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## UNIVERSAL CHAINWHEELS

### Type 316 Stainless Steel

#### Pocket Type for TRUMBULL 316L welded machine chain

Trumbull Stainless Steel Chainwheels allow operation of overhead valves by means of a slight pull on the chain. Universal design allows Chainwheel to be clamped to handwheel, or pinned directly to valve stem.


Designed for corrosive environments, Trumbull Stainless Steel Chainwheels are Type 316 investment steel castings. Ideal in chemical processing, outdoor installations, or salt water environments.

All Chainwheels are furnished with attachment hardware for clamping to handwheel. See top of page G-22 for illustrations of clamping methods.

Pocket style chainwheels use smooth, welded link (proof coil) chain. See pages G-19 and G-20 for separate literature on Trumbull's ductile iron sprocket chainwheels using single loop chain, and bottom of page G-22 for comparison of both types.



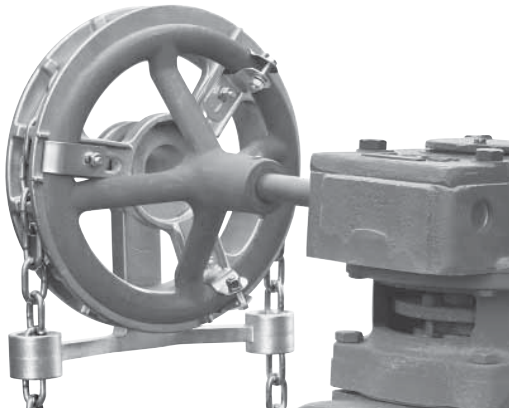
### SPECIFICATIONS:

<u>Trumbull Item No.</u>	<u>Size No.</u>	<u>Diameter of Chainwheel</u>	<u>Range of Handwheels Chainwheel Will Fit**</u>	<u>Weight lbs.</u>	<u>Length of Chain Required (2x Drop)</u>
367-1825	TRS-4D*	4-1/8"	1-1/2" I.D. to 4-1/2" O.D.	4.6#	Plus 1 ft.
367-1830	TRS-6D*	5-7/8"	2-1/8" I.D. to 6-1/4" O.D.	8.4#	Plus 1 ft.
367-1833	TRS-8B	8"	7-1/2" O.D. to 10-1/2" O.D.	13.9#	Plus 1-1/2 ft.
367-1845	TRS-12B	11-5/8"	8-1/2" O.D. to 13-1/2" O.D.	19.1#	Plus 1-1/2 ft.
367-1850	TRS-15B	15-3/16"	9-1/2" O.D. to 17-1/2" O.D.	23.9#	Plus 2 ft.
367-1860	TRS-22B	22-1/4"	13" O.D. to 25" O.D.	32.6#	Plus 3 ft.
367-1870	TRS-29B	29-1/4"	17-3/4" O.D. to 32" O.D.	44.3#	Plus 4 ft.
367-1815	TRS Series 316L Stainless Steel Machine Chain, TRUMBULL Calibrated				
367-1816	TRS Series Connecting Link, Stainless Steel				

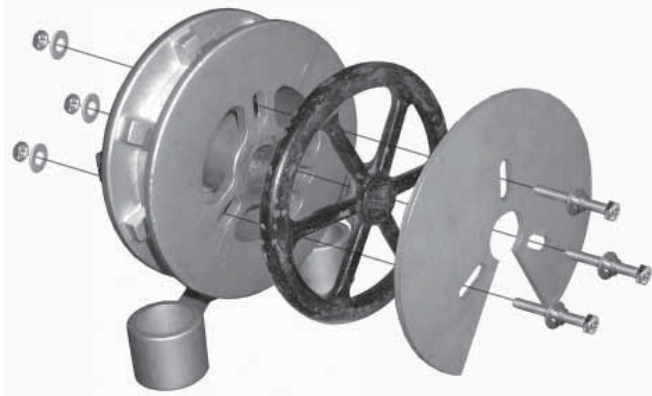
The ranges above are for Size "B" attachment stampings, furnished standard with TRS-8 thru TRS-29 chainwheels. Chainwheels can fit handwheel diameters outside these ranges by using optional hardware (see Table 1 on pg.G-22). Consult your sales rep for either shorter or longer attachment set stampings.

\* D suffix denotes "Disc", used in lieu of standard clamping hardware; see top right of page G-22 for illustration.

\*\*Optional hardware attachment sets are available to fit different ranges of handwheels (see Table 1 on page G-22).

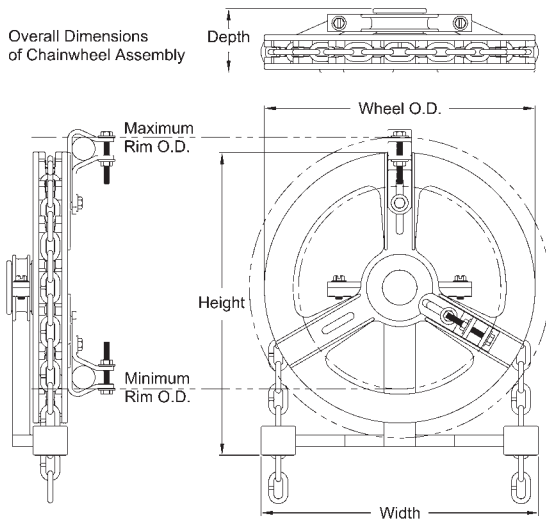


Attachment hardware for clamp-on installation. Furnished with TRS-8 thru TRS-29 chainwheels.



Clamping disc hardware for clamp-on installation. Furnished with TRS-4 and TRS-6 chainwheels. (Optional on the TRS-8.)

Optional bushing for direct mount installation is available. Consult Engineering for bushing and pin options.



**Overall Assembly Dimensions**

Size	Wheel O.D.	Height	Width	Depth
TRS-4	4-1/8"	6-1/4"	4-5/8"	2-3/8"
TRS-6	5-7/8"	7-1/16"	6-3/16"	2-5/8"
TRS-8	8"	9"	8-7/16"	2-3/4"
TRS-12	11-5/8"	13-1/8"	12"	2-3/4"
TRS-15	15-3/16"	16-1/4"	15-5/8"	2-3/4"
TRS-22	22-1/4"	22-1/4"	22-5/8"	2-3/4"
TRS-29	29-1/4"	29-1/4"	29-1/2"	2-3/4"

**TABLE 1:**

Handwheel O.D. ranges with optional attachment sets.

Size	"A" Attachment Set		"C" Attachment Set	
	Min. O.D.	Max.O.D.	Min O.D.	Max O.D.
TRS-4	n.a.	n.a.	n.a.	n.a.
TRS-6	n.a.	n.a.	n.a.	n.a.
TRS-8	6"	8"	12-1/4"	15-1/2"
TRS-12	7"	11"	13-1/4"	18-1/2"
TRS-15	8"	15"	14-1/8"	23"
TRS-22	11"	22-1/2"	17-1/2"	30"
TRS-29	16"	29"	22-1/2"	37"

Note: Chainwheels furnished standard with "B" Attachment Sets; see page G-21 for range of fit.

For optional ranges, using "A" or "C" sets, see chart on right...

Handwheels with hubs projecting above the handwheel rim may cause interference with the attachment set stampings in some instances. Please consult Trumbull or send us a drawing of your handwheel to avoid attachment problems.

Illustration shows the difference between sprocket and pocket type wheels.

**Pocket Type Wheel:**

Straight link machine chain fits in pockets in the wheel.



Smooth chain links provide more comfortable operation.

**Sprocket Type Wheel:**

Single loop chain engages teeth in the wheel.

