

## Flat Files



- Used by machinists, machinery builders, ship and engine builders, repairman and others who require rapid removal of metal
- Rectangular in cross section and taper slightly towards point in width
- Double-cut on sides, single-cut on edges
- Available in bastard, second and smooth-cut
- Carded

Inch	mm	Handled	Bastard cut		Smooth cut		lb	Wt. per Shelf Pack		Shelf Pack
			Cat. No.	UPC No.	Cat. No.	UPC No.		oz	g	
6	150	No	<b>21867</b>	037103218674	<b>03634</b>	037103036349	1	5	595	6
8	200	No	<b>21862</b>	037103218629	<b>03633</b>	037103036339	2	7	1106	6
8	200	Ergonomic	<b>21748H</b>	037103167903	-	-	3	3	1446	6
10	250	No	<b>21868</b>	037103218681	<b>03732</b>	037103037329	3	9	1616	6
10	250	Ergonomic	<b>21868H</b>	037103167910	-	-	4	5	1956	6
12	300	No	<b>03762</b>	037103037626	-	-	5	14	2667	6

Flat Bastard Cut Files,  
Second Cut Files and Smooth Cut Files.

## Flat Files - Boxed



- Used by machinists, machinery builders, ship and engine builders, repairman and others who require rapid removal of metal
- Rectangular in cross section and taper slightly towards point in width
- Double-cut on sides, single-cut on edges
- American pattern, available in bastard, second and smooth-cut
- Boxed

Inch	mm	Bastard Cut		Second Cut		Smooth Cut		lb	Wt. Per Doz.		Shelf Pack
		Cat. No.	UPC No. 037103	Cat. No.	UPC No. 037103	Cat. No.	UPC No. 037103		oz	g	
4	100	<b>03367</b>	033673	<b>03401</b>	034014	<b>03434</b>	034342	0	9	255	12
6	150	<b>03467</b>	034670	<b>03500</b>	035004	<b>03533</b>	035332	1	9	709	12
8	200	<b>03566</b>	035660	<b>03599</b>	035998	<b>03632</b>	036322	3	12	1701	12
10	250	<b>03665</b>	036650	<b>03698</b>	036988	<b>03731</b>	037312	7	3	3261	6
12	300	<b>03764</b>	037640	<b>03797</b>	037978	<b>03830</b>	038302	11	4	5103	6
14	350	<b>03863</b>	038630	<b>03896</b>	038968	<b>03929</b>	039293	16	10	7541	6
16	400	<b>03980</b>	039804	-	-	-	-	24	2	10943	6

## Half Round files - Boxed



- Used on concave, convex and flat surfaces
- Rounded on 1 side, flat on opposite
- Backs of all half-round bastard files are double-cut
- Backs of all half-round second-cut files longer than 6" are double-cut
- Backs of all 4 and 6" files are single-cut
- Backs of all half-round smooth files are single-cut
- Flat sides of all half-round files are double-cut
- Pipeliner file (#05190) is single-cut on back and flat sides
- Boxed

Inch	mm	Bastard Cut		Second Cut		Smooth Cut		Wt. Per Doz.			Shelf Pack
		Cat. No.	UPC No. 037103	Cat. No.	UPC No. 037103	Cat. No.	UPC No. 037103	lb	oz	g	
4	100	04695N	218513	04729N	218407	04762N	218414	0	10	284	12
6	150	04795N	218520	04828N	218438	04861N	218445	1	9	709	12
8	200	04896N	218551	04927N	218568	04960N	218728	3	5	1503	12
10	250	04995N	218803	05026N	218612	05059N	218827	6	1	2750	6
12	300	05094N	218650	05125N	218841	05158N	218889	10	8	4763	6
14	350	05194N	218926	05225N	218933	05258N	218711	16	4	7371	6
14	350	05190N	218940	Pipeliner	-	-	-	16	4	7371	6
16	400	05307N	218018	-	-	-	-	23	14	10830	6

## Half Round Wood Bastard File



- Used by cabinetmakers and woodworkers
- Half-round
- Single-cut on edges
- Curved side of rasps similar to half-round rasps but has larger radius

Inch	Length		Packed	Regular (Second Cut)		Wt. per doz.			Shelf Pack
	mm			Cat. No.	UPC No.	lb	oz	g	
8	200		Boxed	17615N	037103219572	3	0	1361	12
10	250		Boxed	17683N	037103219596	5	7	2466	6
12	300		Boxed	17751N	037103219602	9	5	4224	6

## Professional Handsaws

- Precision set teeth for smooth cuts
- Hardened and tempered polished steel blade with resharp-  
enable teeth for long life
- Handles on 15" and 20" models features 40/90 degree  
shape for marking angles



NS1501

Cat No.	UPC No.	Length		Points Per Inch	Tooth Style	Package Weight		Shelf Pack
		Inch	mm			lb	g	
NS1501	037103172310	24	608	8	Standard	2.5	1134	2
NS1502	037103172327	24	608	12	Standard	2.5	1134	2
NS1503	037103172334	20	508	8	Standard	2	907	2
NS1504	037103172341	15	381	8	Standard	2	907	2