

Canada Foundry Company Limited

HEAD OFFICE TORONTO, ONT.

WATERWORKS DEPARTMENT.

BULLETIN No. 30.

SUPERSEDING No. 7.

GATE VALVES AND FIRE HYDRANTS.

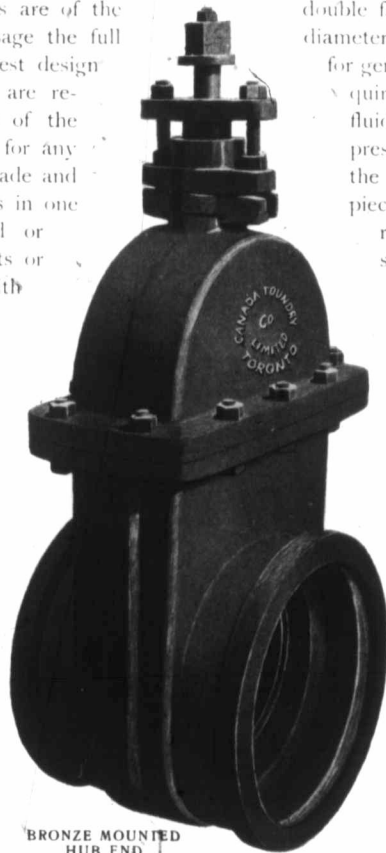
Our standard valves are of the having a straightway passage the full is the simplest and strongest design number of working parts are re- is offered to the passage of the sizes from 2 inch upward for any used are of the highest grade and

The gate or plug is in one tapering, heavily braced or between two inclined seats or ensure perfect alignment with plug is guided by ribs or engage with grooves in the vent it from turning, com- seats, or chattering when ribs are of unequal width being inserted wrongly or otherwise. The plug is end of the valves may be desired. The shell is body and the cap, put with bolted flange joint. may have flange, screw, tions, or any combina- ends are recessed to bottoming, and Amer- threads are used unless

With reference to are of two kinds, viz., spindle, and *outside screw*

In the inside screw but does not rise, being collar. The plug rises and falls on the spindle, its upper portion being threaded to form a nut for the screw on the lower end of the spindle.

The thrust collar is held between two immovable metal faces, thus avoiding any tendency to cramp the spindle in the stuffing box. The operating screw of these valves is entirely inside the valve body and cap.



BRONZE MOUNTED
HUB END
GATE VALVE.

double faced solid wedge plug type, diameter of the connecting pipe, which for general purposes. The smallest required and the least resistance fluid. They are made in all pressure desired. The materials the workmanship is unsurpassed, piece, made wedge-shaped or ribbed, and closes vertically surfaces in the body. To the spindle or stem, the splines in the body which edges of the plug to pre- ing in contact with the opening or closing. These to prevent the plug from after removal for repairs double faced and either used for inlet or outlet as made in two pieces, the together with screw or The ends of the valves hub, or spigot connec- tion of these. Screw prevent the pipe from ican standard pipe otherwise ordered.

the main spindle, valves *inside screw* or stationary *and yoke* and rising spindle. valves the spindle revolves held vertically by a thrust