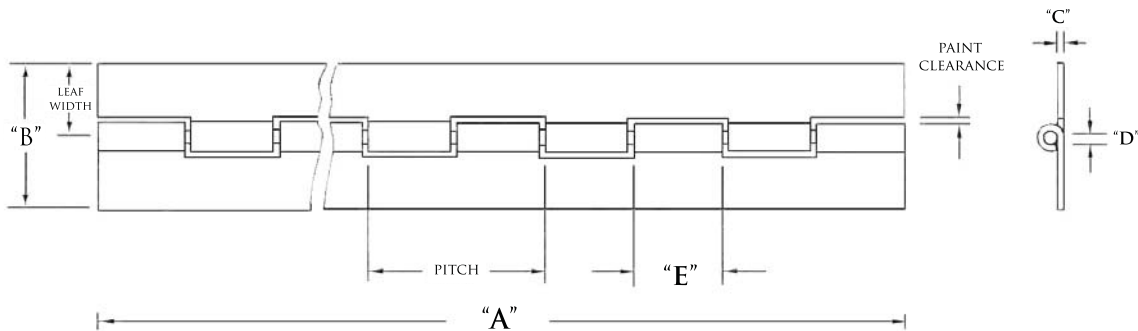


# HINGES



## Plain or Standard Assembly

- Neither leaf swaged
- Leaves lay flat in the same plane in an open position

## Reverse Assembly

- Neither leaf swaged with opposing leaves extending laterally from opposite sides of the pin
- Leaves will not close to a parallel position

## Hinge Length

- The length of the hinge measured parallel to the pin

## Hinge Width

- The overall dimension of the leaves measured perpendicular, or, across the pin

## Leaf

- The portion of a hinge extending laterally from the knuckle which generally revolves around a pin

## Leaf Width

- The dimension from the center of the pin to the outer edge of the leaf.

## Knuckle

- The hollow circular part at the joint of a hinge through which a pin is passed (other terms for this are loop, joint, node, and curl)

## Inside Knuckle Diameter (also called Pin Diameter)

## Outside Knuckle Diameter

## Knuckle Length

- The dimension of the knuckle measured parallel to the pin.

## Paint Clearance

- The minimum dimension between the outer face of the knuckle and the opposing edge of the cutout over the entire range of pivotal movement of the hinge.

## End Play

- The amount of axial movement between the leaves

## Pitch

- The dimension from a point on the knuckle to the same point on an adjacent knuckle on the same leaf

## Swaging

- Forming one or both leaves within the proximity of the paint clearance toward or beyond the center of the pin (swaging slightly increases the width of a hinge when open)

## One Leaf Half Swaged

- One leaf half the pin diameter

# HINGES

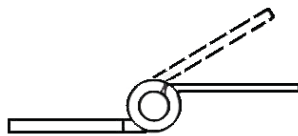
## One Leaf Full Swaged

- one leaf swaged equal to the pin diameter and both leaves parallel when in closed position



## Reversed Swaged

- one leaf swaged to simulate reverse assembly  
- leaves will not close to a parallel position



## Both Leaves Half Swaged

- both leaves swaged approx. one half the pin diameter with a minimum clearance between the leaves when parallel.



## Center Swaged

- both leaves swaged by one half the pin diameter plus one half the material thickness so that both leaves are symmetrical on the center line.

## Offset

- forming one or both leaves in the proximity of the paint clearance away from the center of the pin  
- when both leaves are offset and in a closed and parallel position, the dimension between the leaves will be greater than the pin diameter.

## Stop Hinge

- a hinge manufactured to limit the travel of the leaves to a specified angle

## Stop Hinge, Outside

- leaves will move from an open or flat position and stop at a specified angle

## Stop Hinge, Inside

- leaves will open from a closed position, (leaves parallel to each other), to a stop angle as specified

## Continuous Hinge

Mild Steel - Plain Finish Not Degreased - Blank No Holes Stock Sizes

In addition to hinges as shown, POMAR has endless custom configurations of materials such as:

- Stainless Steel Alloys 301,302 & 304
- Aluminum
- Anodized & Painted Aluminum
- Brass & Brass Plated
- Galvanized Steel

Minimum quantity orders will be required with all special order materials and options and quantities may vary. Contact our sales department or representative with your specific requests.

**\*\* All stocked continuous hinge are plain assemblies meaning leaves lay flat in the same plane in the full open position.**

# CONTINUOUS HINGE

Part #	Product #	"A" Length	"B" Open Width	"C" Gauge	"D" Pin Diameter	"E" Knuckle Length	Pin Material	Weight Each (lbs)
251-C	H52251CXPL	72"	1-1/16"	.03"	.09"	.25"	Steel	.92
254-C	H52254CXPL	72"	1-1/4"	.03"	.09"	.25"	Steel	1.02
255-C	H52255CXPL	72"	1-1/4"	.04"	.09"	.5"	Steel	1.3
258-C	H52258CXPL	72"	1-1/2"	.03"	.09"	.25"	Steel	1.18
260-C	H52260CXPL	72"	1-1/2"	.06"	.125"	.5"	Steel	2.60
260-O	H522600XPL	72"	2"	.06"	.125"	.5"	Steel	3.20
260-OB	H522600BPL	72"	2"	.06"	.125"	.5"	Brass	3.20
262-O	H522620XPL	72"	2"	.06"	.187"	1"	Steel	3.66
262-OB	H522620BPL	72"	2"	.06"	.187"	1"	Brass	3.66
262-S	H52262SXPL	72"	2"	.075"	.25"	1"	Steel	5.00
266-1P	H522661OPL	72"	2-1/2"	.075"	.25"	1"	Steel	5.6
266-1PB	H522661BPL	72"	2-1/2"	.075"	.25"	1"	Brass	5.6
260-3P	H522603PPL	72"	3"	.06"	.125"	.5"	Steel	4.35
266-6P	H522666PPL	72"	3"	.075"	.25"	1"	Steel	6.75
266-6PB	H522666BPL	72"	3"	.075"	.25"	1"	Brass	6.75
266-2P	H522662PPL	72"	3-1/2"	.075"	.25"	1"	Steel	7.10
266-4P	H522664PPL	72"	4"	.075"	.25"	2"	Steel	8.08
266-5P	H522665PPL	72"	4-1/2"	.075"	.25"	2"	Steel	8.81
268-4P	H522684PPL	84"	4"	.125"	.375"	2"	Steel	16.8
268-5P	H522685PPL	84"	5"	.125"	.375"	2"	Steel	20.00
260-25PL	H5226025PPL	72"	2-1/2"	.06"	.125"	.5"	Steel	3.75

## Type 304 Stainless Steel - Blank No Holes, Stock Sizes

Part #	Product #	"A" Length	"B" Open Width	"C" Gauge	"D" Pin Diameter	"E" Knuckle Length	Pin Material	Weight Each (lbs)
253-PSS	H52253PSSS	72"	1-1/16"	.037"	.1"	.5"	Stainless	1.25
255-PSS	H52255PSSS	72"	1-1/4"	.037"	.1"	.5"	Stainless	1.47
256-PSS	H52256PSSS	72"	1-1/2"	.037"	.1"	.5"	Stainless	1.69
259-PSS	H52259PSSS	72"	1-1/2"	.06"	.125"	.5"	Stainless	2.57
263-PSS	H52263PSSS	72"	2"	.06"	.125"	.5"	Stainless	3.41
264-PSS	H52264PSSS	72"	2"	.075"	.25"	1"	Stainless	5.00
269-PSS	H52269PSSS	72"	3"	.06"	.187"	1"	Stainless	4.35
270-PSS	H52270PSSS	72"	4"	.06"	.125"	.5"	Stainless	5.5

## Utility Grade Aluminum - Blank No Holes

Part #	Product #	"A" Length	"B" Open Width	"C" Gauge	"D" Pin Diameter	"E" Knuckle Length	Pin Material	Weight Each (lbs)
259-AL	H52259ALAL	72"	1.5"	.04"	.09"	.5"	Aluminum	.595
260-AL	H52260ALAL	72"	2"	.06"	.125"	.5"	Aluminum	1.16
262-AL	H52262ALAL	72"	2"	.04"	.1"	.5"	Aluminum	.600
264-AL	H52264ALAL	72"	3"	.06"	.125"	.5"	Aluminum	1.60

**\*\* All Stocked Continuous Hinge Are Plain Assemblies Meaning Leaves Lay Flat In The Same Plane In The Full Open Position \*\***