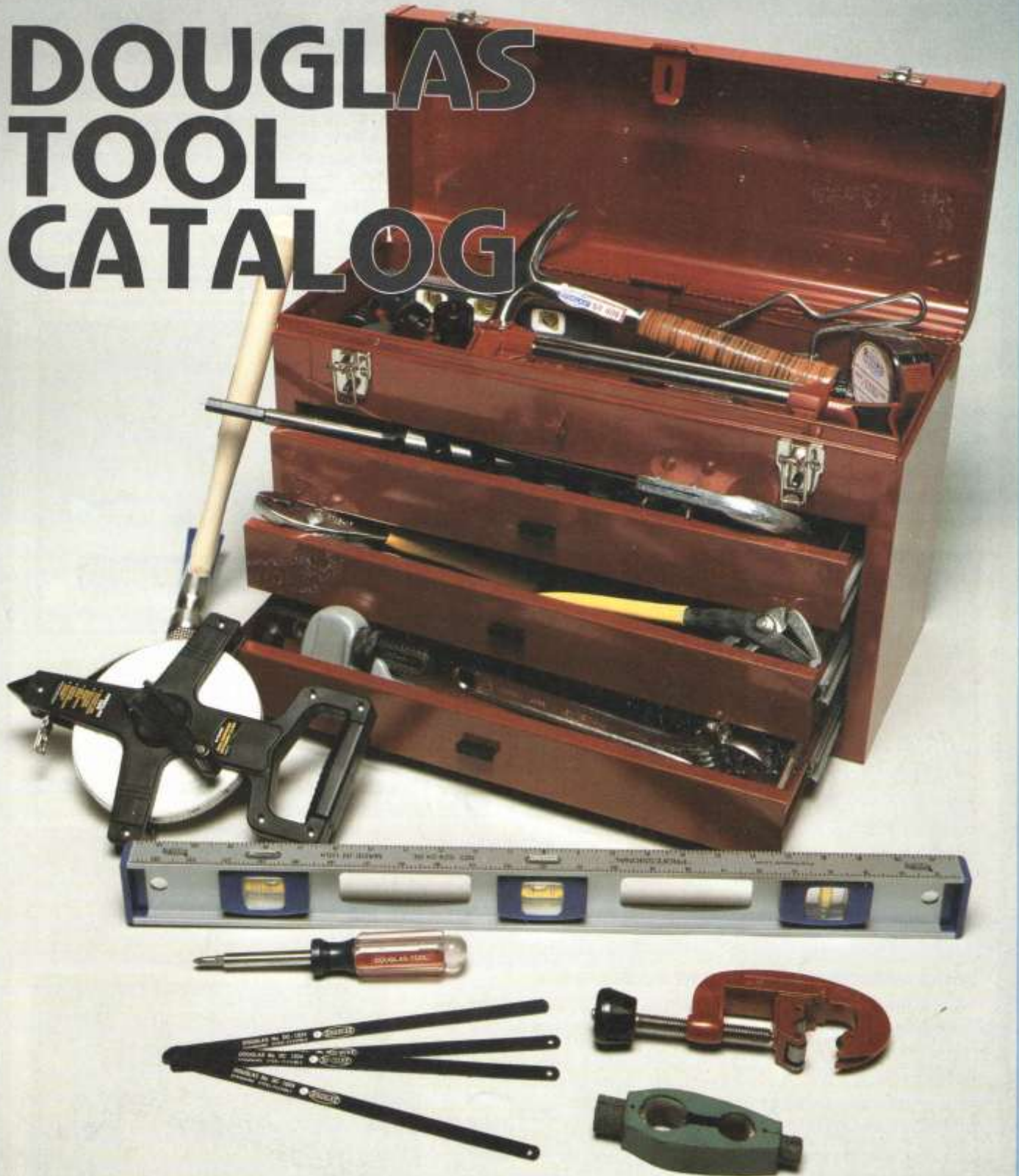


DOUGLAS TOOL CATALOG



QUALITY TOOLS FOR THE PROFESSIONAL

DOUGLAS TOOL DIVISION,
RADIATOR SPECIALTY COMPANY
CHARLOTTE, N.C. 28234-6080



WRENCHES



AW-24

DOUGLAS ALUMINUM PIPE WRENCHES

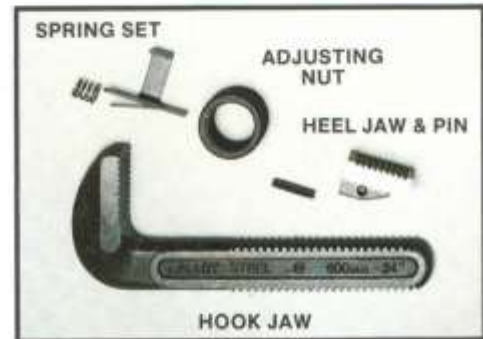
Superior durability, with the advantage of lightness. Monoblock handle of light aluminum. Lower jaw (Heel Jaw) forged and tempered steel. Upper jaw (Hook Jaw) forged and dual heat treated. Knurled and tempered adjusting nut.

Part No.	Description	Jaw Capacity	Case Pack
AW-14	14" Aluminum Pipe Wrench	2"	6
AW-18	18" Aluminum Pipe Wrench	2-1/2"	6
AW-24	24" Aluminum Pipe Wrench	3"	1
AW-36	36" Aluminum Pipe Wrench	5"	1
AW-48	48" Aluminum Pipe Wrench	6"	1

REPLACEMENT PARTS FOR DOUGLAS ALUMINUM PIPE WRENCHES

Wrench No.	Hook Jaw	Adjusting Nut	Spring Set	Heel Jaw & Pin
AW-14	AW-1402	AW-1404	AW-1413	AW-1415
AW-18	AW-1802	AW-1804	AW-1813	AW-1815
AW-24	AW-2402	AW-2404	AW-2413	AW-2415
AW-36	AW-3602	AW-3604	AW-3613	AW-3615
AW-48	AW-4802	AW-4804	AW-4813	AW-4815

All parts are packed in units of one.



84-12V

DOUGLAS ADJUSTABLE WRENCHES

These wrenches are drop forged and heat treated for toughness and durability, then machined to close tolerances and bright chrome plated.

Part No.	Description	Case Pack
81-6V	6" Adjustable Wrench, carded	6
82-8V	8" Adjustable Wrench, carded	6
83-10V	10" Adjustable Wrench, carded	6
84-12V	12" Adjustable Wrench, carded	6
81-6B	6" Adjustable Wrench, bulk pack	12
82-8B	8" Adjustable Wrench, bulk pack	12
83-10B	10" Adjustable Wrench, bulk pack	12
84-12B	12" Adjustable Wrench, bulk pack	12

DOUGLAS PATENTED "NO-HUB" TORQUE WRENCH

The "No-Hub" wrench measures torque when it is turned in the clockwise (right hand) direction and ratchets when turned counter-clockwise. When the band screw is correctly tightened, the wrench releases so that the handle can continue turning but the drive socket can not. This action feels like a sharp click. Additional turning results only in additional clicking—but no additional tightening.

The proper way to test a "No-Hub" joint is by the pressure test. It has been determined that 48 inch pounds is the minimum torque for an adequate joint. The "No-Hub" wrench tightens to 60 inch pounds so as to assure a proper installation.

Part No.	Description	Case Pack
60	No-Hub Wrench, carded	1
60V	No-Hub Wrench, carded	6
60B	No-Hub Wrench, Boxed Individually	24



60B

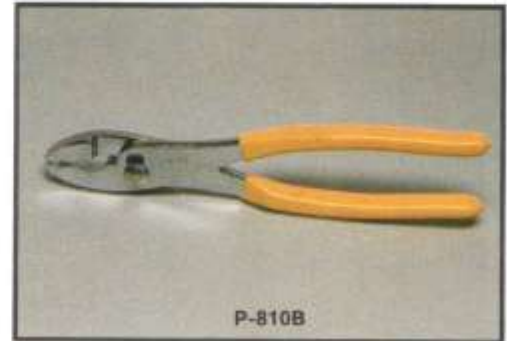
PLIERS



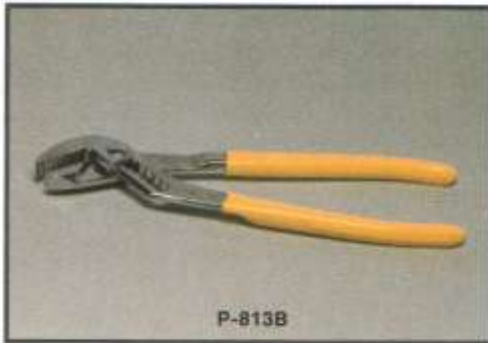
DOUGLAS STRAIGHT PLIERS

Slip-Joint Pliers with deep, sharp-cut teeth for greater grip and longer wear. Hardened alloy steel bolt and shear wire cutter. Satin nickel chrome plate finish. Yellow plastic grips.

Part No.	Description	Case Pack
P-808V	8" Slip-Joint Plier, bagged	6
P-808B	8" Slip-Joint Plier, bulk pack	25
P-810V	10" Slip-Joint Plier, bagged	6
P-810B	10" Slip-Joint Plier, bulk pack	25



P-810B



P-813B

DOUGLAS ANGLE NOSE PLIERS

Slip Joint Angle Plier with deep, self-gripping, pipe-wrench style teeth. Satin nickel-chrome plate finish. Yellow plastic grips. Maximum jaw opening 2-1/8 inches.

Part No.	Description	Case Pack
P-813V	10" Angle Nose, Slip Joint w/teeth, carded	6
P-813B	10" Angle Nose, Slip Joint, w/teeth, bulk pack	50

DOUGLAS ANGLE NOSE HEAVY-DUTY PIPEWRENCH PLIER

Angle Plier with machined tongue and groove adjustment. Satin chrome finish with yellow plastic grips.

Part No.	Description	Case Pack
P-816V	10", Max Jaw Opening 2-1/8", carded	6
P-816B	10", Max Jaw Opening 2-1/8", bulk pack	40
P-820V	13", Max Jaw Opening 2-5/8", carded	6
P-820B	13", Max Jaw Opening 2-5/8", bulk pack	25



P-820B

SCREWDRIVERS



SD-41V



SD-41D

DOUGLAS 4-IN-1 SCREWDRIVER

Two reversible bits, Phillips and Slotted. No. 1-3/16" slotted; No. 2-1/4" slotted. To change bits, simply pull bit straight out, reverse and replace, or grab shaft, pull straight out, reverse and replace shaft in handle.

Part No.	Description	Case Pack
SD-41V	4 in 1 screwdriver, carded	10
SD-41D	4 in 1 screwdriver, display	12
SD-41B	4 in 1 screwdriver, bulk pack	25
SD-SB1	No. 1-3/16" Slotted Bit	12
SD-SB2	No. 2-1/4" Slotted Bit	12



TUBING CUTTERS



MINI TUBING CUTTER

Safely and cleanly cuts brass, copper and aluminum tubing from 1/8 inch to 7/8 inch. Grooved rollers for close-to-flare cuts. Large, knurled feed screw knob.

Part No.	Description	Case Pack
TC-78	Mini Tubing Cutter	6
TC-5805	Cutter Wheel	1
TC-5806	Cutter Wheel Pin	1
TC-5807	Roller	1
TC-5808	Roller Pin	1

TELESCOPIC TUBING CUTTER

Cuts copper, brass, aluminum tubing and thin-walled conduit from 1/8 inch to 1-1/4 inches. Aluminum alloy body. Fold-away reamer. Spare cutter wheel in knob.

Part No.	Description	Case Pack
TC-114	Telescopic Tubing Cutter	6
TC-5805	Cutter Wheel	1
TC-11406	Cutter Wheel Pin	1
TC-11807	Roller	1
TC-11408	Roller Pin	1



AUTOMATIC TUBING CUTTER

Cuts copper, brass and aluminum tubing and thin walled conduit from 1/4 inch to 2-5/8 inches. Replace cutter wheel to cut plastic pipe. Spring loaded cutter wheel feeding system allows slide action adjustment and quick release. Fold-away reamer.



Part No.	Description	Case Pack
TC-258	Auto. Tubing Cutter	1
TC-25805	Cutter Wheel (copper)	1
TC-25805A	Cutter Wheel (plastic)	1
TC-5806	Cutter Wheel Pin	1
TC-25807	Roller (large)	1
TC-25807A	Roller (small)	1
TC-25808	Roller Pin	1

TUBING CUTTERS



STANDARD TUBING CUTTERS

For copper, brass, aluminum tubing and thin walled conduit from 1/8 inch to 1-1/8 inches. Aluminum alloy body with fold-away reamer. Spare cutter wheel in knob.



TC-118

Part No.	Description	Case Pack
TC-118	Std. Tubing Cutter	6
TC-5805	Cutter Wheel	1
TC-11806	Cutter Wheel Pin	1
TC-11807	Roller	1
TC-11808	Roller Pin	1



TC-200

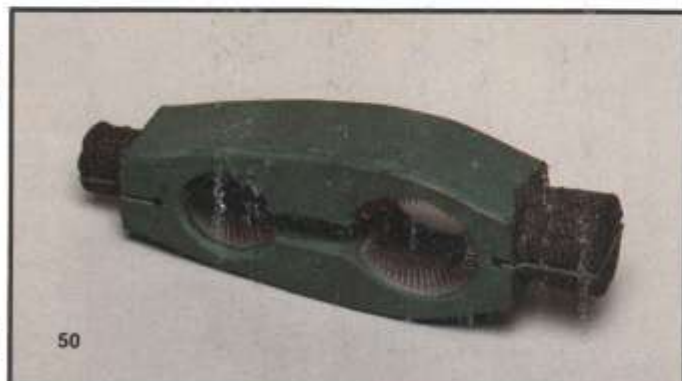
Use one cutting wheel for copper, brass, cutting aluminum tubing and thin walled conduit. Switch wheels to cut plastic pipe. Handles tubing from 1/2 inch to 2 inches. Aluminum alloy body. One cutter wheel stores in knob.

Part No.	Description	Case Pack
TC-200	Std. Tubing Cutter	1
TC-25805	Cutter Wheel (metal)	1
TC-25805A	Cutter Wheel (plastic)	1
TC-5806	Cutter Wheel Pin	1
TC-25807A	Roller (small)	1
TC-25808	Roller Pin	1

CLEANING TOOLS

DOUGLAS 4-IN-1 COPPER CLEANING TOOL

Abrasive ends and wire brush insert cleans inside and outside of 1/2 inch and 3/4 inch copper tubing and fittings.



50

Part No.	Description	Case Pack
50	4-in-1 Cleaner	10



SHIP AUGERS

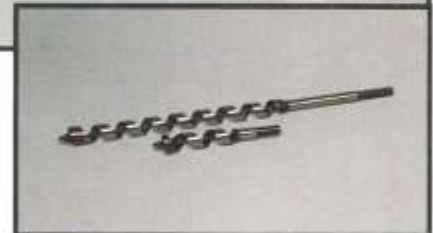
SHIP AUGERS

One-piece forged bits made of finest quality high-carbon steel, carefully machined for fast, smooth cutting. Bits have single cutter and side lip with medium feed screw. Part No. 7 and 8 have 5/16" hex shanks. Larger sizes have 7/16" hex shanks for 3-jaw chuck in 1/2" electric drill. All sizes packed in reclosable plastic bags.

Part No.	Description	Size	Case Pack
7	18" ship auger	3/8"	3
8	18" ship auger	1/2"	3
11	18" ship auger	11/16"	3
12	18" ship auger	3/4"	3
13	18" ship auger	13/16"	3
14	18" ship auger	7/8"	3
15	18" ship auger	15/16"	3
16	18" ship auger	1"	3
18	18" ship auger	1-1/8"	2
20	18" ship auger	1-1/4"	2
24	18" ship auger	1-1/2"	2
12-S	6-1/2" ship auger	3/4"	3
14-S	6-1/2" ship auger	7/8"	3
16-S	6-1/2" ship auger	1"	3
18-S	6-1/2" ship auger	1-1/8"	2
20-S	6-1/2" ship auger	1-1/4"	2
DB-30	Ship Auger Display Board Only	32" x 36"	1
DB-30C	Display Board with 2 each: Nos. 7, 8, 11, 12, 13, 14, 15, 16, 18, 20, 24, 12-S, 14-S, 16-S, 18-S, 20-S	32" x 36"	1



DB-30C



SAA-1

SHORT SHIP AUGER SET

Same high quality as our professional line of ship augers. For use in 3/8" variable speed electric drills, 1/2" drills and hand braces. Packed in a handy storage pouch.

Part No.	Description	Size	Case Pack
SAA-1	5-piece short ship auger set	3/8", 1/2", 5/8", 3/4", 1"	1

ONE-PIECE VARIABLE 4/6 TOOTH BI-METAL HOLE SAWS



ONE-PIECE CONSTRUCTION 1-3/8" CUTTING DEPTH

NEW PART NO.	OLD PART NO.	DIA. (inch)	PIPE* TAP SIZE (in.)	PIPE* ENT. SIZE (in.)
DIV-BC Display Board Complete				
DIV-9	DTA-9	9/16		
→ DIV-10	DTA-10	5/8		
→ DIV-11	DTA-11	11/16		
→ DIV-12	DTA-12	3/4	1/2	3/8
DIV-13	DTA-13	13/16		
→ DIV-14*	DTA-14	7/8	3/4	1/2
→ DIV-15	DTA-15	15/16		
→ DIV-16	DTA-16	1		
→ DIV-17	DTA-17	1-1/16		
→ DIV-18*	DTA-18	1-1/8	1	3/4
→ DIV-19	DTA-19	1-3/16		
→ DIV-20	DTA-20	1-1/4		
→ DIV-21*	DTA-21	1-5/16		
→ DIV-22	DTA-22	1-3/8		1
DIV-23	DTA-23	1-7/16		
→ DIV-24*	DTA-24	1-1/2	1-1/4	
DIV-25	DTA-25	1-9/16		
→ DIV-26	DTA-26	1-5/8		
DIV-27	DTA-27	1-11/16		
→ DIV-28*	DTA-28	1-3/4	1-1/2	1-1/4
DIV-29	DTA-29	1-13/16		
→ DIV-30	DTA-30	1-7/8		
→ DIV-32	DTA-32	2		1-1/2
→ DIV-33	DTA-33	2-1/16		
→ DIV-34	DTA-34	2-1/8		
→ DIV-36*	DTA-36	2-1/4	2	
DIV-37	DTA-37	2-5/16		
→ DIV-38	DTA-38	2-3/8		
→ DIV-40*	DTA-40	2-1/2		2
DIV-41	DTA-41	2-9/16		
→ DIV-42	DTA-42	2-5/8	2-1/2	
→ DIV-44*	DTA-44	2-3/4		
→ DIV-46	DTA-46	2-7/8		
→ DIV-48*	DTA-48	3		2-1/2
→ DIV-50	DTA-50	3-1/8		
→ DIV-52	DTA-52	3-1/4	3	
DIV-54	DTA-54	3-3/8		
→ DIV-56	DTA-56	3-1/2		
DIV-58	DTA-58	3-5/8		3
DIV-60	DTA-60	3-3/4	3-1/2	
DIV-62	DTA-62	3-7/8		
→ DIV-64	DTA-64	4		
→ DIV-66*	DTA-66	4-1/8		3-1/2
DIV-68	DTA-68	4-1/4	4	
DIV-70	DTA-70	4-3/8		
→ DIV-72*	DTA-72	4-1/2		
DIV-76*	DTA-76	4-3/4	4-1/2	4
→ DIV-80	DTA-80	5		
DIV-88	DTA-88	5-1/2		
DIV-92	DTA-92	5-3/4		
→ DIV-96*	DTA-96	6		

HEAVY DUTY CONSTRUCTION FOR THE PROFESSIONAL



Hole Saw Board, 24" x 32", is ideal for display room or tool room use. It contains 33 most popular hole saws up through 6", 24 drill bits and arbor extension.

Chuck to 7/16" Hex Stem or to 1/4" Pilot Drill Shank.



New Part No.	Old Part No.	Description	Per Case
D2D4	DPD4	Pilot Drill	12
D2E12	DME-12	Arbor Ext.	1

HOLE SAW PILOT DRILL & ARBOR

High speed steel Bi-Metal one-piece hole saws. M-3 Bi-Metal edge welded to alloy steel back. 4/6 variable teeth. 1-3/8 inch cutting depth. Cuts through stainless steel, mild steel, nail-embedded wood, hardwood floors, plywood and plastics.

→ Indicates items on Display Board

*All pipe sizes listed in the "Pipe Tap Size" and "Pipe Entrance Size" columns are standard industry size. All pipes are sized by the nominal inside diameter.



VARIABLE 4/6 TOOTH BI-METAL HOLE SAWS & ARBORS



D2V-BC DISPLAY BOARD COMPLETE 24" x 32"

30 High speed steel Bi-Metal hole saws. M-3 Bi-Metal edge welded to alloy steel back, 4/6 Variable Tooth, 1-3/8 inch cutting depth. Cuts through stainless steel, mild steel, nail-embedded wood, hardwood floors, plywood and plastics.



D2V-32

All pipe sizes listed in the "Pipe Tap Size and Pipe Entrance Size" columns are standard industry sizes. All pipes are sized by the nominal inside diameter.

Pipe Tap Size—The sizes listed in this column provide the necessary information whenever a pipe is to be threaded into tanks, boilers/etc. To secure the best results, the hole should be reamed before tapping with a reamer having a taper of 3/4" per foot.

Pipe Entrance Size—The sizes listed in this column provide the necessary information for any given pipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

DOUGLAS VARIABLE 4/6 TOOTH BI-METAL HOLE SAWS

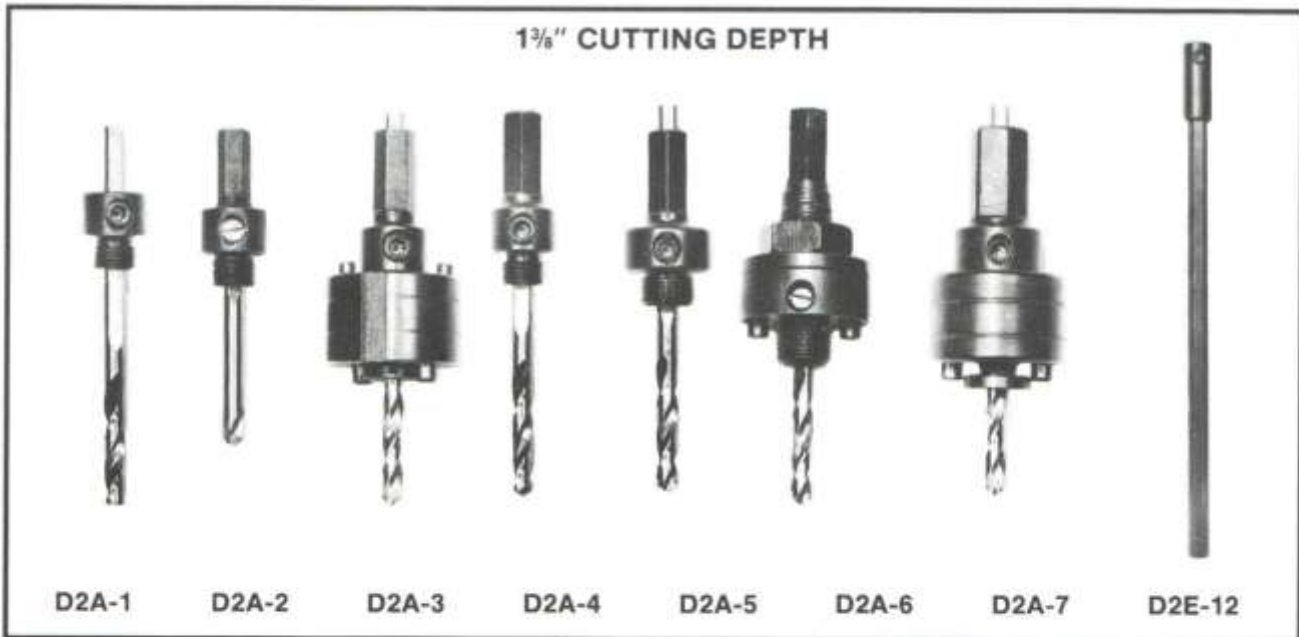
NEW PART NO.	OLD PART NO.	DIA. (Inch)	USE ARBOR NO.	PIPE TAP SIZE (in.)	PIPE ENT. SIZE (in.)
D2V-9	DA-9	9/16			
D2V-10	DA-10	5/8			
D2V-11	DA-11	11/16			
D2V-12	DA-12	3/4	D2A-1	1/2	3/8
D2V-13	DA-13	13/16	or		
D2V-14	DA-14	7/8	D2A-2	3/4	1/2
D2V-15	DA-15	15/16	or		
D2V-16	DA-16	1	D2A-3		
D2V-17	DA-17	1-1/16	or		
D2V-18	DA-18	1-1/8	D2A-4	1	3/4
D2V-19	DA-19	1-3/16			
D2V-20	DA-20	1-1/4			
D2V-21	DA-21	1-5/16			
D2V-22	DA-22	1-3/8			1
D2V-23	DA-23	1-7/16			
D2V-24	DA-24	1-1/2	D2A-3	1-1/4	
D2V-25	DA-25	1-9/16	or		
D2V-26	DA-26	1-5/8	D2A-5		
D2V-27	DA-27	1-11/16	or		
D2V-28	DA-28	1-3/4	D2A-6	1-1/2	1-1/4
D2V-29	DA-29	1-13/16	or		
D2V-30	DA-30	1-7/8	D2A-7		
D2V-32	DA-32	2			1-1/2
D2V-33	DA-33	2-1/16			
D2V-34	DA-34	2-1/8			
D2V-36	DA-36	2-1/4		2	
D2V-37	DA-37	2-5/16			
D2V-38	DA-38	2-3/8			
D2V-40	DA-40	2-1/2			2
D2V-41	DA-41	2-9/16			
D2V-42	DA-42	2-5/8		2-1/2	
D2V-44	DA-44	2-3/4			
D2V-46	DA-46	2-7/8			
D2V-48	DA-48	3			2-1/2
D2V-50	DA-50	3-1/8			
D2V-52	DA-52	3-1/4		3	
D2V-54	DA-54	3-3/8			
D2V-56	DA-56	3-1/2	D2A-3		
D2V-58	DA-58	3-5/8	or		3
D2V-60	DA-60	3-3/4	D2A-6	3-1/2	
D2V-62	DA-62	3-7/8	or		
D2V-64	DA-64	4	D2A-7		
D2V-66	DA-66	4-1/8			3-1/2
D2V-68	DA-68	4-1/4		4	
D2V-70	DA-70	4-3/8			
D2V-72	DA-72	4-1/2			
D2V-76	DA-76	4-3/4		4-1/2	4
D2V-80	DA-80	5			
D2V-88	DA-88	5-1/2			
D2V-92	DA-92	5-3/4			
D2V-96	DA-96	6			

→ Indicates items on Display Board

HOLE SAW ARBORS WITH PILOT DRILLS



1 3/8" CUTTING DEPTH



HOLE SAW ARBORS COMPLETE WITH PILOT DRILLS

New Part No.	Old Part No.	Shank Size	Thread Size	Drill Size & Type	Drill No.	Chuck Size	Arbor Extension	Fits Saws	Follow Through
→ D2A-1	DM-24K	1/4 Hex	1/2-20	1/4 High Speed	D2D4	1/4	—	D2V-9-19	D2V-12-19
→ D2A-2	DM-34	3/8 Hex	1/2-20	1/4 High Speed	D2D4S	3/8	—	D2V-9-19	D2V-16-19
→ D2A-3	DM-44K	7/16 Hex	1/2-20	1/4 High Speed	D2D4	1/2	D2E-12	D2V-9-96	D2V-23-96
→ D2A-4	DM-44	7/16 Hex	1/2-20	1/4 High Speed	D2D4	1/2	D2E-12	D2V-9-19	D2V-14-19
→ D2A-5	DM-45	7/16 Hex	5/8-18	1/4 High Speed	D2D4	1/2	D2E-12	D2V-20-96	D2V-23-96
→ D2A-6	DM-45P	7/16 Hex	5/8-18	1/4 High Speed	D2D4	1/2	D2E-12	D2V-20-96	D2V-23-96
→ D2A-7	DM-55P	5/8 Hex	5/8-18	1/4 High Speed	D2D4	3/4	—	D2V-20-96	D2V-23-96

HOLE SAW PILOT DRILLS AND ACCESSORIES

New Part No.	Old Part No.	Description	Case Cont.
D2D4	DPD4	Pilot Drill	12
D2D4S	DPD4S	Pilot Drill	12
→ D2E12	DME-12	Arbor Ext.	1

→ INDICATES ITEMS ON D2V-BC DISPLAY BOARD



ONE-PIECE HOLE SAW KITS

M-3 BI-METAL EDGE "DEEP CUTTING" HOLE SAW KITS

Extra deep 1-7/8" cutting depth • No separate arbor required • Faster Cutting • Longer Life • M-3 Bi-metal construction

Unique design of Variable Tooth Bi-Metal construction in a 1-piece arbor and hole saw combination allows a much easier application.

Convenient kits with the most popular sizes for each job. Complete with molded carrying case.



D3DV-M

Part No.	Description	Contents	Case Pack
D3DV-M	Maintenance Hole-Saw Kit	1 D3DV-12-3/4" 1 D3DV-14-7/8" 1 D3DV-18-1-1/8" 1 D3DV-22-1-3/8" 1 D3DV-24-1-1/2" 1 D3DV-28-1-3/4" 1 D3DV-32-2" 1 D3DV-36-2-1/4" 1 D3DV-40-2-1/2" 4 D2D4 Pilot Drill 1 SD-1 Screwdriver 1 D2E-12 Extension	One Kit Per Box

Part No.	Description	Contents	Case Pack
D3DV-L	Locksmith's Hole-Saw Kit	1 D3DV-12-3/4" 1 D3DV-14-7/8" 1 D3DV-16-1" 1 D3DV-22-1-3/8" 1 D3DV-24-1-1/2" 1 D3DV-26-1-5/8" 1 D3DV-28-1-3/4" 1 D3DV-34-2-1/8" 4 D2D4 Pilot Drill 1 SD-1 Screwdriver	One Kit Per Box



D3DV-L



D3DV-E

Part No.	Description	Contents	Case Pack
D3DV-E	Electrician's Hole-Saw Kit	1 D3DV-14-7/8" 1 D3DV-18-1-1/8" 1 D3DV-22-1-3/8" 1 D3DV-28-1-3/4" 1 D3DV-32-2" 1 D3DV-40-2-1/2" 3 D2D4 Pilot Drill	One Kit Per Box

ONE-PIECE HOLE SAW KITS



Part No.	Description	Contents	Case Pack
D3DV-P	Plumber's Hole-Saw Kit	1 D3DV-12-3/4" 1 D3DV-14-7/8" 1 D3DV-18-1-1/8" 1 D3DV-24-1-1/2" 1 D3DV-28-1-3/4" 1 D3DV-36-2-1/4" 3 D2D4 Pilot Drill	One Kit Per Box



ONE-PIECE DEEP CUT HOLE SAW AND ACCESSORIES



High speed steel Bi-Metal hole saws. M-3 Bi-Metal edge welded to alloy steel back. 4/6 Variable Tooth.

Cuts through stainless steel, mild steel, nail-embedded wood, hardwood floors, plywood and plastics.

ONE-PIECE CONSTRUCTION 1-7/8" CUTTING DEPTH

New Part No.	Old Part No.	Dia. (in.)	Pipe* Tap Size (in.)	Pipe* Tap Size (in.)
D3DV-12	DTAD-12	3/4	1/2	3/8
D3DV-14	DTAD-14	7/8	3/4	1/2
D3DV-16	DTAD-16	1		
D3DV-18	DTAD-18	1-1/8	1	3/4
D3DV-22	DTAD-22	1-3/8		1
D3DV-24	DTAD-24	1-1/2	1-1/4	
D3DV-26	DTAD-26	1-5/8		
D3DV-28	DTAD-28	1-3/4	1-1/2	1-1/4
D3DV-32	DTAD-32	2		1-1/2
D3DV-34	DTAD-34	2-1/8		
D3DV-36	DTAD-36	2-1/4	2	
D3DV-40	DTAD-40	2-1/2		2

HOLE SAW PILOT DRILLS AND ACCESSORIES

New Part No.	Old Part No.	Description	Case Cont.
D2D4	DPD4	Pilot Drill	12
D2D4S	DPD4S	Pilot Drill	12
D2E12	DME-12	Arbor Ext.	1

*All pipe sizes listed in the "Pipe Tap Size and Pipe Entrance Size" columns are standard industry sizes. All pipes are sized by the nominal inside diameter.



SPECIALTY SAWS

HACK SAW DISPLAY BOARD

Attractive display board, 19" x 27", holds 3 hack saw frames and assortment of 12 popular blades. Hangs out of unauthorized hands yet convenient for impulse sales.

Part No.	Description	Case Pack
DB-20	Hack Saw Display Board Only	1
DB-20C	Display Board with three No. 90 Frames and 20 each of DC1018, DC1024, DC1032, DC1218, DC1224, DC1232, DH1018, DH1024, DH1032, DH1218, DH1224, DH1232 Blades	1



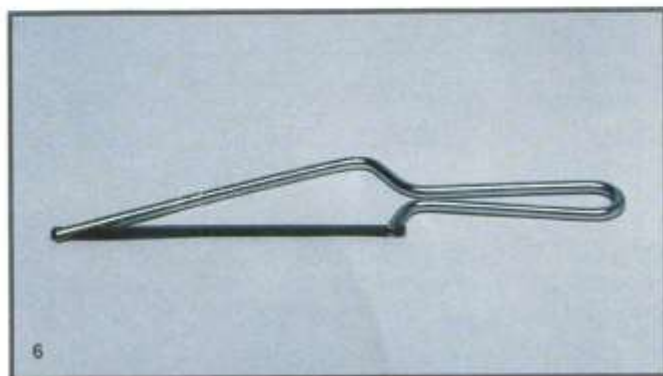
GENERAL PURPOSE FLEXIBLE CARBON STEEL BLADES			
Part No.	Description	Size	Case Pack
DC-1018	18 Teeth	10"	50
DC-1024	24 Teeth	10"	50
DC-1032	32 Teeth	10"	50
DC-1218	18 Teeth	12"	50
DC-1224	24 Teeth	12"	50
DC-1232	32 Teeth	12"	50
HIGH SPEED FLEXIBLE M2 STEEL BLADES			
DH-1018	18 Teeth	10"	50
DH-1024	24 Teeth	10"	50
DH-1032	32 Teeth	10"	50
DH-1218	18 Teeth	12"	50
DH-1224	24 Teeth	12"	50
DH-1232	32 Teeth	12"	50



HACK SAW FRAME

Rugged steel and aluminum construction with comfortable plastic grips. Uses 12-inch blades. Adjusts to permit blade to cut sideways or flush.

Part No.	Description	Size	Case Pack
90	Hack Saw Frame	12"	6

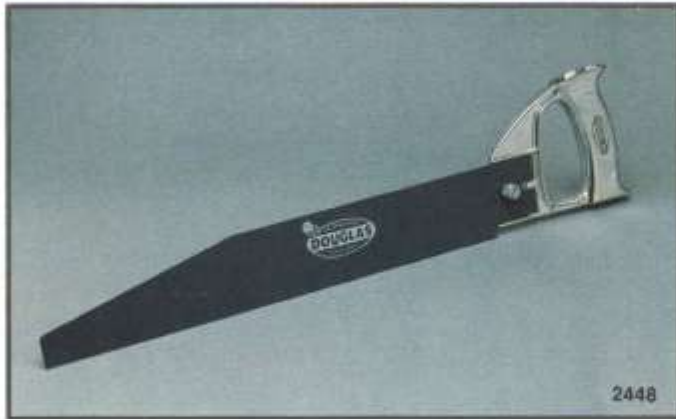


DOUGLAS TEENY WEENY HACK SAW

Nickel plated steel frame. Blades are made of finest quality steel. For wood, steel, plastic, brass.

Part No.	Description	Size	Case Pack
6	Teeny Weeny Saw Frame	6"	12
6-32-P	Teeny Weeny Saw Blade	6"	100

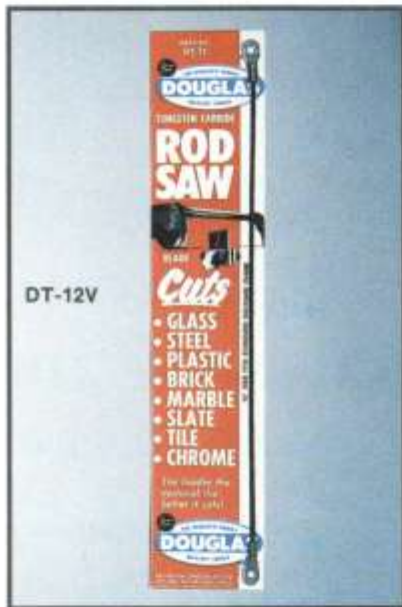
SPECIALTY SAWS



DOUGLAS UTILITY SAW

High quality steel blade cuts to floor level. 18-inch blade with set and filed teeth, 10 teeth per inch. Knuckle guard. Cuts plastic pipe, DWV, Plaster Board, floor boards, studs and pressed wood.

Part No.	Description	Size	Case Pack
2448	Utility Saw, 10 Teeth	18"	1
2448BL	Utility Saw Replacement Blade, 10 Teeth	18"	6



DOUGLAS TUNGSTEN CARBIDE ROD SAW

The harder the material, the better it cuts! Tungsten carbide blade cuts glass, steel, plastic, brick, marble, slate, tile and chrome. 12-inch blade fits standard hack saw frame.

Part No.	Description	Size	Case Pack
DT-12V	Rod Saw Blade, Carded	12"	10

COMPASS SAWS



COMPASS SAW HANDLE

Comfortable, aluminum pistol grip handles permit easy access to hard-to-reach areas. Blades attach with quick-adjusting wing nuts, for ease of reversing blade.

Part No.	Description	Size	Case Pack
100	Compass Saw Handle	Std.	1



COMPASS SAW BLADES

COMPASS SAW BLADES

Tempered steel blades are made to exacting specifications to stay sharp and cut fast. Each blade is slotted for fast attachment and removal.

Part No.	Description	Size	Case Pack
210	8 Teeth	10"	12
212	8 Teeth	12"	12
214	8 Teeth	14"	12
308	13 Teeth	8"	12
312	13 Teeth	12"	12
1012	10 Teeth	12"	12
2412	24 Teeth	12"	12



210-2412

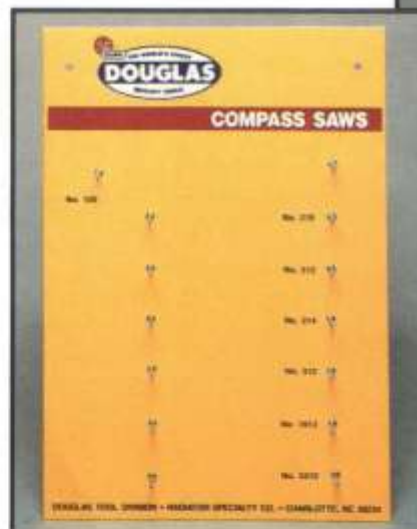
COMPASS SAW DISPLAY BOARD

Attractive display board, 19" x 27", holds 1 handle and assortment of 7 popular blades. Hangs out of unauthorized hands yet convenient for impulse sales.

Part No.	Description	Case Pack
DB-10	Compass Saw Display Board Only	1
DB-10C	Compass Saw Display Board with 6 No. 100 Aluminum Handles, 12 each of Nos. 210, 212, 214, 308, 312, 1012, 2412 Blades	1

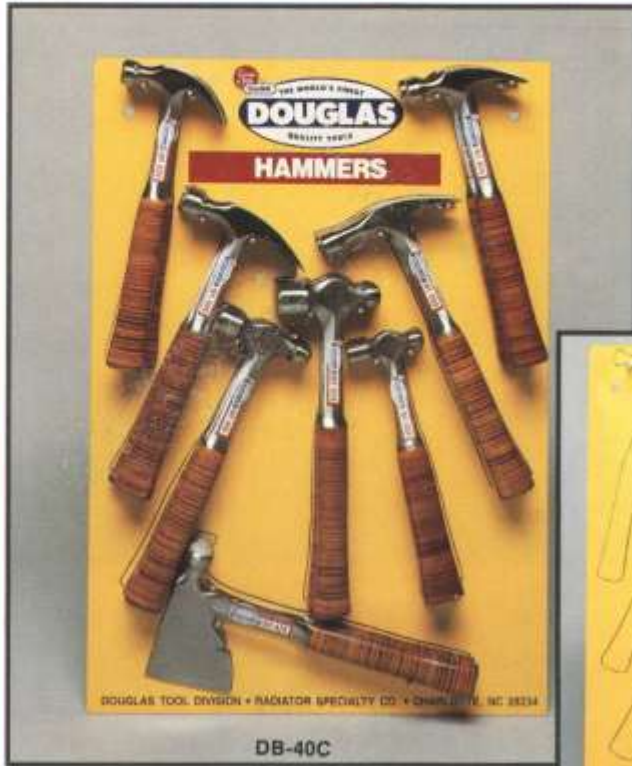


DB-10C



DB-10

HAMMERS WITH LAMINATED LEATHER GRIP HANDLES

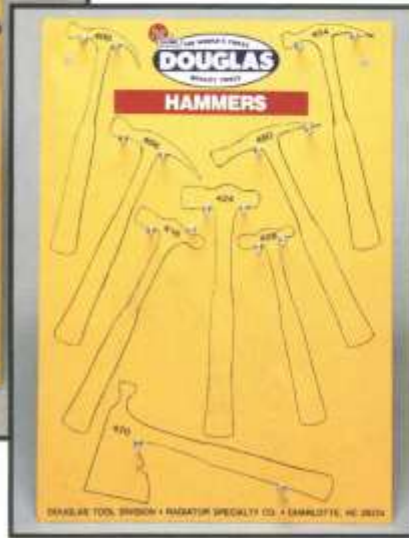


DB-40C

DOUGLAS HAMMER DISPLAY ASSORTMENT

Attractive display board, 19" x 27", holds popular assortment of two each of seven hammers and two carpenter's hatchets. Hangs securely, out of reach of un-authorized hands, yet convenient for impulse sales.

Part No.	Description	Case Pack
DB-40	Display Board Only	1
DB-40C	Display Board with two each, Nos. 400, 404, 406, 408, 416, 424, 460, 470	1



DB-40

DOUGLAS FORGED STEEL HAMMERS WITH LAMINATED LEATHER GRIPS

One-piece forged and machined steel head and shaft with laminated leather grips. Sole leather washers are pressed on shaft and riveted. Grip is then polished and lacquered.



400



404



452



460



470

Part No.	Description	Size	Case Pack
400	Curved Claw	16 oz.	4
404	Straight Claw	16 oz.	4
406	Straight Claw	20 oz.	4
408	Ball Peen	8 oz.	4
412	Ball Peen	12 oz.	4
416	Ball Peen	16 oz.	4
424	Ball Peen	24 oz.	4
432	Ball Peen	32 oz.	4
452	Tinner's Riveting	12 oz.	4
458	Tinner's Riveting	18 oz.	4
460	Electrician's	18 oz.	4
470	Carpenter's Hatchet	3-5/8"	4

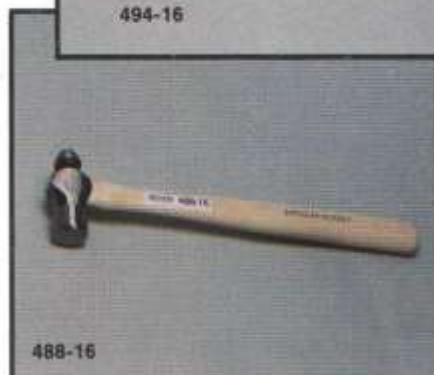


HAMMERS WITH FIBERGLASS AND WOOD HANDLES

DOUGLAS FIBERGLASS HANDLED HAMMERS

Forged and polished head, except under claw. Hunter green fiberglass handle with black non-slip rubber grip.

Part No.	Description	Size	Case Pack
490-20	Curved Claw	20 oz.	4



DOUGLAS GENUINE HICKORY WOOD HANDLED HAMMERS

Aged hickory handles. Forged and polished heads, except under claw. Assembled with two steel and one wood wedges for maximum strength.

Part No.	Description	Size	Case Pack
488-08	Ball Peen	8 oz.	4
488-12	Ball Peen	12 oz.	4
488-16	Ball Peen	16 oz.	4
488-24	Ball Peen	24 oz.	4
488-32	Ball Peen	32 oz.	4
494-16	Curved Claw	16 oz.	4
494-20	Curved Claw	20 oz.	4
495-16	Straight Claw	16 oz.	4
495-20	Straight Claw	20 oz.	4
496-20M	Straight Claw, Milled Face, 16" Handle	20 oz.	4
498-24	Framing Hammer	24 oz.	4
498-24M	Framing Hammer, Milled Face, 17" Handle	24 oz.	4

LEVELS DISPLAYS AND 9" TORPEDO

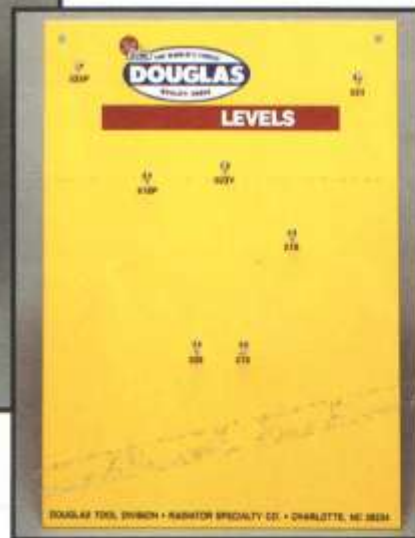


DB-60C

DOUGLAS LEVEL DISPLAY ASSORTMENT

Attractive display board, 19" x 27", holds popular assortment of levels. Hangs securely, out of reach of unauthorized hands, yet convenient for impulse sales.

Part No.	Description	Case Pack
DB-60	Display Board Only	1
DB-60C	Display Board with ten each Nos. 505V, six each No. 509, 510, one each Nos. 5180, 524, 518P, 524P	1

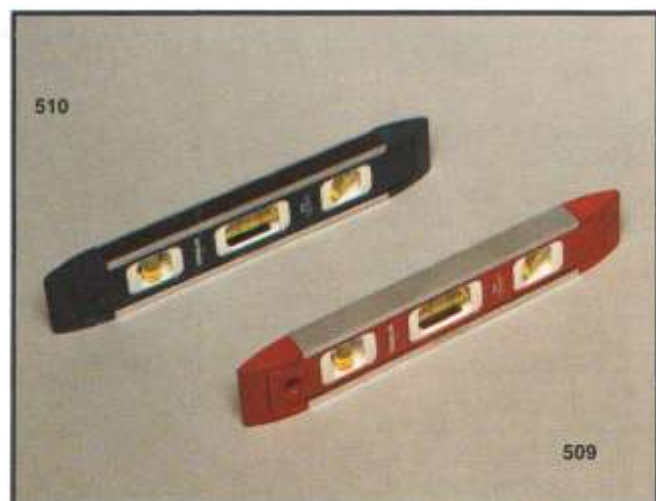


DB-60

DOUGLAS 9-INCH TORPEDO LEVELS

Solid aluminum frame covered with ABS plastic. 3 vials, for Plumb, 45° and Top-reading Level. V-groove edge for use on pipe and conduit. Nos. 510 and 510V have magnetic working edge.

Part No.	Description	Size	Case Pack
509	Torpedo Level	9"	6
509V	Torpedo Level, carded	9"	10
510	Magnetic Torpedo Level	9"	6
510V	Magnetic Torpedo Level, carded	9"	10



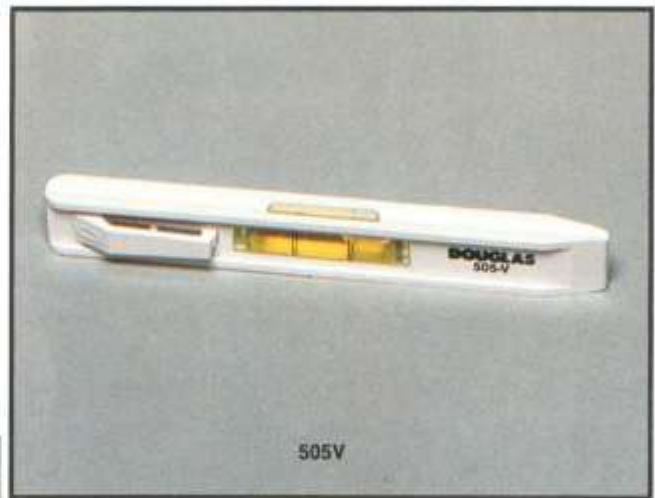


LEVELS SPECIAL AND FOUR FEATURE

DOUGLAS 5-INCH POCKET LEVEL

ABS molded frame with pocket clip. Top reading.

Part No.	Description	Size	Case Pack
505V	Pocket Level, carded	5"	10



505V



548

DOUGLAS 48-INCH LEVEL

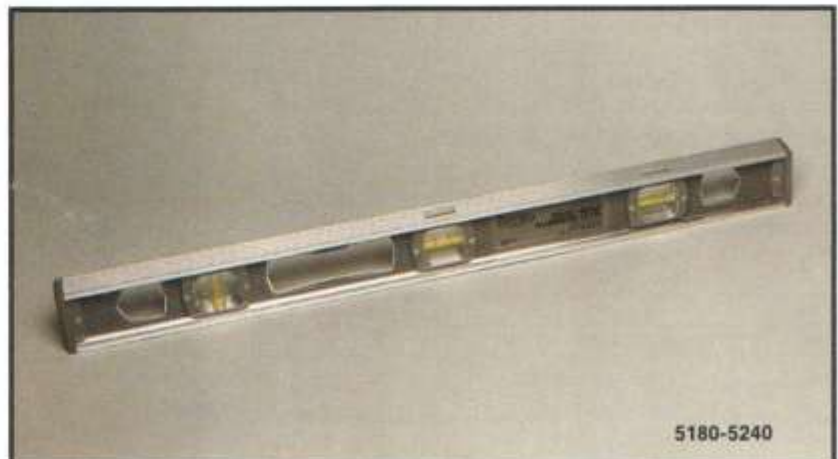
Solid aluminum I-Beam construction. Two replaceable, top reading horizontal and two replaceable vertical vials.

Part No.	Description	Size	Case Pack
548	48-inch Level	48"	1

DOUGLAS 4-FEATURE LEVELS

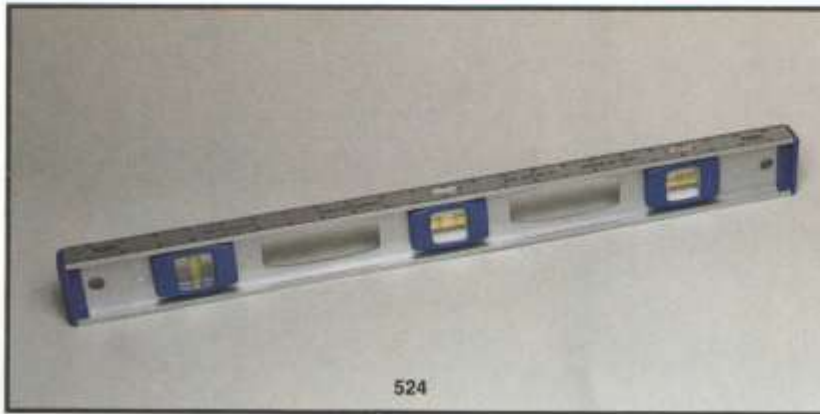
Constructed of solid aluminum beam frame and tough, durable ABS plastic panels. Contains replaceable horizontal, vertical, and pitch vials. Pitch vial for reading slope or pitch from level to 1/2". Top reading horizontal and pitch vial.

Part No.	Description	Size	Case Pack
5180	4-Feature Level	18"	1
5240	4-Feature Level	24"	1



5180-5240

LEVELS PROFESSIONAL SIX FEATURE



MAGNETIC EDGE

Rigid I-Beam construction with ABS plastic panel protection. Three replaceable vials for horizontal, vertical, and pitch, for reading slope or pitch from level to 1/2-inch. Top reading horizontal and pitch vial, ruler and continuous magnetic edge.

Part No.	Description	Size	Case Pack
524	6-Feature, magnetic	24"	1

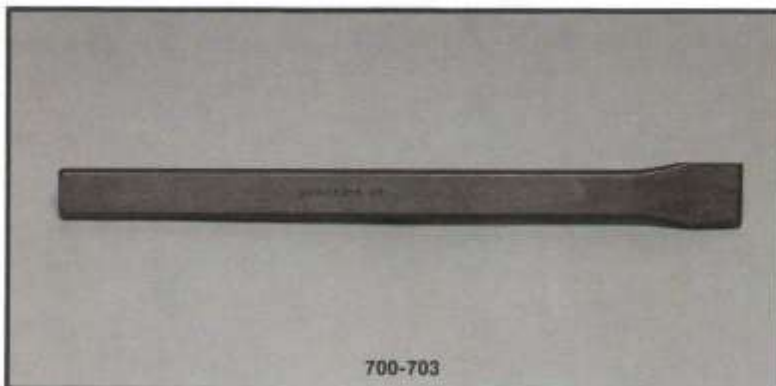
ADJUSTABLE GRADE SCREW

Heavy duty die cast aluminum frame. Three vials for horizontal, vertical, and 45°. Top reading horizontal vial, stainless steel ruler and grade screw adjustment.

Part No.	Description	Size	Case Pack
518P	6-Feature, Adj. grade	18"	1
524P	6-Feature, Adj. grade	24"	1



CHISELS



DOUGLAS BRICK CHISELS

Heavy duty forged steel with blast finish and coated with rust preventive.

Part No.	Description	Size	Case Pack
700	3/8" x 7/8"	12"	12
702	3/8" x 7/8"	18"	1
703	3/8" x 7/8"	24"	1



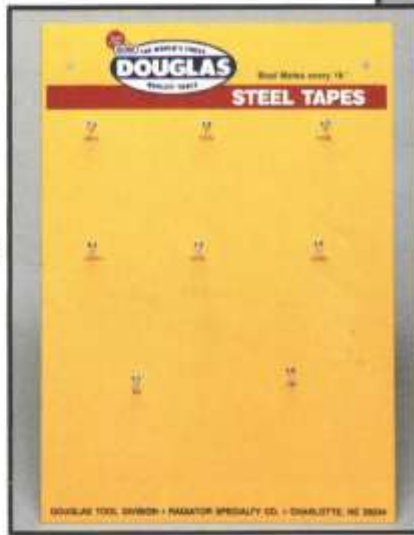
MEASURING TAPES

STEEL TAPE DISPLAY BOARD

Attractive display board, 19" x 27", holds assortment of 5 popular tapes. Hangs out of unauthorized hands yet convenient for impulse sales.

Part No.	Description	Case Pack
DB-50	Steel Tape Display Board Only	
DB-50C	Steel Tape Display Board with 12 each 612SL, 616SL, 625SL and 3 each 650, 6100	1

DB-50



DB-50C



625R

LOCKING POWER STEEL TAPES

Thumb operated blade lock, power return. Stainless steel belt clip on chrome plated ABS case. Hardened and tempered high carbon steel blade is phosphated for rust protection. Tape is yellow with easy-to-read graduations and 16-inch stud markings, all coated with acrylic protective layer for long service life.

Part No.	Description	Size	Case Pack
616R	Power Tape	3/4" x 16 ft.	10
625R	Power Tape	1" x 25 ft.	10

MEASURING TAPES



STEEL MEASURING TAPES

Douglas steel measuring tapes feature 2-color, 2-sided markings. Replaceable steel blades are covered with an easy-to-read yellow coating and include 16"-center stud markings. A rubber bumper/indicator protects blade tip. Chrome plated ABS plastic case. Stainless steel belt clip on sizes up through 25 feet.

Part No.	Description	Size	Case Pack
612-SL	Self-Locking	3/4" x 12 ft.	6
616-SL	Self-Locking	3/4" x 16 ft.	6
625-SL	Self-Locking	1" x 25 ft.	6
650		3/8" x 50 ft.	6
6100		3/8" x 100 ft.	6

Part No.	Description	Size	Case Pack
612-X	Refill Tape	3/4" x 12 ft.	1
616-X	Refill Tape	3/4" x 16 ft.	1
625-X	Refill Tape	1" x 25 ft.	1
650-X	Refill Tape	3/8" x 50 ft.	1
6100-X	Refill Tape	3/8" x 100 ft.	1



FIBERGLASS TAPES

Extruded fiberglass tape and durable ABS case. Folding rewind crank with easy-grip handle. ABS Staking point.

Part No.	Description	Size	Case Pack
6100F	Fiberglass Tape	1/2" x 100 ft.	1
6300F	Fiberglass Tape	1/2" x 300 ft.	1



ABRASIVE CLOTH



AC-310

PLUMBERS' ABRASIVE CLOTH

Douglas 120 grit, water resistant abrasive cloth has been specially processed for cleaning copper tubing and fittings. As a utility cloth, plumbers find many uses on metal and wood.

Part No.	Description	Size	Case Pack
AC-302	Grit 120 (3/0)	1-1/2" x 2 yds.	20 Rolls
AC-310	Grit 120 (3/0)	1-1/2" x 10 yds.	50 Rolls
AC-310-10	Grit 120 (3/0)	1-1/2" x 10 yds.	10 Rolls
AC-325	Grit 120 (3/0)	1-1/2" x 25 yds.	20 Rolls
AC-325-10	Grit 120 (3/0)	1-1/2" x 25 yds.	10 Rolls

100% WATERPROOF ABRASIVE CLOTH DOUGLAS 120 GRIT

Aluminum oxide abrasive cloth is ideal for deburring, cleaning and polishing parts exposed to fluids. Will not load or shed from exposure to water and is 100% impervious to bonding degradation by water, cutting oils, grease, chemicals and other solvents.



WAC-410

Part No.	Description	Size	Case Pack
WAC-410	Grit 120 (3/0)	1-1/2" x 10 yds.	50 Rolls
WAC-425	Grit 120 (3/0)	1-1/2" x 25 yds.	20 Rolls

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