



# WWW.HOMESHOPACCESSORIES.COM

## Toolchanger Jan 27, 2004 Price List & Bill of Material

Prices and availability subject to change

Part Number	Description	Quantity	Raw Material	MSC Part #	Finished Part \$
P-2-003*	Toolholder, Blank	1	1" Aluminum Round Bar	32011835	Drawbar Kit \$150 Assembled Spindle w Drawbar \$300
P-2-005	Drawbar Fingers	1	1/2" Drill Rod O-1	06000327	
P-2-006	Drawbar, Short	1	1/2" Drill Rod O-1	06000327	
P-2-007	7/16" - 18 NF Allthread Spacer	1	7/16" All Thread	04354346	
P-2-009	Drawbar Nut 10-32	1	Brass 1/2" Rod	32001257	
P-2-012	Spring Sleeve	1	Brass 1/2" Rod	32001257	
P-2-016	Main Rotor	1	3/4" x 3.5" Aluminum Bar	32012544	\$150.00
P-2-017*	Arm, Molded Plastic	8	Home Shop Accessories	P-2-017	\$20.00
P-2-018	Main Cam	1	2" x .5 O-1 Flat Stock	06132203	\$75.00
P-2-025	Index Plate	1	1/8" x 3" O-1 Flat Stock	06108302	\$100.00
P-2-026*	Top Plate	1	1/2 x 3" Aluminum Bar	32012429	\$75.00
P-2-027	Guide Rod 1/4"	2	1/4" Drill Rod O-1	06000160	\$10.00
P-2-028	Bottom Plate	1	1" x 3/8" Aluminum Bar	32012346	\$50.00
P-2-029	Main Slide	1	1 x 1.5" Aluminum Bar	32012569	\$75.00
P-2-030	Slide Cam, Short Stroke	1	1/8" x 1" O-1 Flat Stock	06108104	\$50.00
P-2-031	Cylinder Mount	1	1 x 1.5 Aluminum Bar	32012569	\$25.00
P-2-034	Mounting Spacer Block	1	3" x 1" Aluminum Bar	32012585	\$50.00
P-2-036	Spacer, Turret Mount	1	1" Aluminum Round Bar	32011835	\$5.00
P-2-043	Headstock Mounting Pin	1	3/4" Drill Rod O-1	06000483	\$35.00
P-2-044*	Slide Bar	1	1/4" x 1/2" O-1 Flat Stock	06116057	\$50.00
P-2-049	Actuating Plunger	1	5/16" Drill Rod O-1	06000244	\$5.00
P-2-050*	Turret Mounting Pin	1	3/8" Drill Rod O-1	06000202	\$15.00

Asterisk\* Denotes work required to finish part

### Pneumatic Components

Description	Quantity	MSC Part #	Bulk Price
Sherline Headstock	1	Sherline Part# 30100	\$102.00
Sherline Spindle, Short	1	Sherline Part# ER-16	\$50.00
Tool Holder Body, Short	1	Sherline Part# 3079	\$30.00
Air Cylinder, Slide	1	36696532	\$17.94
Micro Switch	1	54045182	\$2.35
Air Cylinder, Drawbar	1	01512912	\$44.01
Valve, 4 Way 12V	2	05681523	\$25.01
Fitting 1/8 npt - 5/32	6	48618086	\$1.67
Fitting 10-32 - 5/32	2	06475750	\$1.96
Muffler 1/8 npt	1	75048306	\$2.14
Hose, 5/32 air line Poly	4 Feet	60574712	\$24.56

Assembled Spindle W Drawbar uses Sherline ER-16 Spindle, you must install in your headstock. Parts in Finished Part \$ column order from Home Shop Accessories, all other parts order direct from MSC or Sherline

## Fastener Kit \$45

Part Number	Description	Quantity	MSC Part #
P-2-004	6-32 x 1/2 Flat Head	6	05576053
P-2-008	Drawbar Spring, 3/8 x 1	1	07663248
P-2-010	Drawbar Stud 10-32 x 2.5"	1	00103036
P-2-011	Roll Pin 1/16" x 1/2"	1	67501163
P-2-013	Roll Pin 1/8" x 7/16"	1	67595363
P-2-014	Roll Pin 1/8" x 1/4"	1	67595242
P-2-015	Drawbar Finger Spring	1	06810162
P-2-019	Dowel 3/16" x 1"	6	06023105
P-2-020	Dowel 1/8" x 1"	6	06022107
P-2-021	Arm Return Spring	12	06813646
P-2-022*	Dowel, 3/16" x 1" Modified	6	06023105
P-2-023	10-24 x 1/2" SHCS	6	05508056
P-2-024	Dowel, 3/32" x 3/4"	6	06021075
P-2-032	8-32 x 3/8 Button Head	2	05617048
P-2-033	1/4"-20 x 1" SHCS	2	60666104
P-2-035	8-32 x 3/8" Set Screw	2	03504172
P-2-037	Woodruf Key	1	67987644
P-2-038	10-24 x 3/8" SHCS	1	05508049
P-2-039	10-32 x 3/4" SHCS	3	05498076
P-2-040	6-32 x 1/2" SHCS	2	05506050
P-2-041	1/4"-28 x 5/8" Stud	1	00498824
P-2-042	5/16-18 x 1/2" Set Screw	1	02315968
P-2-045	10-24 x 3/4" SHCS	2	05508072
P-2-046	Dowel .125" x 1/2"	4	06022057
P-2-047	Music Wire .060" x .25"	1	31981400
P-2-048	Music Wire .030" x 2.0"	1	31981285
P-2-051	Turret Spring	1	03308327
P-2-052	E-Clip E-37	1	67150763
P-2-053	Roll Pin 3/32" x 5/8"	1	67594960