

## Water Soluble Products / Magnetic Ground Clamp

### EZ Purge™ Pre-formed Purge Dams

Since EZ Purge™ is pre-formed, there is no need to measure, cut, or construct a purge dam. The pre-formed dam includes a generous amount of water soluble tape. There is no need to buy separate inventories or carry heavy rolls and tools to the job site. Your purge dam is complete and ready to use.



Part No.	Pipe Diameter	Std. Pkg
EZP-4	4"	48
EZP-6	6"	48
EZP-8	8"	48
EZP-10	10"	48
EZP-12	12"	48
EZP-14	14"	24
EZP-16	16"	24
EZP-18	18"	24
EZP-20	20"	24
EZP-24	24"	24

### LiquiFilm™

LiquiFilm™ is an alternative to traditional purging systems and serves as ideal solution when total purging is impractical or costly.

Kit includes:

- (1) water soluble purge dam film (wound on core for easy dispense).
- (2) 250 ml. (8.5 fl. oz.) bottles water soluble adhesive.
- (1) Aquasol® cutting knife.
- Instruction sheet.



Part No.	Description
AWSF-1/20RG	39" x 65' kit
AWSF-1/20B	39" x 65' film only
AWSG-500	500 ml. adhesive only
AWSG-250	250 ml. adhesive only



### Welder's Magnetic Ground Clamps

- Spring-loaded electrode secures ground to work surface.
- Rotating stud assembly allows ground wire to rotate 360° free of work area.



Part No.	Pull (lbs.)	Dimensions (Inches)	AMPS
MGC-1	55	3-1/2" x 2"	250
MGC-2			800

## All Steel, Sliding Arm “F” Style Bar Clamps

- Rail, fixed jaws and pressure plate heat-formed in one piece from cold drawn profiled steel – optimized for high static stress loadings, tempered and electro-galvanized.
- Heat treated, high carbon Acme threaded screw – is tempered and quenched to give greater loading capacity and longer service life. Spatter resistant.
- High-strength electro-galvanized sliding pin T-handle – rounded ends for comfort, size engineered to load capacity.
- Unique Bessey Morpad tilts to 35° – easily removed for maintenance or replacement.
- Tempered steel sliding arm – drop forged, electro-galvanized.

### Professional Series

- Unique Bessey Morpad replaces a standard round ball and socket with an “engineered hemisphere and socket” for greater angle pivot and a safer pad that won’t pop out under pressure.
- Replacement arms, spindles and Morpads are available for Professional Series Bessey steel clamps.
- Rails and fixed top jaw are cold drawn, heated treated, tempered and quenched under rigid controls in Bessey’s own steel plant.
- 1800 and 2400 Series steel clamps are available with Bessey Grip Handle – a durable, comfortable accessory that fits snugly over the standard steel sliding pin handle.



Part No. 1800 Series



Part No. 7200 Series

Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
<b>1800 Series Medium Duty Clamps – with Morpad</b>			
1800S-8	8"	4-3/4"	1800
<b>2400 Series Regular Duty Clamps – with Morpad</b>			
2400S-6	6"	5-1/2"	2600
2400S-8	8"	5-1/2"	2660
2400S-12	12"		
2400S-20	20"		
2400S-36	36"		
2400S-60	60"		
<b>4800 Series Heavy Duty Clamps – with Morpad</b>			
4800S-12	12"	7"	4880
4800S-18	20"		
4800S-36	36"		
4800S-48	48"		
4800S-60	60"		
<b>7200 Series Extra Heavy Duty Clamps – with Morpad</b>			
7200S-12	12"	8"	7770
7200S-20	20"		
7200S-36	36"		

### Shop Floor Series

- Standard swivel pressure pads built for solid dependable performance.
- Replaceable arms, spindles and Morpads are available for many Shop Floor Series steel clamps.
- Rails and fixed top jaw are drawn, heat-treated, tempered and quenched under rigid controls in Bessey’s own steel plant.



Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
<b>Light Duty</b>			
MMS-4	4"	2-1/4"	660
MMS-8	8"		
MMS-12	12"		
660S-8	8"	4"	660
660S-12	12"		
660S-18	18"		
1200S-8	8"	4-3/4"	1200
1200S-12	12"	5-1/2"	
1200S-18	18"	4-3/4"	
1200S-24	24"		
<b>Regular Duty</b>			
SQ-4	6"	4-3/4"	1330
SQ-8	8"		2660
SQ-12	12"	5-1/2"	
SQ-20	20"	4-3/4"	
<b>Heavy Duty</b>			
STB12	12"	7"	4880
STB18	18"		
STB36	36"		

## Bar Clamps

### Step-Over J-Series Steel Clamps

- Sturdy J-shaped arm produced and tempered in one piece for maximum tensile strength and sturdiness.
- Replaceable heat-resistant pressure plate can be tilted up to 35° for clamping on angled or sloping surfaces.
- Forged sliding arm made of tempered steel for maximum forces.
- Tempered, spatter-resistant and wear-resistant spindle for long life.
- Sturdy sliding pin T-handle has rounded ends for comfort and hexagonal bolt for powerful, controlled clamping.



Part No.	Clamping Capacity	Throat Depth	Rail Step-Over	Clamping Force (lbs.)
2400J-12	12"	5-1/2"	4"	2660
4800J-20	20"	7"	6"	4880
<b>Lever Clamp</b>				
JLC24-12	12"	5-1/2"	4"	1800

### Rapid-Action, Steel Lever Clamps

- Ratchet mechanism ensures rapid, vibration-resistant clamping. Hardened cam at the end of the lever ensures long service life.
- Torsion-resistant, fixed bracket and pressure plate are produced and tempered in one piece for maximum tensile strength and sturdiness.
- Forged sliding arm is serrated; made from tempered, drop-forged steel for long service life.
- Ergonomically shaped powder-coated clamping lever and plastic-coated release lever for comfort and power.



Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
LC-4	4"	2-3/8"	400
LC-8	8"	4"	660
LC-12	12"	5-1/2"	1200
LC-20	20"	4-3/4"	1200
1800L-12	12"	5-1/2"	1800

### MaxFlex™ Bar Clamps

- The patented OMEGA bend dampens the impact of external vibrations while clamping.
- Fixed arm and pressure plate produced and tempered from one piece of quality Bessey steel.
- The arc of the OMEGA curve enables the rail to hug tightly to the surface work piece – allows clamping right into the corner of the clamp.
- Choice of traditional sliding pin handle or the new ergonomic 2K handle.



Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
RSC-8	4"	4"	770
RSC-12	8"	5-1/2"	1100
RSC-18	12"	4-3/4"	
RSC-24	20"		

### KliKlamps

- Magnesium jaws are extremely light and strong.
- Ratchet mechanism is vibration-resistant – ideal for use with power tools. Ratchet action controls clamping and release quickly and easily.
- Fixed arm with V-grooves holds any shaped work piece firmly.
- Durable, fiberglass-reinforced polyamide clamping arm ergonomically designed for comfort and power.



Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
KLI3.004	4"	3"	260
KLI3.008	8"		
KLI3.012	12"		

### Angle Clamps for Welding and Fabricating

- Automatic adjustment to work pieces of different thicknesses.
- Sturdy jaws and base made from high grade cast iron.
- Copper-plated spindles resist spatter.
- Accurate 90° angle.



Part No.	Jaw Height	Jaw Length	Passage for "T" Joints	Max. Material Size for Miter Joints
WSM-9	1-3/8"	4"	2-1/2"	3-1/2"
WSM-12	2-3/8"	4-1/2"	4"	4-3/4"

### "H" Style Pipe Clamp Fixtures

- "H" shaped foot assembly stabilizes the clamp in two dimensions giving dual-axis stability.
- Extra high base provides industry leading clearance from the work surface.
- Cast jaws for durability.
- Smooth action spindle.



Part No.	Black Pipe Diameter
BPC-H34	3/4"
BPC-H12	1/2"

### T-Bar Sash Clamps

- Fast, easy moveable jaw – simply slide to work piece, place lock pin in perforated rail.
- Rugged construction – cast iron jaw, steel rail.



Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
BT-96	98"	2"	3330
BT-120	120"		2660

### Steel Spring Clamps

- These clamps feature heavy duty springs for more pressure and longer life.
- Nickel plating – won't rust or mark work piece.
- Heavy duty vinyl tips and handles won't mark clamping surfaces.



Part No.	Clamping Capacity	Throat Depth	Clamping Force (lbs.)
OXM3	1-1/4"	1"	33
OXM5	2-1/4"	2"	49
OXM7	3-5/16"	3"	66
XM10	5"	4"	63

### Variable Angle Device (VAD Pad)

- Floating pads tilt 60° inward or outward – ideal for clamping or aligning round, oval, and angular pieces.
- Easy to install and remove; swivels 360°.
- Fits up to 2400 series clamps.

Part No. OVAD (set of two)



## Grip Pliers / Locking Clamps

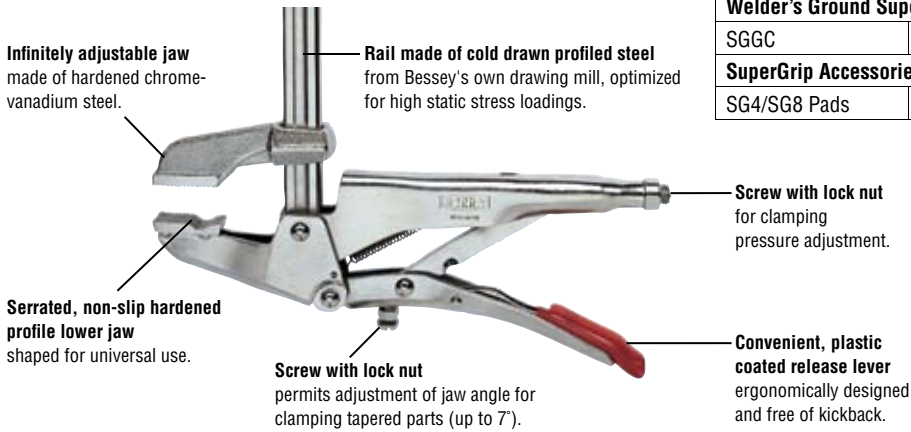
### Grip Pliers

Bessey Grip Pliers combine the adjustable jaw of sliding-arm clamps with the functionality of the grip pliers design. Quick to engage with the advantage of parallel clamping jaws.

#### SuperGrips™

- Infinitely adjustable jaw.
- Cold drawn, profiled steel rail.
- Adjustable screw/lock nut (on lower lever): adjusts jaw angle up to 70° for clamping tapered parts.
- Adjustable screw/lock nut (top handle): adjusts clamping force.
- SG-GC Welders' Ground rated for 400 AMPs.

Part No.	Jaw Opening	Throat Depth	Clamping Force (lbs.)
<b>Standard SuperGrips</b>			
SG-4	4"	2-1/2"	440 lbs.
SG-4WP (w/pads)			
SG-8	8"	2-1/2"	440 lbs.
SG-8WP (w/pads)			
<b>Welder's Ground SuperGrips (400 AMP)</b>			
SGGC	4"	2-1/2"	310 lbs.
<b>SuperGrip Accessories</b>			
SG4/SG8 Pads	Set of 2 pads fits SG-4 and SG-8		



SG protective pads available for the SG-4 and SG-8.

### MultiGrip™

- Slim plier-type jaw opens in two stages for "pre-clamping" effect to enable adjustment before applying maximum pressure.
- Integrated locking thumb screw to pre-set jaw opening for repetitive work.



Part No.	Jaw Opening	Throat Depth	Clamping Force (lbs.)
SG2-MGR	2-1/2"	2-3/4"	222

### Welder's Fork

- Forked jaw clamps two work pieces together over an obstruction.



Part No.	Jaw Opening	Throat Depth	Clamping Force (lbs.)
SG24-WF	4"	3"	310

### Deep Reach

- Clamps over angle iron, channel iron and other assemblies or obstacles.



Part No.	Jaw Opening	Throat Depth	Clamping Force (lbs.)
SG5-DR	4-1/2"	3"	310

### VarioGrip Welder's Fork

- Two independently adjustable sliding heads can be set at different heights and depths.



Part No.	Jaw Opening	Throat Depth	Clamping Force (lbs.)
SG24-VWF	4"	3"	310

### Pipe Clamp

- "Cradle" jaw aligns and holds pipe firmly in place.



Part No.	Jaw Opening	Throat Depth	Clamping Force (lbs.)
SG24-PC	4-1/2"	2-3/4"	310

## C-Clamps

### Drop Forged C-Clamps

- Drop forged and heat-treated steel frame for added strength.
- Ball-joint swivel pad.
- Large Acme threads for faster clamping.
- Choice of spindle coating:
  - black oxide to resist corrosion
  - copper to resist weld spatter.
- Choice of finish:
  - standard black finish
  - high visibility (HiVis) finish conforming to OSHA safety color standard #1910.144.



Part No.	Clamping Capacity	Throat Depth	Load Test (lbs.)
<b>C-Clamp w/Copper Plated Spindle</b>			
CDF402C	2"	2"	3500
CDF403C	3"	2-3/8"	
CDF404C	4"	2-3/4"	6200
CDF406C	6"	3-5/8"	
CDF408C	8"	4-1/2"	6900
CDF410C	10"	5-3/8"	
CDF412C	12"	5-3/4"	9500
<b>C-Clamp w/HiVis coating</b>			
CDF406HV	6"	3-5/8"	6900
CDF408HV	8"	4-1/2"	
CDF410HV	10"	5-3/8"	8000
CDF412HV	12"	5-3/4"	9500

### Heavy Service C-Clamps

- Drop forged, heat-treated frame for strength.
- Clamping force up to 40,000 pounds.
- Hex head for maximum torque.



Part No.	Clamping Capacity	Throat Depth	Load Test (lbs.)
B-HS0	3/4"	1-16"	2,800
B-HS1	1-3/8"	1-3/32"	5,600
B-HS1.5	1-13/16"	1-7/16"	8,750
B-HS2	2-3/8"	1-7/8"	12,500
B-HS3	3-5/16"	2-1/2"	16,250
B-HS4	4-5/8"	2-7/8"	20,000
B-HS5	5-3/8"	3-16"	23,800
B-HS6	6-5/8"	3-1/2"	27,500
B-HS8	8-1/4"	4-1/8"	31,250
B-HS10	10-3/8"	4"	35,000
B-HS12	12-1/2"	4"	40,000

### 100 Series C-Clamps

- Drop forged, heat-treated frame for heavy industrial and construction applications.
- Hex head and sliding-pin T-handle for maximum torque and flexibility.



Part No.	Clamping Capacity	Throat Depth	Load Test (lbs.)
B-102	2"	1-1/2"	7,500
B-103	3"	2"	8,750
B-104	4"	2-1/4"	10,000
B-106	6"	2-1/2"	11,250
B-108	8"	2-1/4"	12,500
B-110	10"	2-7/8"	13,750
B-112	12"	2-15/16"	15,000



## Snips / Utility Knives

### Aviation Snips

For short straight and shaped cuts.

- High grade steel cutting blades – HRC of 61 to 62.5.
- Micro-serrations for slip proof working.



Set of three in vinyl pouch  
Part No. DAV3P-BE

Part No.	Description	Overall Length	Jaw Length
D16S-BE	Straight. Short, and narrow curved cuts–left or right. Yellow coded handle.	9-1/2"	1-3/4"
D16L-BE	Left. Short, and narrow curved cuts–straight or left. Red coded handle.		1-9/16"
D16-BE	Right. Short, and narrow curved cuts–straight or right. Green coded handle.		

### Titanium Nitride (TiN) Coated Offset Snips

- Induction-hardened, high-speed steel edges – HRC up to 68.
- Titanium-Nitride (TiN) coated for longer life.
- Overall Length: 10-1/4"
- Jaw Length: 1-5/16"



Right. Continuous cuts – straight or curved right.

Part No. D27AHTIN-BE

Left. Continuous cuts – straight or curved left.

Part No. D27AHLTIN-BE

### Special Hard Cutting Snips

- Special high grade steel cutting blade – HRC up to 64.
- Micro-serrations for slip-proof working.
- Overall Length: 10-1/4"
- Jaw Length: 1-5/16"



Right. Continuous curved cuts – straight or right.

Part No. D29SS-BE

Left. Continuous curved cuts – straight or left.

Part No. D29SSL-BE

### New Generation Offset Snips

- Special high grade steel cutting blade – HRC up to 64.
- Optimized leverage ration – 25% less effort.
- Optimized edge shape: slip-proof, micro serrated cutting edge.
- Compact cutter head for maximum manoeuvrability.
- Overall Length: 10-1/4"
- Jaw Length: 1-5/16"



Right. Continuous curved cuts – straight or right.

Part No. D29ASS-BE

Left. Continuous curved cuts – straight or left.

Part No. D29ASSL-BE

### Offset Snip - Long Cut

For long straight and shaped cuts.

- High grade steel cutting blade – HRC up to 62.
- One blade has a finely serrated edge for slip-proof working.
- Overall Length: 9-1/2"
- Jaw Length: 1-5/16"



Left. Continuous curved cuts – straight or left.

Part No. D16AL-BE

### Folding & Locking Utility Knives

- Folding & locking blades with belt-clip.
- Quick, easy blade change. Uses standard utility blades.
- Spring blade release.
- Overall Length: 4"

#### ABS Comfort Grip Handle Utility Knife

- Soft grip handle with thumb pad for max-pressure.
- Blade storage with spring release.
- 5 extra blades included.

Part No. D-BKPH



Aluminum Handle Utility Knife

Part No. D-BKAH



Hardwood Handle Utility Knife

Part No. D-BKWH



### Long Nose, All Purpose Offset Snip

High grade steel, extra long cutting blade designed for continuous cuts – HRC up to 62.

- Angled cutter heads keeps hands free from work.
- Overall Length: 11"
- Jaw Length: 2-1/2"



Left. Continuous curved cuts – straight or left.

Part No. D22AL-BE

### Super Nibbler

- Distortion-free cuts in sheets up to 1.2 mm thick.
- Clean, burr-free cut edges, no deformation of surfaces.
- Integrated chip-separator for cleanly notched edges.
- Overall Length: 10-1/2"

Part No. D23-BE



### Super Power Tin Snips

Innovative upgrade to a proven performer includes:

- Compound lever style needs 50% less hand force than ordinary pattern snips.
- Self-opening jaws with reliable locking closure.
- Cuts up to 19 ga. (1.0 mm) cold rolled steel or 25 ga. (0.6 mm) stainless steel – HRC up to 62
- Large handle loops accommodate safety work gloves.



Part No. D-SPS8



Part No. D-SPC8

Part No.	Description	Overall Length	Jaw Length
D-SPS8	Straight blade (right)	8-1/2"	1-3/4"
D-SPS11		11-1/2"	2-1/4"
D-SPC8	Offset blade (left)	8-1/2"	1-3/4"
D-SPC11		11-1/2"	2-1/4"

### American Pattern Snips

For long straight cuts

- Quality steel cutting blade.



Part No. D146-300-BE

Part No.	Description	Overall Length	Jaw Length
D146-200-BE	Straight blade (right)	8"	1-1/8"
D146-250-BE		10"	2"
D146-300-BE		12"	2-11/16"
D146-350-BE		14"	2-13/16"

### Safety Steel Strap Cutters

- Prevent bands from springing back.
- Cuts straps up to 1" wide/6 mm thick.
- Overall length: 10-1/4"
- Jaw length: 1-5/16"

Part No. D122S-BE



### MultiSnips MultiPurpose Cutters

- Stainless steel blades.
- Spring opens cutter automatically.
- Thumb operated lock.

Straight cutting blade

- Overall length: 5-1/2"
- Jaw length: 1-1/4"

Part No. D47-BE



Angled (offset) cutting blade

- Overall length: 7-1/2"
- Jaw length: 1-3/8"

Part No. D48A-BE



### Cable Cutters

- Stainless steel blades
- For multi-core cables up to 10 mm.
- Overall length: 6-1/2"

Part No. D49-BE



### Combinox®

- Stainless steel blades cut wide range of material.
- Spring opens cutter automatically.
- Thumb operated lock.
- Blade notched for wire stripping.
- Overall length: 7-1/2"
- Jaw length: 1-3/8"

Part No. D50-BE



### Electrician's Scissors

- Serrated, nickel plated blades with wire cutting notch.
- Overall length: 5"

Part No. D53A





## Industrial Magnets / Magnetic Pick-Up Tool / Visas

### Welder's Magnetic Squares

Quality magnets for fast, simple set-ups.

- Single magnets hold metal work firmly at set angles, leaving hands free.
- Double magnets hold work at any angle.
- Large models are supplied with "T" handles to release magnet.



Part No.	Pull (lbs.)	Dimensions (Inches)	Pre-set Angles
<b>Single Welder's Magnetic Squares</b>			
WMS-1	66	3-3/8" x 3-3/8" x 5/8"	45/90
WMS-3	55		
WMS-5	112		
<b>Double Welder's Magnetic Square</b>			
WMS-4	110	6-1/8" x 3-3/8" x 5/8"	0 to 180
<b>Multi-Angle Magnetic Square</b>			
WMS-6	52	4" x 2-1/2" x 9/16"	30/45/60/75/90
<b>Arrowhead Magnetic Square</b>			
WMS-7	41	4-3/4" x 3-1/4" x 9/16"	45/90
<b>Magnetic Square w/On-Off Switch</b>			
WMS-8	75	3-3/8" x 4-3/8" x 1-1/4"	45/90
<b>Chunky Magnetic Square</b>			
CMS-1	100	3-3/4" x 4-3/8" x 1-5/8"	45/90
<b>"Big Daddy" Magnetic Square</b>			
BDMS-1	100	8" x 8" x 1-5/8"	45/90

With just a flip of a switch, the Bessey Magnetic Square lets you easily position or adjust work pieces and then activate the magnetic field to lock work pieces in place.

**Part No. WMS-8**



### Mag Pick-up

Powerful magnetic disc on a 35" tubular shaft for picking up small metal parts – also useful for clean-up.

**Part No. MPU1**



### MagStik

5-1/2" "pen-sized" pocket magnet extends to 26" to pick up hard to reach small metal objects.

**Part No. MS-1**



### Bench Visas

#### All-Steel Utility Visas

- Tough, all-steel, general purpose vise.
- 360° rotation swivel base with 2 lock downs.
- Large flat anvil with horn.
- Large diameter, high quality steel lead screw; Acme thread.
- Replaceable, hardened and serrated jaw plates.



Part No.	Jaw Width	Jaw Opening	Throat Depth	Weight (lbs.)
BV-UV4	4"	4"	2-1/4"	16
BV-UV5	5"	5"	2-5/8"	24
BV-UV6	6"	6"	3"	32

#### Medium Duty Tradesman Visas

- Full 360° interlocking swivel base equipped with 2 lock downs.
- Self-adjusting and replaceable hardened steel pipe jaws designed to grip pipe securely and prevent marring, crushing or bending.
- Designed for tough applications.
- Large anvil surface.
- No pinch main screw handle.
- Continuous rolled thread on main screw.



Part No.	Jaw Width	Jaw Opening	Pipe Capacity	Throat Depth	Weight (lbs.)
O45C	4-1/2"	4-1/2"	1/8" – 2-1/2"	4-1/2"	44
O55C	5-1/2"	5"		4-1/2"	50
O65C	6-1/2"	6-1/2"	1/8" – 3-1/2"	5-1/2"	75
O80C	8"	7-1/2"	1/8" – 4-1/2"	6"	105