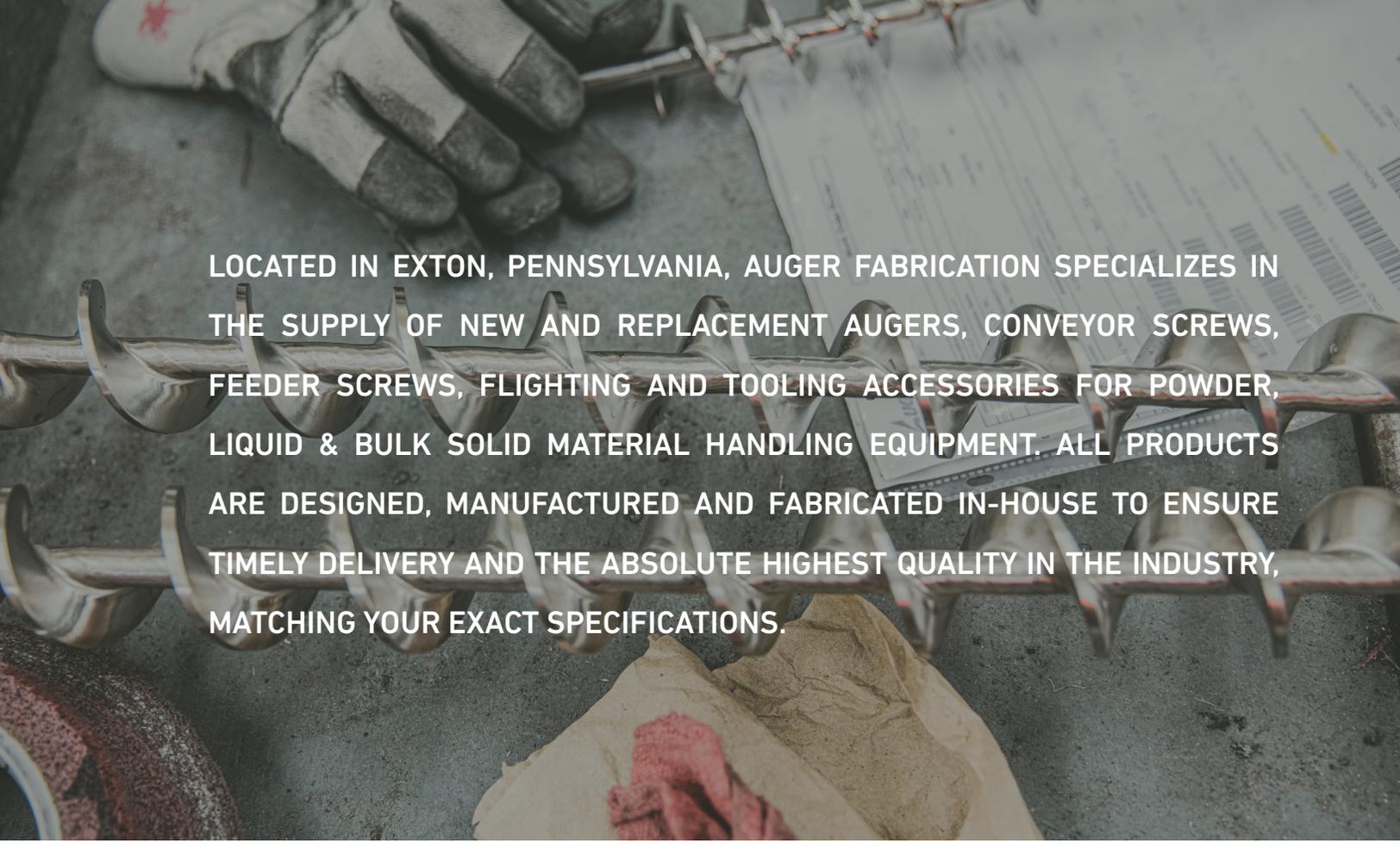




AUGER **FABRICATION™**

VERTICAL AUGERS • HORIZONTAL AUGERS • CUSTOM AUGERS • AUGER MAINTENANCE & REPAIRS • TOOLING ACCESSORIES



LOCATED IN EXTON, PENNSYLVANIA, AUGER FABRICATION SPECIALIZES IN THE SUPPLY OF NEW AND REPLACEMENT AUGERS, CONVEYOR SCREWS, FEEDER SCREWS, FLIGHTING AND TOOLING ACCESSORIES FOR POWDER, LIQUID & BULK SOLID MATERIAL HANDLING EQUIPMENT. ALL PRODUCTS ARE DESIGNED, MANUFACTURED AND FABRICATED IN-HOUSE TO ENSURE TIMELY DELIVERY AND THE ABSOLUTE HIGHEST QUALITY IN THE INDUSTRY, MATCHING YOUR EXACT SPECIFICATIONS.



COMPLETE AUGER CAPABILITIES

Our modern shop, experienced engineers and craftsmen concentrate all attention on our specialty... the production of high quality augers and tooling accessories. Fast deliveries & economical repairs for industry leading brands including; All-Fill, AMS, Bartelt®, Image, Mateer, Per-Fil, Rovema and Spee-Dee

INDUSTRY-LEADING QUALITY

Our sales team will provide you with all the necessary details and competitive pricing for your auger needs. In-house manufacturing ensures parts that exactly match your specifications. All products are designed, manufactured and fabricated in-house to ensure timely delivery and the absolute highest quality in the industry.

COMPETITIVE PRICING

Our concentrated attention to making augers and funnels with our modern production equipment assures efficiency and quality at affordable prices. Visit us online to get a quote or to use our calculator to figure out what size tooling is right for your application.

FULL STOCK QUICK DELIVERY

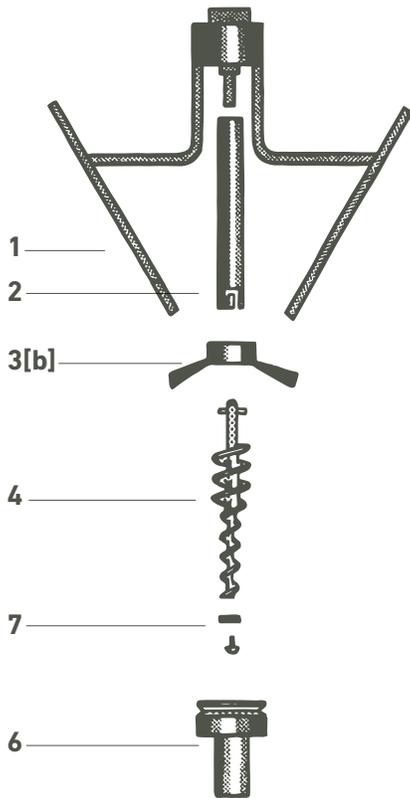
We've geared our facility, staff and inventory on the basis of fast delivery to reduce your downtime. Many orders are same-day shipments and most are several days, not weeks. Many of the most popular auger sizes are fully stocked and ready for same day delivery or overnight shipping.

MAINTENANCE & REPAIRS

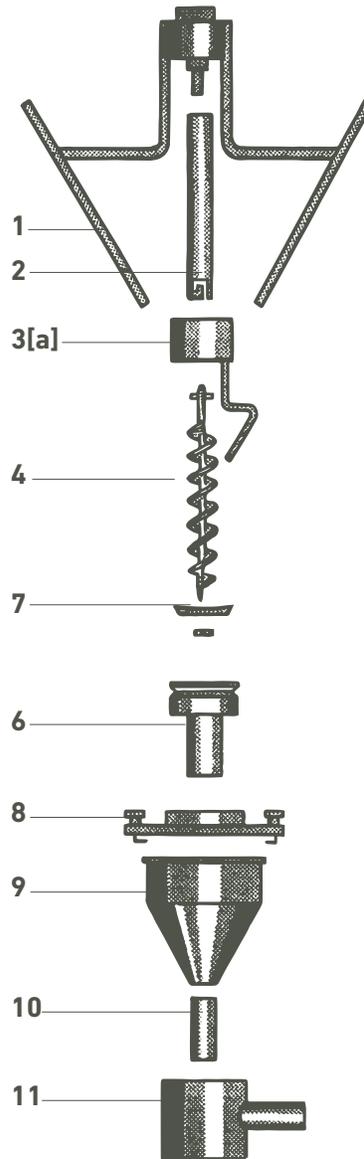
Frequently we can save you the cost of a new auger by repairing it. We can straighten shafts, add flight, take out nicks and repair stems. Simply send us your worn or damaged augers and we'll call you with an estimate to repair or replace.

TOOLING OVERVIEW

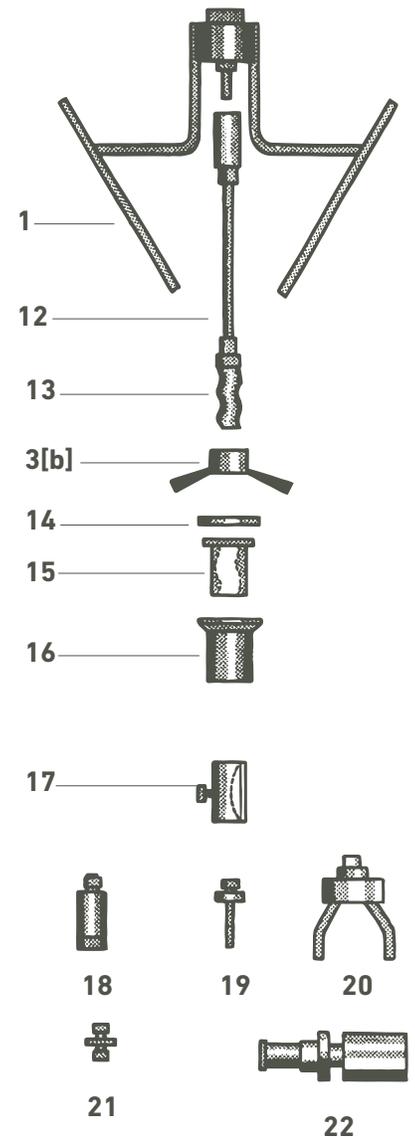
NON FREE-FLOWING PRODUCTS



FREE-FLOWING PRODUCTS



LIQUIDS/CREAMS/PASTES



- 1. Slow speed agitator blade(s)
- 2. Auger Shaft
- 3. High speed agitator
 - a.)Type A3
 - b.)Type D
- 4. Auger
- 5. Drip washer with left hand

- 6. Funnel
- 7. Spinner plate with left hand
- 8. Collector Funnel Cover
- 9. Collector Funnel
- 10. Nozzle
- 11. Dust Shroud

- 12. Pump Rotor shaft
- 13. Rotor
- 14. Spacer
- 15. Stator
- 16. Pump housing

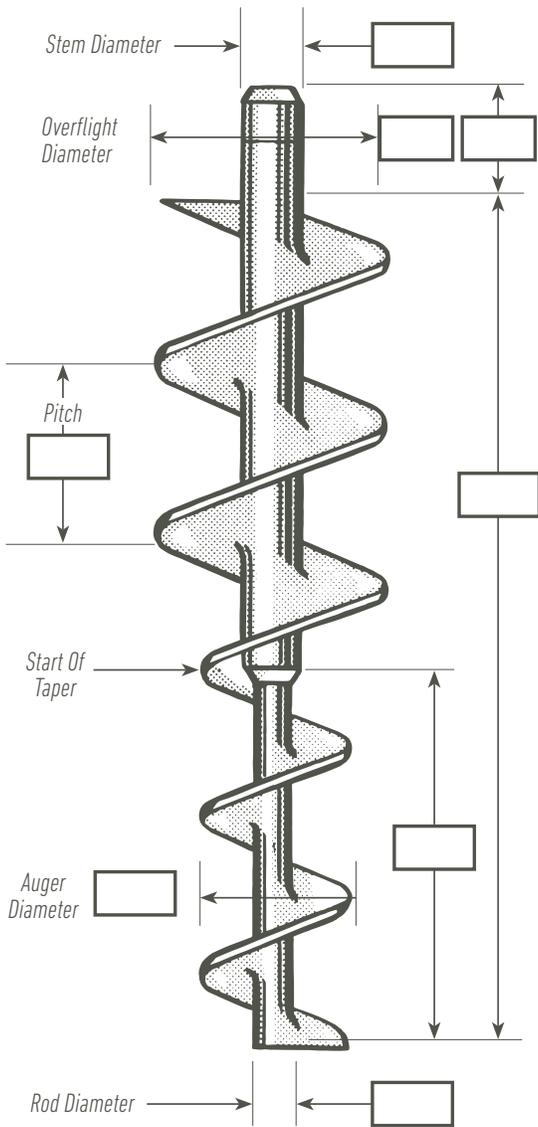
- 17. Diaphragm cut-off
- 18. Ball check valve
- 19. Nozzle
- 20. Manifold
- 21. Adapter
- 22. Piston suck-back

VERTICAL FILLING MACHINE AUGERS

Made of stainless steel and polished to a mirror finish, augers and funnels for filling machines are precision tools. Auger stems and O.D. flight are exactly concentric to avoid erratic dispensing. And, they are available with the proper stem end fitment (bayonet, single or double key etc.) for direct replacement in the specified filling machine.

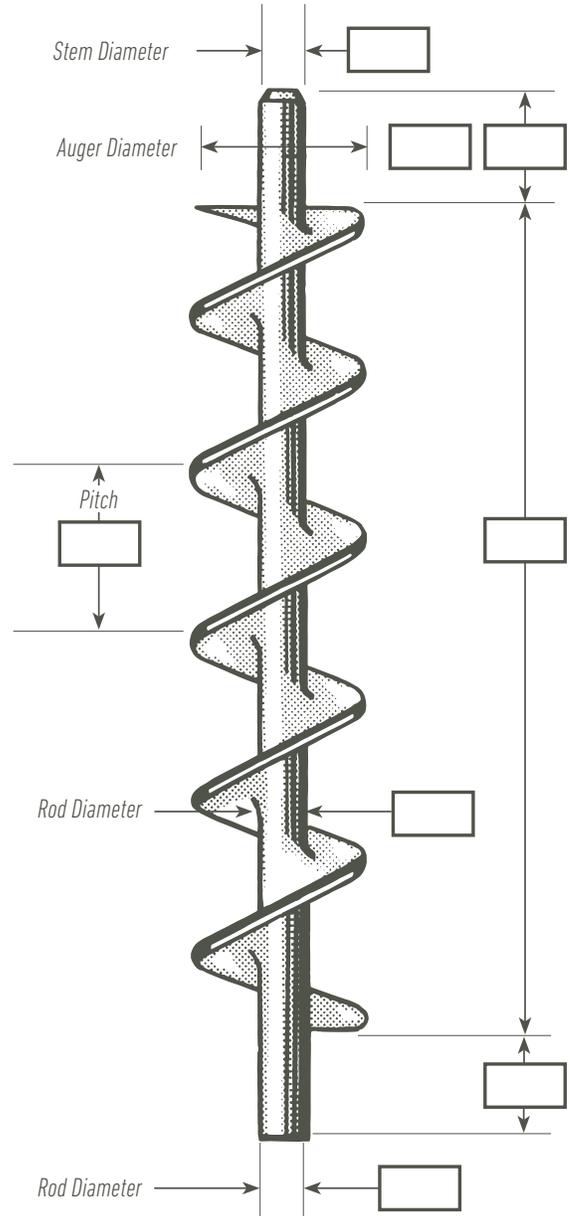
SELF-FEEDING AUGER

(Non Free-Flowing)



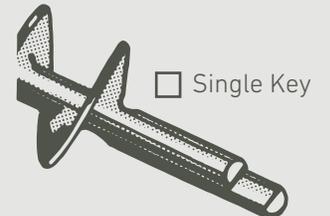
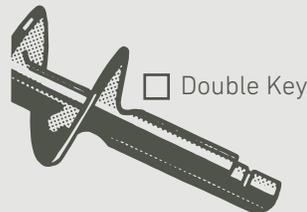
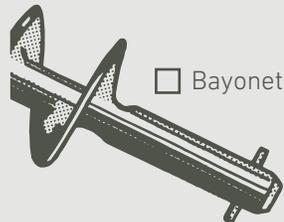
STRAIGHT AUGER

(Free-Flowing)



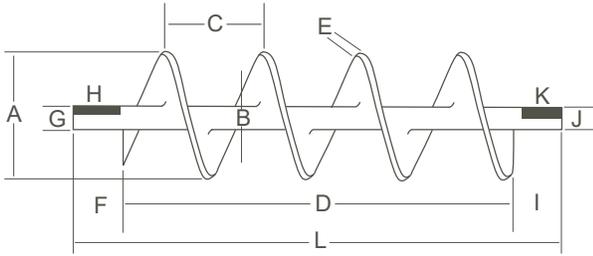
STEM END FITTINGS

Augers for Filling machines have a specific type of end fitting dependent upon the make of the machine. Check the desired stem as shown to the right.

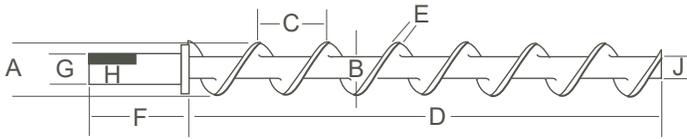


REPLACEMENT AUGERS

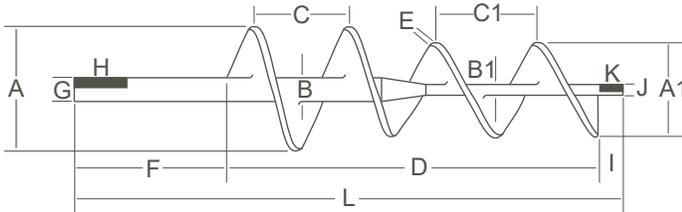
STANDARD CONVEYOR SCREW



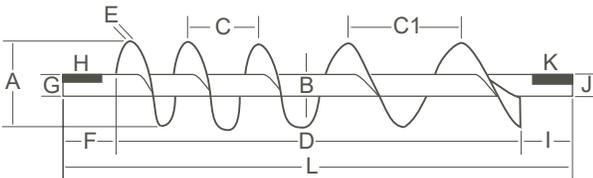
SMALL FEEDER SCREW



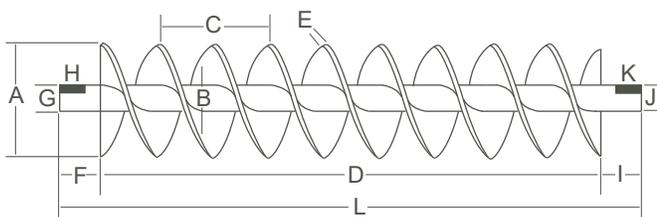
BAG PACKER AUGERS



VARIABLE PITCH AUGERS



DOUBLE LEAD AUGERS



DIMENSIONS & SPECIFICATIONS

- A. Screw Diameter: _____ A1. _____
- B. Root Diameter: _____ B1. _____
- C. Pitch: _____ C1. _____
- D. Flight Length: _____
- E. Flight Thickness: _____
- F. Shaft Length: _____
- G. Shaft Diameter 1: _____
- H. Keyway 1: _____
- I. Shaft Length 2: _____
- J. Shaft Diameter 2: _____
- K. Keyway 2: _____
- L. Overall Length: _____

CONSTRUCTION

- Tack Welded
- Continuous Weld, One Side
- Continuous Weld, Both Sides
- Milled from Solid Stock*

*Only Available for Diameters of 2" or less

MATERIAL

- Stainless Steel Brass
- Mild Steel Cold Roll
- Other(Specify): _____

DIRECTION OF FLIGHTING

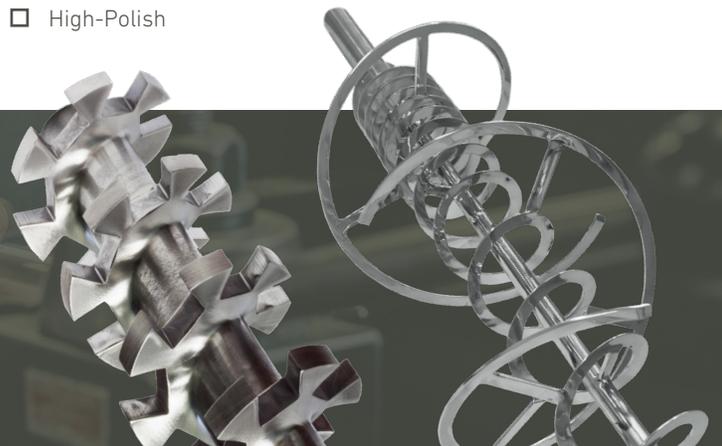
- Right-hand
- Left-hand

FINISHES

- Clean & Deburr
- No. 36 Grit Sand & Finish
- Glass bead (Sandblast)
- Nylon
- High-Polish

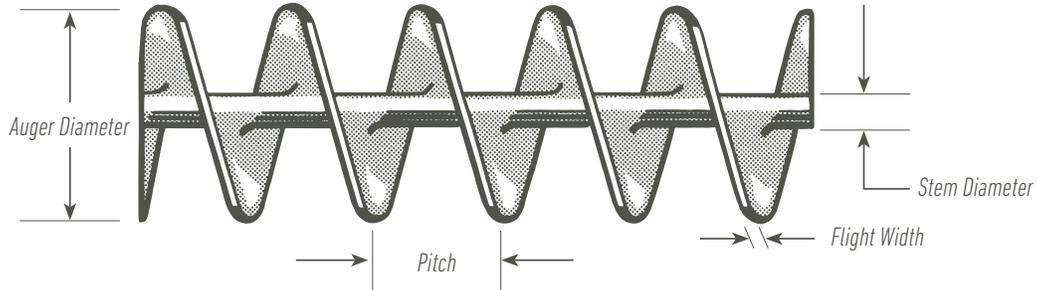
CUSTOM AUGERS

Options including straight, self-feeding, conveying, tapered, overflight, single flights, double flights and more, our experienced engineers and fabrication team can build the auger for your unique filling challenges.



REPLACEMENT AUGERS

Replacement augers and tooling are available in a wide variety of materials to best suit your application. Standard lengths up to 34" with any length supplied on special order and prompt shipment from our facility in Exton, PA.



DIRECTION OF FLIGHTING

- Right-hand Left-hand

WIDTH OF FLIGHT

- 1/8" Standard Other _____

Quantity	Auger Diameter (±.003")	Pitch (±1/64")	Pitch (±1/8")	Stem Diameter (±.003")	Length Desired
	.470"	1/2"	-	.187"	"
	.595"	5/8"	-	.250"	"
	.720"	1"	-	.312"	"
	.845"	1 1/4"	-	.312"	"
	.970"	1 1/4"	-	.312"	"
	1.095"	1 1/2"	-	.312"	"
	1.220"	1 1/2"	-	.312"	"
	1.345"	1 1/2"	-	.375"	"
	1.470"	2"	-	.375"	"
	1.590"	2"	-	.375"	"
	1.720"	2"	-	.500"	"
	1.845"	2"	-	.500"	"
	1.970"	2"	-	.500"	"
	2.220"	-	2 1/2"	.625"	"
	2.470"	-	2 1/2"	.625"	"
	2.720"	-	3 1/2"	.625"	"
	2.970"	-	3 1/2"	.625"	"
	3.220"	-	3 1/2"	.625"	"

CUSTOM FUNNELS

When ordering your next auger, don't forget that Auger Fabrication also manufactures variety of custom stainless steel funnels including straight, lip and collector funnels built to your exact specification.



COLLECTOR FUNNELS

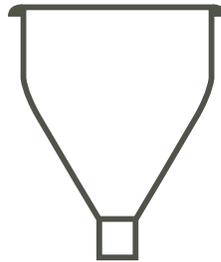
Free flowing products and tooling generally require a separate collector funnel assembly. This assembly consists of a collector funnel, collector funnel cover and clamp ring. Auger Fabrication can supply complete assemblies, as well as individual items, for collector funnels used on all manufacturers of filling machines.

CHOOSE YOUR COLLECTOR FUNNEL STYLE AND SIZE

Funnels come in 3 styles and in sizes of 3", 6", 8" and 10" diameters



STYLE A



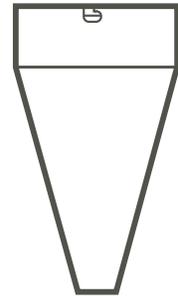
- 3" Diameter
- 6" Diameter
- 8" Diameter
- 10" Diameter

STYLE B



- 3" Diameter
- 6" Diameter
- 8" Diameter
- 10" Diameter

STYLE C



- 3.5" Diameter
- 4.5" Diameter
- 6" Diameter
- 8" Diameter
- 10" Diameter

ACCESSORIES

Auger Fabrication can supply a variety of accessories and parts used with filling machines. Accessories are offered for all major manufacturers including All-Fill, AMS, Mateer Burt, Bartelt, Spee-Dee and Per-Fil. For accessories not listed, specific dimensions, specially-constructed, and one-of-a-kind items, sketch details on the end of this catalog.



Cutoffs



Cutoffs



Agitation Blades



Funnel Adapter



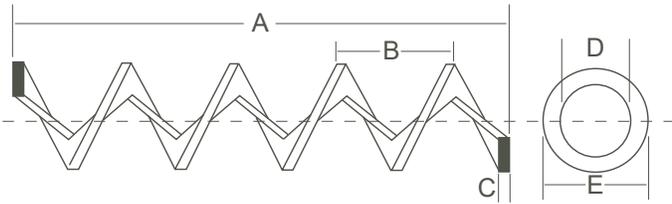
Auger Shafts



Liquid Tooling

FLIGHTING

HELICOID FLIGHTING



DIMENSIONS & SPECIFICATIONS

A: Overall Length: _____

B: Pitch: _____

C: Thickness: _____

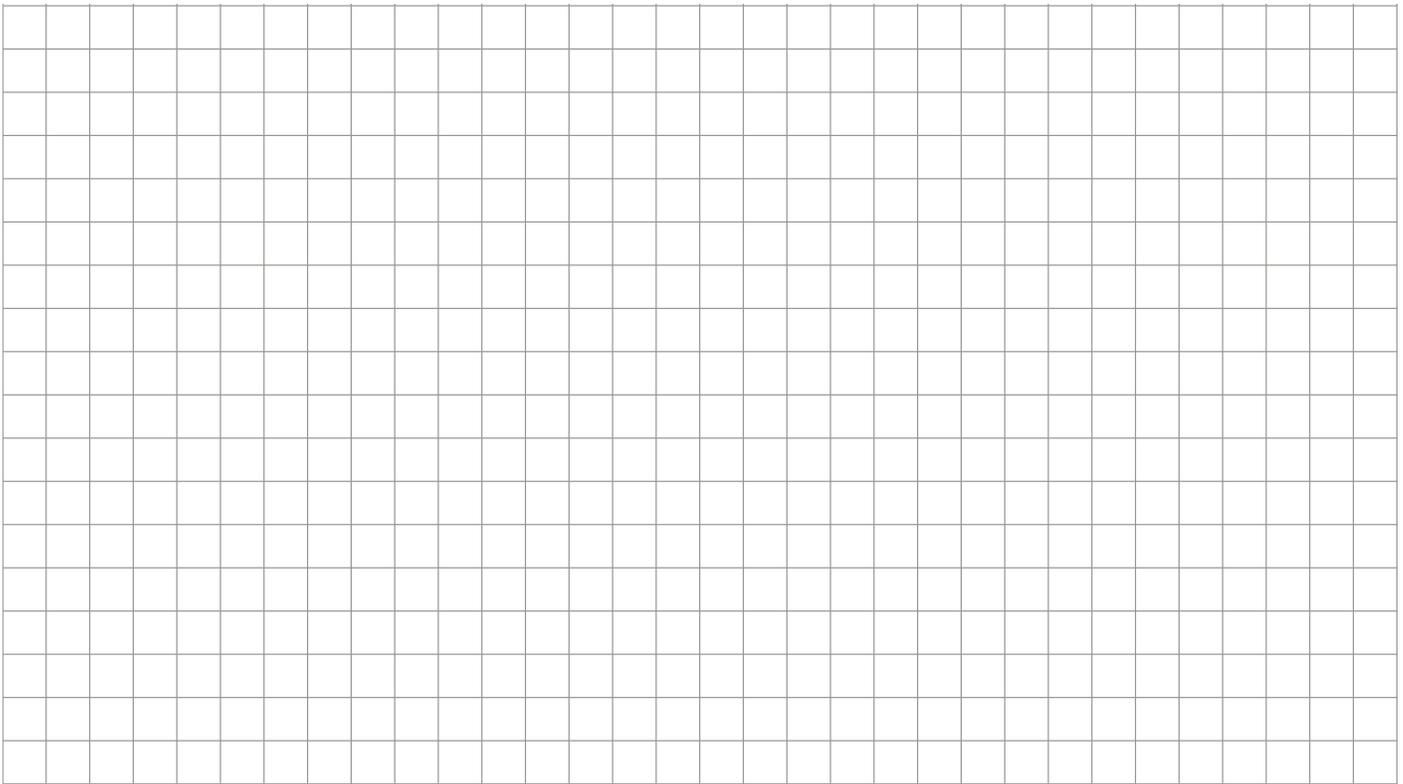
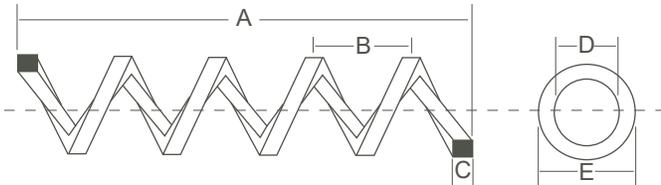
D: Inside Diameter: _____

E: Outside Diameter: _____

Material: _____

Direction of Flight: Right Hand Left Hand

SQUARE STOCK FLIGHTING



CONTACT INFORMATION

Company Name: _____ Name: _____

Address: _____ Phone: _____

City: _____ State: _____ Zip Code: _____ Date: _____



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