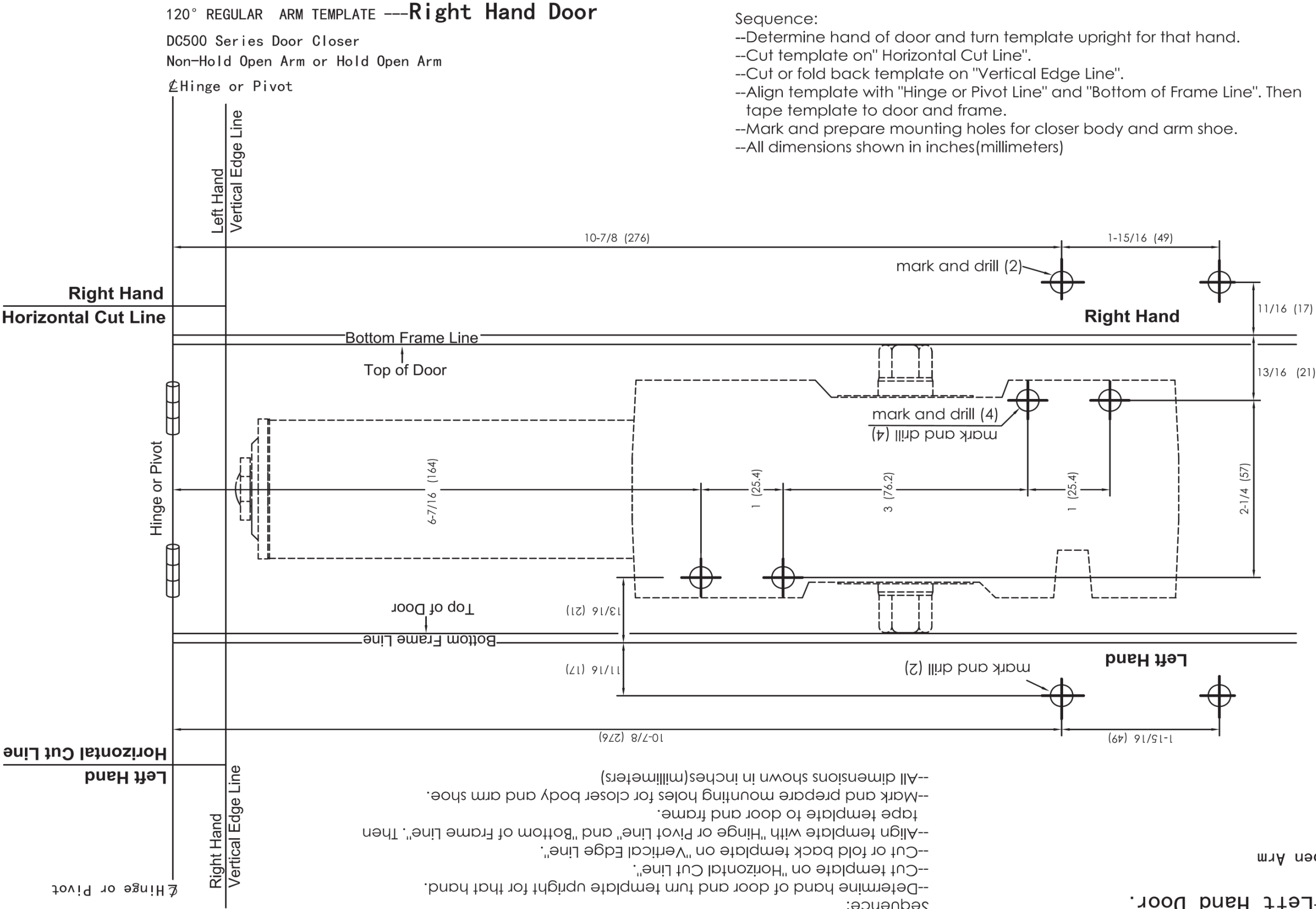


120° REGULAR ARM TEMPLATE ---Left Hand Door.

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)



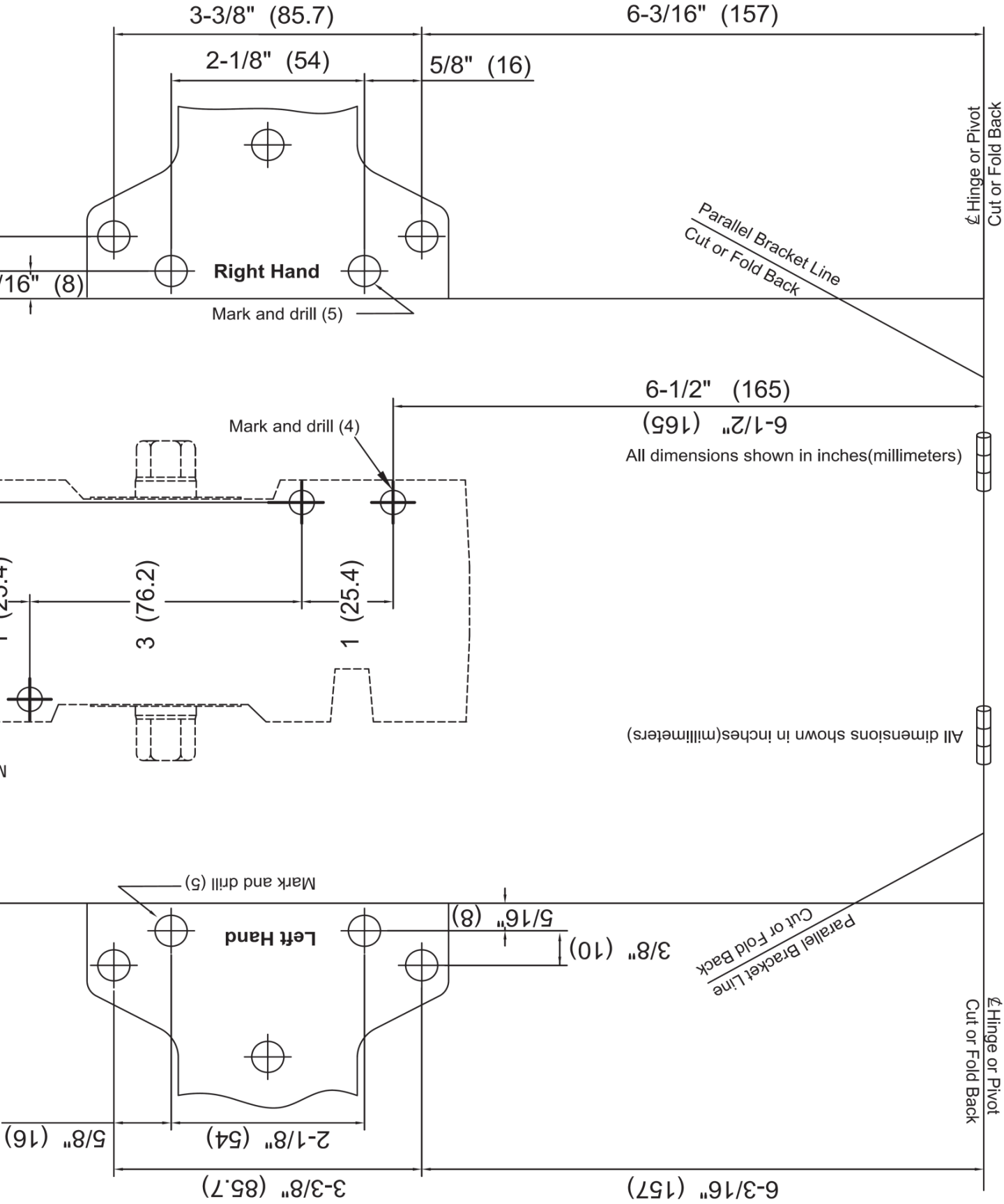
Mounting Hole Preparation		
Material	Fastener	Preparation
Wood	Self Drilling Screw	Drill a 1/8"(3mm) diameter pilot hole .
	Thru Bolts	Drill 3/8"(9.5mm) diameter thru door
Hollow Metal	Self Drilling Screw	Center-punch hole location.
	Machine Screw	Use #7drill for hole and tap for 1/4-20 screw.
	Thru Bolts	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.

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.



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.

Mounting Hole Preparation	
Material	Fastener
Wood	Self Drilling Screw
	Thru Bolts
Hollow Metal	Self Drilling Screw
	Machine Screw
Aluminum	Self Drilling Screw
	Machine Screw
Thru Bolts	Thru Bolts