



# Files and Rasps



The following is a reproduction of the "Sheffield File List" (Prices and Extras), adopted by the Trade generally, as from 1st November, 1915, at a General Meeting of File Manufacturers held at the Cutler's Hall, Sheffield, on the 27th October, 1915, and certified by the Cutler's Company. It can be referred to with confidence in its accuracy.

**Flat, Square, Round, Entering, Taper Cotter Files, Mill Saw Files Two Square Edges Single Cut.**

Inches. 1 to 4	Rough and Bastard.		2nd Cut.		Smooth.		Dead Smooth.					
	Per Doz.		Per Doz.		Per Doz.		Per Doz.					
	£	s. d.	£	s. d.	£	s. d.	£	s. d.				
4	0	7	0	0	8	3	0	9	6	0	14	6
4½	0	7	6	0	9	0	0	10	3	0	16	0
5	0	8	0	0	9	9	0	11	0	0	17	6
5½	0	8	6	0	10	6	0	11	9	0	19	0
6	0	9	0	0	11	3	0	12	6	1	0	6
6½	0	9	6	0	12	0	0	13	3	1	2	0
7	0	10	0	0	12	9	0	14	0	1	3	6
7½	0	11	0	0	13	9	0	15	3	1	5	0
8	0	12	0	0	14	9	0	16	6	1	6	6
8½	0	13	0	0	15	9	0	17	9	1	8	0
9	0	14	0	0	16	9	0	19	0	1	9	6
9½	0	15	0	0	17	9	1	0	3	1	11	0
10	0	16	0	0	19	0	1	1	6	1	12	6
10½	0	17	0	1	0	3	1	2	9	1	14	0
11	0	18	6	1	1	6	1	4	0	1	16	0
11½	1	0	0	1	2	9	1	5	3	1	18	0
12	1	1	6	1	4	0	1	6	6	2	0	0
12½	1	3	0	1	5	6	1	8	0	2	2	0
13	1	5	0	1	7	0	1	10	0	2	5	0
14	1	10	0	1	13	0	1	16	0	2	14	0
15	1	16	0	1	19	0	2	2	0	3	3	0
16	2	3	0	2	7	0	2	12	0	3	18	0
17	2	10	0	2	15	0	3	3	0	4	14	0
18	3	0	0	3	5	0	3	14	0	5	11	0
19	3	8	0	3	15	0	4	4	0	6	6	0
20	4	1	0	4	9	0	4	19	0	7	9	0
21	4	13	0	5	1	0	5	13	0	8	10	0
22	5	6	0	5	15	0	6	8	0	9	12	0
32	6	1	0	6	12	0	7	6	0	11	0	0
24	7	0	0	7	11	0	8	6	0	12	10	0

**EXTRAS.**

- Mill Saw, double cut, advance one inch.
- „ „ one round edge, advance half inch.
- „ „ two round edges, advance one inch.
- Flat, one round edge, advance half inch.
- „ two round edges, advance one inch.

**Hand, Half-round, Three-square, Equalling one Safe Edge, Parallel Cotter, Slotting, Pillar, Warding or Extra Thin Flat, Needle, Round-off, Bone, Pottance, Coffin Files, Topping Files Two Square Edges Single Cut.**

Inches. 1 to 4	Rough and Bastard.		2nd Cut.		Smooth.		Dead Smooth.					
	Per Doz.		Per Doz.		Per Doz.		Per Doz.					
	£	s. d.	£	s. d.	£	s. d.	£	s. d.				
4½	0	8	6	0	9	9	0	11	6	0	17	6
5	0	9	6	0	10	9	0	12	6	0	18	9
5½	0	10	6	0	11	9	0	13	6	1	0	3
6	0	11	6	0	12	9	0	14	6	1	1	9
6½	0	12	6	0	13	9	0	15	6	1	3	3
7	0	13	6	0	15	0	0	16	6	1	5	0
7½	0	14	6	0	16	3	0	17	9	1	6	9
8	0	15	6	0	17	6	0	19	0	1	8	6
8½	0	16	6	0	18	9	1	0	3	1	10	6
9	0	17	6	1	0	0	1	1	6	1	12	3
9½	0	18	6	1	1	3	1	2	9	1	14	3
10	0	19	6	1	2	6	1	4	0	1	16	0
10½	1	0	6	1	3	9	1	5	6	1	18	6
11	1	1	6	1	5	0	1	7	0	2	0	6
11½	1	3	0	1	6	3	1	8	6	2	2	9
12	1	4	6	1	7	6	1	10	0	2	5	0
12½	1	6	0	1	8	9	1	11	6	2	7	6
13	1	8	0	1	10	0	1	13	0	2	10	0
14	1	10	0	1	13	0	1	16	0	2	14	0
15	1	16	0	1	19	0	2	2	0	3	3	0
16	2	3	0	2	7	0	2	12	0	3	18	0
17	2	10	0	2	15	0	3	3	0	4	14	0
18	3	0	0	3	5	0	3	14	0	5	11	0
19	3	8	0	3	15	0	4	4	0	6	6	0
20	4	1	0	4	9	0	4	19	0	7	9	0
21	4	13	0	5	1	0	5	13	0	8	10	0
22	5	6	0	5	15	0	6	8	0	9	12	0
23	6	1	0	6	12	0	7	6	0	11	0	0
24	7	0	0	7	11	0	8	6	0	12	10	0

**EXTRAS.**

- Flat-back and High-back Half-round, advance half inch.
- Bellied Three-square, advance one inch.
- Equalling and Cotter, extra thin, advance one inch.
- Cotter, Slotting and Pillar, one round edge, advance half inch; two round edges, advance one inch.
- Needle exceeding breadth of Hand, advance half inch.
- Round-off with points, advance one inch.
- Topping, cut to point, advance half inch.
- „ double cut, advance one inch.
- „ one round edge, advance half inch.
- „ two round edges, advance one inch.

All files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Files

ENGINEERS', SAW-MILL, AND FOR GENERAL USE.

Our files are made from high-grade cast steel, having sharp and well-formed teeth for durability and all round economy. They are highly recommended by users. All processes of manufacture—forging, annealing, cutting and hardening—are carried out by the use of modern plant under skilful direction. Each file is subjected to rigid inspection after every process, and finally before being despatched.

Cut in all grades, Rough, Middle and Bastard Cut, Second Cut, Smooth and Dead Smooth Cut—these terms indicating the relative number of teeth to the inch.

All files bearing our "Elephant" Trade Mark are fully guaranteed.



NO. FLAT FILE.



NO. SQUARE FILE.



NO. ROUND FILE.

FLAT, SQUARE, ROUND ENTERING AND TAPER COTTER FILES.

Inches.	Rough & Bastard.	2nd Cut	Smooth.	Dead Smooth.	Inches.	Rough & Bastard.	2nd Cut	Smooth.	Dead Smooth.
	Per doz.	Per doz.	Per doz.	Per doz.		Per doz.	Per doz.	Per doz.	Per doz.
1 to 4	7/-	8/3	9/6	14/6	11½	20/-	22/9	25/3	38/-
4½	7/6	9/-	10/3	16/-	12	21/6	24/-	26/6	40/-
5	8/-	9/9	11/-	17/6	12½	23/-	25/6	28/-	42/-
5½	8/6	10/6	11/9	19/-	13	25/-	27/-	30/-	45/-
6	9/-	11/3	12/6	20/6	14	30/-	33/-	36/-	54/-
6½	9/6	12/-	13/3	22/-	15	36/-	39/-	42/-	63/-
7	10/-	12/9	14/-	23/6	16	43/-	47/-	52/-	78/-
7½	11/-	13/9	15/3	25/-	17	50/-	55/-	63/-	94/-
8	12/-	14/9	16/6	26/6	18	60/-	65/-	74/-	111/-
8½	13/-	15/9	17/9	28/-	19	68/-	75/-	84/-	126/-
9	14/-	16/9	19/-	29/6	20	81/-	89/-	99/-	149/-
9½	15/-	17/9	20/3	31/-	21	93/-	101/-	113/-	170/-
10	16/-	19/-	21/6	32/6	22	106/-	115/-	128/-	192/-
10½	17/-	20/3	22/9	34/-	23	121/-	132/-	146/-	220/-
11	18/6	21/6	24/-	36/-	24	140/-	151/-	166/-	250/-

All files of our make are carefully tested on Hardened Steel before packing and are fully guaranteed.



# Engineers' Files



The above illustration shows how all Tanged Files and Rasps are measured. Those without Tangs are measured from extreme point to extreme.

HAND FILE.



HALF-ROUND FILE.



THREE-SQUARE FILE.



PARALLEL COTTER OR PILLAR FILE.



WARDING FILE.

Hand, Half-Round, Three-square, Equalling One Safe Edge, Parallel Cotter, Slotting, Pillar, Warding or Extra Thin Flat, Needle, Round-off, Bone, Pottance, Coffin Files, Topping Files, Two Square Edges Single Cut.

Inches.	Rough & Bastard.			2nd Cut.			Smooth.			Dead Smooth.			Inches.	Rough & Bastard.			2nd Cut.			Smooth.			Dead Smooth.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1 to 4	0	8	6	0	9	9	0	11	6	0	17	6	11½	1	4	6	1	7	6	1	10	0	2	5	0
4½	0	9	6	0	10	9	0	12	6	0	18	9	12	1	6	0	1	8	9	1	11	6	2	7	6
5	0	10	6	0	11	9	0	13	6	1	0	3	12½	1	8	0	1	10	0	1	13	0	2	10	0
5½	0	11	6	0	12	9	0	14	6	1	1	9	13	1	10	0	1	13	0	1	16	0	2	14	0
6	0	12	6	0	13	9	0	15	6	1	3	3	14	1	16	0	1	19	0	2	2	0	3	3	0
6½	0	13	6	0	15	0	0	16	6	1	5	0	15	2	3	0	2	7	0	2	12	0	3	18	0
7	0	14	6	0	16	3	0	17	9	1	6	9	16	2	10	0	2	15	0	3	3	0	4	14	0
7½	0	15	6	0	17	6	0	19	0	1	8	6	17	3	0	0	3	5	0	3	14	0	5	11	0
8	0	16	6	0	18	9	1	0	3	1	10	6	18	3	8	0	3	15	0	4	4	0	6	6	0
8½	0	17	6	1	0	0	1	1	6	1	12	3	19	4	1	0	4	9	0	4	19	0	7	9	0
9	0	18	6	1	1	3	1	2	9	1	14	3	20	4	13	0	5	1	0	5	13	0	8	10	0
9½	0	19	6	1	2	6	1	4	0	1	16	0	21	5	6	0	5	15	0	6	8	0	9	12	0
10	1	0	6	1	3	9	1	5	6	1	18	6	22	6	1	0	6	12	0	7	6	0	11	0	0
10½	1	1	6	1	5	0	1	7	0	2	0	6	23	7	0	0	7	11	0	8	6	0	12	10	0
11	1	3	0	1	6	3	1	8	6	2	2	9	24	7	19	0	8	12	0	9	8	0	14	2	0

EXTRAS.

Flat-back and High-back Half-round, advance half-inch.  
 Bellied Three-square, advance one inch.  
 Equalling and Cotter, Extra Thin, advance one inch.  
 Cotter, Slotting and Pillar, one round edge, advance half-inch; two round edges, advance one inch.  
 Needle exceeding breadth of Hand, advance half-inch.

Round-off with points, advance one inch.  
 Topping, cut to point, advance half-inch.  
 double cut, advance one inch.  
 one round edge, advance half-inch.  
 two round edges, advance one inch.

All files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Engineers' Files



EQUALLING FILE.



RIFFLER FILE.



TUMBLER FILE.



CANT FILE.



FEATHER EDGE FILE.



KNIFE FILE.

Hand and Equalling Cut Both Edges or with One Double Cut Edge, Lock, Arch, Riffler, Tumbler, Oval Saw, Pin, and Cant Files.

Inches.	Rough & Bastard.			2nd Cut.			Smooth.			Dead Smooth.			Inches.	Rough & Bastard.			2nd Cut.			Smooth.			Dead Smooth.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1 to 4	0	9	6	0	10	9	0	12	6	0	18	9	11½	1	6	0	1	8	9	1	11	6	2	7	6
4½	0	10	6	0	11	9	0	13	6	1	0	3	12	1	8	0	1	10	0	1	13	0	2	10	0
5	0	11	6	0	12	9	0	14	6	1	1	9	12½	1	10	0	1	13	0	1	16	0	2	14	0
5½	0	12	6	0	13	9	0	15	6	1	3	3	13	1	13	0	1	16	0	1	19	0	2	19	0
6	0	13	6	0	15	0	0	16	6	1	5	0	14	1	19	0	2	3	0	2	8	0	3	10	0
6½	0	14	6	0	16	3	0	17	9	1	6	9	15	2	6	0	2	11	0	2	18	0	4	6	0
7	0	15	6	0	17	6	0	19	0	1	8	6	16	2	15	0	3	0	0	3	7	0	5	2	0
7½	0	16	6	0	18	9	1	0	3	1	10	6	17	3	4	0	3	10	0	3	19	0	5	18	0
8	0	17	6	1	0	0	1	1	6	1	12	3	18	3	14	0	4	2	0	4	11	0	6	18	0
8½	0	18	6	1	1	3	1	2	9	1	14	3	19	4	7	0	4	15	0	5	6	0	8	0	0
9	0	19	6	1	2	6	1	4	0	1	16	0	20	5	0	0	5	8	0	6	0	0	9	0	0
9½	1	0	6	1	3	9	1	5	6	1	18	6	21	5	14	0	6	3	0	6	16	0	10	6	0
10	1	1	6	1	5	0	1	7	0	2	0	6	22	6	11	0	7	1	0	7	16	0	11	16	0
10½	1	3	0	1	6	3	1	8	6	2	2	9	23	7	10	0	8	1	0	9	2	0	13	14	0
11	1	4	6	1	7	6	1	10	0	2	5	0	24	8	8	0	9	2	0	10	8	0	15	12	0

**EXTRAS ON ABOVE PRICES.**

Hand and Equalling, one round edge, advance half-inch; two round edges, advance one inch.  
 Equalling, cut both edges, extra thin, advance one inch.  
 Feather Edge and Knife, advance two inches.  
 Taper Crossing, advance two inches.

All Files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Mill Saw Files



SINGLE CUT ONE ROUND EDGE MILL SAW FILE.

Size ...	4"	5"	6"	7"	8"	9"	10"	12"	
Bastard Cut ...	7/6	8/6	9/6	11/-	13/-	15/-	17/-	23/-	per doz.
2nd Cut ...	9/-	10/6	12/-	13/9	15/9	17/9	20/3	25/6	"
Smooth ...	10/3	11/9	13/3	15/3	17/9	20/3	22/9	28/-	"



SINGLE CUT TWO ROUND EDGE MILL SAW FILE.

Size ...	4"	5"	6"	7"	8"	9"	10"	12"	
Bastard Cut ...	8/-	9/-	10/-	12/-	14/-	16/-	18/6	25/-	per doz.
2nd Cut ...	9/9	11/3	12/9	14/9	16/9	19/-	21/6	27/-	"
Smooth ...	11/-	12/6	14/-	16/6	19/-	21/6	24/-	30/-	"

Double Cut Mill Saw Files advance 1 inch on above prices.

## Tyzacks' Celebrated "Elephant" Brand Drillers' Files



(I.E., Single Cut, 2nd Cut, One Round Edge Mill Saw Files 4" and 6" long).

Size	4"	6"
Self Handle ... )	Special Nett Prices quoted on application.	
Tanged ... )		

Can be supplied either Cut or left at point.

All Files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Saw Files



TAPER SAW FILE.

TAPER SAW FILES (not cut to point).

Inches.	2nd Cut Single.	2nd Cut Double.	Smooth Single Cut.	Inches.	2nd Cut Single.	2nd Cut Double.	Smooth Single Cut.
	Per doz.	Per doz.	Per doz.		Per doz.	Per doz.	Per doz.
1 to 3½	7/-	8/-	8/3	8	17/-	18/-	20/-
4	7/3	8/3	8/9	8½	19/-	20/-	22/6
4½	7/6	8/9	9/9	9	21/6	22/6	26/-
5	8/3	9/9	11/-	10	24/-	26/-	31/-
5½	9/3	11/-	12/6	11	29/-	31/-	37/-
6	10/9	12/6	13/9	12	34/-	37/-	43/-
6½	12/-	13/9	15/-	13	40/-	43/-	50/-
7	13/6	15/-	16/6	14	46/-	50/-	60/-
7½	15/-	16/6	18/-				

Slim Taper Saw Files can be supplied at same price as above. **EXTRAS.**—Taper Saw Files, if cut to point, advance 1 inch.



THREE-SQUARE BAND SAW FILE.

THREE-SQUARE TAPER BAND-SAW (second cut, single) and THREE-SQUARE BLUNT (second cut, double) SAW FILES.

Length ...	1-3½"	4"	4½"	5"	5½"	6"	6½"	7"	7½"	8"	8½"	9"	10"	11"	12"	13"	14"	
Price ...	10/6	12/-	13/6	15/6	17/6	19/6	21/6	24/-	26/6	29/-	31/-	34/-	40/-	44/-	50/-	55/-	60/-	per doz.



THREE-SQUARE BLUNT, CANT and SEGMENT SAW (second cut, single) FILES.

Length ...	1-3½"	4"	4½"	5"	5½"	6"	6½"	7"	7½"	8"	8½"	9"	10"	11"	12"	13"	14"	
Price ...	8/6	9/6	10/6	12/-	13/6	15/6	17/6	19/6	21/6	24/-	26/-	29/-	35/-	39/-	45/-	50/-	55/-	per doz.



DOUBLE-END TAPER SAW FILE.

Length	Up to 7"	8"	9"	10"	11"	12"	
Price (including handles)	10/6	12/-	13/6	15/6	17/6	19/6	per doz.



HANDLES for double end files:—Specially slit, longer than usually supplied. Assorted sizes, per dozen nett.

All files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Saw Files



FRAME SAW FILE.



GULLETING FILE.

## PIT OR FRAME SAW AND GULLETING FILES.

Length ...	1-3½"	4"	4½"	5"	5½"	6"	6½"	7"	7½"	8"	8½"	9"	10"	11"	12"	13"	14"	
2nd cut single ...	7/6	8/6	9/6	10/6	12/-	13/6	14/6	16/-	18/-	20/-	22/6	25/-	31/-	35/-	41/-	46/-	50/-	per doz.
do. double	8/6	9/6	10/6	12/-	13/-	14/6	16/-	17/6	19/6	22/-	24/-	27/-	33/-	37/-	43/-	48/-	53/-	



CROSSCUT SAW FILE.

Size ...	8"	9"	10"	
2nd Cut, Single Cut	17/-	21/6	24/-	Per doz.



RUBBER FILE.

Prices quoted on receipt of Specification.



BLOCK FILES OR VALVE RUBBERS.—Square or Flat.

Prices quoted on receipt of specification.

All Files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Rasps



HORSE RASP.

Size	...	12"	14"	15"	16"	
Price	...	25/-	36/-	43/-	50/-	per dozen.

$\frac{1}{4}$  File

$\frac{1}{2}$  File

$\frac{1}{2}$  File Reverse

BACK  
FRONT



The above illustration explains meaning of the terms  $\frac{1}{4}$  file,  $\frac{1}{2}$  file, and  $\frac{1}{2}$  file reverse.



TANGED HORSE RASP.

Size	...	11"	11 $\frac{1}{2}$ "	12"	14"	16"	
Price	...	30/-	33/-	36/-	50/-	68/-	per dozen.



SINGLE IMPROVED SHOE RASP.

Size	...	6"	7"	8"	9"	10"	
Price	...	13/6	15/6	17/6	19/6	21/6	per dozen.



HORSE MOUTH RASP, Handled, Price each.  
" " " Jointed, " "



BREAD RASP, Handled, Price per dozen.



ASH FILE HANDLES.  
Unvarnished, iron ferrules.

All Files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.





# Rasps



FLAT RASP.



HALF-ROUND RASP.



CABINET RASP.



ROUND RASP.

### FLAT, HALF-ROUND AND ROUND RASPS.

Size	4"	6"	8"	10"	12"	14"	16"	
Rough and Bastard	8 6	12 6	16 6	20 6	26 -	36 -	50 -	per doz.
2nd Cut	9 9	13 9	18 9	23 9	28 9	39 -	55 -	"
Smooth; also Cabinet Files and Rasps	11 6	15 6	20 3	25 6	31 6	42 -	63 -	"

### EXTRAS ON ABOVE PRICES.

- Hand Rasps advance 1 inch on Flat Rasps.
- Extra Smooth Cabinets advance 1 inch on Cabinets.
- Flat and Half-Round Gun Stockers' Rasps and Last Makers' Rasps advance 2 inches on Cabinets.
- Saddle-Tree Rasps advance 3 inches on Cabinets.

All Files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Rasps



FLAT RASP.



HALF-ROUND RASP.



CABINET RASP.



ROUND RASP.

### FLAT, HALF-ROUND AND ROUND RASPS.

Size	...	...	...	4"	6"	8"	10"	12"	14"	16"	
Rough and Bastard	...	...	...	8/6	12/6	16/6	20/6	26/-	36/-	50/-	per doz.
2nd Cut	...	...	...	9/9	13/9	18/9	23/9	28/9	39/-	55/-	"
Smooth ; also Cabinet Files and Rasps				11/6	15/6	20/3	25/6	31/6	42/-	63/-	"

### EXTRAS ON ABOVE PRICES.

- Hand Rasps advance 1 inch on Flat Rasps.
- Extra Smooth Cabinets advance 1 inch on Cabinets.
- Flat and Half-Round Gun Stockers' Rasps and Last Makers' Rasps advance 2 inches on Cabinets.
- Saddle-Tree Rasps advance 3 inches on Cabinets.

All Files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.



# Files for Agricultural Purposes

Tyzacks' Celebrated "Elephant" Brand Reaper Files.



KNIFE-SHAPE REAPER FILE, WOOD HANDLE.

Wood Handled Reaper Files, packed in strong cardboard boxes of one dozen and fully labelled.



KNIFE-SHAPE REAPER FILE, SELF HANDLE.



KNIFE-SHAPE REAPER FILE, TANGED.

Knife Shape Wood Handle, Single or Double Cut, 8"	... ..	} Special nett prices quoted on application.
" " Solid or Self Handle, Single or Double Cut, 8"	... ..	
" " Tanged Handle, Single or Double Cut, 8"	... ..	



SPECIAL THREE SQUARE, TAPER FILE, TANGED, for sharpening Mower Sections, Chaff Cutter Knives, etc.



SPECIAL THREE SQUARE TAPER FILE, SOLID HANDLE for sharpening Mower Sections, Chaff Cutter Knives, etc.

	Size	8"	9"	10"	12"	
Tanged, Single Cut, 2nd Cut ...	}	Special nett prices quoted on application.				
Solid Handle, Single Cut, 2nd Cut						

All files of our make are carefully tested on Hardened Steel before packing, and are fully guaranteed.