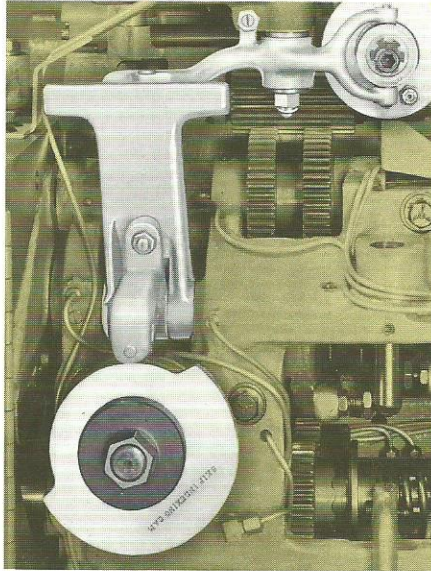


Rapid Pull-Out Attachment

For 00 Ultramatic Screw Machines (beginning serial No. 542-00-9150)



A simple cam causes disengagement and reengagement of turret change roll.

This low-cost attachment, for use with either 6 or 8 hole turret, single or double indexing, increases production on deep drilling operations where it is desired to withdraw the drill several times to clear chips. With this attachment the drill is withdrawn and returned to the bottom of the hole in $\frac{1}{4}$ second.

A simple cam operates the mechanism that permits the turret to be withdrawn and returned without the turret indexing.

This equipment increases the weight of the machine approximately 6 lbs. (2.7kg).

This attachment is also available for 00 machines prior to serial No. 542-00-9150. Information on application.

Brake in Neutral

For 00, 2 and 3 Ultramatic Screw Machines



A disk brake added to the machine spindle is actuated between high and low speed.

This brake, available at low cost, permits the use of both high and low speeds on many jobs where provision must be made to automatically stop the spindle.

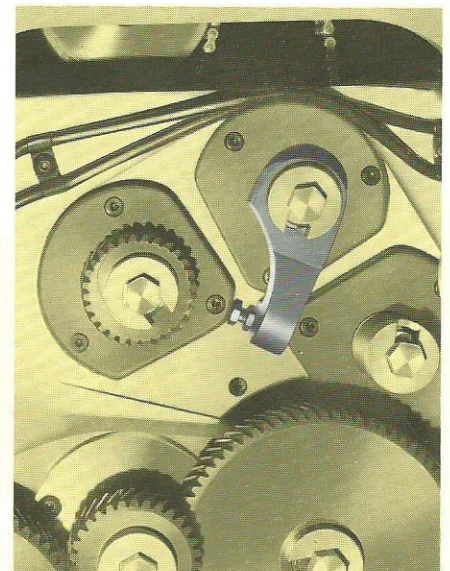
Included in this attachment is a disk brake added to the left end of the machine spindle. Removal of the insert from the machine spindle reversing clutch causes the brake to be applied between high and low speed (ordinarily the neutral position). For normal operation without this brake, it is only necessary to replace this insert.

This attachment is furnished as standard equipment on the No. 2 Chucking Machine.

Shipping weight (approx.), 6 lbs. (2.7kg).

Spindle Brake

For 00, 2 and 3 Ultramatic Screw Machines, and 2 Ultramatic Chucking Machines



This brake replaces a change gear on the low spindle speed drive shaft.

This brake*, which is easily added or removed from the machine, permits stopping the spindle for such operations as milling or cross drilling.

Located in the base of the machine, the brake replaces a change gear on the end of the shaft that carries the driving sprocket for the low-speed spindle drive. This holds the shaft stationary and thus prevents the low-speed sprocket on the spindle from turning. As a result, when the clutch engages this sprocket, the spindle is held motionless.

Shipping weight (approx.), 3 lbs. (1.4kg).

*Furnished as standard equipment with Offset Drilling, Cross Drilling, Turret Milling, and Rear Cross Slide Milling Attachments.