

PLASTIC CALENDER SHELLS



Plastic -- When You Want a Lightweight, Portable Option

Construction:

Everhard's plastic shells are made from high-density, resilient plastic components with a steel drive tube. Like aluminum shells, plastic shells are easy to load on and unload from equipment because they are lighter in weight than steel shells. Plastic shells are available in a narrower range of diameters and lengths than steel shells. Plastic shells are available with either flush or recessed end heads, and the drive channel can be made square or round with keyway. Everhard can provide grip-tread or Velcro® tape rings on the surface of the plastic shell to provide a better grip for the material.

Features and benefits include:

- Lightweight and portable
- Dent free shell body
- No risk of contamination or splintering

Diameters available: 4", 6" and 8"

- Maximum length = 60"

Standard drive channel sizes:

- 1-3/8" square hub for 1-1/4" drive bar
- 1-5/8" square hub for 1-1/2" drive bar
- 1-7/8" square hub for 1-3/4" drive bar
- 2-1/8" square hub for 2" drive bar
- 1-15/16" diameter round with keyway

Plastic Shell Options:

Surface:

- Grip-tread tape (GTP) or Velcro® tape (VTP) (2" wide) (See photos)

Heads:

- Flush or recessed end heads
- 1/2" thick plastic flange
- Vent holes

Drive Channel:

- Square or round w/keyway

Internal Construction:

- Extra supports (ES) available for heavier loads



Round Drive Channel with Keyway



Grip Tread Tape

Your materials handling needs may be limited to a few ... Everhard's manufacturing capabilities are not.

Call Us Toll-free:
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EVERHARD

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Everhard Products, Inc., located in Canton, Ohio, has the capability to manufacture calender shells and service cores tailored to your specific requirements in the plant. We have supplied the tire and rubber industry with a variety of material handling products, some specially fabricated to our customers' applications. Our shells are used in calendering, cutting, liner assembly, and transportation of components.



Steel, Aluminum & Plastic Calender Shells

A Complete Product Line
Manufactured by
Everhard Products, Inc.

Everhard has provided steel calender shells to the tire and rubber industry for years. We have expanded our shell line to include plastic and aluminum to serve additional applications in the tire and rubber industry as well as new applications in other industries. Our control and flexibility in the manufacturing process helps us recommend solutions for calender shell and service core applications.

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STEEL CALENDER SHELLS



Steel -- When You Need Strong, Durable Support

Construction:

Everhard's performance-proven calender and service shells are available in many diameters and lengths. Steel shells can typically handle heavier loads and higher torque. To handle varying situations, heavy-duty construction and additional internal support options are available. Guide tubes in conjunction with the cast steel head hubs and cast steel center hub, form a passage for loading the shell onto a drive bar. Everhard's calender shells use hardened, cast hubs, which are stronger and more wear-resistant compared with shells constructed without such hubs. NOTE: The steel calender shell's cross section illustrated below is included to show all the possible features and options available for steel calender shells. It is not intended to represent an actual calender shell. In some cases, the features and options shown would not appear together – some features and options are mutually exclusive while others can co-exist.

Diameters available: 4", 5", and 6"

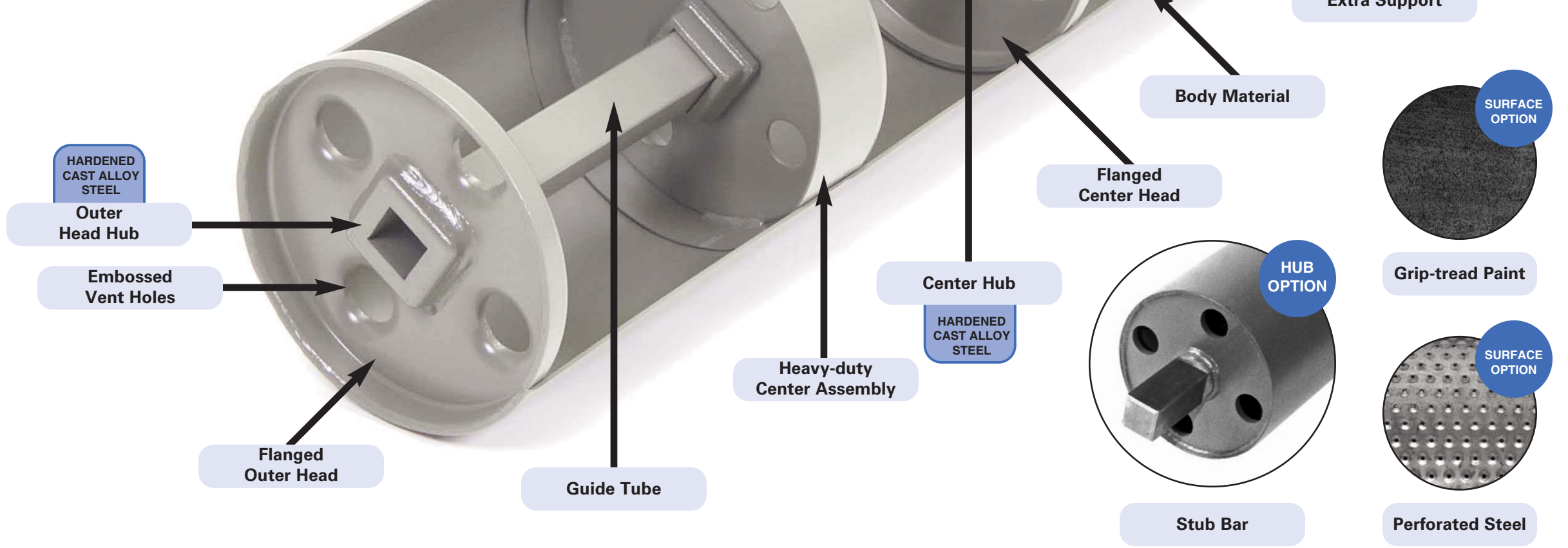
- 72" is maximum length
- 16-gauge steel is standard. 14-gauge steel is available.

Diameters available: 7", 8", 10", 12", 15", 20", and 24"

- 100" is maximum length
- 12-gauge steel is standard. 10-gauge steel is available.

Standard hub sizes:

- 1-3/8" square hub for 1-1/4" drive bar
- 1-5/8" square hub for 1-1/2" drive bar
- 1-7/8" square hub for 1-3/4" drive bar
- 2-1/8" square hub for 2" drive bar
- 1-15/16" diameter round with keyway



Steel Shell Options:

Body (external):

- Standard-duty, heavy-duty (HD), or extra heavy-duty (XHD) steel

Surface:

- Painted (P) (Painted gray is standard.)
- Smooth steel, perforated steel (PERF), or smooth steel with grip-tread paint (GT) (Painted, smooth steel is standard.)
- Grip-tread tape (GTP) or Velcro® tape (VTP)

Heads:

- Heavy-duty outer heads (HDH)
- Vent holes (VH) (1-9/16" embossed is standard.)

Hubs:

- Square, round w/keyway, or stub bar

Internal Construction:

- Many types of extra supports (ES): heavy-duty center assembly, center heads, optional extra supports

ALUMINUM CALENDER SHELLS



Aluminum -- When You Want a Lightweight, Portable Option

Construction:

Everhard's aluminum shells are made with the same precision and quality as our fabricated steel shells. In situations where weight is a factor, or where portability is important, aluminum shells are ideal because they are lighter in weight and more easy to move around than steel shells. Aluminum shells are available in a narrower range of diameters and lengths than steel shells; Our aluminum shells are available in fabricated tubular construction, or in one-piece extruded form in almost any length.

Features and benefits include:

- Low cost
- Lightweight and portable
- No risk of contamination or splintering

Drive Channel Size	Diameters Available			Max Length
	1-3/8"	4"	6"	
1-3/8"	4"	6"	144"	
2-1/8"	4"	--	144"	

Aluminum Shell Options:

Surface:

- Grip-tread tape (GTP) or Velcro® tape (VTP) (2" wide)
- Steel wear rings on each end (1" wide)

Construction:

- Fabricated

