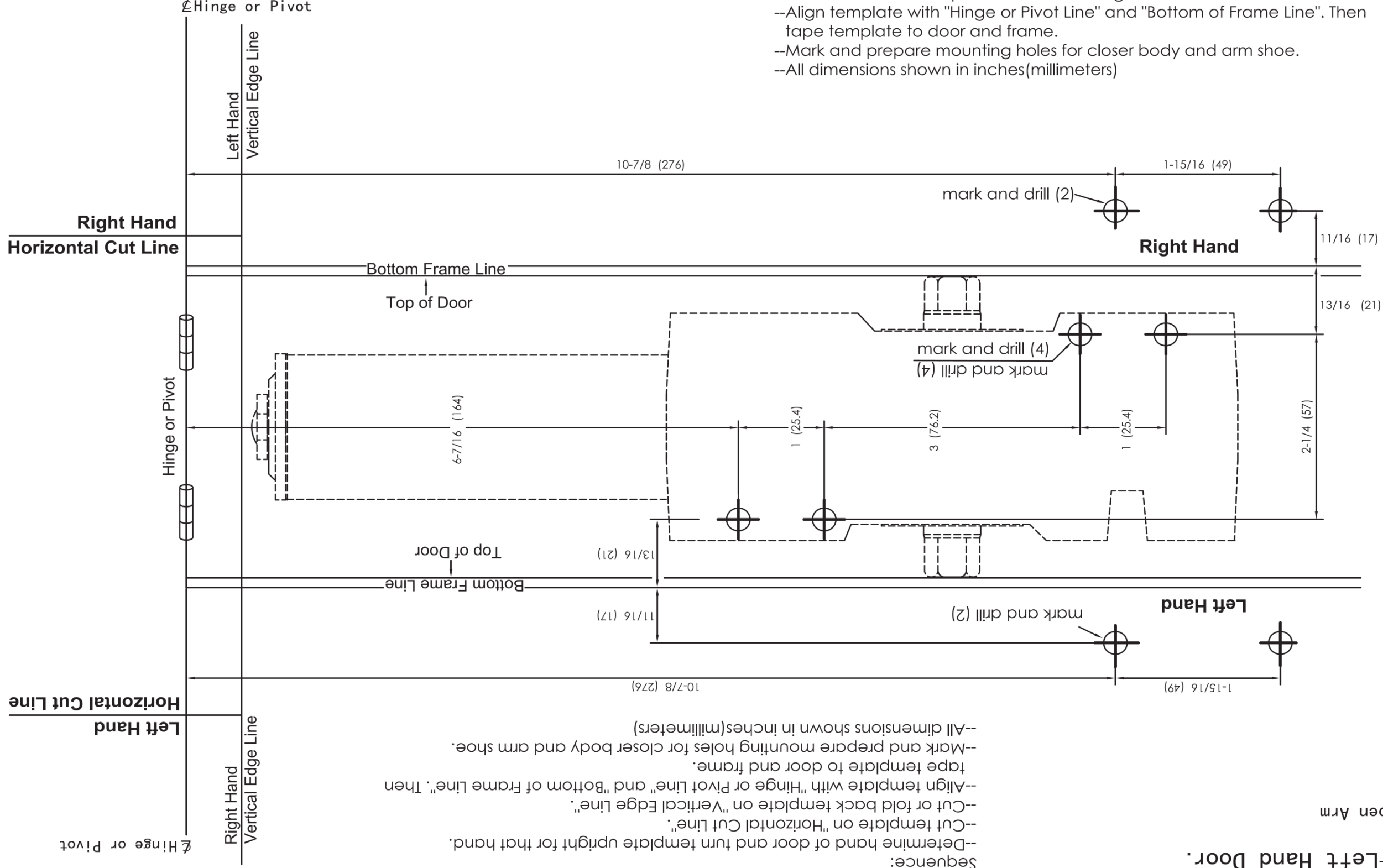


120° REGULAR ARM TEMPLATE ---Left Hand Door.

DC500 Series Door Closer
Non-Hold Open Arm or Hold Open Arm

Sequence:
 --Determine hand of door and turn template upright for that hand.
 --Cut template on "Horizontal Cut Line".
 --Cut or fold back template on "Vertical Edge Line".
 --Align template with "Hinge or Pivot Line" and "Bottom of Frame Line". Then tape template to door and frame.
 --Mark and prepare mounting holes for closer body and arm shoe.
 --All dimensions shown in inches(millimeters)



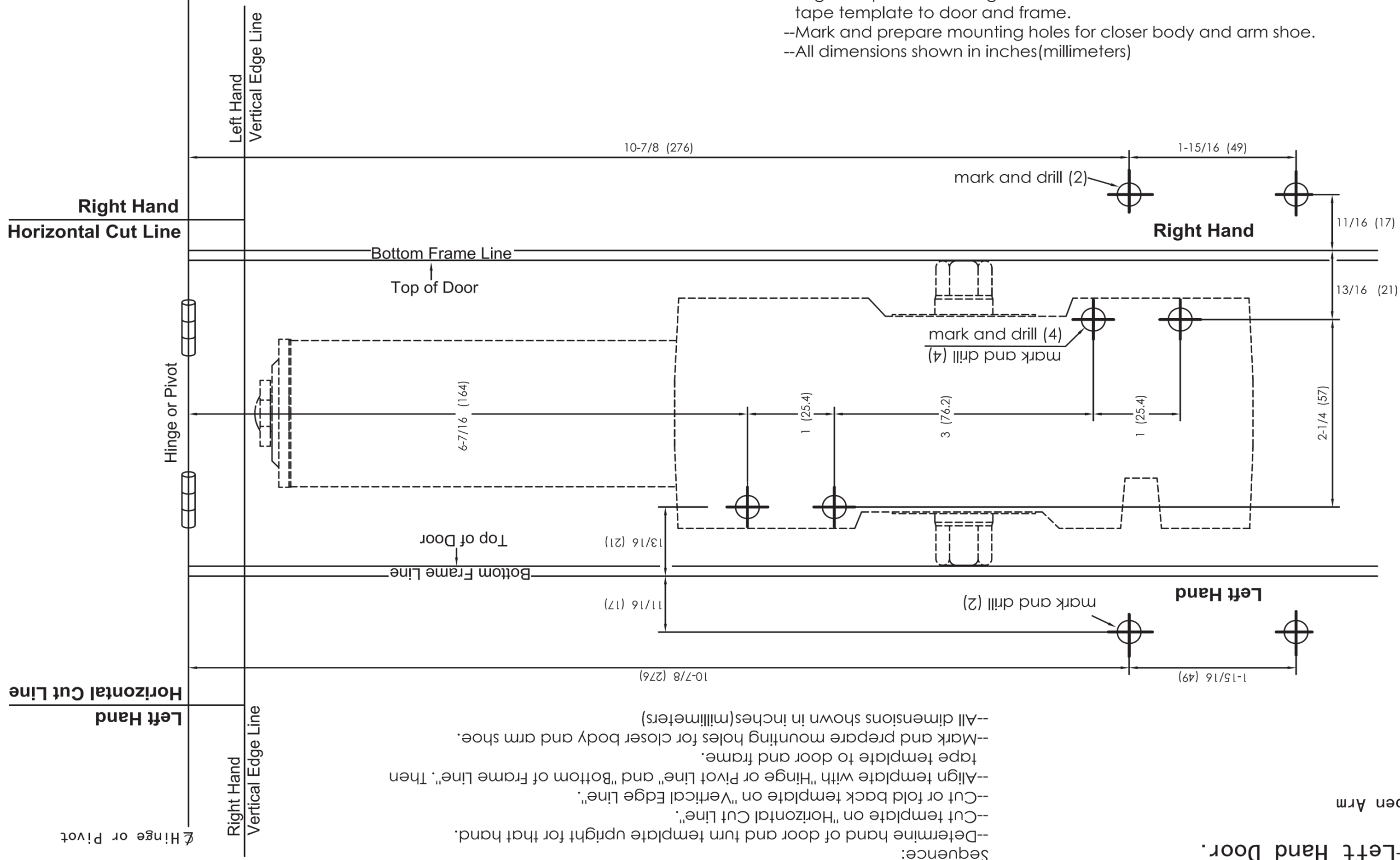
Sequence:
 --Determine hand of door and turn template upright for that hand.
 --Cut template on" Horizontal Cut Line".
 --Cut or fold back template on "Vertical Edge Line".
 --Align template with "Hinge or Pivot Line" and "Bottom of Frame Line". Then tape template to door and frame.
 --Mark and prepare mounting holes for closer body and arm shoe.
 --All dimensions shown in inches(millimeters)

Mounting Hole Preparation		
Material	Fastener	
Wood	Self Drilling Screw	Preparation Drill a 1/8"(3mm) diameter pilot hole .
	Thru Bolts	Drill 3/8"(9.5mm) diameter thru door
Hollow Metal	Self Drilling Screw	Center-punch hole location.
	Machine Screw	Use #7drill for hole and tap for 1/4-20 screw.
Aluminum	Thru Bolts	Drill 9/32"(7.2mm)diameter thru door, then enlarge to 3/8"(9.5mm) diameter on side of door opposite closer.
	Self Drilling Screw	Center-punch hole location.
Aluminum	Machine Screw	Use #7 drill for hole and tap for 1/4-20 screw.
	Thru Bolts	Drill 3/8"(9.5mm) diameter thru door.

120° REGULAR ARM TEMPLATE ---Right Hand Door

DC500 Series Door Closer
Non-Hold Open Arm or Hold Open Arm

∠Hinge or Pivot



Sequence:
 --Determine hand of door and turn template upright for that hand.
 --Cut template on "Horizontal Cut Line".
 --Cut or fold back template on "Vertical Edge Line".
 --Align template with "Hinge or Pivot Line" and "Bottom of Frame Line". Then tape template to door and frame.
 --Mark and prepare mounting holes for closer body and arm shoe.
 --All dimensions shown in inches(millimeters)

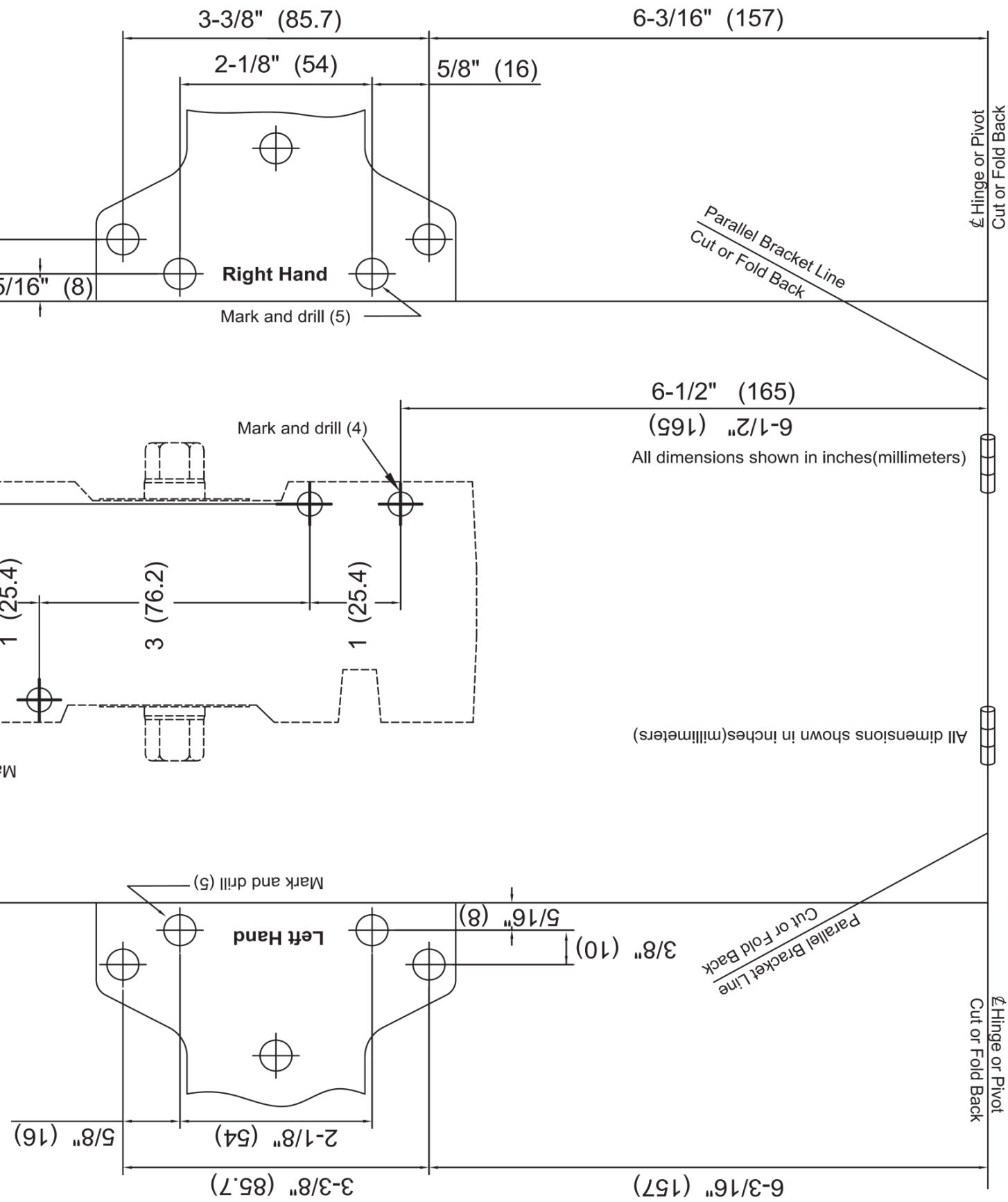
180° PARALLEL ARM TEMPLATE ---Left Hand Door*

DC500 Series Door Closer
Non-Hold Open Arm Or Hold Open Arm

Sequence:
--Determine hand of door and turn template upright for that hand.
--Cut or fold template back on "Hinge or Pivot Line".
--Cut or fold template back on "Parallel Bracket Line".
--Then fold template forward on "Frame Stop Line".
--Align "Hinge or Pivot Line" with centerline of hinge or pivot and with door closed, attach template to door and frame.
--Mark, and prepare and mounting holes for closer body & parallel bracket.

* See installation instructions if narrower degrees of door opening are desired.

--Mark, and prepare and mounting holes for closer body & parallel bracket.
--Align "Hinge or Pivot Line" with centerline of hinge or pivot and with door closed, attach template to door and frame.
--Then fold template forward on "Frame Stop Line".
--Cut or fold template back on "Parallel Bracket Line".
--Cut or fold template back on "Hinge or Pivot Line".
--Determine hand of door and turn template upright for that hand.



180° PARALLEL ARM TEMPLATE ---Right Hand Door*

DC500 Series Door Closer
Non-Hold Open Arm Or Hold Open Arm
Sequence:

--Determine hand of door and turn template upright for that hand.
--Cut or fold template back on "Hinge or Pivot Line".
--Cut or fold template back on "Parallel Bracket Line".
--Then fold template forward on "Frame Stop Line".
--Align "Hinge or Pivot Line" with centerline of hinge or pivot and with door closed, attach template to door and frame.
--Mark, and prepare and mounting holes for closer body & parallel bracket.

* See installation instructions if narrower degrees of door opening are desired.

Material		Mounting Hole Preparation	
Wood	Fastener	Preparation	
	Self Drilling Screw	Drill a 1/8"(3mm) diameter pilot hole.	
	Thru Bolts	Drill 3/8"(9.5mm) diameter thru door	
Hollow Metal	Machine Screw	Center-punch hole location.	
	Thru Bolts	Use #7drill for hole and tap for 1/4-20 screw.	
	Machine Screw	Drill 9/32"(7.2mm)diameter thru door, then enlarge to 3/8"(9.5mm) diameter on side of door opposite closer.	
Aluminum	Self Drilling Screw	Center-punch hole location.	
	Machine Screw	Use #7 drill for hole and tap for 1/4-20 screw.	
	Thru Bolts	Drill 3/8"(9.5mm)diameter thru door.	