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35 35	21	Dick Pretel's Engines for sale	Mike Rehmus	Pictures	Sale, Wall Four, Atkinson, Challenger	<u> </u>	

35	22	Dick Pretel's Four Cams V-8	Mike Rehmus	Centerfold			
					Cuindle		
35 35		A High-Speed Spindle for Your Mill Three Arc Cam Design	Theo de Jong Carl Wilson	Machine Modifications Design Methods	Spindle see also issue 33 34 36		
35		Gaskets	Dwight Giles	Tools & Techniques	Gasket, Aramid, Vegetal Fibers		
35		Reader's Engines	Les Stone	Pictures	Brown, Micron, Mancini		
35		Reader's Engines	John Gilmore	Pictures	GEM1 GEM-1		
35	37	Reader's Engines	Gary Wittmer	Pictures	Hoglet		
35		Making Gaskets	Mike Rehmus & Dwight Giles	Construction	Gaskets		
35		Tips: Simple things that make life in the shop easier	wike Kelillus & Dwight Glies	Tips	Cork Tiles; Heavy chucks handling, power cross feed, oil dipstick		
35		Power Pioneers, The Art of the Engine	Ron Cairns	History	Conventional & Unconventional Old Engines		
35		Lathe Handle Counterweights	Don Grimm	Machine Modifications	Balanced, Unbalanced, Cross-Feed, Handle, Counterweight		
35	44		Don Gillilli	Tips	IC. Worn Cams. Hardened Cams		
36		GEM1 A throttled Single Cylinder Engine	Dwight Giles & Mike Rehmus	Construction	GEM 1, GEM-1, John Gilmore's GEM1		
36	19	Three Arc Cam Design	Carl Wilson	Design Methods	see also issue 33 34 35		
36		Gearless Rotary Table	Dwight Giles & Mike Rehmus	Fixtures & Work-Holding			
36		John Gilmore's Drag Engine Based on the Black Widow V-8 Design		Description	Black Widow V8		
36		John Gilmore's Drag Engine Based on the Black Widow v-8 Designation Gilmore's Dragster Engine	Mike Rehmus	Centerfold	V8, Supercharged, water cooled		
36		Molded Plug Wires	Dwight Giles	Construction	Plug Wires Molding		
					Making Spark Plug Connectors		
36 36	31 32	Tips	Dwight Giles Mike Rehmus	Tips	Making Holes, Depth		
		Tips Tips	Mike Rehmus	Tips			
36 36		Tips Tips	Mike Rehmus Mike Rehmus	Tips	Steady Rest		
		Tips		Tips	Keying a Vise		
36 36		Cylinder Head Testing Reader's Engines	Dwight Giles	Tools & Techniques Pictures	IC, Valves, Leakage Brian Rup Flathead		
			Dario Brisighella				
36	36	Reader's Engines	Peter Gain	Pictures	Mills 1.3		
37		GEM1 A throttled Single Cylinder Engine	Dwight Giles & Mike Rehmus	Construction	GEM 1, GEM-1, John Gilmore's GEM1		
37		Making Valves	Dwight Giles & Mike Rehmus	Tools & Techniques	Valves		
37		Hardinge HLV-H Modifications - Making Tool Use Easier	Steve Jasik	Tools & Techniques	Hardinge		
37		Teaching and Attracting Others to the Hobby	Bob Kradjian		Teaching Models		
37		Drill Holes To Size	Dwight Giles	Tips			
37		Calculating Drill Tip Cutting Depth	Mikes Rehmus	Tips			
37		Superglue	Mikes Rehmus	Tips			
37	32	Confusing Coordinate System On Mills	Mikes Rehmus	Tips			
37	32	Elliptical Gears	Paul Denham	Tips			
37		Cleaning and Protection	Todd Wallace	Tips	Cosmoline		
37		What About Turning Mill Dials	Mikes Rehmus	Tips			
37		Small Key and Setscrew	Dwight Giles	Tips			
37		Supporting an Odd Shape in the Mill	Mikes Rehmus	Tips			
37		Dual Purpose Height Gauge	Dario Brisighella	Tips			
37		Need a Machinist's Jack Equivalent?	Mikes Rehmus	Tips			
37		Aluminum Thread On Thread	Jack Morris	Tips	Galling		
37		Cherry Hill - Joe Martin Foundation's Craftsman of the year Aw	Creig Libuse		Joe Martin, Cherry Hill, Award		
37		Lathe Work In a Mill	Mikes Rehmus				
38		GEM1 A throttled Single Cylinder Engine	Dwight Giles & Mike Rehmus	Construction	GEM 1, GEM-1, John Gilmore's GEM1 Valve Grinding		
38		Radius Cutter	Dwight Giles & Mike Rehmus	Tools & Techniques			
38		Making a Small Saw Mandrel	Mikes Rehmus	Tools & Techniques	Valves, Grinding Original purpose to cut the slots to grind valves of GEM 1		See issue 38 page 3
38	18	Ball Tools For Fillets	Dwight Giles & Mike Rehmus	Tools & Techniques	castings, finishing		
38		Plastigauge®	Advertisement	Tools & Techniques	Bearings Clearance Measurement		
38		Stuck Screw	Carl Wilson	Tips	Screw Extraction, Frozen Screw		
38		Four-Jaw chuck fun	Mikes Rehmus	Tips	Chuck		
38		Fly Cutter		Links	Fly Cutter, finishing		
38		Machinist Tips on the Internet		Links	Join Redit		
38		Making paint-filled label plates		Links	Laser printing labels nameplates		
38		Measuring Tools		Links	Use Ball Bearing as gauges		
38		3D Print An Air Motor		Links	Compressed Air Engine, RC Radio Control Airplane plastic engine		· · · · · · · · · · · · · · · · · · ·
38		Controlling Depth of Tailstock Travel		Tools & Techniques	Tailstock travel, drilling depth		
38		Reducing Collet Runout		Fixtures & Work-Holding	Collet Runout Concentric		· · · · · · · · · · · · · · · · · · ·
38	22	Step Drills		Tools & Techniques	Drilling		
38	22	Aligning Stub Workpieces		Fixtures & Work-Holding	Wobble Wobbling workpiece chucking		
38	23	Gasket Punch	Dwight Giles & Mike Rehmus	Tools & Techniques	Gasket Punch Sealing Klingersil Thermoset		
38	25	Con Rod Tapering Jig	Dwight Giles & Mike Rehmus	Fixtures & Work-Holding	Con Rod		
38	26	The Miniature Engineering Craftmanship Museum	Craig Libuse	Links	Joe Martin Engine Pictures of: Bentley; Morton M5; Continental C65; Holt; Anzan Mustang Fighter airplane; Ardun Ford; Dusenberg SG; GEM1; Freelance opposed p Butders and Desighers: Paul Knapp; Dennis Fadden; Reinhold Kneger; Roger Butze Lee Root; Young C. Park; Ron Bement; Lou Chenot; Dwight Giles; Doug Kelly; Cha	iston; Allegheny Locomotive; Upsh n; Henry Parohl; Profi M. E.; Harol	nur's T-Head; Seal Major. ld Beckett; George Trimble;
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38	38	Engine Clearances	George Gravatt	IC	Fitting Tolerances		