

**1** **Letter & Figure Punch Set**

Manufactured from finest grade carbon steel, furnished in black / grey finish.

Induction hardened to provide outstanding toughness & longer life even after repeated use & also to give a solid impression.

Stamping end is Hardened at 58-62 HRC.

Letter Sets consists of 27 sticks, A to Z with &.

Figure Sets consists of 9 sticks 0 – 8, No.6 is inverted to make No.9.



**Letter Punch Set**

Cat. No.	Cat. No.	Cat No.	Marking Punch Size	
Figure Punch	Letter Punch	Combination of Letter & Figure Punch Set	Inch	mm
FP-5001	LP-5021	LFP-5031	1/16	1.5
FP-5002	LP-5022	LFP-5032	3/32	2.3
FP-5003	LP-5023	LFP-5033	1/8	3
FP-5004	LP-5024	LFP-5034	5/32	3.9
FP-5005	LP-5025	LFP-5035	3/16	4.5
FP-5006	LP-5026	LFP-5036	1/4	6.4
FP-5007	LP-5027	LFP-5037	5/16	8
FP-5008	LP-5028	LFP-5038	3/8	9.5
FP-5009	LP-5029	LFP-5039	1/2	12.5



**Figure Punch Set**

**2** **Transfer Punch Set**

Ideally suitable for tool-makers & machinists. Punches are made of hardened & tempered tool steel with black oxide finish.

Set includes 28 punches ranging from 3/32" to 1/2" by 64ths plus handy 17/32" size.

Length – 4-7/8". Set includes an indexed stand.

Diameter .0025 undersize to facilitate use.



Cat. No.	Description
TPS-5200	28 Pcs. Transfer Punch Set

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**Long Drive Pin Punch - 8" (200mm)**

Manufactured from tool steel, hardened & center-less ground to withstand the hardest use. Knurled Body for better grip with black mottle finish.

Knurled body is 4.1/2" (114mm) long & the drive pin section is 3.1/2" (89mm) long. Tip Hardened to HRC 45 - 52.

Also available in half round head type for longer durability.

Available in individual sizes & also as a set of 5 pieces in attractive plastic pouch.

Cat. No.	Cat. No.	Punch Diameter	
		Inch	mm
DPP-5070	DPP-5076	1/8	3.2
DPP-5071	DPP-5077	3/16	4.5
DPP-5072	DPP-5078	1/4	6.4
DPP-5073	DPP-5079	5/16	8.0
DPP-5074	DPP-5080	3/8	9.5
DPP-5075	DPP-5081	5 PC Set - Consisting of One each from the above mentioned sizes.	



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**Drive Pin Punch – 4" (100mm)**

Tool steel punches are uniformly heat treated & center-less ground to withstand the hardest use.

4" long with knurled bodies for a better grip. Black mottle finish. Single piece make.

Available in individual sizes & also as a set of 8 pieces in attractive plastic pouch.

Cat. No.	Punch Diameter	
	Inch	mm
DPP-5091	1/16	1.5
DPP-5092	3/32	2.3
DPP-5093	1/8	3.2
DPP-5094	5/32	3.9
DPP-5095	3/16	4.5
DPP-5096	7/32	5.5
DPP-5097	1/4	6.4
DPP-5098	5/16	8
DPP-5099	8 PC Set - Consisting of One each from the above mentioned sizes.	



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**Nail Punch – Round Head**

Hardened & tempered tool steel with black mottle finish. Knurled body for better grip.

Available in individual sizes & also as a set of 5 pieces in attractive plastic pouch.



Cat. No.	Size Of Tip		Length		Body Dia.	
	Inch	mm	Inch	mm	Inch	mm
NPR-5100	1/16	1.5	4	100	3/8	9.5
NPR-5101	3/32	2.3	4	100	3/8	9.5
NPR-5102	1/8	3.2	4	100	3/8	9.5
NPR-5103	5/32	3.9	4	100	3/8	9.5
NPR-5104	3/16	4.5	4	100	3/8	9.5
NPR-5105	5 PC Set - Consisting of One each from the above mentioned sizes					

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**Nail Punch – Square Head**

Hardened & tempered tool steel with black mottle finish. Knurled body for a better grip.

Square Head design prevents the punches from rolling & also provides a larger face while striking.

Available in individual sizes & also as a set of 5 pieces in attractive plastic pouch.



Cat. No.	Size Of Tip		Length		Body Dia.	
	Inch	mm	Inch	mm	Inch	mm
NPS-5106	1/16	1.5	4	100	3/8	9.5
NPS-5107	3/32	2.3	4	100	3/8	9.5
NPS-5108	1/8	3.2	4	100	3/8	9.5
NPS-5109	5/32	3.9	4	100	3/8	9.5
NPS-5110	3/16	4.5	4	100	3/8	9.5
NPS-5111	5 PC Set - Consisting of One each from the above mentioned sizes					

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**Center Punch – Round Head**

Manufactured from tool steel, points are hardened & ground. Knurled body for a better grip. Black mottle finish.

Available in individual sizes & also as a set of 5 pieces in attractive plastic pouch.

Cat. No.	Dia. at Top of Tapered Point		Length		Body Dia.	
	Inch	mm	Inch	mm	Inch	mm
CPR-5120	1/16	1.5	3	75	1/4	6.4
CPR-5121	5/64	2	4	100	5/16	8
CPR-5122	3/32	2.3	4	100	5/16	8
CPR-5123	9/64	3.6	4	100	3/8	9.5
CPR-5124	5/32	3.9	4	100	3/8	9.5
CPR-5125	5 PC Set - Consisting of One each from the above mentioned sizes					



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**Center Punch – Square Head**

Manufactured from tool steel, points are hardened & ground. Knurled Body for a better grip. Black mottle finish.

Square head design prevents the punches from rolling & also provides a larger face while striking.

Available in individual sizes & also as a set of 5 pieces in attractive plastic pouch.

Cat. No.	Dia. at Top of Tapered Point		Length		Body Dia.	
	Inch	mm	Inch	mm	Inch	mm
CPS-5126	1/16	1.5	4	100	3/8	9.5
CPS-5127	5/64	2	4	100	3/8	9.5
CPS-5128	3/32	2.3	4	100	3/8	9.5
CPS-5129	9/64	3.6	4	100	3/8	9.5
CPS-5130	5/32	3.9	4	100	3/8	9.5
CPS-5131	5 PC Set - Consisting of One each from the above mentioned sizes					



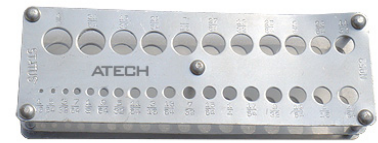
**9** **Drill Stand**

Manufactured from aluminum, tough drill stand has easy to read raised & marked number index for 29 bits.

Takes Drills 1/16" – 1/12".

Metric 1mm – 10mm.

Cat. No.	Drill Size
	Inch
ADS-5045	1/16 - 1/2



**10** **Allen Keys**

These are manufactured from alloy steel.

Properly heat treated.

Cat. No.	Sets	Range
AK-5050	10 Pcs. Set	Size In mm - 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8 & 10
AK-5051	10 Pcs. Set	1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16" & 3/8"



**11** **Swivel Head Pin Vise**

Have two double-end collets with a large free wheeling swivel head being at one end.

Reversible with two size capacities at each end & either end can be used to suit work requirements.

Screw chuck tightly holds small drills, burrs, wire & miniature tools. Precision made with nickel-plated finish.



Cat. No.	Capacity		Overall Length	
	Inch	mm	Inch	mm
PV-5060	0 to 1/8	0 to 3.2	3-3/4	94

## 12 General Purpose Punch Set

Hardened & ground body for a longer tool life. Knurled body for a better grip.

Body length - 4" (100 mm) with black mottle finish.

Available as a set of 3 pieces in attractive plastic pouch.

Cat. No.	Cat. No.	Description	Range / Type Of Punch
Round Head	Square Head		
GPP-5085	GPP-5086	3 PC Set	Center Punch - 3/16" (4.5 mm)
			Solid Punch / Pin Punch - 1/8" (3.2 mm)
			Prick Punch - 1/32" (.79 mm)



## 14 Automatic Center Punch

Fully automatic single hand operation.

Hardened & ground punch point. Heavy knurled body for better grip with a black mottle finish.

The depth of the impression is variable & can be adjusted by turning the knurled top.

Used for marking, punching & riveting.

Cat. No.	Body Length		Body Diameter	
	Inch	mm	Inch	mm
ACP-5140	5	127	5/8	16



## 15 Nail Puller

Manufactured from high carbon steel, powder coated.

For pulling out of nails, available with or without grip.

Both ends are properly heat treated.

Cat. No.	Length	Hex
	Inch	mm
NP-5260	12	12
NP-5261	12	14
NP-5262	18	16



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**C Clamp - Drop Forged**

Drop forged steel clamp with strong ribbed body.

General purpose clamp for application in metal, working, fabrication & welding works.

Quality steel screws & drop handles.

Cat. No.	Capacity	
	Inch	mm
CC-5215	2	50
CC-5216	3	75
CC-5217	4	100
CC-5218	6	150
CC-5219	8	200
CC-5220	12	305



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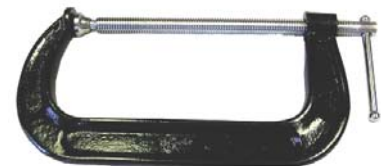
**C Clamp – Malleable**

Manufactured from malleable casting. Heavy duty swivel head screw.

General purpose carriage clamps for woodworking or light metal fabrication where the strength of a drop forged clamp is not required.

V-slot in the anvil permits clamping small rounds or on corners.

Cat. No.	Capacity	
	Inch	mm
CC-5225	2	50
CC-5226	3	75
CC-5227	4	100
CC-5228	6	150
CC-5229	8	200
CC-5230	10	250
CC-5231	12	300



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**Wrecking Bars**

Manufactured from high carbon steel, powder coated.

For opening of wooden cases, packing boxes. Dismantling of wooden crates.

Both ends are properly heat treated.

Cat. No.	Length		Hex
	Inch		mm
WB-5240	12		12
WB-5241	18		16
WB-5242	24		16
WB-5243	18		18
WB-5244	24		18
WB-5245	30		18
WB-5246	36		18
WB-5247	24		22
WB-5248	36		22
WB-5249	48		25
WB-5250	60		25



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**Flat Chisels**

Manufactured from high carbon steel, chrome plated finish.

Most useful for working on stones & chipping of reinforced concrete.

Cat. No.	Length		Hex
	Inch	mm	Inch
FC-5265	6	150	10
FC-5266	6	150	12
FC-5267	6	150	16
FC-5268	8	200	18
FC-5269	8	250	22
FC-5270	12	300	25

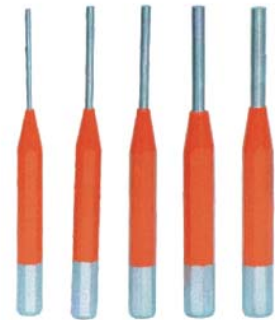




## 20 Pin Punch Set - 6" ( Hex / Octagonal )

Manufactured from high carbon steel, powder coated.

Cat. No.	Pin Dia.	
	Inch	mm
PPS-5276	1/8	3
PPS-5277	5/32	4
PPS-5278	3/16	5
PPS-5279	1/4	6
PPS-5280	5/16	8



## 21 Chisel & Punch Set – 6"

Manufactured from high carbon steel, powder coated.

Six pieces set comprising of three chisels, one center punch, one nail punch & one pin punch.

Cat. No.	Set Comprising Of	mm
CPS-5290	3 Chisels	10 x 150 x 10
		12 x 150 x 12
		16 x 150 x 16
	1 Center Punch	12 x 150 x 5
	1 Nail Punch	10 x 150 x 5
1 Pin Punch	12 x 150 x 5	



## 22 Wooden Hand Vise

Good quality wooden handle with wing nut adjustment.

Very useful for model makers, jewelers, tool makers, machine shops & for general assembly work.



Cat. No.	Jaw Opening		Jaw Width		Total Length	
	Inch	mm	Inch	mm	Inch	mm
WHV-5295	5/8	16	1	25	6-1/2	165