

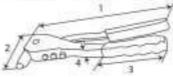
### HAND RIVETER

TANG RIVET

- Material Chrome Vanadium



ITEM CODE	SIZE	10000	2 Imagi	3	4	WEGHT	QTY/DUS KKOLIBESAR
GT-HR1231	2 - 10 mm	265	77	106	16	540	6/36 pcs



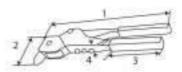
## **HAND RIVETER 360 DEGREE**

TANG RIVET 360 DERAJAT

- Material Chrome Vanadium



ITEM CODE	SIZE	ineni.	immi.		de la constantia del constantia de la constantia de la constantia della constantia della co	WEIGHT	QTF/DUS RECK/BALKS
GT-HR1232	2 - 10 mm	265	77	106	16	540	6/24 pcs



## **BALL PEIN HAMMER**

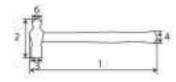
**PALU KONDE** 



- Powder coating and heat treated carbon steel hammer

· Drop forged for extra stregth

ITEM CODE	SIZE	1	2	A least	4 Deed	S Irent	-	7	WEIGHT	QTY / DUS
GT-8M1233	8 OZ	280	85	24	34	20	20	25	420	6/60 pcs
GT-8M1234	16 OZ	325	105	29	40	25	23	27	700	6/36 pcs
GT-8M1235	24 02	350	118	32	46	25	25	33	1,000	6/24 pcs
GT-8M1236	32 OZ	350	127	38	46	26	26	37	1,150	6/24 pcs





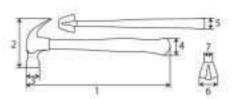
### **CLAW HAMMER**

PALU KAMBING

Drop forge	d for extra stregth
Fiberglass i	handle with non slip rubber grip



ITEM CODE	SIZE	1	2	2 ment	A ment	S .	- A Second	7	WEIGHT	OTY / DUS
GT-CH1237	8 OZ	270	110	24	37	20	26	22	360	6/48 pcs
GT-CH1238	12 OZ	290	125	27	42	24	31	26	513	6/36 pcs
GT-CH1239	16 OZ	320	130	30	46	25	33	29	700	6/36 pcs

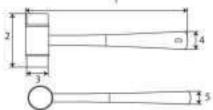


# **DOUBLE PLASTIC HAMMER**

- Rubber handle reduce vibration
- High durable plastic
- · High strength adhesive



ITEM CODE	SIZE	7	2	1 (pres)	d I	3.	WEIGHT	QTY / DUS
GT-PH1240	25 mm	280	72	23	27	20	250	1 / 72 pcs
GT-PH1241	30 mm	285	81	27	27	20	300	1/60 pcs
GT-PH1242	35 mm	285	85	30	29	20	436	1 / 48 pcs
GT-PH1243	40 mm	300	96	36	32	24	500	1/36 pcs
GT-PH1244	50 mm	320	114	44	36	25	920	1/24 pcs



### **BENCH VICE**

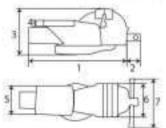
PALU PLASTIK

### CATOK

- · Precission jaws + Ergonomic handle + Wide and flat arrell



ITEM CODE	SCZE	10000	2	3 (800)	*	5	(march	P	WEIGHT	OTY/BUS REQUEEN
GT-8V1245	3"	250	40	120	17	70	70	150	7,009	2 pcs
GT-8V1246	4"	300	40	160	20	100	100	170	13,500	Tpcs
GT-8V1247	5"	340	40	180	22	125	125	210	20,500	1 pcs
GT-BV1248	6"	410	50	200	24	150	150	225	30,000	1 pcs
GT-8V1249	8"	510	50	260	28	170	200	350	53,000	1 pes



## **LETTER PUNCH**

### **HURUF KETOK**



ITEM CODE	SIZE	12 E	2	Own)	WEIGHT	QTY / DUS KECKINESAN
GT-LP1256	1,5 mm	60	. 5	5	430	1 set
GT-LP1257	2 mm	61	5	5	448	Tast
GT-LP1258	2.5 mm	60	7	7	462	1 set
GT-LP1259	3 mm	60	7	7	442	1 set
GT-LP1260	4 mm	60	7	7	635	Test
GT-LP1263	5 mm	60	7	7	715	1 set
GT-LP1262	6 mm	63	8	8	1,040	1 set
GT-LP1263	8 mm	66	9	9	1,360	Tset
GT-LP1264	10 mm	69	12	12	2,068	1 set
GT-LP1265	12 mm	75	14	13	3,070	Test





### **NUMBER PUNCH**

NOMOR KETOK



ITEM CODE	3	ure.	1	2	3 javec	WEIGHT	GTY/DUS SECURISE
GT-NP1266	1,7	imm.	60	5	6	153	Tiset
GT-NP1267	2	mm	61	6	6	156	Tset
GT-NP1268	2,	mm 2	61	6		157	1 set
GT-NP1269	1	mm	61	6	6	156	1 set
GT-NP1270	4	mm	61	6	6	212	Toet
GT-NP1271	5	mm	61	6		251	Inst
GT-NP1272	- 6	mos	63	-6		348	1 set
GT-NP1273		mm	66	9	9	467	fast
GT-NP1274	10	mum	69	12	12	882	1 set
GT-NP1275	12	mm	74	13	13	1,048	1 set

## **SCRAPER**



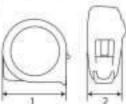
ITEM CODE	SIZN	T inne	2 innt	3 prosi	WEIGHT	QTY/DUS
GT-5C1276	10 X 3 cm	128	63	30	57	10 / 40 pcs



## **MEASUREMENT TAPE**

METERAN

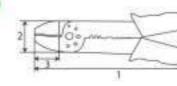
тем соре	size	1	4	WEIGHT	GTY/DUS
GT-MT1279	3 M	-60	30	117	12 / 72 pcs
GT-MT1280	5 M	66	30	176	12 / 72 pcs
GT-MT1281	7.5 M	74	30	339	12 / 48 pcs
GT-MT1404	10 M	80	35	452	12 / 48 pcs



## FIVE WAY DELUXE CRIMPING TOOL 9"

TANG CRIMPING 9"

ITEM CODE	SHZE	unio.	I Inne	S invest	WEIGHT	CTY / DUS
GT-FW1454	91	224	. 38	39	204	25 / 100 pcs





+ Mult/ - functions crimping tool · High - contrast size range markings + Non - slip cushioned bandle grips







## **6 PCS PUNCH & CHISEL SET**

PAHAT SET 6 PCS



ITEM CODE		CONTENT	WEIGHT	GTY/DUS KECIL/RESA	
	1 pcs	Handle Punch & Chisel			
	1 pcs	Cold Chisel 5/8"			
GT-PC1277	1 pcs	Cold Chisel 1/2*	12222	1/30 set	
G1-PC1277	1 pcs	Solid Punch 3/16"	715		
	1 pcs	Center Punch 3/8"			
	Tpcs	Pin Punch 3/16"			

## **7 PCS PUNCH & CHISEL SET**

PAHAT SET 7 PCS



TEM CODE		CONTENT	WEIGHT	QTY/DUS KECIL/BESAN	
	•	Punch & Chisel			
GT-PC1278	7 pcs	5/8",1/2",3/8",5/32"	615	1 / 12 set	
		7/32.1/813/16"			

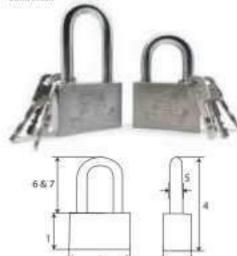
### PADLOCK SHORT SQUARE TYPE

GEMBOK LEHER PENDEK TIPE KOTAL

+ Matteriol	chrome	vanadium
+ Cylinder	and pin	100% cooper
- Mah san	deal son	

- Carbon steel body

+ Satin finish



### GTY/DUS ITEM CODE SIZE GT-PL1432 40 mm 32 40 19 60 23 21 233 12 / 72 pcs GT-PL1433 50 mm 75 30 28 337 49 12 / 72 pcs GT-PL1434 6 / 48 pcs 60 mm 41 59 19 87 10 38 36 434 GT-PL1435 70 mm 45 19 45 43 556 6/24 per 70 101

## PADLOCK LONG SQUARE TYPE

GEMBOK LEHER PANJANG TIPE KOTAK

ITEM CODE	SIZE	A.	2	3 Interes	-	S. Jeens	•	2 test	WEIGHT	QTY/DUS SECURESAS
GT-PL1436	40 mm	31	39	19	89	7	52	50	250	12 / 72 pcs
GT-PL1437	50 mm	38	50	19	104	10	59	57	382	12 / 72 pcs
GT-PL1438	60 mm	42	60	20	113	11	62	60	471	6 / 24 pcs

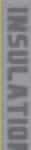


















### **HACKSAW BLADE**

MATA GERGAJI BESI

ITEM CODE	SIZE	1	3	WEIGHT	QTY/DUS REDUMESAR
GT-5B1483	18 TPI	315	12	19	100 / 4,000 pcs
GT-581484	24 TP1	315	13	19	100 / 4,000 pcs



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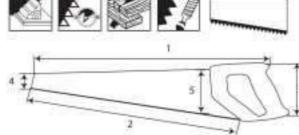
### **HAND SAW 2 TEETH**

GERGAJI KAYU 2 MATA

ITEM CODE	SEZR	() ()max	2 (mm)	3 inni	d .		WEIGHT	QTY / DUS
GT-H51556	18"	520	457	137	35	116	387	12/48 pcs
GT-H51557	20"	572	508	137	35	116	416	12/48 pcs



+ 2 Cutting Blades For Extra Sawing. · Fast Sawing For Soft Woods (Pine).



## HAND SAW 3 TEETH

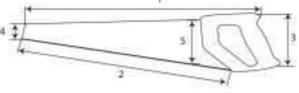
GERGAJI KAYU 3 MATA

ITEM CODE	2025	1	2	2	4	-	WEIGHT	QTY / DUS
GT-H51554	18"	515	457	128	35	116	430	12 / 48 pcs
GT-H\$1555	20"	965	508	128	35	116	468	12 / 48 pcs



- Tooth Tip Is Heat Treated By Ultra High Frequency. Hardened Area In Only At Cutting Edge Around Each Tooth, Softer Core Avaids Tooth Rippage.





## **FILE TERMINOLOGY**

### Coarseness







Second Cut

Smooth Cut

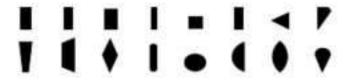
- Work to be accomplished, roughing or finishing will determine type of teeth and coarseness of each application
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut
- The degree of coarseness is greater in longer files, but differences between bastard, second and smooth are proportionate

### Lenght



- -Length is measured exclusive of tang, from point to heel, unless otherwise specified
- Desired stroke length, type of material and size will determine length required

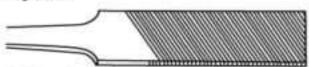
### Shape



- Area to be filed will determine specific cross-section (round, half-round.flat.etc.) to be used

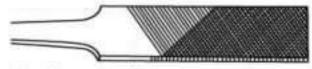
### Kind of Teeth

### Single Cut



- Single set of parallel, diagonal rows of teeth
- Single-cut files are often used with light pressure to produse a smooth surface finish or to put a keen edge on knives, shears or

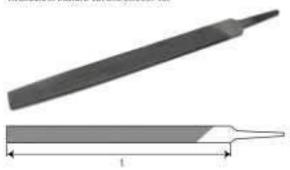
### Double Cut



- -2 set of diagonal rows of teeth
- Second set of teeth cut in opposite diagonal direction and on top of the first set
- First set of teeth is known as the overcut, second is known as upcut

### FLAT FILES

- · Used by machinists, machinery builders, ship and engine builders, repairman and others who required rapid removal of metal
- Rectangular in cross section and toper slightly towards point in width
- Dauble-cut on sides, single-cut on edges
- Available in bastard-cut and smooth-cut



TTEM	CODE	SIZE	(a)	QTY/DUS	
Bastard Cut	Smooth Cut		(Maril	MODREM	
GT-FB1525	GT-F51521	6*	150	24/240 pcs	
GT-FB1526	GT-F51522	8"	200	24 / 144 pcs	
GT-FB1527	GT-F51523	10"	250	12 / 96 pcs	
GT-FB1528	GT-F51524	12"	300	127 48 pcs	

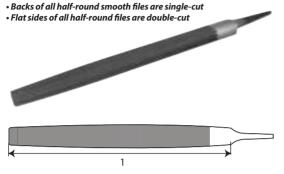


DOLS (\*) HEX HEY ((1) GENERAL ? SPECIAL (2) IN



Used on concave, convex and flat surfaces

- Rounded on 1 side, flat on opposite
- · Backs of all half-round bastard files are double-cut



### **HALF-ROUND FILES**

### KIKIR SETENGAH BULAT

ITEM	CODE	SIZE	1	QTY / DUS
Bastard - Cut	Smooth - Cut	JILL	(mm)	KECIL/BESAR
GT-HB1533	GT-HS1529	6"	150	24 / 240 pcs
GT-HB1534	GT-HS1530	8"	200	24 / 144 pcs
GT-HB1535	GT-HS1531	10"	250	12 / 96 pcs
GT-HB1536	GT-HS1532	12"	300	12 / 48 pcs

### **ROUND FILES**

### KIKIR BULAT

• Primarily used to file circular openings or concave surfaces

• All 4, 5, 6, 10, 12" files are single-cut



ITEM	CODE	SIZE	1	QTY / DUS
Bastard - Cut	Smooth - Cut	JILL	(mm)	KECIL/BESAR
GT-RB1541	GT-RS1537	6"	150	24 / 288 pcs
GT-RB1542	GT-RS1538	8"	200	24 / 240 pcs
GT-RB1543	GT-RS1539	10"	250	12 / 144 pcs
GT-RB1544	GT-RS1540	12"	300	12 / 96 pcs

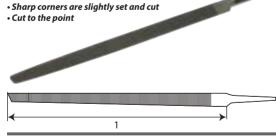
## **THREE SQUARE FILES**

### KIKIR SEGITIGA

• For general use by machinists for filling internal angles more
acute than right angles, cleaning out square corners and filling
taps and gutters
• Triangular shape

• Triangular shape

- Double-cut



ITEM CODE		SIZE	1	QTY / DUS
Bastard - Cut	Smooth - Cut	SILL	(mm)	KECIL/BESAR
GT-TB1549	GT-TS1545	6"	150	24 / 288 pcs
GT-TB1550	GT-TS1546	8"	200	24 / 240 pcs
GT-TB1551	GT-TS1547	10"	250	12 / 144 pcs
GT-TB1552	GT-TS1548	12"	300	12 / 96 pcs

## **TAPER SLIM FILES**

### KIKIR SLIM

ITEM CODE	SIZE	1 (mm)	QTY / DUS KECIL/BESAR
GT-ST1553	4"	100	24 / 480 pcs



