

# THOMPSON VALVE

Abrasive Metering Valve



The original Thompson Valve is a normally closed, self sealing, abrasive metering valve known for its instant, smooth response to either pneumatic or electric deadman controls. This fail-safe valve shuts off abrasive flow to the nozzle and seals the tank at the same instant. A remote abrasive cutoff is available, allowing the operator to stop the flow of media while continuing a constant flow of air. This provides a quick and easy way to clear the blast hose and blasting area of abrasive.

Designed for superior operator safety, the Thompson Valve is ideal for multiple outlet use and is easily adaptable to most existing blasting systems. It is engineered to allow precise metering of all types of abrasive media and can be modified for special applications.

## Features

- One knob precisely controls abrasive flow
- Standard urethane sleeve for normal operation, or optional tungsten carbide sleeve for extended life
- Design minimizes air turbulence in the mixing chamber, providing even media flow
- A short path helps ensure constant abrasive media flow
- Orifice is sized for precise metering of abrasive
- Rugged, non-corrosive body

Airblast offers a full selection of metering valves. Contact Airblast to discuss which metering valve is most suitable for your specific application.

### THOMPSON VALVE - Abrasive Metering Valve

Part no.	Description
6088000	Thompson Valve 1" with Tungsten Carbide sleeve
6088500	Thompson Valve 1" with Urethane sleeve
6089000	Thompson Valve 1¼" with Tungsten Carbide sleeve
6089500	Thompson Valve 1¼" with Urethane sleeve
6090000	Thompson Valve 1½" with Tungsten Carbide sleeve
6090500	Thompson Valve 1½" with Urethane sleeve

### THOMPSON VALVE Abrasive Metering Valve - Parts

Item	Part no.	Description	TC	U	Qty
01	6091000	Control knob			1
02	6091100	Cap			1
03	6091200	Bump ring			1
04	6091300	Spring			2
05	6091400	Nut			1
06	6091500	Piston seal	*	**	1
07	6091600	Piston			1
08	6091700	Tungsten Carbide Plunger	*	**	1
09	6091800	Cylinder			1
10	6091900	Plunger seal	*	**	1
11a	6092900	Tungsten Carbide Sleeve	*		1
11b	6092000	Urethane sleeve		**	1
12	6092100	Base			1
13	6092200	Bolt			2
14a	6092300	Pipe nipple 1" M x 1" M			1
14b	6092400	Pipe nipple 1¼" M x 1¼" M			1
14c	6092500	Pipe nipple 1½" M x 1½" M			1
15	6099250	Sleeve pin			1
	6093000	Repair kit for TC sleeve, consist of *-marked items			
	6093100	Repair kit for U sleeve, consist of **-marked items			

