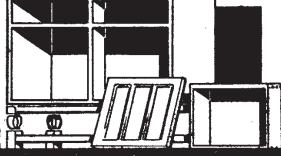


WOODWORKER



TOOLS & TECHNIQUES: SHARPENING

A Really Sharp Edge.....	2
Obtaining a Keen Edge	4
How I Sharpen my Tools.....	6
Hollow-ground Cutting Edges	8
Sharpening Your Tools:	
Can You Produce a Keen Edge?.....	10
When Your Plane Needs Sharpening.....	13
Sharpening the Chisel	15
Getting the Best out of Your Work:	
Your Tools.....	15
Sharpening Your Tools:	
Wood Carving.....	18
How to Sharpen Moulding Plane Cutters	20
Sharpening the Tools.....	21
Wood Carving:	
Sharpening the Tools.....	24
Sharpening Your Saws	28
Keep Your Saws Sharp	29
Setting Your Saws in Wartime	32
Sharpening your Saws.....	33
Sharpening a Lightning Cross-cut Saw.....	35
The Scraper:	
Sharpening	36
How to Sharpen the Scraper.....	38
Simple Home-made Saw Vice.....	39
How I Sharpen my Tools:	
The Scraper.....	39
<i>Sharpening the Scraper.....</i>	41
Sharpening Your Tools:	
The Scraper.....	40
Chisels and Gouges	42
Bits	43
Planes	44
Spokeshaves and Drawknives	45
Axe and Adze.....	46
Carving Tools.....	46
Turning Tools.....	47
Scratch-stock	47
Hand and Machine Tool Sharpening:	
Hand and Back Saws.....	48
Setting and Reconditioning	
Hand and Backsaws	51
Boring Bits.....	54
Cutting Gauge, Wood Spokeshave, Screw Box.....	56
Scraper Plane Blades	58
Axe and Drawknife	59
Moulding Plane Cutters	61
In the Workshop:	
Sharpening Equipment.....	62
Workshop Hints:	
The Essential Things to Know about Oilstones ...	65
Points to Know about Oilstones	66
Keep the Oilstone Flat	68
Cleaning an Oilstone.....	68
Your Oilstone Case	69
Hints on Tool Grinding.....	69
Grindstones and Oilstones.....	70

Chart titles are in italic.

WOODWORKER



TOOLS & TECHNIQUES: SETTING OUT TOOLS & CHISELS

What to Know About Tools:	
Tools for Marking Out	76
<i>Tools for Marking Out or Testing</i>	79
Starting at the Bottom:	
Marking out	80
Woodwork for the Beginner:	
Materials and Marking Out.....	83
In the Workshop	
Marking Out, No. 1	86
Marking Out, No. 2	90
Workshop Practice:	
Marking Out	91
The Carpenter and Joiner:	
Marking Out	94
A Refresher Course:	
Cutting Lists and Marking Out	96
Preparing Your Own Cutting List:	
How to Read Sizes from a Scale Drawing.....	100
Workshop Practice:	
Templates and Repetition Work	102
For the Beginner:	
Rule and Square.....	105
Squares and Squaring	108
A Simple Centering Square.....	110
The Sliding Square.....	110
Home-made Tools:	
Mitre Marker.....	111
Three Useful Home-made Tools:	
Sliding Bevel.....	112
For the Beginner:	
The Gauge	114

Workshop Hints:	
The Relative Value of Gauges.....	116
Gauges:	
The Various Kinds and	
What You Should Know About Them.....	117
The Butt Gauge	119
The "Awkward Job" Gauge	120
A Home-made Gauge	
Easily Made from Oddments.....	121
Trouble with the Gauge	122
How Your Tools are Made:	
The Chisel.....	123
A Long Line of Ancestry:	
The Chisel.....	124
Chisels	125
Everyday Tools:	
Chisels	127
How Your Tools Work:	
The Chisel.....	129
For the Beginner:	
The Chisel.....	131
Chisels	133
Converting Old Files to Chisels.....	136
Edge Tools:	
Chisels and Gouges	137
Home-made Tools:	
Eleven Handy Tools to Make	139
Testing a Straight-edge	142
On the Relative Uses of the Marking Awl	143

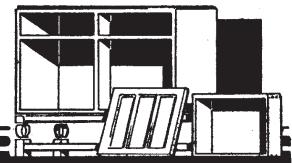
Chart titles are in italic.

WOODWORKER

TOOLS & TECHNIQUES: PLANES

The Story of the Plane.....	146
Carpenter's Tools Of The 17th Century.....	151
For The Beginner:	
The Plane	152
Fundamental Tools For The Furniture Maker:	
Planes.....	155
Getting The Best Out Of Your Tools:	
The Plane	157
What To Know About Tools:	
Planes And Their Use.....	161
How Your Tools Work:	
The Plane	163
The Cutting Action Of The Plane.....	165
Planes And Their Cutters.....	168
Workshop Notes:	
Pitch And Shape Of Plane Blades	170
Iron Planes And Their Work.....	171
Getting The Best Out Of Your Tools:	
The Adjustable Iron Plane.....	172
How The Metal Plane Is Made	175
Improving A Metal Plane	177
Points To Know About The Block Plane.....	177
<i>Wood Planes</i>	179
<i>The Adjustable Metal Plane</i>	180
Home Made Tools:	
The Roughing Plane	181
A French Trying Plane.....	183
Which to Use:	
Rebate Or Shoulder Plane.....	184
Getting The Best Out Of Your Tools:	
Shoulder And Bullnose Planes	185
The Edge Plane	188
Planes For Rebating And Grooving.....	189
What To Know About Tools:	
Rebate Planes.....	191
Getting The Best Out Of Your Tools:	
The Side Rebate Plane.....	193
Home Made Tools:	
The Side Rebate Plane.....	195
Getting The Best Out Of Your Tools:	
The Metal Rebate & Fillister Plane.....	197
Home Made Tools:	
Moulding And Rebate Planes	198
The Use Of Plough Plane.....	202

Chart titles are in italic.



TOOLS & TECHNIQUES: PLANES

<i>A Long Line Of Ancestors:</i>	
<i>The Pleyn</i>	204
Home Made Tools:	
Routers	205
Metal Routers And How They Are Used	208
An Invaluable Tool:	
The Quirk Router	210
First Adventures With The Scraper Plane	211
The Scraper Plane	213
The Compass Plane.....	214
Getting The Best Out Of Your Tools:	
The Compass Plane.....	216
Getting The Best Out Of Your Tools:	
The Stanley Universal Plane.....	218
Getting The Best Out Of Your Tools:	
The Light Combination Plane	221
Reader's Addition to a	
Small Combination Plane.....	224
Getting The Best Out Of Your Tools:	
Moulding Planes.....	225
<i>Using The Moulding Plane</i>	228
Interesting Old Planes	229
Getting The Best Out Of Your Planes	231
Planes Wood Or Metal?.....	234
Workshop Notes:	
About The Planes & Chisels You Buy.....	236
Workshop Hints:	
The Secrets Of The Back Iron	238
Workshop Practice—Edge Tools:	
Planes, Etc.	239
When Your Wood Plane Does Not Work Properly:	
The Plane Doctor.....	241
<i>Faults In Your Plane</i>	244
Repairing A Jack Plane Handle	245
Shodding Your Smoothing Plane.....	245
Do You Have Trouble With the Smoothing Plane?.....	246
<i>How To Do It:</i>	
<i>Remouthing A Plane</i>	247

Chart titles are in italic.

WOODWORKER



TOOLS & TECHNIQUES: SAWS

How Your Tools are Made:	
The Handsaw.....	252
Getting the Best Out of Your Tools:	
The Saw	254
Pit Saws and Pit-Sawing.....	258
The Shape of Saw Teeth.....	259
Testing a Saw with a Needle	259
<i>Saws</i>	260
An Interesting Old Bow-Saw.....	261
Fundamental Tools for the Furniture Maker:	
Saws.....	262
The Saw in History	264
<i>Points to Know about the Handsaw</i>	265
Old Saw-Pit Days.....	266
Tools—The Why and Wherefore:	
Saws.....	268
Protecting Your Saw Blades and Teeth	271
Veneer Saw.....	272
The Nib of a Handsaw	272
For the Beginner:	
Using the Handsaw	273
<i>Using the Handsaw</i>	276
Dealing with Sawing Trestles with Splayed or Bevelled Legs.....	277
In the Workshop:	
How to Control the Saw.....	279
When Cutting Shapes	282
Ripsawing Hint	284
Non-Backbreaking Way to Rip Wood.....	285

Chart titles are in italic.

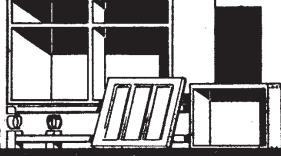


TOOLS & TECHNIQUES: BORING TOOLS

Tools for Boring.....	288
What to Know About Tools:	
Brace & Bits, Part 1.....	291
Brace & Bits, Part 2.....	295
When Your Bits Give Trouble.....	297
Points to Know About Depth Gauges	299
<i>Brace Bits</i>	300
How Your Tools are Made:	
Twist Bit	301
About Twist Bits	303
About Gimlets	305

Chart titles are in italic.

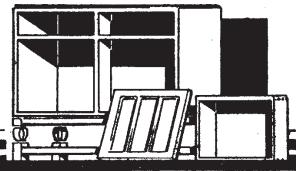
WOODWORKER



TOOLS & TECHNIQUES: CARVING

Practical Wood Carving: Bench, Tools, Etc.....	308
Making Your Own Wood Carving Tools	310
Practical Wood Carving: Handling the Tools.....	312
Practical Wood Carving: Lighting, Cramps, Lettering.....	315
Practical Wood Carving: Router, Scrapers, Stratch-Stock.....	318
Practical Wood Carving: Incised Lettering.....	320, 322
Wood Carving: Incised Lettering.....	324
Wood Carving: An Exercise in Handling Tools	326
Wood Carving: Simple Tool Cuts	330
Wood Carving: Acanthus Leafage.....	333
Wood Carving: Carved Mouldings.....	336, 339, 342
Wood Carving: Lettering.....	344, 347, 350
Wood Carving: The Linenfold Panel.....	351
How to Work the Linenfold Panel.....	354
Wood Carving: The Linenfold Panel.....	356
Wood Carving: Tray with Early Gothic Carving	358
Wood Carving: Renaissance Design for Bellows.....	361
Wood Carving: Wall Bracket	363
How to Carve the Claw and Ball Foot.....	366
Carving the Acanthus Leaf.....	369
Wood Carving: The Acanthus Leaf.....	370
Wood Carving: Chip Carving.....	373

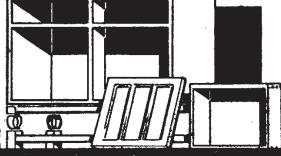
WOODWORKER



TOOLS & TECHNIQUES: **TURNING**

Making the Twist Leg Without a Lathe.....	378
The Double-Bine Twist.....	380
Wood-Turner's Guide	383

WOODWORKER



TOOLS & TECHNIQUES: VENEERING & INLAY

? Veneering ?	390
Veneering.....	393
Veneering:	
Groundwork and its Preparation	395
Veneering:	
The Groundwork	400
Veneering:	
Preparing the Groundwork.....	403
Veneering:	
Preparation of Veneers	405
Practical Veneering:	
The Hammer Method.....	406
Veneering:	
The Hammer	409
Veneering:	
Hammer Veneering	411
Veneering:	
Joints in Hammer Veneering	412
Veneering:	
Hammer Veneering, Jointing, Cross-Banding...	414
<i>How to Do It:</i>	
<i>Jointing in Veneer</i>	416
Levelling Veneer Edges.....	417
Veneering Without Casting.....	417
Veneering: Built-Up Patterns	419
Patterns in Veneers.....	421
Veneer Matching	423
Veneering:	
Crossbanding.....	426
Practical Veneering:	
Cross-Veneering	428
Veneering Problems:	
Crossbanding.....	430
Practical Veneering:	
Cross-Banding.....	432
Inlay Banding.....	434
Veneering:	
Caul Veneering	437
<i>How to Do It:</i>	
<i>Laying a Cross-Banding</i>	438
Joints in Caul Veneering.....	440
Wood Inlaying.....	443
How to Fit Inlay Lines Around a Curve	445
How Long Would it Take You to Inlay This?....	447
Decorative Inlaid Edgings	448
Veneering Problems:	
Modern Shaped Work	449
Practical Veneering:	
Shaped Work	452
<i>Marquetry and Its Story</i>	456

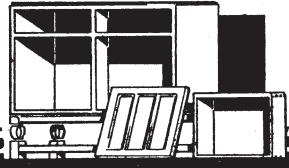
Chart titles are in italic.

WOODWORKER

TOOLS & TECHNIQUES: GENERAL TECHNIQUES

Woodwork for the Beginner	464
The Technique of Woodwork	470
The Way of the Grain	472
Equipping Your Workshop: Lay-Out of the Workshop.....	475
Starting at the Bottom: How to Plane Wood	477
For the Beginner: Using the Plane.....	479
When Planing Thin Wood	482
Handling the Jack Plane	482
The Perfect Surface	483
Heart Side and Face Side	486
Workshop Hints: A Few Practical Suggestions	487
When Your Tool Kit is Incomplete.....	489
If You Have Not All the Tools	491
Useful and Practical Notes	493
Workshop Hints	495
Things They Don't Tell You: Shooting Board Technique	497
Control: Make Both Your Hands Work.....	499
The Art of Jointing.....	501
Metal Working Tools for Woodwork.....	504
Make Your Tools Last Longer.....	506
Oil and Tools.....	508
Temper in Tools.....	509
Using the Right Tools.....	510
Your Tools: Tools for Grooving.....	514
Tricks of the Workshop: Things They Don't Tell You.....	516
Allowing for the Rebate.....	520
Workshop Practise: Useful Hints When Working a Rebate	522
The Awkward Jobs: Working a Stopped Rebate	525
How to Work a Curved Rebate	527
In the Workshop: Drawer Making	528
Four Centuries of Drawer Making	531
Alternative Ways of Making Things: Drawers	533
The Mark of a Well-Made Drawer.....	535
Drawer Making	539
Craft Problems: Should Drawers Project or Should They be Recessed Slightly?.....	544

Chart titles are in italic.



TOOLS & TECHNIQUES: GENERAL TECHNIQUES

Dealing With Drawers.....	545
Drawer Runners	547
Things you Should Know About Drawers	549
<i>Woodworker Information Chart: Drawers</i>	550
Put Your Furniture Into Condition: Repairing Drawers.....	551
Things That Go Wrong: Door Making.....	554
How to Tackle the Job: Fitting a Pair of Doors	556
Door Construction: Lledged and Braced Doors	558
Door Construction: Framed, Lledged and Braced Doors	560
Door Construction: Greenhouse Door	562
Door Construction: Diminished-Stile Door	563
Fitting and Hanging Large Doors	565
Door Construction: Five-Panelled Door	566
Making a Barred Door	569
The Awkward Jobs: Making the Molding for a Barred Door	571
<i>Examples of Mouldings for a Barred Door, and Stages in the Working</i>	572
Making Barred Doors.....	573
The Construction of Barred Doors	577
<i>Woodwork Information Chart: Barred Doors</i>	578
Things They Don't Tell You: Shaped Mouldings for Barred Doors	579
Some Notes on the Fixing of Glass in Doors or Frames	583
Beaded Panels	585
Making a Framed Bow-Front Door	587
The Bow-Front Framed Door	590
In the Workshop: Tambors.....	592
Cleaning up a Shaped Door.....	595
How you can Make Doors Dustproof: Suggestions for Cabinets, Sideboards and Bookcases	596
<i>Fitting a Hinge</i>	599
Fitting Doors	600
Workshop Hints: When Fitting a Door.....	602
<i>Faults in a Door</i>	603
A Refresher Course: Fitting Drawers and Doors	604
<i>Stages in Fitting a Pair of Cupboard Doors</i>	601
The Making of Pigeonholes	605

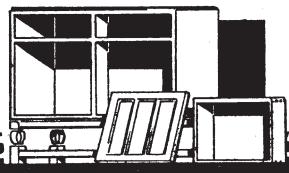
Chart titles are in italic.

WOODWORKER

TOOLS & TECHNIQUES: GENERAL TECHNIQUES

Secret Compartments:	
The Travelling Writing Desk	611
Fixing Tops and Plinths.....	613
Workshop Notes:	
Methods of Fixing Table Tops.....	616
Table Tops:	
Methods of Construction	617
Plinths	619
<i>Alternative Ways of Making Things</i>	620
Variations on a Theme:	
Stand Construction	621
The Chamfer in Carpentry	623
At the Bench:	
Chamfer Stops.....	626
Chamfering	629
Points to Know About:	
Simple Chamfering.....	632
Working a Wide Stopped Chamfer	633
<i>How to do it: Cutting a Stopped Chamfer</i>	635
Chisel Craft	636
Decorative Chisel Cuts	638
<i>How the Patterns are Marked Out and Cut</i>	640
Equipment for Mitreing, etc.	641
Stuck Mouldings and How to Work Them.....	644
Joints You Should Know About:	
How to Work Mouldings by Hand.....	646
How We Used to Do it:	
Working a Pitched and Backed Cornice Moulding.....	650
An Interesting Problem:	
Could You Tackle These Mouldings?.....	652
The Awkward Jobs:	
Working a Moulding Around a Curved Edge ...	654
Working a Moulding Around a Curved Corner	657
Gauging Contours	659
Gauging Set-In Shelves	660
Dealing With Shaped Edges.....	661
<i>How to do it: Cutting Shapes in Thick Wood</i>	662
A Tricky Piece of Work:	
Making a Fielded Panel With Shaped Corners ..	664
<i>Woodworker Instruction Chart No. 8</i>	666
A Question of Compound Shapes	667
Making Tapered Legs	669

Chart titles are in italic.



TOOLS & TECHNIQUES: GENERAL TECHNIQUES

Moulding a Tapered Leg.....	672
Tapered Octagonal Legs	674
<i>How to do it: Making Tapered Legs</i>	675
Tapered Reeds and How to Work Them.....	677
How to Set Out and Make a Cabriole Leg	679
Cabriole Legs.....	682
The Cabriole Leg	684
An Interesting Joint	687
For a Table with Skew Legs:	
Corner Joint.....	688
Things They Don't Tell You:	
Jointing Rails to Rounded Legs	690
The Art of Jointing.....	692
In the Workshop:	
Assembling Woodwork Dry	693
Workshop Practice:	
Assembling	695
Assembling Your Woodwork	699
Workshop Practice:Cleaning Up	704
Cleaning Up Joints	707
In the Workshop:	
Cleaning Up Woodwork.....	708
A Refresher Course:	
Cleaning Up	711
Jointed Boards—Why You Should Always Study the Grain	713
A Refresher Course:	
Fitting Joints and Glueing Up	714
The Technique of Glueing	717
German Cabinet Making:	
Interesting and Distinctive Characteristics	718
A Refresher Course:	
Gluing Up	719
Putting Your Furniture Into Condition:	
Carcase Repairs	722
Your Tools:	
Cramping Up	724
When You Haven't the Cramps	727
The Weakest Link.....	730
The Glue Block.....	732
The Corner Block	734
Chairmaking:	
Timber and Marking Out	734
Chairmaking:	
Pitching, Re-Cutting and Jointing.....	737

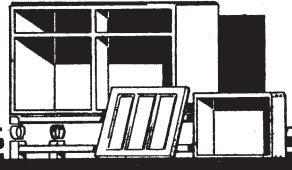
Chart titles are in italic.

WOODWORKER

TOOLS & TECHNIQUES: GENERAL TECHNIQUES

Chairmaking:	
Fitting and Assembling.....	739
The Woodworkers Notebook.....	741
Putting Ideas Down on Paper:	
Making a Working Drawing	743
When You Take a Template.....	746
"How I Do it"	749
Workshop Practice:	
Design for the Craftsman	750
A Refresher Course:	
Preliminary Planning Out	753
Drawing and Quick Perspective	
Sketching for Woodworkers.....	757
Drawing and Quick Perspective	
Sketching for Woodworkers, Part 2	760
Drawing and Quick Perspective	
Sketching for Woodworkers, Part 3:	
Doors, Chairs, Shaped Work, etc.	764
Adapting a Drawing-Board for	
Perspective Drawing	766
Putting Ideas Down on Paper:	
Furniture and Detail Sizes	769
Setting Out a Full Size Drawing.....	771
Technical Drawing	
(The Qualified Woodworker).....	772
<i>Technical Drawing—Setting Out a Bookcase.....</i>	773
Accommodation and Proportion	775
Craft Problems:	
The Method of Spacing.....	776
Craft Problems:	
Are Our Woodwork Joints Well Designed?	777
Nails and Their Uses:	
French Nails, Cut Nails, Oval Brads, Pins.....	779
Things You Should Know About:	
Nails and Nailing	780
Nails—Which Kind to Use For the Job	783
<i>Details of Nails in General Use in Woodwork</i>	785
Pulling Out Nails	786
An Ancient Craft:	
Nail Making	788
The Shangie	791
Fitting a Handle to a Socket Chisel	791
Renovating Old Files	792
Square Turnings, Working Them by Hand	793
Wood Bending by Kerfing.....	795
Forest Products Research Laboratory:	
New Method of Bending Wood While Cold....	797
Draw-Boring.....	799
Making and Fitting a Window Sash.....	800
When a Plane Cutter Loses its Edge Rapidly....	801
Two Hammer Hints	802

Chart titles are in italic.



TOOLS & TECHNIQUES: GENERAL TECHNIQUES

Useful Workshop Notes:	
Things That Go Wrong,	
Door Hingeing Troubles.....	803
Things They Don't Tell You:	
Fixing Parliament Hinges.....	805
How Your Tools Work:	
The Axe.....	808
Finishing Your Woodwork:	
Burnished Oak	809
The Use of Leaded Lights	810

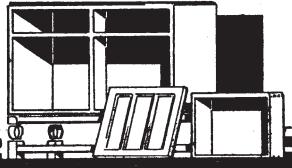
Chart titles are in italic.

WOODWORKER

TOOLS & TECHNIQUES: MISCELLANEOUS TOOLS & TECHNIQUES

Tools of Over 2,000 Years Ago	816
<i>Tools Ancient and Modern</i>	818
The Tools You Use:	
On the Economic Purchase of Kit	
Apart From Saws, Chisels & Planes.....	819
What to Know About Tools:	
Choosing the Tool Kit	820
The First Kit of Tools:	
What the Beginner Needs to Start Woodwork ..	825
Equipping Your Workshop:	
The Beginner's Kit of Tools.....	828
Collecting a Kit of Tools.....	832
Odd Tools in a Kit.....	833
Everyday Tools:	
The Hammer	833
Tools—The Why and Wherefore:	
Hammers and Mallets	836
German Type Mallet	838
Dozens of Hammers	839
<i>Hammers, Mallets, Etc.</i>	841
Hammers and Hammering	842
All Sorts of Knives.....	843
The Adze and the Axe.....	846
The Axe.....	847
Tools of Percussion with Cutting Edges:	
Different Types of Axes.....	848
A Useful Tool to the Man Who Does Large Work:	
The Draw Knife.....	849
Getting the Best Out of It:	
The Scraper	851
The Scraper—How It Is Used.....	854
About Spokeshaves	855
<i>Spokeshaves</i>	856
A Joy to Use:	
The Chair-Maker's Scraper Spokeshave	857
Chamfering Spokeshave	859
The Scratch Stock	860
An Invaluable Yet Simple Tool You Can Make Yourself:	
The Scratch Stock	862
Craftsmanship of Yesterday	
Easily Adjusted Scratch.....	866
Invaluable for the Stopped Groove:	
The Scratch Plough.....	866
Points to Know About the Screwdriver.....	
Fundamental Tools for the Furniture Maker:	
Chisels and Screwdrivers, Etc.	869
Is it Worth While?:	
The Spiral Ratchet Screwdriver.....	871
Tools, Tangs and Handles	873
Rasps and Files	874

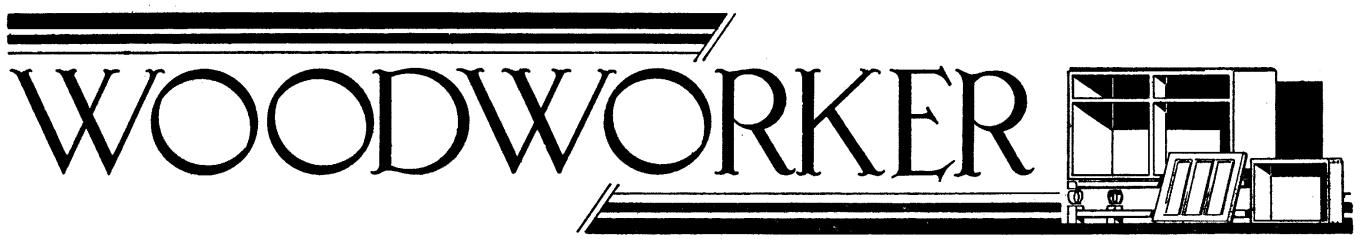
Chart titles are in italic.



TOOLS & TECHNIQUES: **MISCELLANEOUS TOOLS & TECHNIQUES**

The Abrasive Tools.....	875
Points About Files.....	876
Troubles That Occur:	
The Screw Box	876
Screw Box and Tap for Wood Screws	878
Do You Understand Their Use?:	
Handscrews	880
<i>Cramps</i>	882
Some of the Less Common Tools	883
Interesting Collection of Old Tools	885
New Tools From Old.....	887

Chart titles are in italic.



JOINERY: PANEL JOINTS

Making Wood Wider:	
The Rubbed Joint.....	890
Making Wood Wider:	
Cramped Joints and Thin Wood.....	893
In the Workshop:	
Glued Joints.....	895
Edge Jointing.....	898
Edge Jointing (Continued)	901
Making up to Width:	
Ways of Strengthening the Rubbed Joints	903
About Panels and Their Grooves.....	906
<i>Fundamental Joints: Rubbed Joints.....</i>	<i>907</i>

Chart titles are in italic.

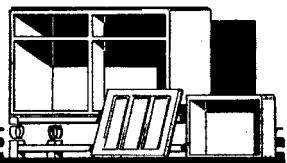
WOODWORKER

JOINERY: FRAME JOINTS

Woodwork Joints:	
Mortise and Tenon Joints	910
Some Hints for Those Who May Not Yet Know:	
Simple Mortised & Tenoned Frames	912
Points to Note When Cutting a Mortise and Tenon.....	913
Elementary Workshop Practice: About Mortise and Tenon Joints.....	914
<i>Fundamental Joints in Woodwork:</i>	
<i>Mortise and Tenon Joint</i>	916
<i>Fundamental Joints in Woodwork:</i>	
<i>Mortise and Tenon with Long and Short Shoulders</i>	917
<i>Fundamental Joints in Woodwork:</i>	
<i>Types of Mortise & Tenon Joints</i>	918
<i>Fundamental Joints in Woodwork</i>	
<i>Types of Mortise & Tenon Joints</i>	919
A Woodworker Supplement:	
Blind Mortise and Tenon.....	920
A Woodworker Supplement:	
Mortise and Tenon	
Long and Short Shoulder.....	921
Joints in Everyday Use:	
Mortise and Tenon for Rebated Framework	923
<i>Fundamental Joints in Woodwork:</i>	
<i>Mortise and Tenon Joint for Moulded and Rebated Framework</i>	925
Those Wretched Tenons!.....	926
<i>Mortise and Tenon Joint for Moulded and Rebated Framework</i>	928

Things that Go Wrong:	
Faults in Mortises & Tennons	930
When Framing-Up Gives Trouble.....	933
What Happens Inside a Mortise and Tenon Joint?	934
How To Cut Wide Tenons.....	935
<i>When Cutting a Tenon Hold Saw On Waste Side</i>	936
Wedging Mortise and Tenon Joints	937
Why The Haunch?.....	939
The Haunch: Should it be Slope or Square?	940
A Challenge:	
Chopping a Mortise.....	943
<i>Chopping a Mortise</i>	944
Chopping a Mortise.....	946
Things They Don't Tell you:	
The Mitred Shoulder Mortise and Tenon	947
Mitres	950
Things You Should Know About Mitres.....	953
The Mitre: How it Came to Be Used	955
The Relative Advantages of Two Interesting Joints Considered:	
The Mitre and the Scribe	956
The Combined Mitre and Scribe	958
The Combined Mitre and Scribe	960
Hints on Mitreing.....	961
Notes on Mitreing	964
Some Special Forms of Mitres	966

Chart titles are in italic.



JOINERY: FRAME JOINTS

Problems in Craftsmanship:	
Strengthening the Mitre Joint.....	969
In the Workshop:	
Door Making.....	971
Door Making Joints:	
Which Joint Shall I Use?.....	974
Joinery:	
Framed, Ledged and Braced Doors	977
The Ledged and Braced Door.....	979
Making a Door With a Rebated-In Panel.....	981
Joints You Should Know About:	
Making a Barred Door	983
Joints You Should Know About:	
Loose Tongue Joints	987
Grooving:	
Working Through Grooves.....	991
Grooving:	
Stopped Grooves.....	993
How to Work a Rebate:	
Through: Stopped; Sloping:	
With and Across the Grain	996
<i>The Bead Flush Panel</i>	999
Intersection Joints for Sash Bars.....	1002
Joints in Everyday Use:	
The Halved Joint.....	1004
Fundamental Joints in Woodwork:	
<i>The Halved Joint</i>	1005
A Woodworker Supplement:	
The Halving Joint	1008

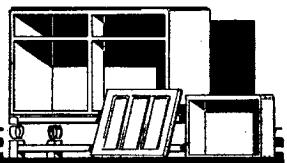
Woodworker Joints:	
Halving Joint	1011
Strengthened Halved Joint.....	1011
<i>The Casement Window Joint</i>	1013
<i>The Casement Window Joint</i>	1014
Joinery:	
Casement Windows.....	1015
Fundamental Joints in Woodwork:	
<i>Bridle Joint</i>	1018
Do You Use the Bridle Joint?	1019
How to Cut the Mitred Clamp.....	1020
<i>Stages In Cutting the Mitred Clamp</i>	1021
How to Work the Joints:	
Clamped Tops	1022
Some Interesting Lesser Used Joints	1024
The One-Third Lap Joint	1026

WOODWORKER

JOINERY: DOVETAIL AND CARCASS

Woodwork Joints:	
Dovetails.....	1030
<i>Fundamental Joints in Woodwork:</i>	
Common Dovetail Joint	1032
The Finer Points of Dovetailing.....	1033
Useful Hints on Dovetailing	1036
How to Cut Clean Dovetails	1038
A Woodworker Supplement:	
Cutting the Through-Dovetail.....	1040
<i>A Dovetail Should Fit Straight From the Saw</i>	1042
Novel Method of Dovetailing:	
Sawing Dovetails and Pins in One Operation .	1043
A Letter From a Reader:	
Cutting Dovetails	1045
Dovetails - A Jig for Cutting Them.....	1046
Dovetailing.....	1046
How to Make Your Dovetails Fit.....	1048
The Over-Tight Joint:	
Dovetails.....	1050
Does This Happen	
When You Chop Dovetails?.....	1052
<i>Fundamental Joints in Woodwork:</i>	
<i>Applications of the Dovetail</i>	1053
Joints in Everyday Use:	
Carcase Dovetail Joint	1054
Taking Up Woodwork:	
Dovetail Joint, Example: Tea Tray	1056
Tricky Joints to Cut:	
The Tripod Table Dovetail Joint	1058
<i>A Tapered Dovetail Helps</i>	
<i>In Making a Tight Fit</i>	1059
The Mitre Dovetail	1060
How to Cut the Mitre Dovetail.....	1063
A Woodworker Supplement:	
Secret Mitre Dovetail.....	1066
A Woodworker Supplement:	
Lapped Dovetail Joint.....	1067
<i>Fundamental Joints in Woodwork:</i>	
<i>Lapped Dovetail Joint</i>	1068
How to Cut the Lapped Dovetail	1069
Woodwork Joints:	
Lap Dovetails.....	1072
The Lap and Double-Lap Dovetail.....	1074
The Double-Lap Dovetail	1077
Workshop Notes:	
Double-Lapped Dovetails.....	1080
Woodwork Joints:	
Double-Lap and Secret Mitre Dovetail.....	1081
Dovetailed Housings	1085
The Dovetailed Housing Joint	1087
A Woodwork Supplement:	
The Stopped Housing Joint.....	1089
A Woodworker Supplement:	
Bare-Faced Dovetail Housing.....	1090
Taking Up Woodwork:	
The Housed Joint - A Set of Bookshelves.....	1091
How to Cut Bevel Dovetails	1094
<i>How To Do It: The Housed Dovetail Joint</i>	1095
The Decorative Dovetail	1098
Special Dovetails.....	1100
<i>Decorative Joints</i>	1101
The Double-Dovetail Halving	1102

Chart titles are in italic.

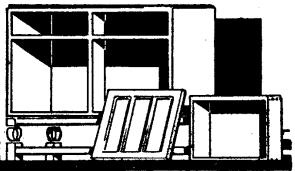


JOINERY: DOVETAIL AND CARCASS

Results of Experiments at The Forest Products Research Laboratory:	
Tests on the Strength of Dovetails	1104
The Awkward Jobs:	
Carcase Corner Joint	1107
Alternative Ways of Making Things:	
Corner Joints	1109
Corner Leg and Rail Joints	1111
Variation of the Mitre Dovetail:	
The Bureau Joint.....	1112
Joints You Should Know About:	
The Sideboard End Joint.....	1115
An Awkward Joint	1118
<i>Ways of Joining a Flush Top To The Ends</i>	1119

Chart titles are in italic.

WOODWORKER

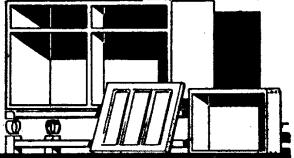


JOINERY: MISCELLANEOUS JOINTS

Joints You Should Know About.....	1124
How to Cut:	
The Knuckle Joint.....	1127
Workshop Practice:	
The Rule Joint.....	1130
<i>Woodwork Information Chart –</i>	
<i>Rule Joint</i>	1133
The Rule Joint.....	1134
Joints You Should Know About:	
The Rule Joint.....	1134
Spliced Joints:	
How Three, Four, and More	
Point Slices are Cut.....	1137
Craft Problems:	
The Third-Lap Joint.....	1140
Craft Problems:	
Unusual Joints: When the Face	
Sides are Not in the Same Plane	1141
The Scarf Joint:	
Some Interesting Varieties	1142
<i>Methods of Supporting Shelves</i>	1144
Some Notes About Stretchers	1045
<i>Some of the Joints Used in</i>	
<i>Various Stretchers</i>	1147
Draw-Boring.....	1048
The A-Z of Joinery:	
Timber Terms.....	1048
The Coopered Joint.....	1150
How to Cut the:	
Scribed Joint	1152
Three-Way or Showcase Joint.....	1154

Chart titles are in italic.

WOODWORKER



WORKSHOP: WORKBENCHES & WORKHOLDING

The Bench.....	1170
Light Bench for Home Use.....	1173
A Sturdy Workshop Bench	1175
Your Bench	1177
The Ideal Bench	1179
Cabinet Workbench for Kitchen or Workshop	1181
The Workshop Bench	1185
German Type Work Bench.....	1187
Things That Go Wrong: Your Bench	1190
The Bench and Its Equipment	1193
The Bench and Its Equipment (continued)	1197
The Problem of the Loose Bench Stop	1200
Your Bench Vice	1200
Easily Made Bench Vice	1202
Simple Bench Holdfast	1203
Workshop Notes: Gripping the Wood	1203
How to Hold Down Wood Whilst Working It	1205
Fixing Work to the Bench.....	1207

Chart titles are in italic.

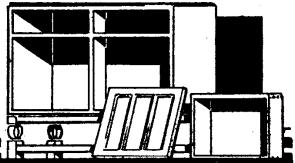
WOODWORKER

WORKSHOP: TOOL CHESTS & STORAGE

Your Complete Tool Chest With Sliding Saw Till and Three Drawers	1210
Cabinet Maker's Tool Chest	1211
<i>Cabinet Maker's Tool Chest – Early 19th Century</i>	1213
Capacious Tool Chest.....	1214
An Old Design Which Has Proved Its Soundness: Making Your Own Tool Chest.....	1215
Making a Dovetailed Tool Chest.....	1217
A Stool Tool Container.....	1220
Portable Tool Case.....	1222
The Question Box: A Tool-Carrying Case.....	1223
Fitting Up the Workshop: The Tool Cabinet.....	1224
The Ideal Tool Cabinet	1226
Nest of Tool Boxes.....	1230
Ideal for the Home Workshop: Cabinet Bench and Tool Cupboard.....	1231
Made With Royal Hardboard and Pegboard: Workshop Tool Cupboard	1234
For the Man Who Has to Work on the Kitchen Table: Bench Top and Tool Cabinet.....	1238
The Workshop of 1965: Housing the Tools	1242

Chart titles are in italic.

WOODWORKER



WORKSHOP: APPLIANCES

Useful Home-Made Accessory:
Bench Hook with Mitre Block and Vice..... 1248

What to Know About Tools:
Appliances Used with Planes 1249

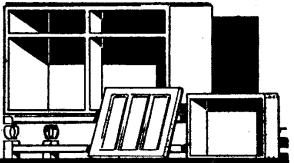
Points to Know About:
Shooting Boards 1251
Stop Gauge for Shooting Board..... 1253
New Form of Shooting Board..... 1254
Useful Form of Shooting Board..... 1256
An Improved Shooting Board..... 1257
Adjustable Shooting Board 1259
Mitre Shooting Board..... 1259

Home Made Tools:
The Mitre Shooting Block 1261
Useful Adjustable Mitre Template 1263
Combined Mitre Block and Clamp 1263
A Page of Oddments..... 1264
Universal Mitre Block..... 1265
Useful Device for Rebating and Grooving..... 1268

The Workshop of 1965:
Apparatus and Appliances 1269

Ideas Contributed by a Reader:
Jigs and Gadgets 1272

WOODWORKER

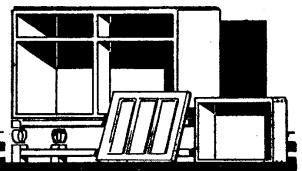


FURNITURE & DETAILS: STYLES

Chippendale's 'Gentleman and Cabinet-maker's Director':	
The First Book on Cabinetwork.....	1278
English Period Furniture	1279
The Foundations of Style:	
The Renaissance of the Late 16th Century	1280
The Foundations of Style:	
The Mid 17th Century.....	1282
The Foundations of Style:	
The Early Mid 18th Century	1284
The Foundations of Style:	
The Present Day.....	1286
The Qualified Woodworker:	
The Styles of Furniture	1288
<i>Tables</i>	1292
<i>Chests</i>	1293
<i>Desks & Bureaux</i>	1294
<i>The Sideboard</i>	1295
<i>Chairs</i>	1296
<i>Bedsteads</i>	1297
<i>Bookcases and China Cabinets</i>	1298
<i>The Origin and Adaptation of Mouldings</i>	1299
Features in Furniture:	
Mouldings in Woodwork.....	1300
<i>Mouldings of the Chippendale Period</i>	1303
<i>Mouldings of the Sheraton Period</i>	1304
<i>Mouldings of the Hepplewhite Period</i>	1305
An Analysis of Chairs	1306
Their Variety and Construction:	
Furniture Doors.....	1314
Features in Furniture:	
The Panel	1324
Features in Furniture,	
Carvings, Turnings, Frets, Inlays.....	1326
Boxes Through the Ages	1329
<i>Mahogany Writing Table of the Chippendale Period</i>	1331
Interesting New Exhibits at South Kensington:	
Furniture of a Leisured Age	1332
Furniture of a Leisured Age	1333

Chart titles are in italic.

WOODWORKER



FURNITURE & DETAILS: PROJECTS & DRAWINGS

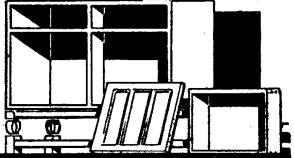
The Restoration of an Old Favorite:

The Tripod Table	1336
Mahogany Tripod Table with Piecrust Edging	1338
An Old Design Still Popular:	
Jacobean Extending Trestle Table.....	1339
<i>Dutch Extension Dining Table</i>	1342
Make This Delightful Gate-Leg Table	1343
<i>French Table</i>	1346
<i>Oak Gate-Leg Table of the Mid-17th Century</i>	1347
<i>Gate-Leg Table</i>	1348
<i>Mahogany Pembroke Table</i>	1349
<i>Writing Table of Adam Period</i>	1350
<i>Mahogany Breakfast Table</i>	1351
<i>Small Occasional Table</i>	1352
<i>Card Table</i>	1353
<i>Card Table</i>	1354
Sheraton Serpentine-Front Sideboard	1355
Bow-Front Mahogany Sideboard.....	1356
<i>Mahogany Bow-Front Sideboard</i>	1357
<i>Oak Stool</i>	1359
<i>Walnut Stool of the Queen Anne Period</i>	1360
The Court Cupboard.....	1361
Mahogany Corner Cupboard	1364
<i>Jacobean Cupboard</i>	1366
<i>Veneered Walnut Clockcase</i>	1367
Specially Adapted to Suit Modern Needs:	
A Dignified 18th Century Bookcase.....	1368

Mahogany Bureau Bookcase.....	1370
<i>Bureau Bookcase Dating from About 1750</i>	1372
<i>Bureau Bookcase of the Chippendale Period</i>	1373
<i>Bookcase of the Chippendale Period</i>	1374
<i>Welsh Dresser in Oak</i>	1375
<i>Mahogany Bookshelves</i>	1376
<i>Oak Chest</i>	1377
<i>Mahogany Chest of Drawers</i>	1378
<i>Oak Chest</i>	1379
<i>Walnut Chair of the Queen Anne Period</i>	1380
Queen Anne Chair Construction	1381
<i>Walnut Chair</i>	1383
<i>Child's High Chair</i>	1384
<i>Oak Chair</i>	1385
Mahogany Chair	1386
Carved and Gilt Mirror	1387
<i>Early 18th Century Mirror</i>	1389
<i>Mahogany Wall Mirror</i>	1390
Attractive Gifts for Christmas:	
Trays with Pie-Crust Edgings	1391
<i>Grandfather Clock</i>	1395
<i>Woodwork of the 1st Half of the 17th Century</i>	1396
Types of Cabinet Backs.....	1397
Some Alternative Methods Considered:	
Sliding Doors.....	1400
Work of British Craftsman Edward Barnsley ..	1403

Chart titles are in italic.

WOODWORKER

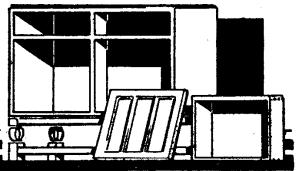


FURNITURE & DETAILS: MISCELLANEOUS DETAILS

The Antique Finish:	
Preparation of Metal Fittings.....	1408
The Qualified Woodworker:	
Metal Fittings in Cabinet Work.....	1410
When Ordering Your Metalwork	1413
Points to Know About Hinges.....	1415
Hinges and How They Work.....	1417
How Door Hinges are Made	1420
<i>Hinges and How They Work.....</i>	1421
Hints on Hinges	1423
Metal Fittings:	
The Invisible Hinge	1425
<i>How To Do It: Fitting a Hinge.....</i>	1426
How to Fit Card Table Hinges	1428
The Use of Centre Hinges.....	1429
When You Hinge a Door.....	1431
Hingeing a Box Lid	1432
How to Fit a Mortise Lock	1434
<i>How To Do It: Fitting a Lock.....</i>	1436
Fitting a Ball Catch	1437
<i>Catches, Etc. Used in Furniture Making</i>	1438
Fitting a Ball Catch	1439

Chart titles are in italic.

WOODWORKER



ODDS & SODS

<i>Map Showing How the World's Timbers are Distributed.....</i>	1444
Chips from the Chisel: A Matter of Proportion.....	1446
The Old School: One of the 'Old Hands' Looks Back Over 40 Years.....	1448
The 'Good Old Days'.....	1450
Chips from the Chisel: The Measure of a Man.....	1452
Chips from the Chisel: It's Worth It	1453
Timber and Its Figure.....	1454
How Figure is Formed.....	1456
Chips from the Chisel: Clearing out the Junk	1457
Chips from the Chisel: Trees Falling	1457
Chips from the Chisel: The Living Tool	1458
Chips from the Chisel: Where is To-Morrow?.....	1459
Chips from the Chisel: The Test of Time.....	1460
Chips from the Chisel: Renewal	1460

Chips from the Chisel: Accent on Colour.....	1463
Chips from the Chisel: The New Pioneers	1464
Chips from the Chisel: Junk - and the Remedy	1465
Chips from the Chisel: The Gift of Living.....	1466
The Windsor Chair Maker	1468
Chips from the Chisel: Mind and Matter.....	1470
The Wheelwright	1472
The Old Timers	1474
Joiner's Shop of the Early Seventeenth-Century	1476
'Chair Bodging'	1477
Craftsmen I have Known.....	1480
More of Them.....	1483
Chips from the Chisel: The Full Price	1487
The Coffin Maker	1488

Chart titles are in italic.