

Welder (NCVT) Specifications

1. Welding helmet fiber



1.1 Material- Fiber/ Plastic

1.2 Size- 100 x 80 mm

1.3 Glass fitted with screw type fastener.

1.4 Color-Black

1.5 Head type-adjustable ratchet head gear type.

Welder (NCVT) Specifications

2. Welding hand shield fiber



2.1 Material- Fiber/ Plastic

2.2 Size- 100 x 80 mm

2.3 Glass fitted with screw type fastener.

2.4 Color-Black

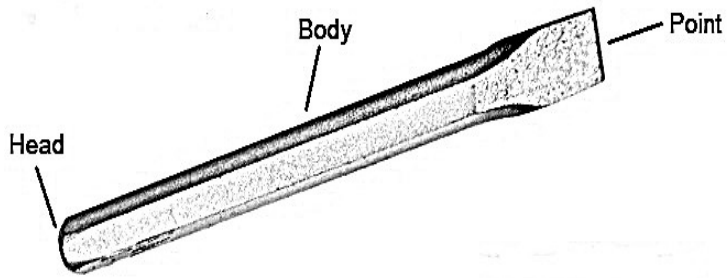
2.5 Handle-Plastic handle with screw fitting

3. Chipping hammer



- 3.1 Material of chipping chisel- High carbon steel**
- 3.2 Materials of Handle- Mild steel**
- 3.3 Spring material-Mild steel**
- 3.4 Chisel size- 150 mm length 20 mm width**
- 3.5 Chisel angle -60 degree**
- 3.6 Handle dia- 10 mm**
- 3.7 Chisel type- double ended (flat and diamond point)**

4. Chisel cold Flat



4.1 length 200 mm.

4.2 width size - 25 mm

4.3 thickness - 11 mm

4.4 cutting edge angle – 60 degree

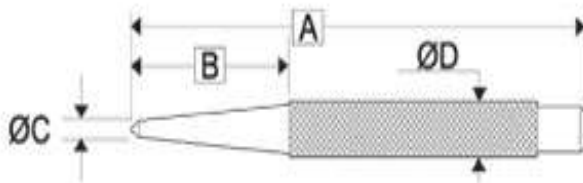
4.5 material - high carbon steel

4.6 cutting application – cold metals

4.7 point – hard and tempered

4.8 Body type - hexagonal

5. Centre punch



5.1 length - (A = 100 mm)

5.2 punch tip length - (B = 26.5 mm)

5.3 tip diameter - (C = 3 mm)

5.4 Diameter - (D = 10 mm)

5.5 point angle - 90 degree

5.6 weight - 50 gm

5.7 finishing - black phosphate

5.8 material- high carbon steel

5.9 body type - Diamond knurled

5.10 type - center punch

6. Dividers



6.1 Material- Stainless Steel

6.2 Size- 200 mm

6.3 Opening- spring type head

6.4 Closing- screw type

6.5 Point- diamond point

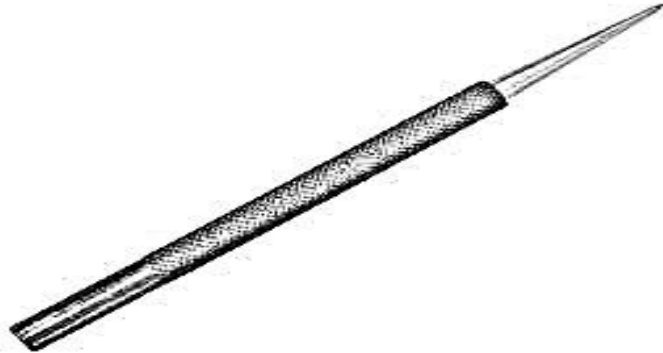
7. Stainless steel rule

30cm



- 7.1 Length - 300 mm
- 7.2 thickness- 1 mm minimum
- 7.3 width -25 mm
- 7.4 material -stainless steel
- 7.5 graduated both in English & metric units
- 7.6 surface- Rust resist finish
- 7.7 least count – 0.5 mm

8. Scriber



8.1 length- 200 mm

8.2 Diameter – 4.5 mm

8.3 Point Angle-30 degree

8.4 Type – Marking tool

8.5 material- high carbon steel

8.6 single ended

8.7 Heat-treated and tempered

8.8 body type – knurled

9. Flat Tongs



9.1 Materials-forged Mild steel

9.2 Length- 350 mm

9.3 Jaw opening- 75 mm

9.4 Thickness- 15 mm

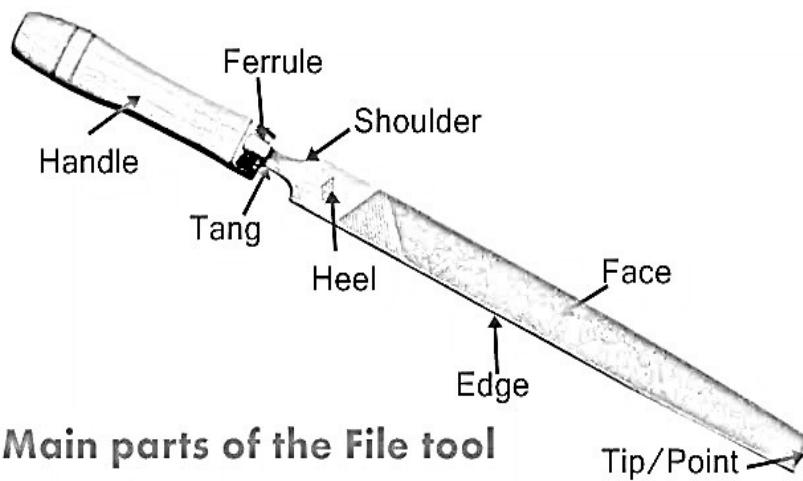
9.5 Joint- rivet type

10. Hack saw frame



- 10.1 Frame materials- Mild steel conduit pipe
- 10.2 Frame type- Adjustable 250 and 300 mm
- 10.3 Wing nut dia-10 mm
- 10.4 Power source – hand powered
- 10.5 Power type - Manual
- 10.6 item weight – 500 gm
- 10.7 handle material – mild steel
- 10.8 product type – cutting tool
- 10.10 conduit pipe size – 15 mm
- 10.10 handle size – 6 inch
- 10.11 handle-Inbuilt with rubber insulation

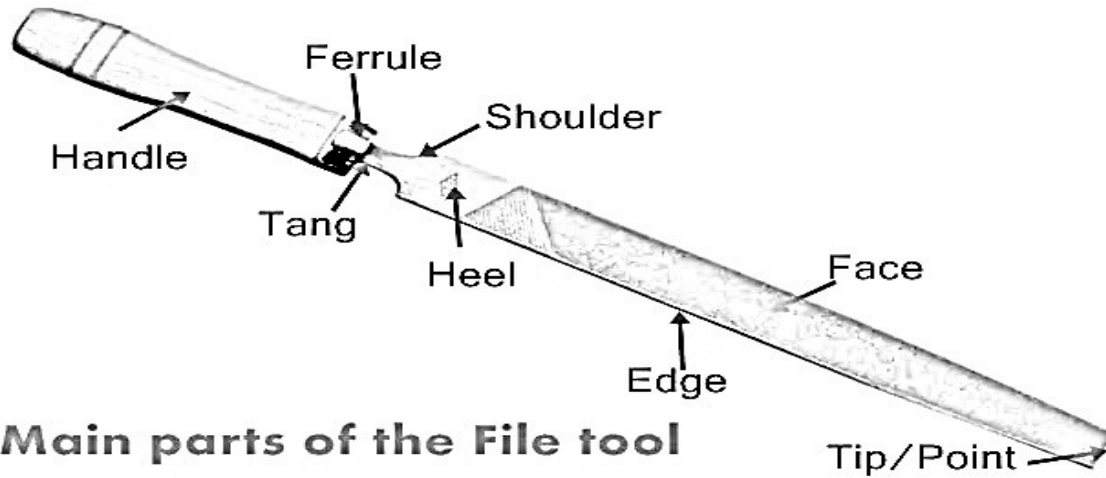
11. File half round



Main parts of the File tool

- 11.1 File Length-300 mm
- 11.2 File Materials-High carbon steel
- 11.3 Shape- Half round
- 11.4 Grade- Rough
- 11.5 Cut Type- Double cut
- 11.6 Width-29 mm
- 11.7 Handle Material- Wooden
- 11.8 handle length – 100 mm

12. File half round



Main parts of the File tool

12.1 File Length-300 mm

12.2 File Materials-High carbon steel

12.3 Shape- Flat

12.4 Grade- Rough

12.5 Cut Type- Double cut

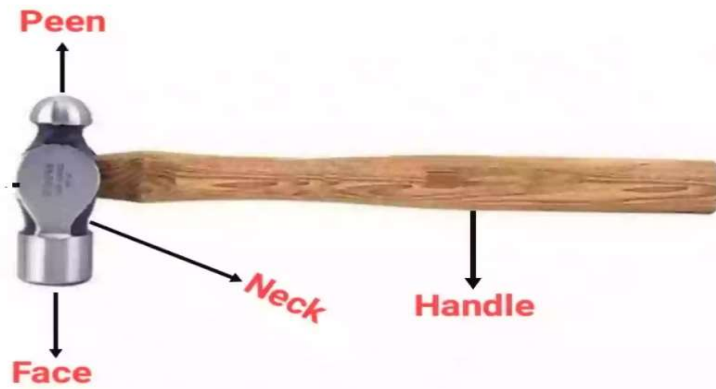
12.6 Width-29 mm

12.7 Thickness- 8 mm

12.8 Handle Material- Wooden

12.9 handle length – 100 mm

13. Hammer ball pane



- 13.1 Total length = 315 mm
- 13.2 Height = 90 mm
- 13.3 Peen size = 26 mm
- 13.4 Face size = 28 mm
- 13.5 handle length - 250 to 300 mm
- 13.6 weight-1 Kg
- 13.7 Hammer material – carbon steel
- 13.8 handle material - rose wood

14. Tip Cleaner



- 14.1 Reamer Materials- Stainless steel
- 14.2 Case materials- GI sheet box type
- 14.3 Reamer size- 6 to 26 no.(nozzle size)
- 14.4 Reamer count- 13 pieces
- 14.5 Reamer shell-Aluminum

15. Try square



- 15.1 Size-150 mm
- 15.2 Blade Materials- Stainless steel
- 15.3 Stock Materials- High carbon steel
- 15.4 Application- 90 degree check
- 15.5 Graduation- mm , cm and inches

16. Spindle Key



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- 16.1 Materials- Stainless Steel
 - 16.2 Spindle length- 30 mm
 - 16.3 Spindle dia- 20 mm
 - 16.4 Handle length- 150 mm
 - 16.5 Opening- double ended
 - 16.6 Handle dia-12 mm

17. Screw Driver



- 17.1 Materials- chrome vanadium steel
- 17.2 Length- 300 mm
- 17.3 Tip size- 10 mm
- 17.4 Blade Dia- 10 mm
- 17.5 Handle materials- Plastic

18. Number Punch



18.1 Size- 8 cm length, 8 mm width

18.2 Letter size- 6 mm

18.3 Materials- High carbon steel

18.4 Packing- in plastic case

19. Letter Punch



- 19.1 Size- 8 cm length, 8 mm width
- 19.2 Tip size- 6 mm
- 19.3 Materials- High carbon steel
- 19.4 Packing- in plastic case

20. Magnifying Glass



- 20.1 Size-100 mm dia glass
- 20.2 Fitting- in Bakelite case
- 20.3 Handle size-150 mm
- 20.4 Glass Type- Convex
- 20.5 Zoom- 5x

21. Universal Weld measuring gauge



- 21.1 Materials-Stainless steel
- 21.2 Graduation- mm
- 21.3 Application- Fillet, butt weld
- 21.4 Use- Adjustable screw
- 21.5 Packing-In leather case
- 21.6 Max size- 75 mm

22. Spanner Set 6-32 Double ended



22.1 Material- Chrome vanadium steel

**22.2 Size- 6 x 7 mm, 8 x 9 mm, 10 x 11 mm,
12 x 13 mm, 14 x 15 mm, 16 x 17 mm,
18 x 19 mm, 20 x 22 mm, 21x 23mm,
24 x 27mm, 25 x 28mm, 30 x 32mm**

22.3 Packing- In Plastic Case

23. C-Clamp



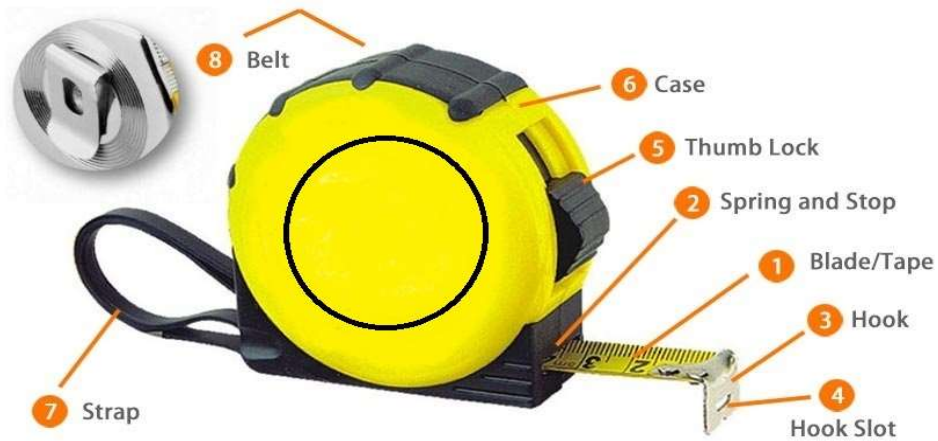
- 23.1 Materials-Forged mild Steel
- 23.2 Jaw Size- 12 inch and 15 inch
- 23.3 Clamp size 25 mm width with 5 mm thickness
- 23.4 Spindle dia- 15 mm
- 23.5 Spindle thread – Taper
- 23.6 Spindle jaw size- dia 25 mm
- 23.7 Spindle Handle size- dia 12 mm length 100 mm

24. Sledge Hammer 4 Kg



- 24.1 Material- Forged grain steel
- 24.2 Size- Dia 50-60 mm, length 170-180 mm
- 24.3 Weight – 4 kg
- 24.4 Handle- Wooden 14 inch

25. Stainless Steel Tape 5 meter



- 25.1 Tape length- 5 meter
- 25.2 Tape Printing- Inches, cm, mm
- 25.3 Tape material- Flexible spring steel
- 25.4 Tape – width - 12 mm
- 25.5 Tape case material - PVC
- 25.6 Tape opening - Spring type
- 25.7 Hook material – chromium plate

26. High Pressure gas welding Torch with Nozzle



- 26.1 Materials- Brass
- 26.2 Size- 30 cm
- 26.3 Handle-Knurled
- 26.4 Hose Pipe fitting – ¼ inch, ½ inch with brass nut
- 26.5 Pressure Control- Screw type
- 26.6 Color Coding- On pressure adjusting screw
- 26.7 Nozzle size- 2,3,6,13,20,30
- 26.8 Application- Oxy-acetylene Gas Welding

Welder (NCVT) Specifications

27. Oxygen Regulator Double Stage



- 27.1 Materials- Brass
- 27.2 Type- Double stage
- 27.3 Gauge- Double Gauge (Cylinder pressure and working pressure)
- 27.4 Connection- Right hand thread 3/8 inch
- 27.5 Control- Pressure adjusting Screw
- 27.6 Safety- Safety relief valve
- 27.7 Gauge Reading- 100 Bar, 280 psi
- 27.8 Diaphragm spring Material- Brass
- 27.9 Packing- In wooden case

28. Acetylene Gas Pressure Regulator



- 28.1 Materials- Brass
- 28.2 Type- Double stage
- 28.3 Gauge- Double Gauge (Cylinder pressure and working pressure)
- 28.4 Connection- Left hand thread 3/8 inch
- 28.5 Control- Pressure adjusting Screw
- 28.6 Safety- Safety relief valve
- 28.7 Gauge Reading- 10 Bar, 60 psi
- 28.8 Diaphragm spring Material- Brass
- 28.9 Packing- In wooden case

29. CO2 Gas pressure Regulator



- 29.1 Materials- Stainless steel
- 29.2 Type- Double stage
- 29.3 Heater- Inbuilt
- 29.4 Heater temperature -0-100 degree
- 29.5 Heater input voltage- 100 W
- 29.6 Pressure- 0-65 BAR
- 29.7 Flow meter- Attached
- 29.8 Flow meter Body- Transparent Plastic
- 29.9 Connection- 3/8 and 5/8 inch
- 29.10 Gauge- Double

30. Argon Gas pressure regulator



- 30.1 Materials- Brass
- 30.2 Type- Single stage
- 30.3 Gauge- Double Gauge (Cylinder pressure and working pressure)
- 30.4 Connection- Left hand thread 3/8 inch
- 30.5 Control- Pressure adjusting Screw
- 30.6 Safety- Safety relief valve
- 30.7 Gauge Reading- 25 Bar, 100 psi
- 30.8 Diaphragm spring Material- Brass
- 30.9 Packing- In wooden case
- 30.10 Flow meter- Attached
- 30.11 Flow meter Body- Transparent Plastic
- 30.12 Connection- 3/8 and 5/8 inch

Welder (NCVT) Specifications

31. Metal Rack



- 31.1 Size- 182 cm x 152 cm x 45 cm
- 31.2 Frame Material- Mild steel angle iron 40x40x5 mm
- 31.3 Frame sport material- Mild steel Flat 25x5 mm
- 31.4 Shelf Sheet- Mild steel sheet 16 swg
- 31.5 Important- Must fabricate in welder workshop in ITI

32. First Aid Box



- 32.1 Size- 18x12x4 inch
- 32.2 Materials- Made by 22 swg MS sheet
- 32.3 Door- ms sheet with 12x8 inch glass
- 32.4 Lock- inbuilt
- 32.5 Mounting- wall mounting with four screw
- 32.6 Shelves – three
- 32.7 Logo- pasted first aid logo

33. Steel lockers with 8 Pigeon holes



- 33.1 Material : GI Sheet 20 swg
- 33.2 Size : 72 inch (L) X 39 inch (D) X 18 inch depth
- 33.3 Total No. of Lockers : 8
- 33.4 Locker handle- stainless steel
- 33.5 Lock- Inbuilt with padlock option
- 33.6 Stand- Attached 5 inch pillar
- 33.7 Body Coating- powder coating

34. Steel almirah / cupboard



- 34.1 Size- 78x36x19 inch
- 34.2 Material- GI sheet 20 swg
- 34.3 Door- 2 door
- 34.4 Lock- inbuilt double lock
- 34.5 Shelf- Four
- 34.6 Handle- stainless steel
- 34.7 Pillar – 4 inch attached
- 34.8 Color- powder coating

Welder (NCVT) Specifications

35. Black board with easel



- 35.1 Size- 6x4 feet
- 35.2 Frame- aluminum Fixed
- 35.3 Mounting- Wall mounting
- 35.4 Safety- Board fixed on GI sheet
- 35.5 Edge safety- plastic bracket
- 35.6 With chalk holder

Welder (NCVT) Specifications

36. Flash back arrester (torch mounted)



- 36.1 Size- 100 mm length
- 36.2 Connection –double ended
- 36.3 Material- Brass Alloy
- 36.4 Safety- Non return valve spring loaded
- 36.5 Type- two for oxygen and two for Fuel gas
- 36.6 Mounting- Torch

Welder (NCVT) Specifications

37. Flash back arrester (Cylinder mounted)



- 37.1 Size- 100 mm length
- 37.2 Connection –double ended
- 37.3 Material- Brass Alloy
- 37.4 Safety- Non return valve spring loaded
- 37.5 Type- two for oxygen and two for Fuel gas
- 37.6 Mounting- Cylinder

Welder (NCVT) Specifications

38. Multi angle magnetic clamp set Metal base (18x10x10 cm)



- 38.1 Size- 100-150 mm
- 38.2 Angle – 30,45,60,75,90,120 degree
- 38.3 Material- 16 swg GI sheet
- 38.4 Color- Powder coating
- 38.5 Magnet- Inbuilt
- 38.6 Magnet fixing- By rivet
- 38.7 Center hole- 20 mm dia
- 38.8 Total Piece- 6 Nos.

Welder (NCVT) Specifications

39. AC Welding Transformer 300 Amp.



- 39.1 Input power- 415 V, 50 Hz
- 39.2 AC rated Input Current- 60-70 Amps
- 39.3 Rated Kva Max- 30
- 39.4 Welding current range- 50-300 Amp
- 39.5 Open circuit voltage- 80 V
- 39.6 Welding Current control Type- Regulator
- 39.7 Insulation class- H
- 39.8 Winding- Copper
- 39.9 Cooling- Air cool
- 39.10 Display- Digital (Volt and Amp. Both)
- 39.11 Arc control Switch- Yes (Fine and Course)
- 39.12 Connection- Copper
- 39.13 Type- Four tier movable
- 39.14 Accessories – 5 meter welding cable, Electrode holder, Hand screen, earth clamp

40. Inverter based welding machine (IGBT)



- 40.1 Input power- 220 V, 50 Hz
- 40.2 AC rated Input Current- 60-70 Amps
- 40.3 Rated Kva Max- 7
- 40.4 Welding current range- 50-300 Amp
- 40.5 Open circuit voltage- 80 V
- 40.6 Welding Current control Type- Regulator
- 40.7 Winding- Copper
- 40.8 Cooling- Air cool
- 40.9 Display- Digital (Volt and Amp. Both)
- 40.10 Connection- Copper
- 40.11 Power factor- 0.9
- 40.12 Duty cycle-200A
- 40.13 Accessories – 5 meter welding cable, Electrode holder, Hand screen, earth clamp

41. D.C Arc welding rectifiers



- 41.1 Input power- 415 V, 50 Hz
- 41.2 AC rated Input Current- 60-70 Amps
- 41.3 Rated Kva Max- 25
- 41.4 Welding current range- 50-300 Amp
- 41.5 Open circuit voltage- 80 V
- 41.6 Welding Current control Type- Regulator
- 41.7 Winding- Copper
- 41.8 Cooling- Air cool
- 41.9 Display- Digital (Volt and Amp. Both)
- 41.10 Base- Diode based silicon coated
- 41.11 Duty cycle-200A
- 41.12 Accessories – 5 meter welding cable, Electrode holder, Hand screen, earth clamp

Welder (NCVT) Specifications

42. GMAW Machine 400 Amp



- 42.1 Technology-Inverter Base
- 42.2 Phase- 3 415 V, 50 Hz
- 42.3 Operating Mode-2T,4T
- 42.4 Welding Voltage-15-40 V
- 42.5 Input Power (100 % Duty Cycle)-12 KVA
- 42.6 Welding Current range- 50-400 Amp
- 42.7 OCV-65 V
- 42.8 Winding-Copper
- 42.9 Cooling- Air cooled
- 42.10 Display- Digital
- 42.11 Connection- Copper Nut Bolt type
- 42.12 Movable – On Four attached tire
- 42.13 AC supply output socket- For Co2 regulator
- 42.14 Gas Check -OCV Button
- Wire feeder-
- 42.15 Current control- Regulator type
- 42.16 Wire feeder Motor- DC
- 42.17 Wire feeder Roller- 4 roller
- 42.18 Wire feed speed- 1.5 to 18 meter per minute
- 42.19 Welding Wire dia- 0.8,1.0,1.2,1.6 mm
- 42.20 Wire feeder motor- Permanent Magnet 40-45 Volt
- MIG Torch Set
- 42.21 Complete torch 400 amp range
- 42.22 Cooling- air cooled
- 42.23 Wire capacity-0.8,1.0,1.2,1.6 mm

43. AC/DC GTAW welding machine



- 43.1 Input power- 415 V, 50 Hz
- 43.2 AC rated Input Current- 60-70 Amps
- 43.3 Rated Kva Max- 25
- 43.4 Welding current range- 50-300 Amp
- 43.5 Open circuit voltage- 80 V
- 43.6 Welding Current control Type- Regulator
- 43.7 Polarity- DCSP and DCRP
- 43.8 Winding- Copper
- 43.9 Cooling- Air cool
- 43.10 Display- Digital (Volt and Amp. Both)
- 43.11 Base- Diode based silicon coated
- 43.12 Duty cycle-200A
TIG Torch Set
- 43.13 Complete TIG torch set 10 feet.
- 43.14 With all consumable

44. Air Plasma cutting equipment



- 44.1 Input Voltage -AC Supply- 400Volt $\pm 10\%$, 3-Phase, 50Hz
- 44.2 Maximum Connecting Load- 18 kVA
- 44.3 Plasma Gas -Compressed Air
- 44.4 Plasma Gas Pressure- 5 ± 2 Bar
- 44.5 Minimum Cutting Current - 30 ± 10 Ampere
- 44.6 Maximum Cutting Current- 120 ± 20 Ampere
- 44.7 Duty Cycle – 1 Minimum 35% at 120 Ampere
- 44.8 Duty Cycle – 2 100% at 80 Ampere or Higher
- 44.9 Recommended Cutting Thickness- 30 mm
- 44.10 Welding Current control Type- Regulator
- 44.11 Winding- Copper
- 44.12 Cooling- Air cool
- 44.13 Display- Digital (Volt and Amp. Both)
- 44.14 Connection- Copper
- 44.15 Power factor- 0.8
- Cutting Torch-
- 44.16 Length- 10 feet with all consumable
- 44.17 Cooling- Air cooled

Welder (NCVT) Specifications

45. Air compressor suitable for air plasma cutting system



- 45.1 Tank Capacity- 200 Liter
- 45.2 Motor capacity- 5 HP
- 45.3 Air pressure-40 BAR , 175 psi
- 45.4 Air filling system- Reciprocating Type pump
- 45.5 Reading- Two stage (Tank pressure and working pressure)
- 45.6 Safety- Auto cut switch and Safety valve
- 45.7 Movable- 8 inch tire

Welder (NCVT) Specifications

46. Auto darkening welding Helmet



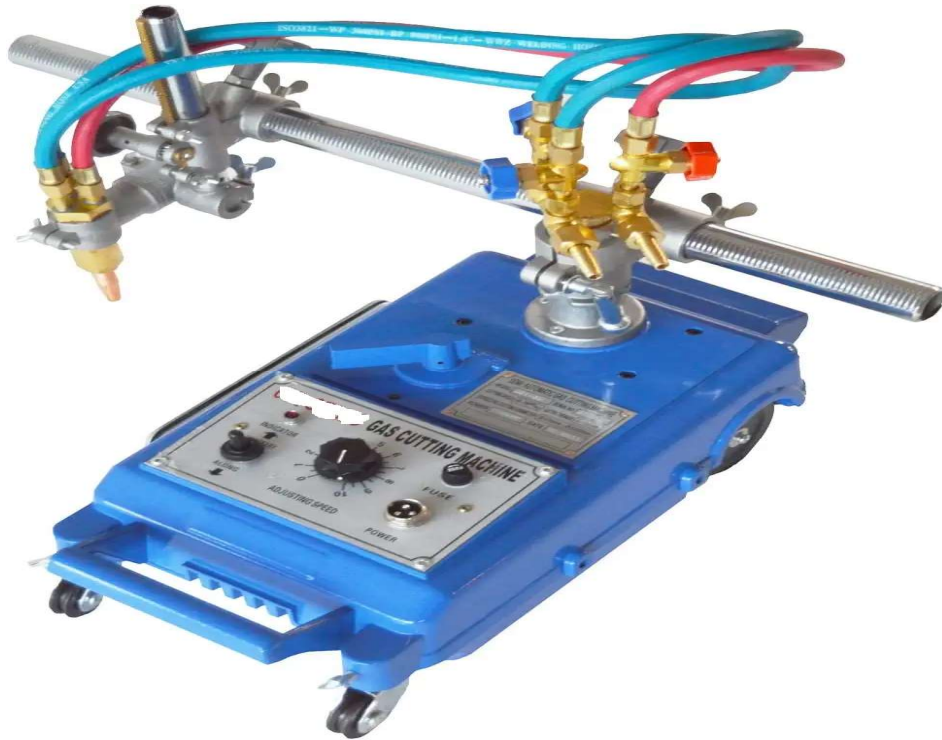
- 46.1 Material- Plastic
- 46.2 Size- Medium
- 46.3 Head fitting- screw type fitting
- 46.4 Viewing area- 92x42 mm
- 46.5 Operating Temp- -5 to 55 degree
- 46.6 Glass- Fully automatic
- 46.7 Glass input power- AAA Battery with solar charging system
- 46.8 Function- Timer and DIN setting button

47. Spot welding machine



- 47.1 Input Power- 3 phase, 415 V, 50 Hz
- 47.2 Size- 5 feet height
- 47.3 Operation- Paddle type
- 47.4 Winding- Copper
- 47.5 Electrode material- Copper
- 47.6 Electrode dia- 25 mm
- 47.7 Electrode connection- Copper
- 47.8 Current Control- Regulator type
- 47.9 Display- Digital (Volt and Amp)
- 47.10 Mounting- Floor mounting
- 47.11 Input Voltage- 8 KVA
- 47.12 Cooling Type- Air cool
- 47.13 Weld capacity- 5 mm thick sheet

48. Portable Gas cutting Machine



- 48.1 Moving control- Electric motor
- 48.2 Material- Pressed steel
- 48.3 Cutting application- straight and round
- 48.4 Cutting attachment- yes (Steel rail 2meter long)
- 48.5 Adjustment- Screw type
- 48.6 Base- Heavy electric control
- 48.7 Nozzle material- Copper alloy
- 48.8 Nozzle attachment Rod- Stainless steel
- 48.9 Cutting range- 25 mm thickness
- 48.10 Cutting speed max- 1 meter per minute
- 48.11 Safety- flash back arrester
- 48.12 Connection range-3/8 and 5/8 inch
- 48.13 Accessories- 5 extra nozzle ,Tool kit, 2 meter hose pipe both

Welder (NCVT) Specifications

49. Pedestal grinder fitted with coarse and medium grain size grinding wheels



- 49.1 Wheel size- 14 inch
- 49.2 Phase- three
- 49.3 Motor capacity- 2 HP
- 49.4 RPM- 1800
- 49.5 Grinding Attachment- Mild steel with bolt tight
- 49.6 Base materials- Cast iron
- 49.7 Safety- Safety glass fitted
- 49.8 Control- Push switch
- 49.9 Weight- Total approx 150 kg
- 49.10 Wheel safety- Cast iron cover
- 49.11 Mounting- Floor

Welder (NCVT) Specifications

50. Bench grinder fitted with fine grain size silicon carbide green grinding wheels



- 50.1 Wheel size- 6 inch
- 50.2 Phase- single
- 50.3 Motor capacity- 1 HP
- 50.4 RPM- 1800
- 50.5 Grinding Attachment- Mild steel with bolt tight
- 50.6 Base materials- Cast iron
- 50.7 Safety- Safety glass fitted
- 50.8 Control- Push switch
- 50.9 Wheel safety- mild steel sheet cover
- 50.10 Mounting Bench

51. AG4 Grinder



- 51.1 Grinding Disk diameter- 100 mm
- 51.2 Body material- Plastic
- 51.3 Rated input Power- 650 W
- 51.4 No load RPM- 4500
- 51.5 Spindle Thread- 10 mm
- 51.6 Safety – Safety cover
- 51.7 Handle-5 inch
- 51.8 Handle fitting- Screw type both side
- 51.9 Cord wire- 2 meter
- 51.10 Phase- single phase

Welder (NCVT) Specifications

52. Gas welding Table



52.1 Size- 3x25.x2 feet

52.2 Frame- MS angle 40x40x5 mm

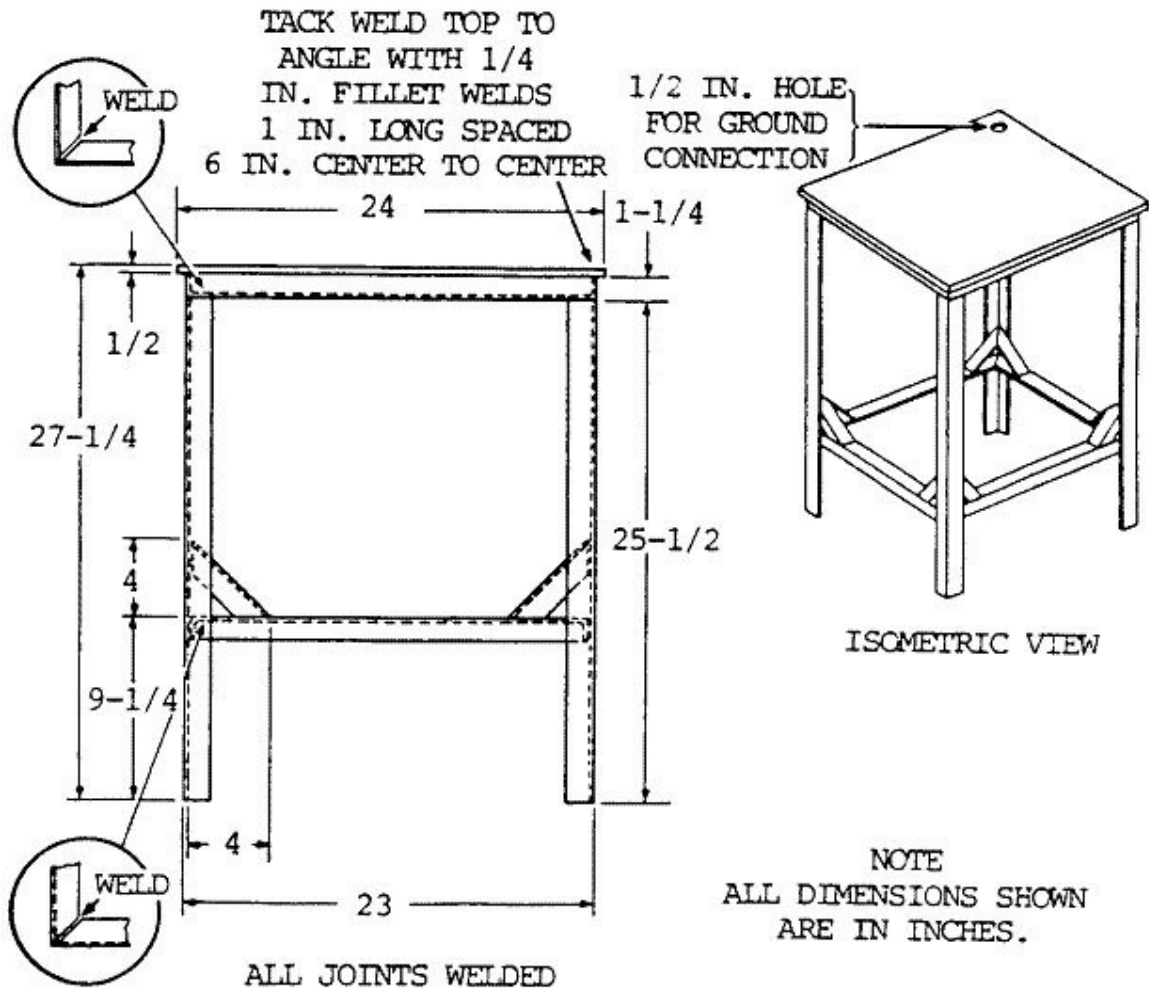
52.3 Top- MS sheet 16 swg 1 feet x 2 feet

52.3 Top welding- MS flat 25x 5 mm with 10 mm gap

52.4 Positioner-3G,5G,6G

Welder (NCVT) Specifications

53. Arc welding Table



53.1 Size- 3x25.x2 feet

53.2 Frame- MS angle 40x40x5 mm

53.3 Top- MS sheet 16 swg

53.4 Box- Small Tool Holder Box

53.5 Positioner-3G,5G,6G

54. Cylinder Trolley



- 54.1 Cylinder Trolley- Two cylinder capacity
- 54.2 Material of frame- M.S. pipe dia 25mm x WT 16SWG
- 54.3 Material base - M.S. angle 35x35x6mm
- 54.4 Base covered by- MS sheet 16 swg
- 54.5 Wheel - 2 wheel
- 54.6 Wheel dia- 8 inch
- 54.7 Wheel material- Heavy duty metal rim with rubber tire
- 54.8 Cylinder safety- Metal chain with lock

55. Hand shearing machine capacity



- 55.1 Material- Cast Iron
- 55.2 Size- 16 inch blade
- 55.3 Handle length- 4 feet
- 55.4 Operation- Screw type cutting
- 55.5 Safety- Cutting lock
- 55.5 Weight- 35-40 kg
- 55.6 Blade angle- 87 degree
- 55.7 Cutting capacity max- 5 mm

56. Power saw machine



- 56.1 Size- 18 inch
- 56.2 Cutting capacity- 3 inch thickness
- 56.3 Motor- 3 phase
- 56.4 Motor- 3 HP
- 56.5 Cutting Control- Hydraulic lever
- 56.6 Cutting Vice- 250 mm opening Inbuilt
- 56.7 Operation- Belt operated
- 56.8 Coolant- Water auto rotation
- 56.9 Base/ Head material- Cast iron
- 56.10 Weight- 200 kg approx
- 56.11 Accessories –Oil cane 250 ml, Tool kit for machine maintenance

57. Power Drilling Machine Portable



- 57.1 Type- AC single phase 230 V, 50 Hz
- 57.2 Operation- Drilling
- 57.3 Rotation- Clockwise only
- 57.4 RPM- 2500
- 57.5 Drilling Capacity-0-10 mm
- 57.6 Winding- Copper
- 57.7 Drill Chuck Materials- High carbon steel
- 57.8 Chord wire- 2 meters
- 57.9 Safety-Automatic safe clutch
- 57.10 Bit fitting- Chuck key

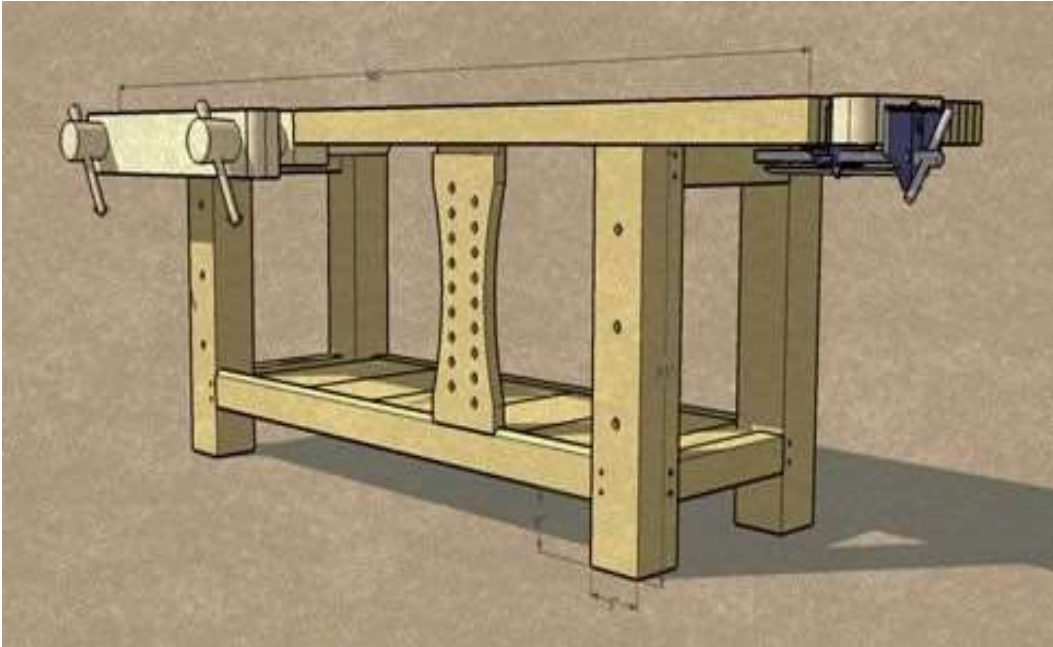
58. Electrode drying Oven



- 58.1 Capacity – 10 kg
- 58.2 Shelf- three
- 58.3 Temperature – 110 degree
- 58.4 Fix Temp. setting- Yes
- 58.5 Phase- single
- 58.6 Size- 24x24x24 inch
- 58.7 Oven material- MS sheet 18 swg
- 58.8 Auto cut- Yes

Welder (NCVT) Specifications

59. Workbench



59.1 Size- 8x4x2.5 feet

59.2 Frame Materials - MS angle 50x50x10 mm

59.3 TOP- Wooden 50 mm Thick

59.4- Legs- MS pipe 50x50x3

Bench Vice

59.5 Size- 150 mm Jaw

59.6 Material- Cast Iron

59.7- Spindle- 25 mm dia square thread

59.8 Handle- 15 mm dia stainless steel 10 inch long

59.9 Box nut- Gun metal

Welder (NCVT) Specifications

60. Oxy-Acetylene Gas cutting Blow Pipe



- 60.1 Material- Brass
- 60.2 Handle- Bakelite
- 60.3 Size- 500 mm
- 60.4 Cutting range- 5-- mm to 100 mm
- 60.5 Head angle-90 degree
- 60.6 Input connection- 3/8" (RH) 3/8" (LH)
- 60.7 Extra lever- Oxygen lever with stopper
- 60.8 Nozzle- 1/32, 3/64, 1/16,5/64

61. Oxygen and acetylene Cylinders



Acetylene Cylinder

61.1 Size- TW (42 inch) Brass Valve

61.2 Safety- Cylinder Cap and safety valve

Oxygen

61.3 Size- T (50 Inch) Brass valve

61.4 Safety- Cylinder Cap and safety valve

Welder (NCVT) Specifications

62. Co2 Cylinder



62.1 Size- D (1.3 Meter) Brass valve

62.2 Safety - Cylinder cap with safety valve

63. Argon Cylinder



- 62.1 Size- D (1.3 Meter) Brass valve
- 62.2 Safety - Cylinder cap with safety valve

64. Anvil



64.1 Size- 24 square inch (6x4)

64.2 Weight- 50 kg

64.3 Material- Cast Iron

64.4 Stand- Cast iron

Welder (NCVT) Specifications

65. Swage block Cast iron 16x16x3 inch



- 65.1 Size- 16x16x3 inch
- 65.2 Block type- Angular, Round, Half round, Square
- 65.3 Material- Cast iron
- 65.4 Edge block- all four edge
- 65.5 Weight- 50 kg (approx)











66. Magnetic particle testing Kit



- 66.1 Operating Voltage-230 V, 50 Hz
- 66.2 Output current -1000
- 66.3 Magnetic Power-0-5 Kg in AC, 30 kg in DC
- 66.4 Operating Mode- AC and Dc
- 66.5 Yoke Leg- Adjustable
- 66.6 Test button – Push type
- 66.7 Yoke Shape-U type
- 66.8 Cord Length- 10 feet
- 66.9 Yoke leg spacing- 10 inch

67. Fire extinguishers (foam type and CO2 type)

Symbols found on fire extinguishers & what they mean

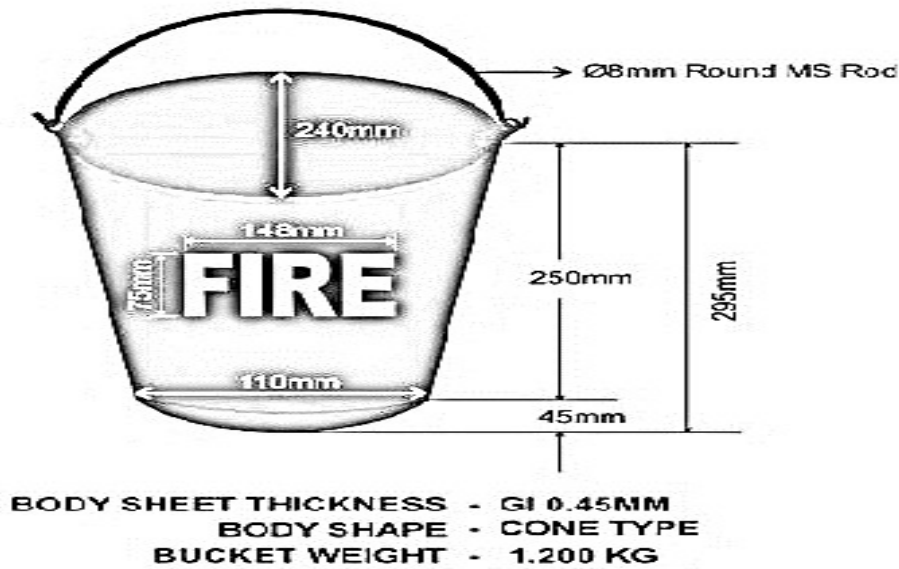
					
	Water	Foam spray	ABC powder	Carbon dioxide	Wet chemical
Wood, paper & textiles 	✓	✓	✓	✗	✓
Flammable liquids 	✗	✓	✓	✓	✗
Flammable gases 	✗	✗	✓	✗	✗
Electrical contact 	✗	✗	✓	✓	✗
Cooking oils & fats 	✗	✗	✗	✗	✓

67.1 Size- 2 kg and 5 kg

67.2 Attachment- Spray Pipe 5 feet

67.3 Indication- Pressure gauge

68. Fire Bucket with stand



- 68.1 Fire Bucket
- 68.2 Capacity:- 10 L
- 68.3 Diameter:- 9.5 Inches
- 68.4 Bucket Height :- 295mm
- 68.5 Bucket top width:- 148mm
- 68.6 Bucket bottom width:110mm
- 68.7 Material:- Iron
- 68.8 Portable
- 68.9 Color:- Red
- 68.10 Application:- Professional Equipment
- 68.11 Bucket Weight:-1.200Kg
- 68.12 Handle Handling Capacity:- 20 Kg
- 68.13 Bucket Handle thickness:-6mm
- 68.14 Stand Material- 1 inch round pipe stand
- 68.15 Stand size- 50 inch width Height 25 inch

69. Portable Abrasive cutting Machine



69.1 Input Power- 220 V, 50 Hz

69.2 RPM-3800

69.3 Power consumption -2000-2200 W

69.4 Wheel size- 14 inch

69.5 Wheel bore-25.4 mm

69.6 Safety- Safety Guard

69.7 Vice- Adjustable with Degree mark

69.8 Operating- Push button with lock
Cutting capacity

69.9 Square Bar at 0 deg: 129 mm

69.10 - Square Bar at 45 deg: 128 mm

69.11 Round pipe at 0 deg: 119x119 mm

69.12 Round Pipe at 45 deg: 110x110 mm

69.13 Rectangular Bar at 0 deg: 100x196 mm

69.14 Rectangular Bar at 45 deg: 107x115 mm

69.15 L- Shaped Bar at 0 deg: 130x130 mm

69.16 L- Shaped Bar at 45 deg: 115x115 mm

Welder (NCVT) Specifications

70. Suitable Gas cutting table



70..1 Size- 3x25.x2 feet

70..2 Frame- MS angle 40x40x5 mm

70..3 Top- MS sheet 16 swg 1 feet x 2 feet

70..3 Top welding- MS flat 25x 5 mm with 10 mm gap

70..4 Positioner-3G,5G,6G

Welder (NCVT) Specifications

71. Welding Simulators for SMAW/GTAW/GMAW



Suitable for- GMAW, FCAW, SMAW, GTAW

72. Water cooled induction welding/ Brazing machine



72.1 Input voltage- 220 V, 50 Hz

72.2 power max-6 KW

72.3 Max input current-28 AMP

72.4 Oscillate frequency- 0.2-1.1MHZ

72.5 Cooling water – 2 to 6L/Min

72.6 Max temperature- 1000 degree

72.7 Temperature Control- Manual

72.8 Working temperature display – 3 digit digital

72.9 Heating element –Copper pipe

72.10 Induction Dia- up to 60 mm

Welder (NCVT) Specifications

73. Plastic welding machine with hot air gun



- 73.1 Voltage- 230 V
- 73.2 Frequency- 50/60 Hz
- 73.3 Power consumption- 2500 watt
- 73.4 Temperature range- 20-500 C
- 73.5 Air flow Max- 250 Liter/ M
- 73.6 Noise level- 40 Db Max

74. Swaging and flooring tool kit 45 degree tubing



74.1 Size- ½, 3/4, 3/8, 5/16, 3/16, 1/8, 1/4, 7/16

74.2 Angle-45 degree

74.3 Tool Material- chrome vanadium steel

74.4 Attachment- All size clamp and vice

74.5 Packaging- In wooden box

75. Leather Hand Gloves



75.1 Material- Leather

75.2 Size- 14 inch

75.3 Application- Heat resistance up to 500° C

75.4 Special Feature -Oil , Cut, Puncture resistance

76. Cotton hand Gloves



76.1 Size- 8 inch

76.2 Material- Cotton Fabric

76.3 Application- anti Moisturizing

77. Leather Apron



77.1 Size- 24 inch x 42 inch

77.2 Material- Leather

77.3 Pocket- Six tool pocket

77.4 Wearing mode- Adjustable belt

77.5 Application- Heat resistant up to 500⁰ C

78. SS Wire brush



78.1 Size- 12x2.5x2.5 inch

78.2 Material- Wooden base

78.3 Brush material- SS wire

78.4 Brush length- 25 mm

79. Leather Hand sleeve



79.1 Size- 16 inch

79.2 Material- Leather

79.3 Feature- Adjustable belt

79.4 Heat Resistant - up to 500⁰ C

80. Safety Shoes



80.1 Size-7,8,9

80.2 Material- Leather

80.3 Type- les type

80.4 Shoe Toe Safety- Steel Cap

80.5 Shoe Sol - Nail proof, heat resistant, Cut proof

81. Leg guard Leather



81.1 Size- 16 inch

81.2 Material- Leather,

81.3 Fitting- Adjustable belt

81.4 Safety- Heat proof up to 500 degree C

82. Rubber Hose Clip ½ inch



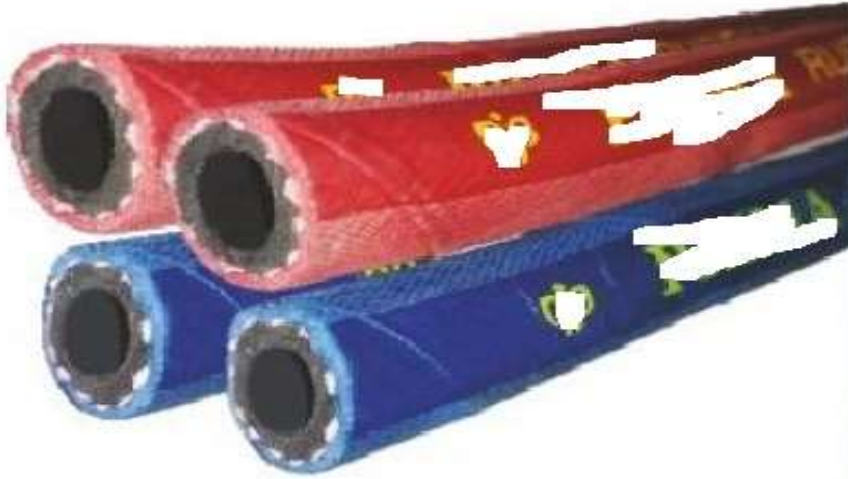
82.1 Size- 20x20x20 mm

82.2 Material- Stainless steel

82.3 Type- Adjustable screw Type

82.4 Screw Material- Stainless steel

83. Rubber Hose Oxygen



83.1 Size- 8 mm Dia

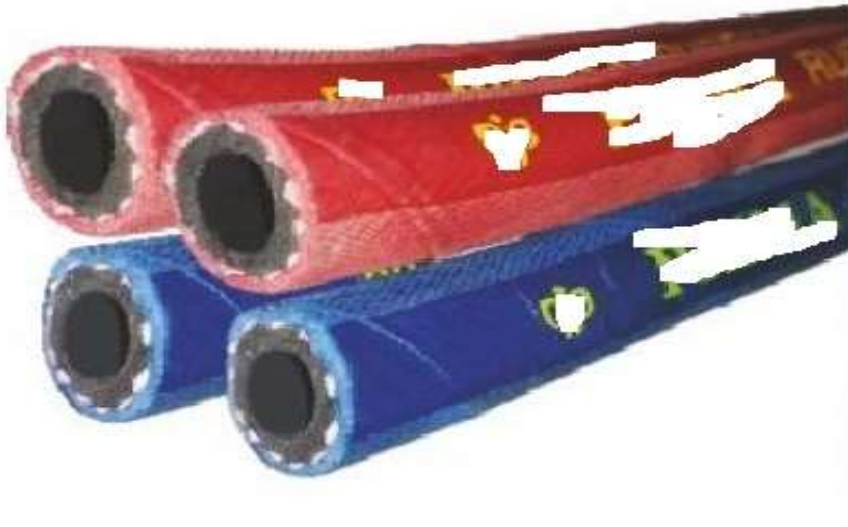
83.2 Length- 10 meter

83.3 Layer- Three layer with thread layer

83.4 Pressure Capacity- 2000 psi

83.5 Color- Blue

84. Rubber Hose Acetylene



84.1 Size- 8 mm Dia

84.2 Length- 10 meter

84.3 Layer- Three layer with thread layer

84.4 Pressure Capacity- 50 psi

84.5 Color- Blue

85. Arc welding Cable



85.1 Size- 70 Square mm

85.2 Multi core wire- Copper

85.3 Layer- Three Layer

85.4 Range- 600 Amp

85.5 Color- Red

86. Arc welding Colored Glasses



86.1 Size- 108x82 mm Thickness 3 mm

86.2 DIN- 11/14

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87. Arc welding Plain Glasses



87.1 Size- 108x82 mm Thickness 3 mm

87.2 Type- Plain

88. Gas welding Goggles



88.1 Size- Glass dia 40 mm

88.2 Overall Dimension- 7.5x7.5x5 cm

88.3 Style- Flip Up

88.4 Body Material- Plastic

88.5 Safety- 3 or 4 DIN

88.6 Glass Safety- Plastic cover

88.7 Fitting Type- Rubber adjustable

89. Safety goggles plain



89.1 Size- 6x3.5 inch front Slab 1 inch

89.2 Material- Plastic

89.3 Fitting- Adjustable Rubber type

89.4 Dust Proof fitting

90. Spark Lighter



90.1 Size- 8 inch

90.2 Material- Stainless steel

90.3 Spark- By Battery (AAA 2piece)

90.4 Lever type spark

Welder (NCVT) Specifications

91. AG4 Grinding Wheel



91.1 Size- 4 inch

91.2 Material- Metal oxide (abrasive grains, bonding coats and backings)

91.3 Max RPM- 13000

91.4 Center Clip- Stainless Steel

92. Earth Clamp 600 Amp



92.1 Size- 6 inch

92.2 Jaw opening- 2 inch

92.3 Jaw Material- Copper

92.4 Connection Material- Copper

92.5 Body Material- Stainless Steel

92.6 Connection fitting- Nut-bolt

92.7 Opening- Spring type

92.8 Current range- 600 Amp

93. Electrode holder



93.1 Size- 9 inch

93.2 Jaw opening- 1 inch

93.3 Jaw Material- Copper

93.4 Connection Material- Copper

93.5 Body Material- Stainless Steel

93.6 Connection fitting- Nut-bolt

93.7 Opening- Spring type

93.8 Current range- 600 Amp

93.9 Safety- Heat proof plastic handle

93.10 Jaw guard – Bakelite

94. Die Penetrant testing kit



94.1 Complete Kit Bottle- 3 of 420 ml

94.2 Cleaner-420 ml

94.3 Penetrant- 420 ml

94.4 Developer – 420 ml

94.5 Type- Spray type

95. Anti spatter spray cane



95.1 Size- 550 ml

95.2 Type- Anti spatter Silicon spray

96. GMAW Torch Nozzle and TIP



96.1 Nozzle Size- 15 no.

96.2 Nozzle Material- Brass fitting with Stainless steel body

96.3 Tip Size- 0.8 mm and 1.2 mm

96.4 Tip material- Copper

96.5 Tip Fitting- Thread type

97. TIG Welding Ceramic Nozzle

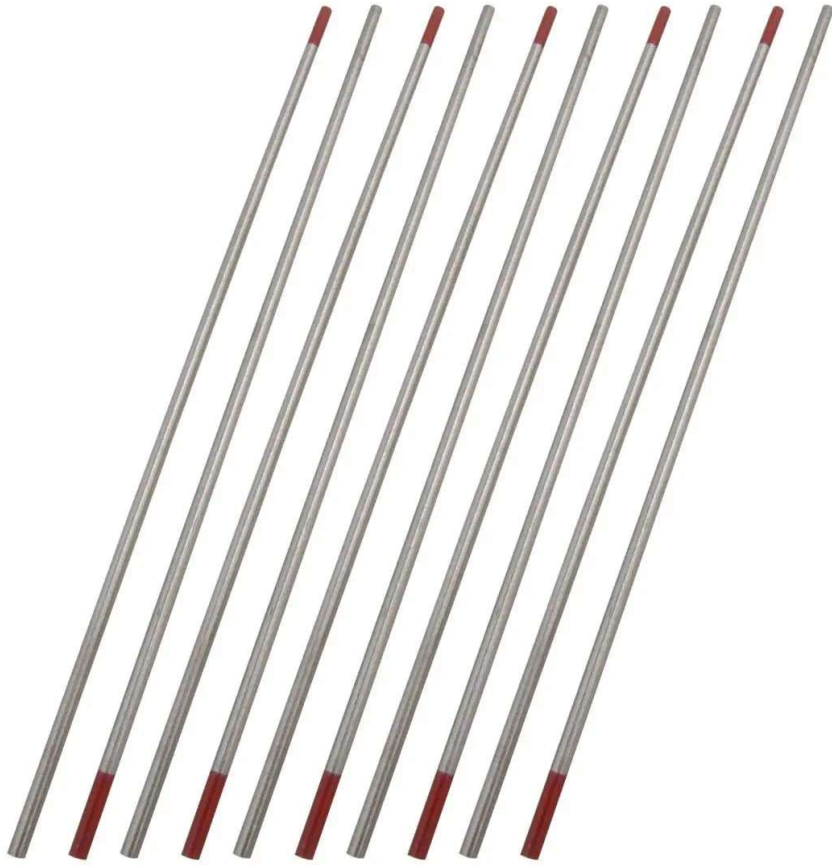


97.1 Size- 3,4,5,6,8 No.

97.2 Material- Ceramic

97.3 Fitting- threads type

98. Tungsten Electrode



98.1 Size- dia 1.0,1.6,2.0 mm Length 150 mm

98.2 Material- Tungsten Alloy listed below

- (2% THORIATED (RED) EWTh-2/WT20.
- 0.8% ZIRCONIATED (WHITE) EWZr-8/WZ8.
- 1.5% LANTHANATED (GOLD) EWLa-1.5/WL15.
- 2% CERIATED (GREY) (Formerly Orange) EWCe-2/WC20

99. Brass Filler Wire



99.1 Size-Dia 1 mm and 2 mm

99.2 Material- Brass

99.3 Mixture- 59.5 Copper+40 Zink+.05 Silicon

Welder (NCVT) Specifications

100. AG4 Cutting Wheel



100.1 Size- 4 inch

100.2 Max speed- 15000 RPM

100.3 Safety- Double net

Welder (NCVT) Specifications

101. Copper Coated Mild Steel Filler wire



101.1 Material- Mild steel

101.2 Safety- Copper coating

101.3 Dia- 1 mm

102. Brass Filler Wire



102.1 Size-Dia 1 mm and 2 mm

102.2 Material- Brass

102.3 Mixture- 59.5 Copper+40 Zink+.05 Silicon

103. Copper Filler wire



103.1 Material- Copper

103.2 Dia 1.0 mm, 2.0 mm

103.3 Purity- 99 %

104. Brass Flux



104.1 Type- Powder Type

104.2 Mixture- Zink chloride and ammonium chloride

104.3 Temperature range- 450 to 1100° C

104.4 ISO No.- EN 1045 FH21

105. Copper Flux



105.1 Type- Powder Type

105.2 Mixture- Zink chloride and ammonium chloride

105.3 Temperature range- 450 to 1100° C

105.4 ISO No.- EN 1045 FH21

106. Instructor Chair and Table



106.1 Table- Top 20 mm board

106.2 Size- 42x30 inch

106.3 Frame- 1 inch conduit pipe

106.4 Drawer- 3 drawer with lock

106.5 Chair- Frame – 1 inch ss pipe

106.6 Seat and back- Cushion type

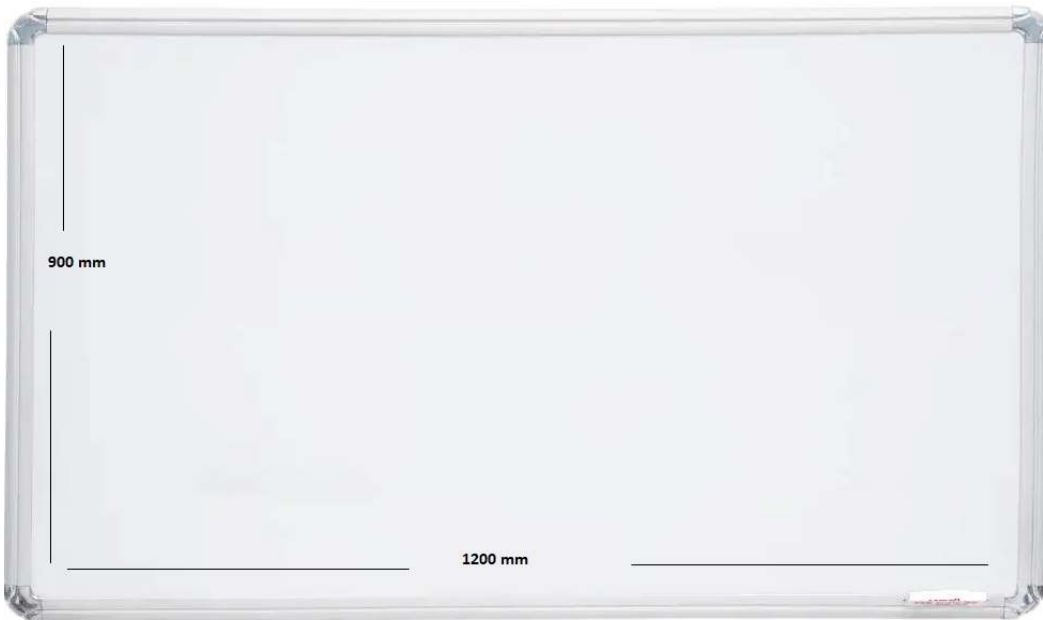
106.7 Size- seat 18x18 inch back 18x15 inch

107. Student Chair with writing pad



- 107.1 Frame Material- 1 inch conduit pipe
- 107.2 Seat and Back- Cushion Type
- 107.3 Writing PAD size- 18x12 inch
- 107.4 PAD material- 20 mm Board

108. White Board



108.1 Size- 1200x900 mm

108.2 Material- Alloy Steel, Acrylic

108.3 Mounting- Wall

108.4 Safety- Edge Plastic cover

109. Instructor Laptop



Generation -10th, Intel Core i7,
RAM- 1 x 8GB DDR-IV RAM (3200 MHz)
1 TB M.2 SSD, Minimum 15 inch FHD
Resolutions- 1920 x 1080
Multi Touch Touchpad,
Preloaded MS Office (latest Version),
Preloaded Windows 10 Pro, 64 Bit
Wi-Fi Controller, Bluetooth Enabled, HD Webcam
Battery - 6 hrs. Backup,