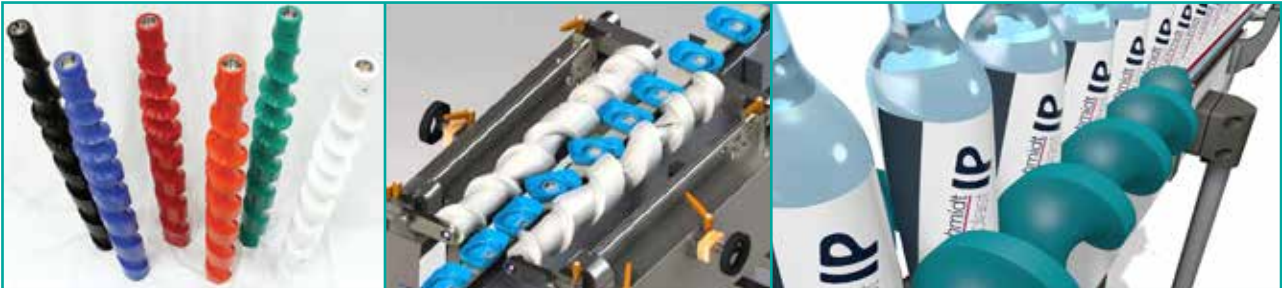
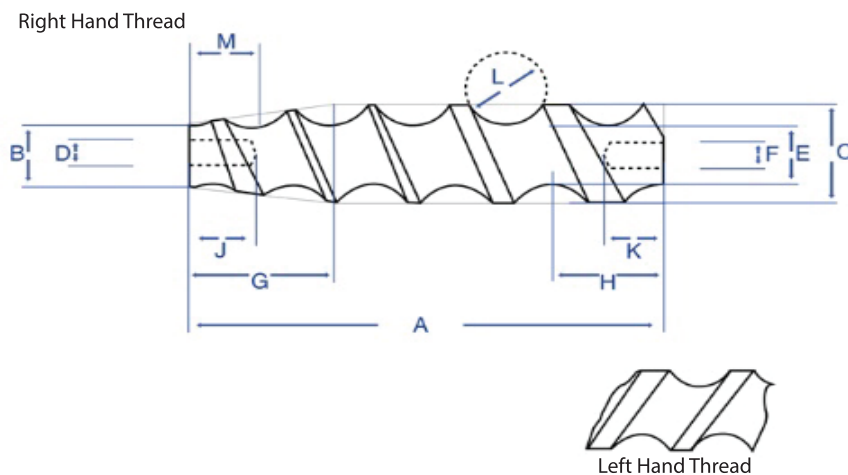


TIMING SCREWS & DRIVE UNITS

WHAT IS A TIMING SCREW? Like a fastening screw, a timing screw is a straight rod with threads. Unlike fastening screw, the thread pitch is frequently not uniform. Another important difference is that in use timing screws are rotating rather than stationary. The nomenclature of both types of screws is similar.



The key dimensions of the timing screw are



A-Overall Length	G-Taper Length
B-In feed Diameter	H-Out feed Pitch
C-Outside Diameter	J-In feed Bore Depth
D-In feed Bore	K-Out feed Bore Depth
E-Core Diameter	L-Container Diameter
F-Out feed Bore Dia.	M-In feed Pitch

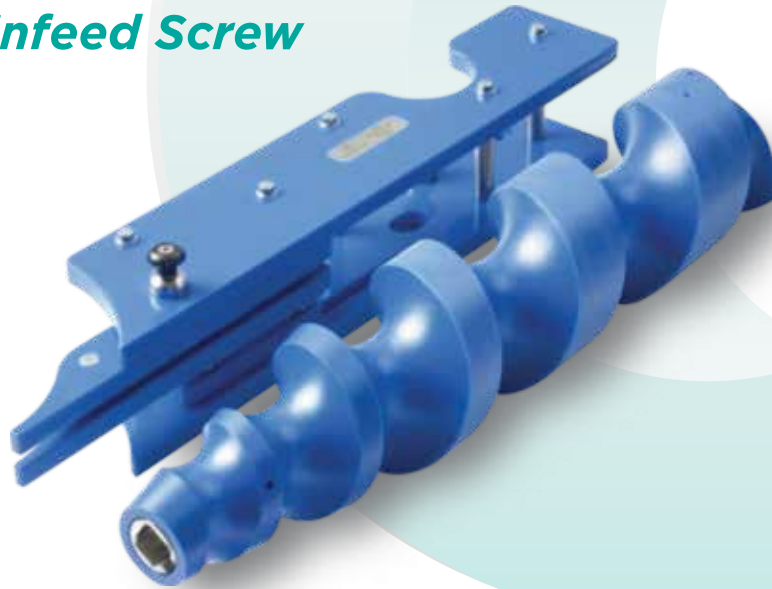
PURPOSE OF TIMING SCREW

The major purpose of any timing screw is to provide the smooth flow of containers into or between packaging machines, but today's highly sophisticated timing screws can do more than just feed containers into the packaging machine. Using different design variations, the timing screw can halt or position containers for packaging operations and can serve as a line-control device. They can also accelerate, decelerate, divide or combine the container flow. The key to peak performance is dependent on the precise "form fit" between the container and timing screw.

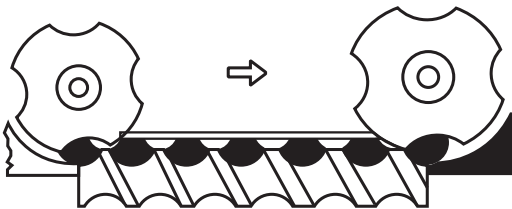


CONTAINER TRANSFERRING SYSTEM

Infeed Screw



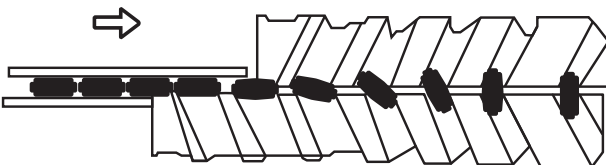
180 deg transfer from filling station



Grouping of container for Packing



Bottle orientation & spacing



Combining & dividing of bottles

