

MORRISON

CONTAINER HANDLING SOLUTIONS

TIMING SCREWS & DRIVE ASSEMBLIES



ABOUT US

Founded in 1971, Morrison Container Handling Solutions is an industry leader in container handling and is North America's largest timing screw manufacturer.

Morrison has two manufacturing facilities in Glenwood, IL USA, which are both dedicated to providing the optimal timing screw.

TOP 5 REASONS TO CHOOSE MORRISON

- 1.) Over 47 years of experience in design and manufacturing of container handling solutions
- 2.) Engineering reviews OEM prints and applications to suggest how OEMs can improve efficiency in their design and reduce cost
- 3.) Robust process in manufacturing enables quick deliveries
- 4.) Detailed documentation in the form of manuals, videos, setup sheets, and assembly prints
- 5.) Unmatched polish finish on timing screws that minimize scuffing



OVER
200
YEARS

OF COMBINED
ENGINEERING
EXPERIENCE

DID YOU KNOW?

Implementing Morrison's timing screws can increase machine efficiency and customer satisfaction.



TIMING SCREWS

Designed to OEM print and manufactured to optimize performance.
 Please provide either your OEM print or the information below.

(If OEM print is available, please provide and ignore below)

PLASTIC

- _____ "A" = Timing screw length
- _____ "B" = Outside diameter
- _____ "C" = Root diameter
- _____ "D" = Pitch

STEELWORK INTERFACE

Bushed for OEM Supplied Shaft:

- _____ Shaft diameter @ infeed
- _____ Shaft diameter @ discharge

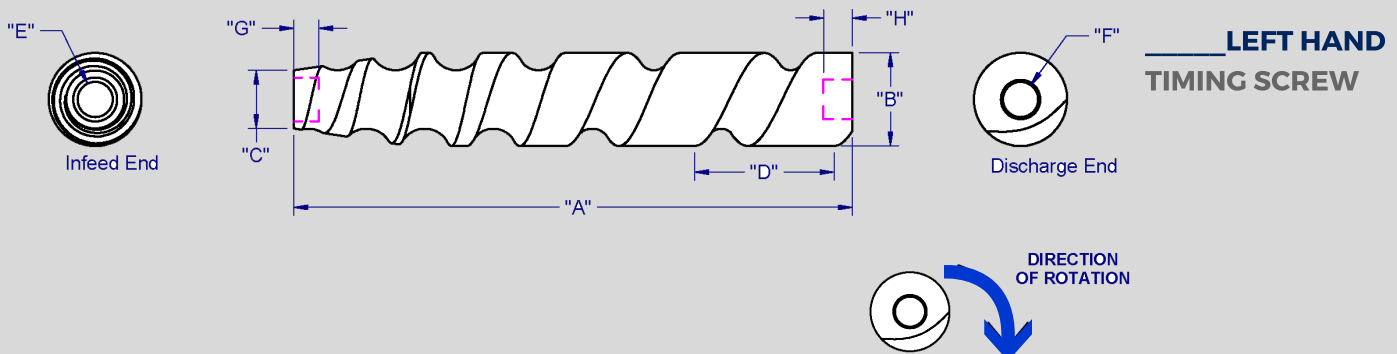
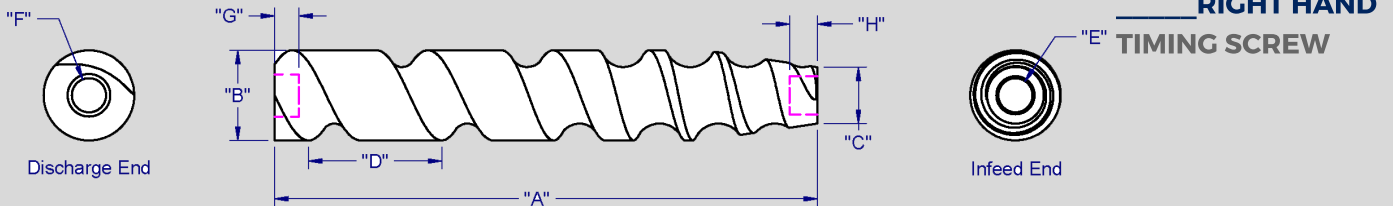
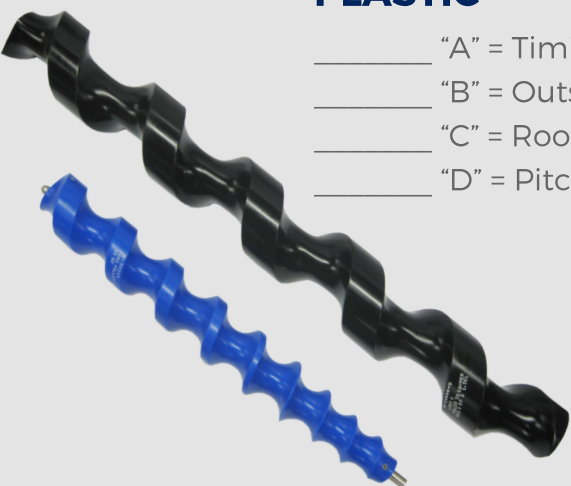
OR

Counterbored for OEM steelwork:

- _____ "E" = Infeed counterbore diameter
- _____ "F" = Discharge counterbore diameter
- _____ "G" = Infeed counterbore depth
- _____ "H" = Discharge counterbore depth

OR

- _____ Morrison will be supplied steelwork for OEM print



DRIVE ASSEMBLIES

Please provide information on the next two pages for your required application.

Morrison's standard drive assemblies for timing screws are seen throughout the world. This engineered solution provides robust spacing results with minimal maintenance. It is stainless steel constructed, wash-down capable, and has a timing belt and pulley design.

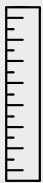
(If OEM print is available, please provide and ignore below)

1

LENGTH OF SCREW

Choose One

- 600 mm (23.62")
- 762 mm (30")
- 800 mm (31.49")
- 1000 mm (39.37")
- 1200 mm (47.24")



2

DIAMETER OF SCREW

Choose One

Outside Diameter (OD)

- 100 mm (3.94")
- 125 mm (4.92")
- 150 mm (5.9")

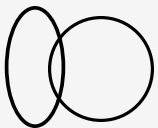


3

CONTAINER SHAPE

Choose One

- Round
- Oval



4

SCREW COLOR

Choose One

- ~~White~~ **Green**
- ~~Black~~ **Red**
- Blue** **Orange**



Custom colors available upon request.

5

SPEED

Choose One

- 30 cpm (20hz) - 135 cpm (90hz)
- 40 cpm (20hz) - 180 cpm (90hz)
- 60 cpm (20hz) - 270 cpm (90hz)
- 120 cpm (20hz) - 540 cpm (90hz)
- Other, please specify _____

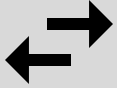


DRIVE ASSEMBLIES CONTINUED

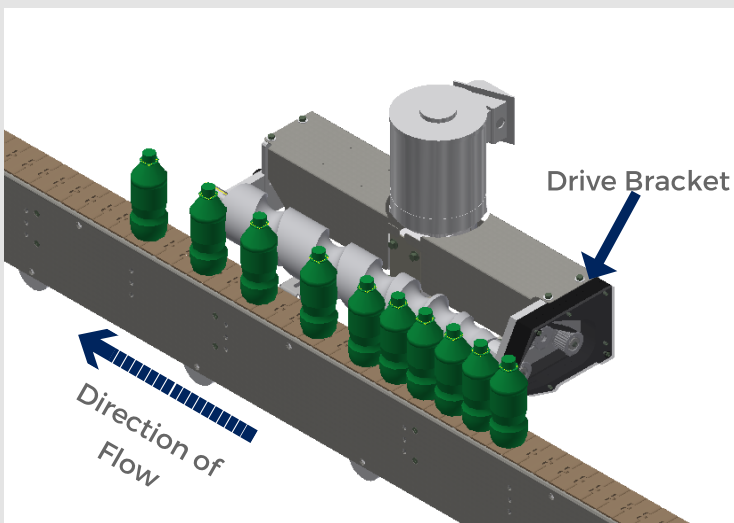
6

ORIENTATION

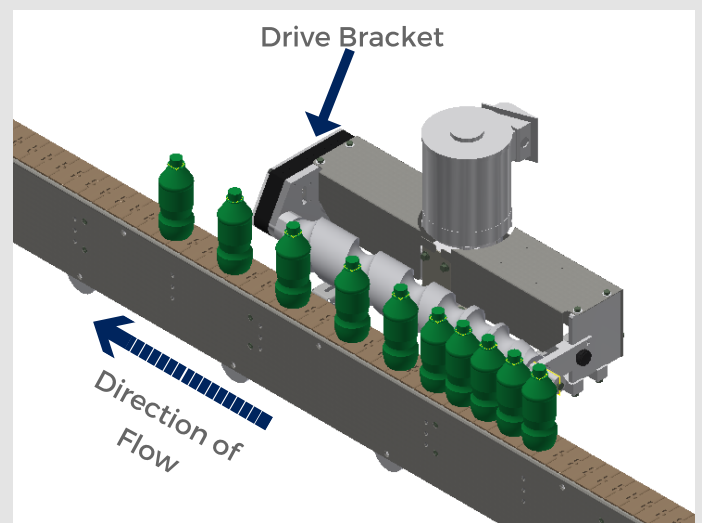
Choose One



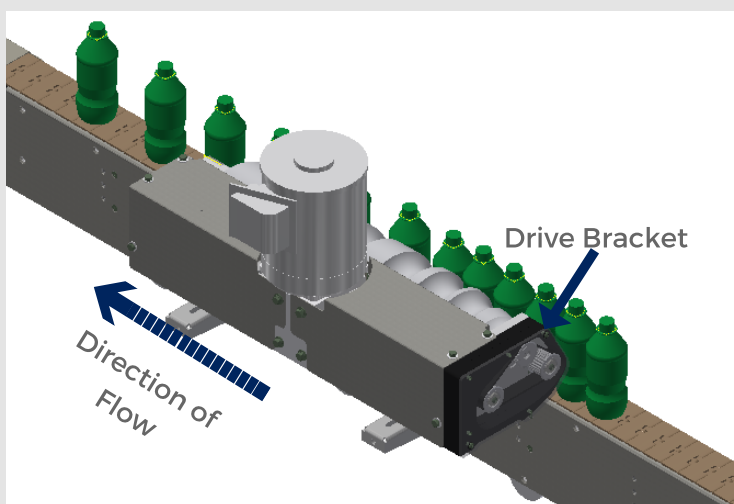
RIGHT HAND INFEEED



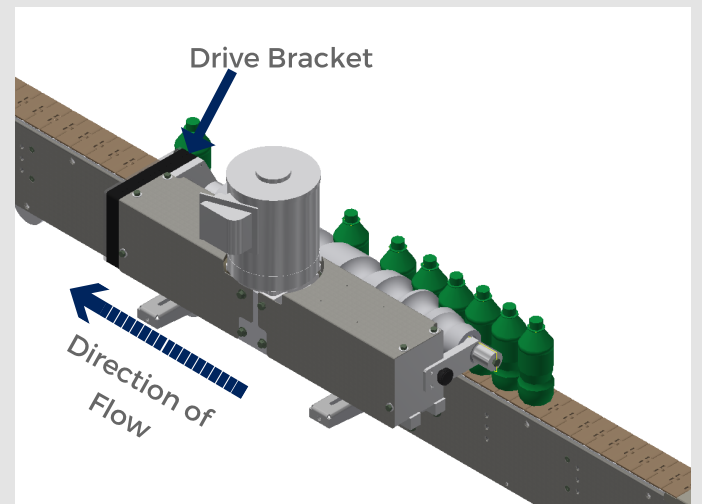
RIGHT HAND DISCHARGE



LEFT HAND INFEEED

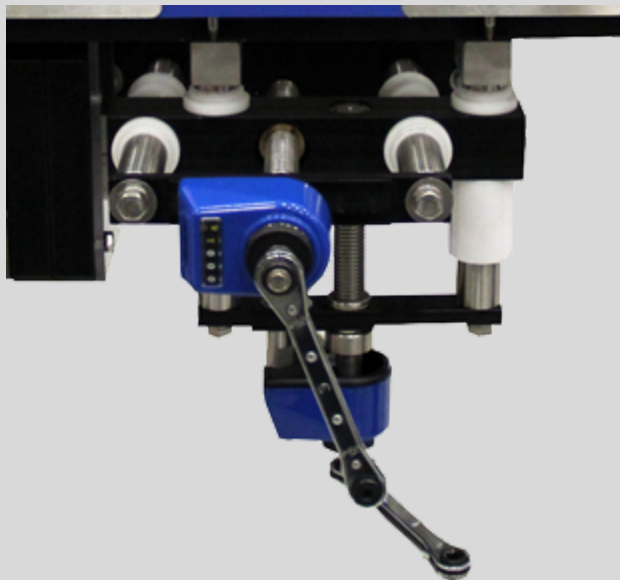


LEFT HAND DISCHARGE



DELUXE ADJUSTERS

Deluxe Adjusters allow operators to adjust timing screws to accommodate different sized containers quickly and precisely.



Morrison Deluxe Adjuster Benefits:

- Ideal when running multiple size containers on the same line
- Mounts to the side of the conveyor
- Adjusts the center lines vertically and horizontally
- Tool-less adjustment of center lines between change overs
- Numerical counters for easy repeatability
- Wash-down rated

NOTE:

- Small Deluxe Adjuster is for 600mm applications.
- Large Deluxe Adjuster is for 800mm+ applications.

INDUSTRIES SERVED



BEVERAGE



DAIRY



FOOD



PHARMACEUTICAL



**PERSONAL
CARE**



**CHEMICAL /
HOUSEHOLD
PRODUCTS**



**AND MANY
MORE!**



MORRISON

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CONTACT US TODAY!



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