

## Townley Matrix Valve

Specifically designed for the mining industry

Featuring a new heavy duty stainless steel valve gate that is:

Taller, thicker, and has more seating area than any gate we have produced before

The blade taper is on the downstream side, with an asymmetrical tip design to allow positive seating of the blade during closing

The gate is fully machined on the upstream side to improve alignment while opening and closing

New dovetail clevis is threaded to valve shaft creating a more robust shaft to blade connection

### Additional Valve Upgrades:

Improved Towniprene® material with higher tensile strength and tear resistance

A deeper Towniprene® seat channel that improves blade alignment and sealing

Increased seat area spreads closing forces over a larger area

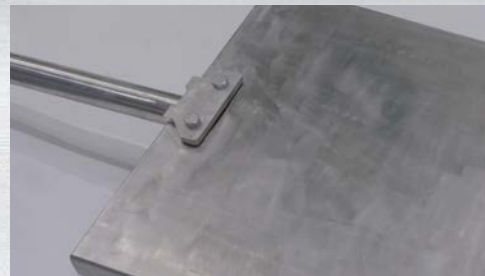
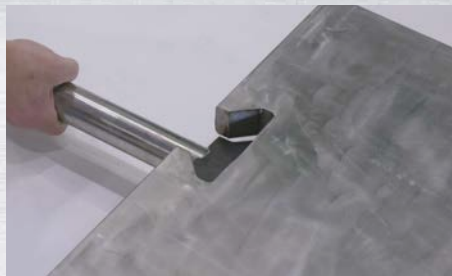
Towniprene® wraps around the high chrome wear port to improve bonding

Larger 6" diameter hydraulic cylinder is standard adding increased opening and closing force

**TMV 150**  
**Longer Service**  
**Less Maintenance**



## Strong Connection

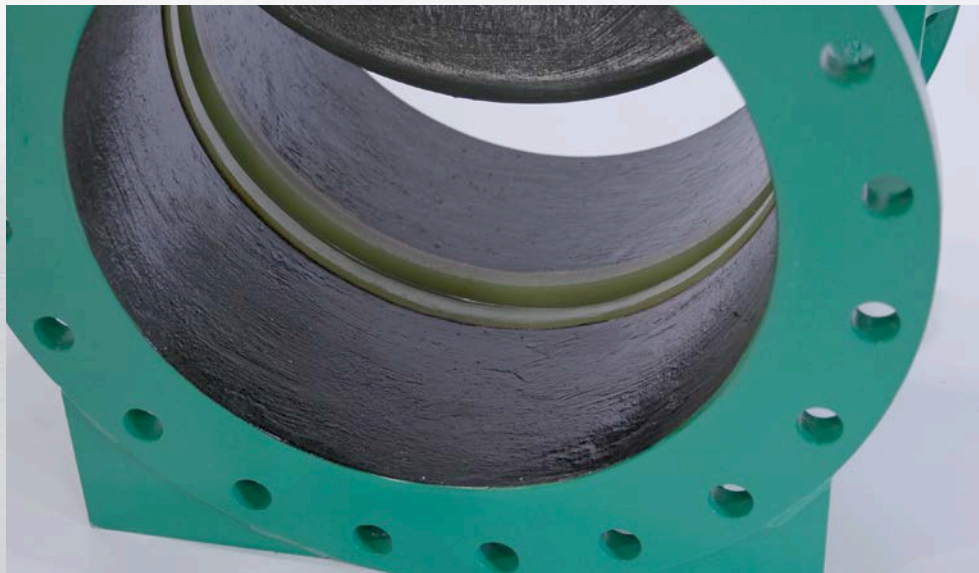


The all new "dove tail" shaft to blade connection utilizes a custom machined locking block that threads onto the stainless steel threaded shaft. This shaft and block combination is then mated into a matched cutout in the heavy duty blade. This combination of perfectly matched CNC machined parts creates a maintenance free shaft to blade connection.

## Bigger, Better Blade



## New Formula, Better Fit



This new blade is also larger, thicker and tapered to perfectly fit into the deep Towniprene® valve seat. The new Towniprene® formula is more tear resistant and provides additional tensile strength.

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