

FEBRUARY 2020

HELSTON GUNSMITHS TRADE TOOLS & EQUIPMENT



www.helstongunsmiths.com
aim@helstongunsmiths.com

Water-Ma-Trout, Helston, Cornwall, TR13 0LW

Tel: (01326) 573385 & 561440



HELSTON DISC REMOVING SYSTEM

Heads available

No.1	Head 2 Pin	2.5mm	No.5	Head 3 Pin	1/16"
No.2	Head 3 Pin	2.0mm	No.6	Head 3 Pin	1/16"
No.3	Head 3 Pin	2.0mm	No.7	Head 2 x 2 Pin	1/16"
No.4	Head 2 x 2 Pin	2.0mm			



Code:

95-0034	COMPLETE SYSTEM	Hand wrench, lathe wrench, 18 pins, 7 heads, Allen key
95-0035	Spare Pins	1/16"
95-0036	Spare Pins	2.0mm
95-0037	Spare Pins	2.5mm
95-0038	Drill bit	1/16"
95-0039	Drill bit	2.0mm
95-0040	Drill bit	2.5mm
95-0041	Spare Head	No.1
95-0042	Spare Head	No.2
95-0043	Spare Head	No.3
95-0044	Spare Head	No.4
95-0045	Spare Head	No.5
95-0046	Spare Head	No.6
95-0047	Spare Head	No.7
95-0048	Hand Wrench	
95-0049	Lathe Wrench	
95-0050	Basic Set	Heads (No's 1,2,3,4), 10 pins and hand wrench)
95-0051	Allen Key	



Tips

The heads have various Pitches to suit most Discs, (the 2 x 2 Pin heads have 4 holes drilled to give two Pin positions of different pitches).

Where discs have holes that have 'dragged' they can be cleaned out with a larger drill to suit a larger removal head. Where the Pitch needs to be changed, clean out one hole, place the head with 1 Pin into the cleaned out hole and use the head as a 'drill guide' to clean out the other two holes.

Some discs have been cross-threaded upon assembly and will be almost impossible to remove, they may require complete destruction in the Action face to remove.

'Local Heat' to the disc itself may help to remove a 'frozen' disc, this will ruin the striker spring and striker, however they are more easily replaced. ALWAYS ENSURE THAT THE ACTION IS REMOVED FROM THE WOOD.



The Tommy bar is held by a grub screw, this can be moved to gain maximum leverage.

Where 1/16 3 Pin discs are stubborn, it will pay to open the disc holes to 2mm to allow for more torque to be applied. For a perfect pitch and fit you can use the Head as a Drill Jig as described above.

The 1/16 Pins have had a little extra tempering to reduce the tendency to break.

The Lathe wrench is similar to the Hand wrench but has a centre in the end, it can be used in the Lathe or a Drilling machine, the action held in a vice (with lead jaws) to give extra purchase. A Must for the larger workshop.



GUNSMITHS PIN PUNCHES (TOOL STEEL)

- Hardened and tempered tool steel
- Parallel 4 3/4" long
- 7 Punches per set
- A selection of diameters up to 1/2"

Code: 95-0070



Eye protection must be worn when using pin punches.

Brass Punches



Set of 5 brass punches

Code: 95-0071

1/8 brass punch

Code: 95-0072

3/16 brass punch

Code: 95-0073

1/4 brass punch

Code: 95-0074

5/16 brass punch

Code: 95-0075

3/8 brass punch

Code: 95-0076

Carbon Steel Punches



Set of 5 Carbon Steel punches

Code: 95-0077

1/8 steel punch

Code: 95-0078

3/16 steel punch

Code: 95-0079

1/4 steel punch

Code: 95-0080

5/16 steel punch

Code: 95-0081

3/8 steel punch

Code: 95-0082

GUNSMITH TOOLS

Gunsmiths Hammers

Set of 3 **Code: 95-0086**

- ❖ 8oz (total weight)
- ❖ Brass head, steel handle



- ❖ 12oz (total weight)
- ❖ Brass head, steel handle



- ❖ 16oz (total weight)
- ❖ Brass head, steel handle



Box Lock Hammer Tool

Code: 95-0093



Machined from brass, fitted with strong plastic handle, alloy 'washer' to protect the hand.

Magazine Capacity Rod (12 Bore)

Code: 95-0087



- ❖ Brass rod to protect finish on shotguns
- ❖ Suitable for pump action or self loading shotgun
- ❖ Marked for two and three shotgun cartridges
- ❖ Quick safe check, (removes the need to use shotgun cartridges)
- ❖ No minimum order quantity

VICE JAW MOULDS



Lead Vice Jaw Mould
Code: 95-0007

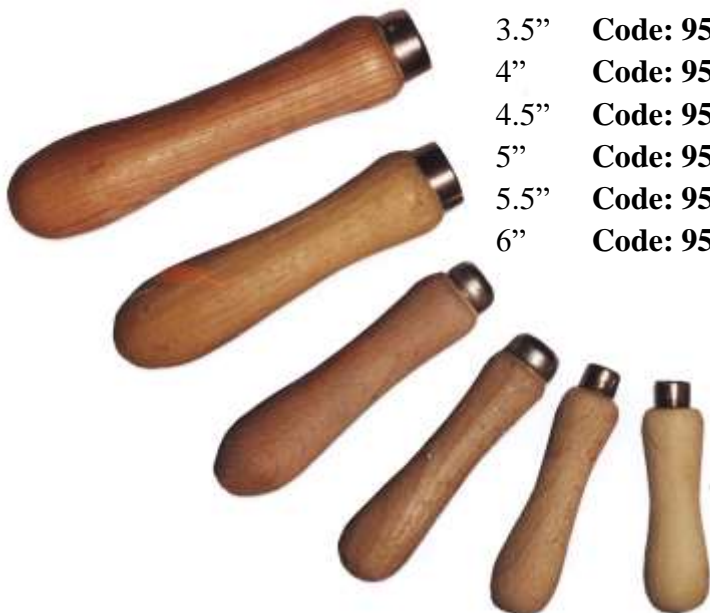
Lead Jaws

4"	Code: 95-0009
4.5"	Code: 95-0010
5"	Code: 95-0011
6"	Code: 95-0012



File Handles

3"	Code: 95-0018
3.5"	Code: 95-0019
4"	Code: 95-0020
4.5"	Code: 95-0021
5"	Code: 95-0022
5.5"	Code: 95-0023
6"	Code: 95-0024



Needle File Handle

Collet type file handle, quick change.

Code: 95-0018

GUNSMITH MATERIALS

0000 WIRE WOOL

Supplied in lots of 1lb, the finest wire wool for gunstock finishing.

Code:95-0005



SILVER STEEL

1 inch Code:50-0607

3/4 inch Code:50-0606

1/2 inch Code:50-0605

3/8 inch Code:50-0604

1/4 inch Code:50-0603

3/16 inch Code:50-0602

1/8 inch Code:50-0601

1/16 inch Code:50-0600



BRASS BAR

7/8 inch Code:50-0608

3/4 inch Code: 50-0609

5/8 inch Code:50-0610

1/2 inch Code:50-0611

1/4 inch Code:50-0612

1/8 inch Code:50-0613



EN8 FIRING PIN MATERIAL (12 INCH LENGTHS X 1/4 INCH DIAMETER)

Code:90-0980

GUNSMITH MATERIALS

Rosin

Used for rib soldering:
500g pack

Code: 95-0066



Rotten Stone

Used in the final sanding/grain
filling phase.

Code: 95-0004



Shellac

½ lb pack for holding in ovals etc, can be used to fill
small holes in woodwork, using a hot knife to melt.

To use, heat a “knife” and “roll” over the oval to melt
the shellac and allow the oval to settle, as the shellac
cools it will set and hold the oval in position.

Code: 95-0017



Alkenite Root

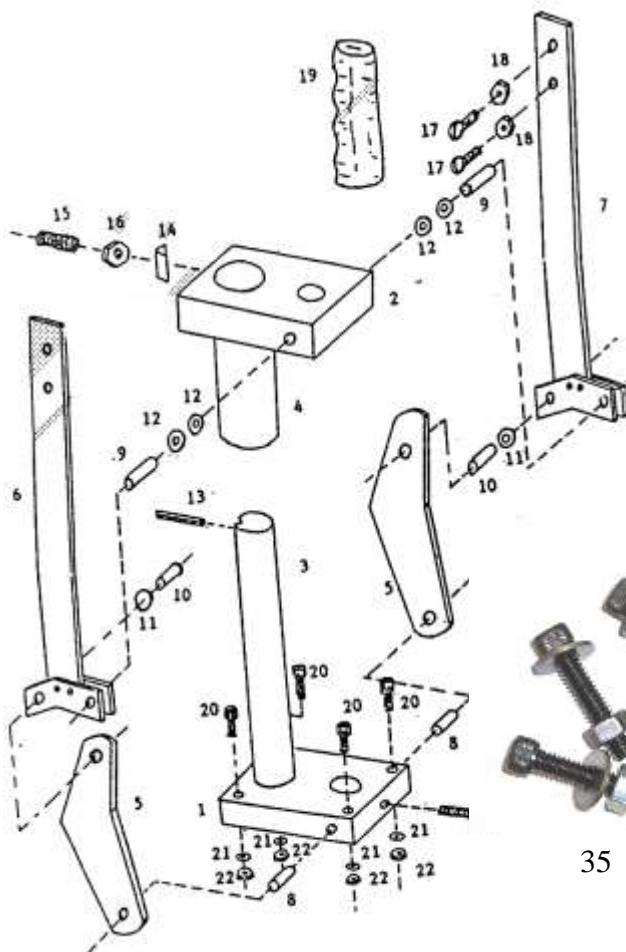
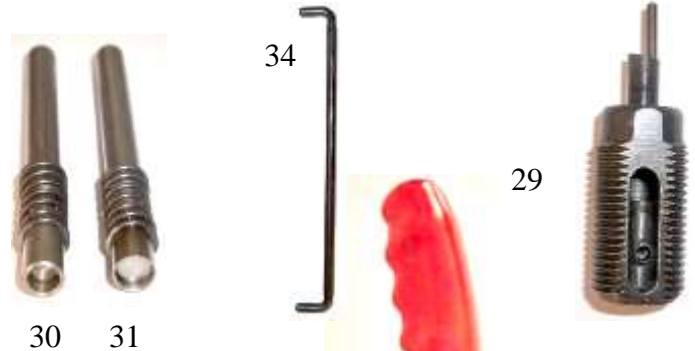
¼ Red, powdered root, very rare and hard to obtain
brings out the darker grain in walnut.

Code: 95-0028



WAMADET PRESS

Item	Code	Description	Item	Code	Description
1	95-3100	Press Bottom	25	95-3000	Press inc Precision Priming System
2	95-3101	Press Top	26	95-3001	Press Only
3	95-3102	Shaft	27	95-3002	Precision Priming System
4	95-3103	Top Tube	28	95-3003	Slube Unit
5	95-3104	Banan	29	95-3004	Auto Lube Unit
6	95-3105	Handle LH	30	95-3050	Priming Post Label
7	95-3106	Handle RH	31	95-3051	Priming Post Small
8	95-3107	Dowel Banana Axis	32	95-3052	Priming Pillar
9	95-3108	Dowel Handle Axis	33	95-3053	Shell Holder Adaptor
10	95-3109	Pin	34	95-3054	Cylinder Lifter
11	95-3110	Washer Pin	35	95-3055	Set 4 Lifting Screws
12	95-3111	Washer Handle Axis Dowel			
13	95-3112	Pin Stop			
14	95-3113	Key			
15	95-3114	Screw Adjusting Key			
16	95-3115	Nut Lock Screw ADJ Key			
17	95-3116	Screw Handle			
18	95-3117	Nut Handle			
19	95-3118	Handle Grip			
20	95-3119	Screw Cap Head			
21	95-3120	Washer Screw Cap Head			
22	95-3121	Nut Screw Cap Head			
23	95-3122	Screw Locking			



35



26



25

GUNSMITH TOOLS AND MATERIAL

RANGE BAG PLASTIC GRANULES

Ideal alternative for sand, light, will not absorb water. Sold in ½ kg bags.

Code: 95-0100



CAMO CABLE TIES

Used to join cammo netting, and fixing to scrim. Non IR reflective.



Sold in packs of 250.

Code: 95-0101



GRINDING GRIT

Coarse 60/80 **Code: 95-0026**

Fine 80/120 **Code: 95-0027**



CORK SANDING BLOCKS

Code: 95-0002



CAMO SCRIM

White sold in size 3m x 1.5.

Code: 95-0102



BLACKING SALTS

Nickel Pentrate is an outstanding development in the black oxide finishing of iron and steel. It gives a very uniform, reproducible, jet black colour on most surface textures, but highly polished surfaces take on a deep blue/black colour, ideal for tools, small arms or semi-decorative articles.

Nickel Pentrate, in comparison with conventional oxidising methods gives faster blackening, increased corrosion protection, increased abrasion resistance, improved appearance and lower operating costs. It meets or exceeds all government or automotive specifications for black oxide coatings.

The simple-to-operate, one pack process contains special activators and complexants which speed up the oxidising process and prevent contamination from non-ferrous metals or colloidal iron precipitates.

The Nickel Pentrate solution also contains surfactants which make the solution more fluid – drag out is minimised and it does not go solid when cold.

CODE: 95-0028

Safety Data Sheets Available



HELSTON QUICK BLACK SYSTEM

*Simple System

*Low Cost

*Clean Environment

DEGREASE



USE HELSTON SOLVENT AQUEOUS DEGREASER (AQ) 1/2 LTR

Code: 95-0065

- Supplied with full user instructions
- Used to remove light oil from steel components
- Can be diluted up to 50% with water
- Non flammable

CONDITION

USE HELSTON CONDITIONER 1/2 LTR

Code: 95-0066

- 10% solution with mains water is recommended
- Used to condition the surface
- Rinse off before immersion into quick black solution
- Used at room temperature



BLACK



USE HELSTON QUICK BLACK SOLUTION 1/2 LTR

Code: 95-0067

- 25% solution – i.e/ 1/2 Litre = 2 litre
- Safe to use non corrosive
- No dimensional changes
- Produces adherent black oxide coating

OIL



USE HELSTON DEWATER OIL (DW) 1/2 LTR

Code: 95-0068

- Synthetic, dries to a clear, thin oily film
- Cleans, dewateres, protects and lubricates in one operation
- Flash point greater than 44 °C
- Use at room temperature

FORENSIC EQUIPMENT



FORENSIC SAMPLE HOLDER (BALLISTIC)

Holds projectiles up to .50 BMG and cases up to 2.900 inches long.
The base is drilled with a selection of holes for mounting on your microscope base.

Code: 76-0201



GLOCK FIRING PIN DISASSEMBLY TOOL

This tool is for the easy dismantling of the firing pin assembly. Simply place the assembly into the locating hole; the shape of the tool gives a good hand hold for withdrawal of the firing pin spring. The large groove in the base of the tool can be used to hold the spring cups whilst the firing pin is being cleaned/inspected.

Code: 76-0202

PRIMER TESTING DEVICE

Code	Description	Code	Description
76-0001	Sleeve 16 Bore	76-0054	Rifle Sleeve Holder
76-0002	Sleeve 20 Bore	76-0055	Shotgun Sleeve Holder
76-0003	Sleeve 28 Bore	76-0056	Rimfire/Blank Sleeve Holder
76-0004	Sleeve 410 Bore	76-0070	Disc Removal Tool
76-0005	Sleeve 7.62 x 61	76-0071	Safety Pin
76-0006	Sleeve 7.62 x 39	76-0072	Firing Pin Ring
76-0007	Sleeve .5.56mm	76-0073	Allen Key
76-0008	Sleeve .303	76-0080	Body Small Calibre
76-0009	Sleeve .22LR	76-0081	Body Shotgun/Blank
76-0010	Sleeve .22WMR	76-0082	Body Holder
76-0011	Sleeve 9mm KNALL	76-0083	Silencer Tube Small
76-0012	Sleeve 8mm BLANK	76-0084	Silencer Tube Large
76-0013	Sleeve .25 AUTO	76-0085	Striker
76-0014	Sleeve .38SP/.357	76-0086	Firing Pin
76-0015	Sleeve .38	76-0087	Firing Pin Disc
76-0016	Sleeve .455	76-0088	Striker Plate
76-0017	Sleeve .45 AUTO	76-0089	Striker Spring
76-0018	Sleeve .45 COLT	76-0090	Striker Retainer
76-0019	Sleeve .380 AUTO	76-0091	O Ring Small
76-0020	Sleeve 9mm	76-0092	O Ring Large
76-0021	Sleeve .32 S&W	76-0093	Holder Block Small
76-0022	Sleeve .44 MAG	76-0094	Holder Block Large
76-0023	Sleeve .41 MAG	76-0095	Block Alignemnt Pin
76-0051	Small Calibre Device	76-0096	Fixing Screw Small
76-0052	Shotgun/Blank Device	76-0097	Fixing Screw Large
76-0053	Pistol Sleeve Holder	76-0098	Cocking Pull Ring

Complete Set

Code: 76-0099

Comprising:

Small calibre firing device
 Shotgun/blank firing device
 Pistol sleeve holder
 Rifle sleeve holder
 Shotgun sleeve holder
 Rimfire/blank sleeve holder
 23 sleeves
 2 silencers (not shown)
 Tool set
 Small spares pack



SPARES



Body Holder
Code: 76-0082



Body Small Calibre
Code: 76-0080



Body Shotgun/Blank
Code: 76-0081



Silencer Tube
Code: 76-0083



Silencer Tube Shotgun/Blank
Code: 76-0084



Striker Plate
Code: 76-0088



Firing Pin
Code: 76-0086



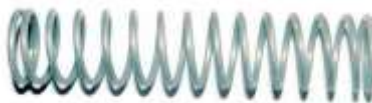
Firing Pin Disc
Code: 76-0087



Cocking Pull Ring
Code: 76-0098



Striker
Code: 76-0085



Striker Spring
Code: 76-0089



Striker Retainer
Code: 76-00890



**Silencer O Ring
Small Body**
Code: 76-0091



**Silencer O Ring
Large Body**
Code: 76-0092



**Holder Block
Small Body**
Code: 76-0093



**Holder Block
Large Body**
Code: 76-0094

**Block
Alignment Pin**
Code: 76-0095



**Fixing Screw
Small Body**
Code: 76-0096



**Fixing Screw
Large Body**
Code: 76-0097

PRIMER TESTING DEVICE

Designed to be used for firing primed cases, it removes the need to maintain a wide range of firearms of different calibres with all security, cleaning and maintenance implications involved.



Small Calibre Firing Device Pistol/Rifle



Pistol Holder



Rifle Holder



Shotgun and Rimfire/Blank Firing Device



Shotgun Holder



Rimfire/Blank Holder



Small Calibre Firing Device
Code: 76-0051



Shotgun/Blank Firing Device
Code: 76-0052



Pistol Sleeve Holder
Code: 76-0053



Rifle Sleeve Holder
Code: 76-0054



Shotgun Sleeve Holder
Code: 76-0055



Rimfire/Blank Sleeve Holder
Code: 76-0056



Code	Sleeve No.	Calibre
76-001	1	16 Bore
76-002	2	20 Bore
76-003	3	28 Bore
76-004	4	410 Bore
76-005	5	7.62 x 61
76-006	6	7.62 x 39
76-007	7	.5.56mm
76-008	8	0.303
76-009	9	.33LR
76-010	10	.22WMR
76-011	11	9mm Knall
76-012	12	8mm Blank
76-013	13	.25 Auto
76-014	14	.38sp/.357
76-015	15	0.38
76-016	16	0.455
76-017	17	.45 Auto
76-018	18	.45 Colt
76-019	19	.380 Auto
76-020	20	9mm
76-021	21	.32 S&W
76-022	22	.44 Mag
76-023	23	.41 Mag

TOOLS



Disc Remover
Code: 76-0070



Safety Pin
Code: 76-0071



Allen Key
Code: 76-0073



Firing Pin Ring
Code: 76-0072

USER INSTRUCTIONS

1. Secure the Primer Testing Device firmly, pointing in a safe direction.
2. Wear suitable eye and ear protection.
3. Remove powder from “blanks” before firing.
4. Insert safety pin in firing pin striker.
5. Insert firing pin in selected “power hole”.
6. Ensure device is pointing in a safe direction.
7. Place primed case in appropriate sleeve.
8. Insert sleeve in brass body and screw into firing device.
9. Place ‘silencer’ in position.
10. Alert any person within earshot with command “firing”.
11. Remove safety pin.
12. Remove firing pin to “fire” the primer tester.

DO NOT

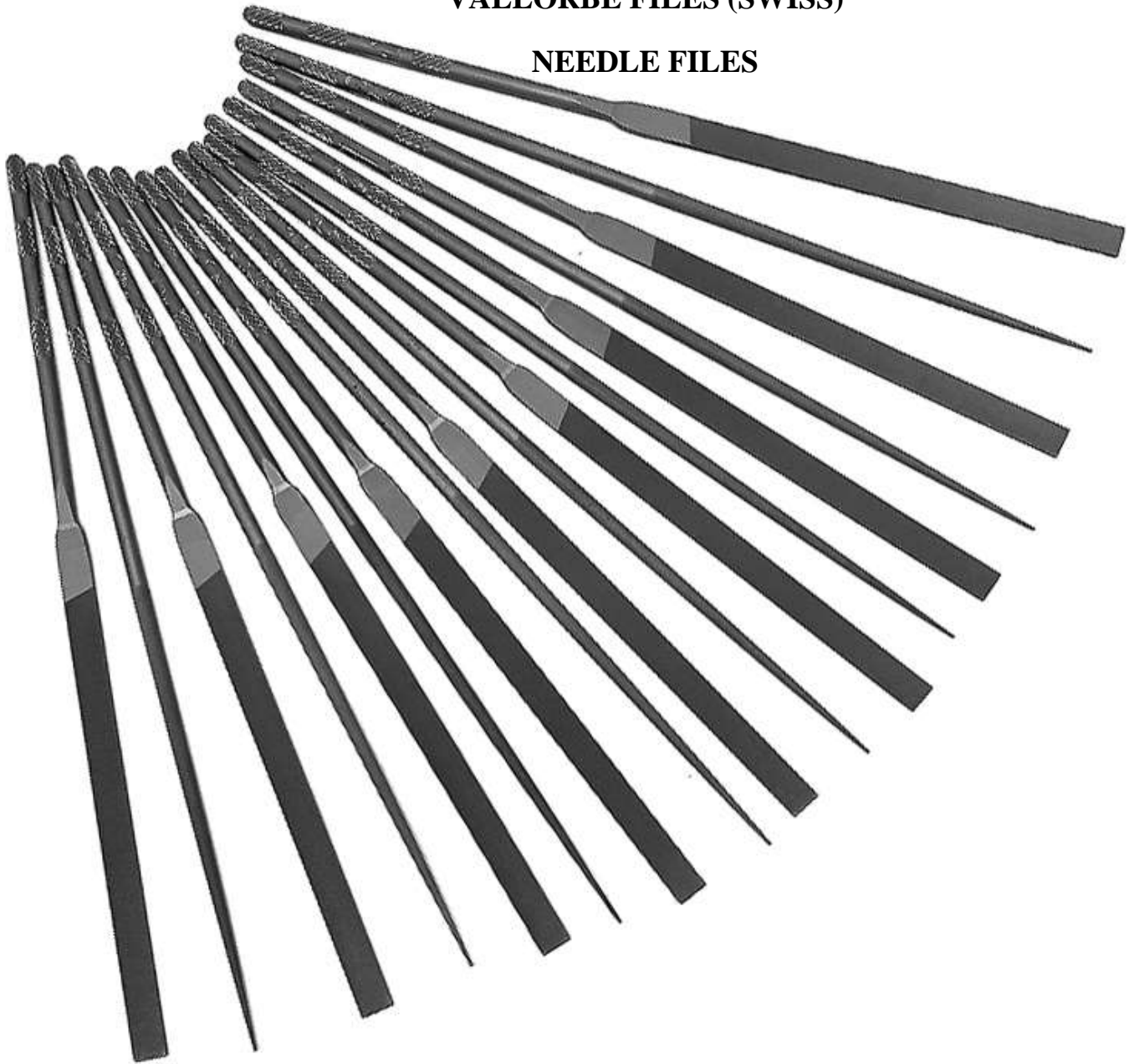
1. Do not hold the silencer tube when firing.
2. Do not fire CS blanks in the primer testing device.
3. Do not attempt to fire anything other than a primed case in the primer firing device.

Notes:

1. The body holder can be removed to allow the body to be clamped in a vice.
2. For “crime primer testing” always fire a lab primed case to first ensure “power hole” selection is correct, and mechanism is functioning properly.
3. The silencer baffle is a “scotch brite” cloth. Re-new periodically.

VALLORBE FILES (SWISS)

NEEDLE FILES



Extra Quality No. 2 cut 18cm long (available singly).

PILLAR		99-2401	OVAL		99-2409
HALFROUND		99-2402	ROUND		99-2410
CROSSING		99-2403	BARRETTE SLITTING		99-2411
KNIFE		99-2405	CROCHET		99-2414
WARDING		99-2406	PILLAR ROUND EDGES		99-2415
THREE-SQUARE		99-2407	JOINT ROUND EDGES		99-2416
SQUARE		99-2408			99-2417

VALLORBE FILES (SWISS)

**Pillar
chequering
6"
Cuts 00, 0, 1, 2, 4**

Code: 99-1136

(State cut)



**Hand
chequering
6" and 8"
Cuts 00, 1, 2**

Code: 99-1166

(State cut & length)

VALLOBE DIAMOND NEEDLE FILES (SWISS)

DIAMOND NEEDLE FILES (Available Singly)

Popular range of our fine-cut needle files available in 4 different shapes;
Pillar, Halfround Three-Square, Square and Round

Halfround

Ref: 95-9402



Three-Square

Ref: 99-9407



Pillar

Ref: 99-9401



Square

Ref: 99-9408



VALLORBE ENGINEERS FILE (SWISS)

LX5510

Hand



Item	Dimensions L = "/mm		A x B mm
99-5510 Coarse: Lengths: 4, 6, 8, 10, 12, 14 inch	4 / 100		13 x 3
99-5510 Second: Lengths: 4, 6, 8, 10, 12, 14 inch	6 / 150		16 x 3.5
99-5510 Smooth: Lengths: 4, 6, 8, 10, 12 inch	8 / 200		22 x 5
	10 / 250		26 x 6.5
	12 / 300		30 x 8
	14 / 350		36 x 9.5

MOQ 3 (Each)

LX5520

Flat



Item	Dimensions L = "/mm		A x B mm
99-5520 Coarse: Lengths: 4, 6, 8, 10, 12, 14 inch	4 / 100		13 x 2.5
99-5520 Second: Lengths: 4, 6, 8, 10, 12, 14 inch	6 / 150		16 x 3.5
99-5520 Smooth: Lengths: 4, 6, 8, 10, 12 inch	8 / 200		22 x 4.5
	10 / 250		26 x 6.5
	12 / 300		30 x 8
	14 / 350		36 x 9.5

MOQ 3 (Each)

LX5535

Warding



Item	Dimensions L = "/mm		A x B mm
99-5535 Coarse: Lengths: 4, 6, 8 inch	4 / 100		11 x 1.5
99-5535 Second: Lengths: 4, 6, 8 inch	6 / 150		15 x 2
99-5535 Smooth: Lengths: 4, 6, 8 inch	8 / 200		19 x 2.5

MOQ 3 (Each)

LX5550

Halfround



Item	Dimensions L = "/mm		A x B mm
99-5550 Coarse: Lengths: 4, 6, 8, 10, 12, 14 inch	4 / 100		12 x 3.5
99-5550 Second: Lengths: 4, 6, 8, 10, 12, 14 inch	6 / 150		15 x 4.5
99-5550 Smooth: Lengths: 4, 6, 8, 10, 12 inch	8 / 200		21 x 6
	10 / 250		25 x 7.5
	12 / 300		27 x 8.5
	14 / 350		32 x 11

MOQ 3 (Each)

LX5560

Three square



Item	Dimensions L = "/mm		A mm
99-5560 Coarse: Lengths: 4, 6, 8, 10, 12, inch	4 / 100		7
99-5560 Second: Lengths: 4, 6, 8, 10, 12, inch	6 / 150		10
99-5560 Smooth: Lengths: 4, 6, 8, 10, inch	8 / 200		14
	10 / 250		17
	12 / 300		20

MOQ 3 (Each)

LX5570

Square



Item	Dimensions L = "/mm		A mm
99-5570 Coarse: Lengths: 4, 6, 8, 10, 12, inch	4 / 100		4
99-5570 Second: Lengths: 4, 6, 8, 10, 12 inch	6 / 150		6
99-5570 Smooth: Lengths: 4, 6, 8, 10, inch	8 / 200		8
	10 / 250		10
	12 / 300		12

MOQ 3 (Each)

CLEANING BRUSHES

Turks Head 12 Bore



Used to remove the most stubborn of fouling steel wire with P/H thread.

Code: 20-0170

M16 Style Chamber Brush



8-36 thread to suit US
“Cleaning rod small arms”

Code: 95-0094

M16 Cleaning Rod



Standard US 5 piece set, steel, with 8-36 thread (can be used for pistol/rifle/smg)

Code: 95-0095

Gun Parts Cleaning Brush



Gun Parts cleaning brush developed for use by the US military for cleaning M16/M4 rifles. Solvent proof, polyprop handle 7” long Nato stock number #1005-00-494-6602.



Nylon
95-0090



Stainless
95-0091



Bronze
95-0092

7 1/8 Long x 1/2” Wide.

Note: Steel leave deposits onto the work piece that are prone to rust, so always use stainless steel wire brushes.