[Commander]



COLUMN GUIDE BAR ASSEMBLY

The column guide bar assembly clamps to round column drilling machine, and stabilizes the unit against possible machine quill looseness.

A connecting arm attached to the drill head, riding up and down on the guide bar through two ball bearing rollers, provides rigidity for precision drilling and tapping.

Select from appropriate tables.

UNIVERSAL ADAPTATION

Universal adapter cap fits 500, 600, 700, 850, 875, 900, 3-22, 4-15, 8-12 Multi-Drill models with slight machining. Cut tube to length required. Bore blank sleeve to quill diameter and split.

UNIVERSAL ADAPTATION ITEM NO. C72860

includes Tube, Clamp, Sleeve Blank and alteration instructions.

Fits quills up to 3.111" dia.



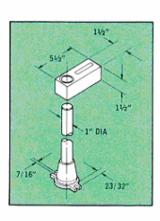
GUIDE RODS AND BUSHED ARMS

Guide rods and bushed arms are available for all Universal joint models of Commander Multi-Drill drill heads and Multi-Tappers (except the 300, which has specially designed guide rods and bushed arms), increasing stability and rigidity beyond that obtainable in the drilling machine being used. Rods mount on the drill press table and extend through the adjustable arm bushing.

NOTE: The use of Guide Rods and Bushed Arms with a Fixed Position Plate probably will require alteration of the plate to provide clearance for the arms.

Ordering Information:





FIXED POSITION PLATE

Fixed position plates and lock-in-position spindle cartridges provide the user with the advantages of a fixed center drill-head, without any of the disadvantages. The fixed position plate is bored to the hole pattern to be drilled, then the lock-in-position spindle cartridges are inserted. Fixed position plates provide fast and accurate set-up for re-runs. When ordering fixed position plate bored include diagram of desired hole pattern, and specify spindle being used.

Holes (Specify Quantity) Item C71135

BORED PLATE For use with circular Multi-Drills



UNBORED PLATE For use with rectangular Multi-Drills





Typical Lock-in-Position Spindle Assembly

FIXED POSITION PLATES		BORED HOLE DIMENSIONS REQUIRED FOR FIXED POSITION PLATES					ORDERING INFORMATION UNBORED PLATES	
500, 700, 850, 875, 900	MULTI- DRILL	SPINDLE ASSYS.		'B' BALL BRG, S/A	'B' HEAVY-DUTY S/A	'C' BORE	MULTI- DRILL	ITEM NUMBER
3-22, 4-15, 8-12, 1200 HH-'C' BORE	500 700 850 875 900	125	.4370/.4375				500	C71042
		0.75	0070/0075	1 000/1 0015	Market N. C. Tellus etter	71-71	700	C71043
		375	.6870/.6875	1.062/1.0615	Control of the second		850	C71047
		HEAVY-	1,062/1,0615	1.062/1.0615	1.0615 1.062/1.0615 —	The second	875	C71047
		DUTY	1.0027 1.0013	1.00271.0013		Bridge Control	900	C71045
	3-22 4-15 8-12 1200	125	.4370/.4375		But the state of the state of	½x½ Deep %x½ Deep	3-22	C71040
							4-15	C71041
		375	.6870/.6875	1.062/1.0615			8-12	C71044
		HEAVY- DUTY	1.062/1.0615	*1.062/1.0615	*1.062/1.0615		1200	C71046