Fork (Stopper)

TUGPINS specializes in the design, development and production of customized forks and towing pin systems. By choosing the anchor handling and towing equipment from Tugpins you opt for maximum safety and operational efficiency.

A fork is used to secure a towing line or anchor chain temporarily. Our forks are, like our **sharkjaws** and **towing pins**, retractable. When the fork is inoperative, it sinks hydraulically into the deck this way allowing optimum use of the workspace on deck.
A fork is mainly used onboard tugs, workboats and multifunctional vessels in the maritime industry and offshore.

Watertight Plus system (patented)

TUGPINS towing pins are equipped with our patented Watertight Plus system. This innovation addresses the number one cause of towing pin problems: the damage of the internal mechanical parts of the system due to seawater corrosion. The WP design of our fork and towing pins are 100% watertight during its lifespan.

Because seawater cannot penetrate the system, the towing pins made by TUGPINS have a number of advantages:

- Less maintenance and reduced costs
- Longer lifespan
- More sustainable than comparable systems on the market, because **TUGPINS** systems use a light, biodegradable oil instead of traditional lubricants.

Tailor-made forks

All our forks can be tailor-made and vary in size from 125 to 300 Metric Ton (MT) Safe Working Load (SWL). We deliver our forks as part of any desired setup, including any number of **towing pins**. Hydraulic power units, control boxes, accumulators and control panels for the bridge, are optional.

KEY FEATURES

- 100% watertight
- Compact and modular design
- Safe Working Load up to 300 MT
- Quick release

KEY BENEFITS

- No / less corrosion
- No water below deck
- Reduced weight
- Reduced maintenance
- Environmently friendly
- Reduced total cost of ownership
- Easy to install
- Quick delivery

APPLICATIONS

- Towing
- Anchor handling
- Buoy handling

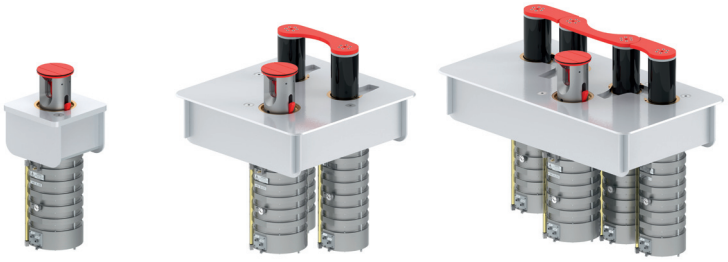
ADDITIONAL INFORMATION

More information can be found at:

www.tugpins.com

Youtube: tugpins

Fork (Stopper)



		S1-WP	GP2S1-WP	GPS4S1-WP
Dimensions	Lenght (mm)	600	1400	2150
	Width (mm)	600	1300	1200
	Height (mm) *	1170	1270	1245
Weight (kg)		710	2700	4100
Stopper	Stroke (mm)	330	330	330
	Diameter (mm)	250	250	250
	Safe Working Load (MT)	125	125	125
Guide pins	Number	N/A	2	4
	Stroke (mm)	N/A	400	400
	Pitch 1 (mm)	N/A	595	400
	Pitch 2 (mm)	N/A	N/A	595
	Pitch 3 (mm)	N/A	N/A	400
	Diameter (mm)	N/A	220	220
	Safe Working Load (MT) **	N/A	50-100	50-100
Suitable for diameter		32-64	32-64	32-64
Standard certification		●	●	●

Options / complementary products

- Hydraulic Power Unit
- Control box
- Towing pins
- Accumulator
- Control panel
- Remote control
- Self lubricating system
- Certification

* For installation & maintenance purpose, please add another 200 mm

** For SWL >100 MT other properties are applicable

TUGPINS

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