

Steel, Aluminum and Plastic Calender Shells

***A Complete Product Line
Manufactured by
Everhard Products, Inc.***



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STEEL CALENDER SHELLS **Strong, Durable Support**

Everhard manufactures a line of standard calender shells and service shells for the tire and rubber industry, as well as custom fabricated products to help tire plants with their material handling needs.

Construction:

Everhard's steel calender shells feature --

- Performance-proven construction
- Availability in many diameters and lengths
- Ability to handle heavier loads and higher torque
- Options, such as heavy-duty construction and additional internal supports.
- Hardened, cast hubs, which are stronger and more wear-resistant.
- Guide tubes, used in conjunction with hubs to form a passage for easy loading of the shell onto the drive bar.

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

- 72" is maximum length.
- 16-gauge steel body is standard (SD); 14-gauge steel is the heavy-duty (HD) option.

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

- 100" is maximum length.
- 12-gauge steel body is standard (SD); 10-gauge steel is the heavy-duty (HD) option.

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

NOTE: The steel calender shell's cross section shows the possible features and options available for steel calender shells. It is not intended to represent an actual calender shell. Actual shells vary based upon requirements.

Outer
Head Hub

Flanged
Outer Head

Embossed
Vent Holes

Guide

Steel Shell Options:

OUTER BODY

- Standard Duty (SD), Heavy Duty (HD)

SURFACE

- Painted (P) (Painted gray is standard.)
- Smooth steel, Perforated Steel (PERF), or Smooth Steel with Grip Tread Paint (GT), Velcro® tape (VTP), or Grip Tape (GTP).

HEADS

- Standard flanged or various thickness plate heads
- Vent Holes

HUBS

- Square or stub bar

INTERNAL

- Many types of extra supports (ES) are available: Heavy Duty Center Assembly, Optional Extra Supports.

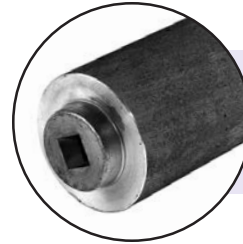
HUB OPTIONS:

Square Hub,
Stub Bar (shown)



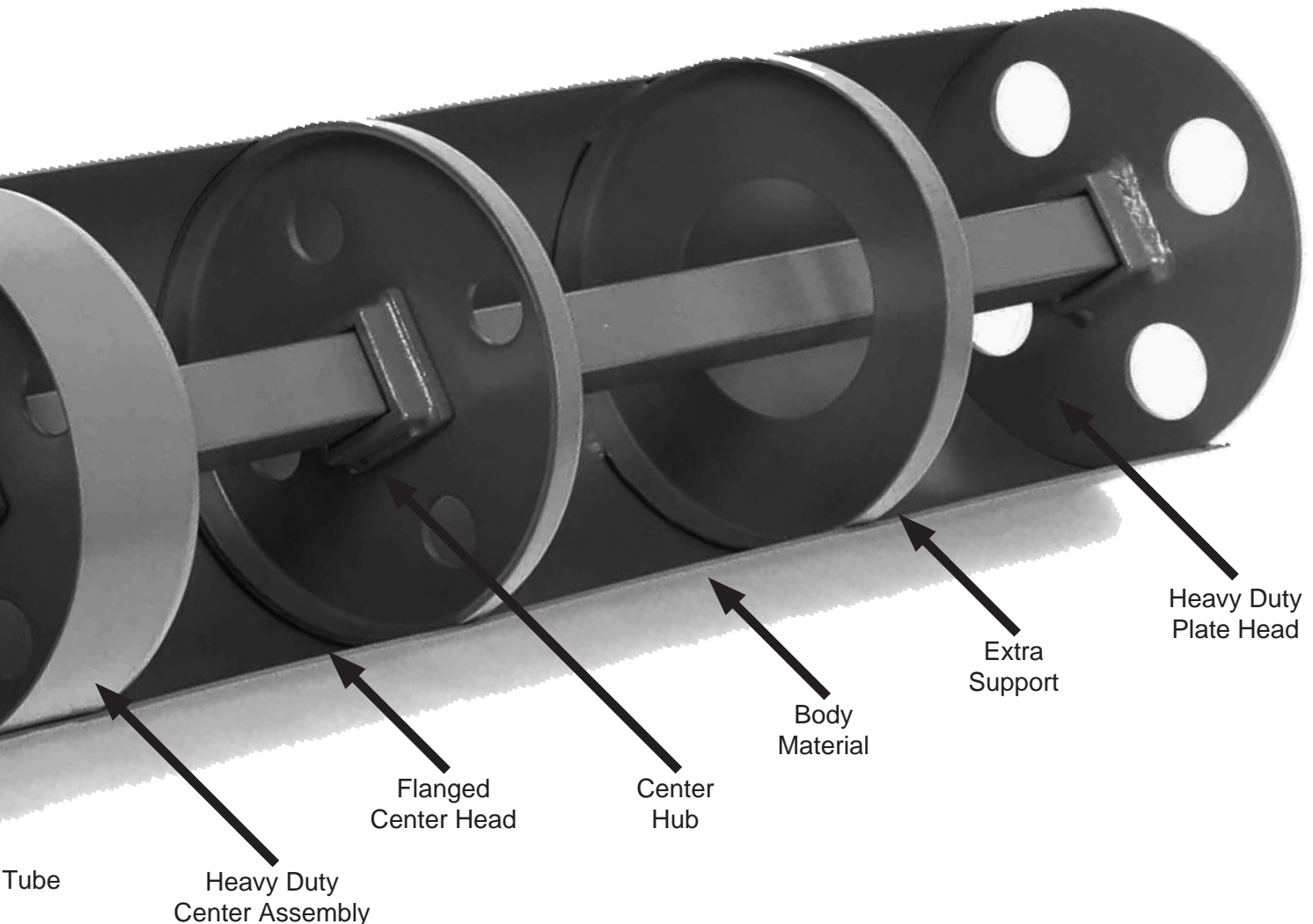
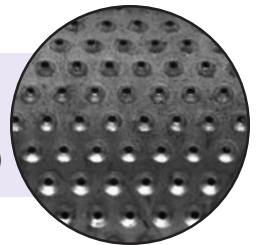
SURFACE OPTIONS:

Grip Tread Paint (shown),
Grip Tape, Velcro® tape



SURFACE OPTIONS:

Smooth Steel,
Perforated Steel (shown)



ALUMINUM CALENDER SHELLS Light Weight, Easy to Handle

Construction:

- Manufactured with the same quality as our steel shells
- Lighter weight -- easier loading and unloading
- Optional grip tape or Velcro® tape rings on surface provides a better grip for the material.

Features and Benefits:

- No risk of contamination
- No splintering
- Lightest weight → easiest handling

Options:

Surface:

- Grip Tread Tape (GTP)
- Velcro® tape (VTP)

Ends:

- Steel Wear Rings on each end (1" wide)

Drive Channel:

- Square



Aluminum shell shown with optional steel wear rings.

SPECIFICATIONS: ALUMINUM CALENDER SHELLS

DRIVE CHANNEL	DRIVE BAR	DIAMETER	MAX LENGTH	MAX WT LOAD
1-3/8"	1-1/4"	4", 6"	144"	500 lbs
2-1/8"	2"	4"	365.76 cm	226.80 kg

PLASTIC CALENDER SHELLS Light Weight, Easy to Handle

Construction:

- Manufactured from high-density, plastic components with steel drive tube
- Lighter weight -- easier loading and unloading
- Available with flush or recessed end heads
- Drive channel available in various sizes of square hub
- Optional grip tape or Velcro® tape rings on surface provides a better grip for the material.

Features and Benefits:

- No risk of contamination
- No splintering
- Lighter weight → easier handling
- Resists denting

Options:

Surface:

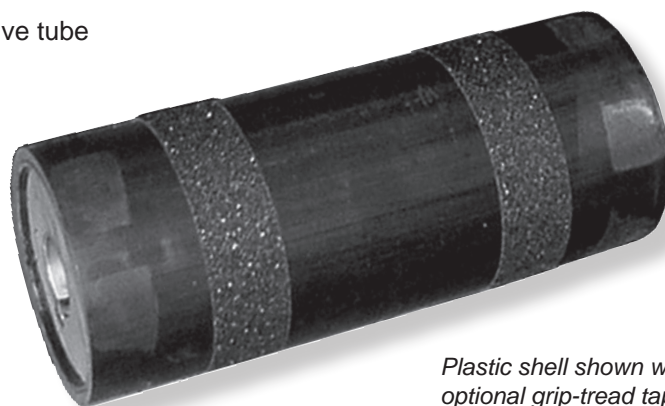
- Grip Tape (GTP)
- Velcro® tape (VTP)

Heads:

- Flush end
- Recessed end

Drive Channel:

- Square



Plastic shell shown with optional grip-tread tape.

SPECIFICATIONS: PLASTIC CALENDER SHELLS

DRIVE CHANNEL	DRIVE BAR	DIAMETER	MAX LENGTH	MAX WT LOAD
1-3/8"	1-1/4"	4", 6", 8"		
1-5/8"	1-1/2"	4", 6", 8"	60"	500 lbs
1-7/8"	1-3/4"	4", 6", 8"	152.40 cm	226.80 kg
2-1/8"	2"	4", 6", 8"		

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