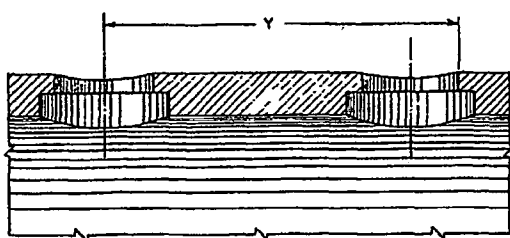
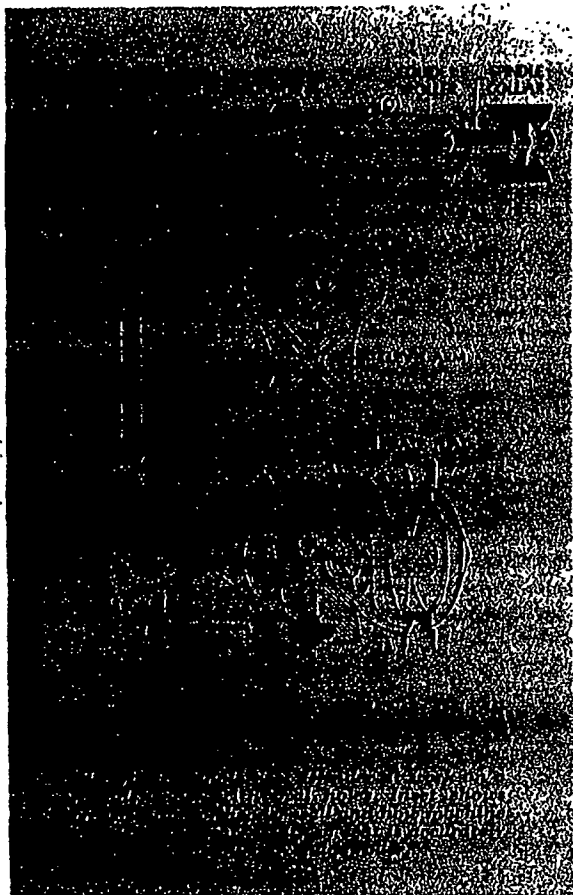


of equipment, designed to hold a grinding wheel in one plane, while permitting its free movement in that plane.

The unit is set up for use by threading a face plate to a handhole plate stud of an adjacent handhole. An adjusting plate is screwed to the face plate on a ball joint, and adjusted by four leveling screws. This plate



Specify dimension "Y". If more than 11½ in. the extension link, illustrated on the following page, must be ordered as extra.

rigidly controls the alignment of the grinding wheel relative to the seat face. The grinder can be set up to work at any angle.

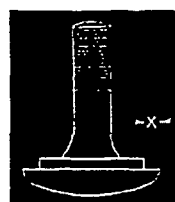
In a unit of this nature there would normally be the possibility of end-play in clevis bearings. However, this possibility is eliminated by providing adjustable point clevis bearing spindles. As wear occurs, centers can be advanced to relative tightness and locked in the new position. By this means the alignment of the grinding spindle is rigidly maintained.

The width of the seat to be ground is controlled by a guide roller on the spindle housing, which bears against the side of the handhole. Guide rollers can be supplied in four diameters and four different diameters of grinding wheels are available. Adapters for ¾-in. and 1-in. handhole studs are furnished. A convenient spacer on the grinding spindle is used to adjust the level of the grinding wheel for various thicknesses of headers.

Handholes of any shape can be ground. Any handhole within range of the unit can be faced with a single setting. In case the reach is greater than 11½ in., an extension link can be furnished as extra equipment. See below and illustration on next page.

The Elliott handhole seat grinder is driven by either an air or an electric motor. The drives are interchangeable.

In the air-driven model, the motor is an Elliott standard "600 series" tube cleaner motor which is operated with compressed air at 80- to 100-psi pressure. The motor is enclosed in a detachable housing and drives the spindle through a self-aligning slip coupling. The backing off of one nut permits the removal of grinding wheel and spindle assembly when it is necessary to change guide rollers.



SPECIFY WHEN ORDERING

Either give dimension "X" or pick the correct guide roller and diameter wheel from the tabulation below. If more than one width of seat is to be ground order additional guide rollers and grinding wheels as extras.

Width "X"	Wheel Dia.	Guide Roller	Width "X"	Wheel Dia.	Guide Roller
3/8"	2"	No. 10	3/8"	2 1/4"	No. 10
1/2"	2"	No. 11	1 1/2"	2 1/4"	No. 11
1 1/4"	2"	No. 11X	1 1/2"	2 1/2"	No. 11X
3/4"	2"	No. 12	1 1/2"	2 1/2"	No. 12
3/8"	2 1/4"	No. 10	3/8"	2 3/4"	No. 10
1 1/4"	2 1/4"	No. 11	1 1/2"	2 3/4"	No. 11
3/4"	2 1/4"	No. 11X	3/8"	2 3/4"	No. 11X
1 1/2"	2 1/4"	No. 12	1 1/2"	2 3/4"	No. 12