

# Mach-1 Quick-Change Tooling System



Part Number:	Product Description:	Part Number:	Product Description:
<b>54690382226000</b>	<b>Mach-1 Tooling System*</b>	54690382226150	3/4" Endmill Holder with Drive Collar
<b>54690382226001</b>	<b>Mach-1 Tooling System w/extra DRAWBAR</b>	54690382226151	7/8" Endmill Holder with Drive Collar
<b>54690382226002</b>	<b>Mach-1 Tooling System (STEP PULLEY KIT)</b>	54690382226152	1 1/4" Endmill Holder with Drive Collar
54690382226010	Actuator Cap Assembly	54690382226153	1" Endmill Holder with Drive Collar
54690382226011	Actuator Cap	54690382226160	1" Shell Mill Adapter
54690382226030	Drawbar Assembly*	54690382226161	3/4" Shell Mill Adapter
54690382226032	Die Spring	54690382226162	1" Shell Mill Adapter with Drive Collar
54690382226038	5/8" Dia. x 1" Long Spacer	54690382226170	7/8" - 20 Boring Head Adapter
54690382226050	Setting Gage	54690382226171	1 1/2" x 18 R-8 Boring Head Holder
54690382226051	Press Ring	54690382226180	180 Erickson Collet Holder
54690382226062	Spanner Wrench*	54690382226185	R8 To Morse Taper 2
54690382226070	Manual*	54690382226186	R8 To Morse Taper 3
54690382226100	Collet Closer (*4 included in Tooling System)	54690382226490	R-8 Tightening Fixture*
54690382226101	1/8" Collet with ground Pull Stud*	54690382226191	Tool Tray*
54690382226103	3/16" Collet with ground Pull Stud*	54690382226201	3mm Collet with ground Pull Stud
54690382226105	1/4" Collet with ground Pull Stud*	54690382226202	4mm Collet with ground Pull Stud
54690382226107	5/16" Collet with ground Pull Stud*	54690382226203	5mm Collet with ground Pull Stud
54690382226109	3/8" Collet with ground Pull Stud*	54690382226204	6mm Collet with ground Pull Stud
54690382226111	7/16" Collet with ground Pull Stud*	54690382226205	8mm Collet with ground Pull Stud
54690382226113	1/2" Collet with ground Pull Stud*	54690382226206	10mm Collet with ground Pull Stud
54690382226116	9/16" Collet with ground Pull Stud*	54690382226207	12mm Collet with ground Pull Stud
54690382226117	5/8" Collet with ground Pull Stud*	54690382226208	16mm Collet with ground Pull Stud
54690382226119	1 1/16" Collet with ground Pull Stud*	54690382226209	20mm Collet with ground Pull Stud
54690382226121	3/4" Collet with ground Pull Stud*	54690382226230	3mm Endmill Holder
54690382226130	3/16" Endmill Holder	54690382226231	4mm Endmill Holder
54690382226131	1/4" Endmill Holder*	54690382226233	6mm Endmill Holder
54690382226132	3/8" Endmill Holder*	54690382226234	8mm Endmill Holder
54690382226133	1/2" Endmill Holder*	54690382226235	10mm Endmill Holder
54690382226134	5/8" Endmill Holder	54690382226236	12mm Endmill Holder
54690382226140	Jacobs J1 Chuck Adapter	54690382226237	16mm Endmill Holder
54690382226141	Jacobs J2 Chuck Adapter	54690382226238	20mm Endmill Holder
54690382226142	Jacobs J3 Chuck Adapter	546900MODR8COL	Modify R8 Collet with Pull Stud
54690382226143	Jacobs J6 Chuck Adapter	5469000RTANGLE	Right Angle Head Retrofit
54690382226144	Jacobs J33 Chuck Adapter*		

\*Items included in standard Mach-1 Tooling System

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## Mach-1 Quick-Change Tooling System



Insert the collet or toolholder in the spindle.

Push back on the quill handle.

You've turned minutes into seconds!

### Change Tools in Seconds!

Install the patented Mach-1 mechanical drawbar system in your Bridgeport or other knee mill to reduce job setup and increase accuracy and repeatability. A ground pull stud snaps the collet or toolholder in place with a short push of the quill handle. A collet closer will secure the tool in the collet so that when the collet is removed from the spindle, the tool will maintain the Z-axis position or length characteristics when needed. The Mach-1 Tooling System will pay for itself in a matter of days!



#### Tooling System Includes:

- R-8 Collet Set
- Jacobs Chuck Adapter
- R-8 Endmill Holders
- Drawbar Assembly
- Collet Closers
- Tightening Fixture
- Tool Tray
- Spanner Wrench

Optional Drive Collar tooling

