

WELDING MAGNETS | WELDING CLAMPS
WELDING PLIERS | WELDING TABLES



leonerusso.com
WELDING AND CUTTING PRODUCTS

4-IN-1™ Utility Clamping System

BEST SELLERS

The most versatile Sliding Arm Clamps in the market.

ONE Clamp...
FOUR functions.



Replaceable Heavy Duty Pad



Standard Pad



Tapped Hole

For attaching accessories such as the V-Pad or Extender Block.

Removable / Reversible Clamp Arm

The 3 Piece 4-in-1 Clamp Kit includes:

- 4-in-1 Clamp
- Extender Block
- V-Pad.



Extender Block



V-Pad



UD Models:
Remove the Key Ring.

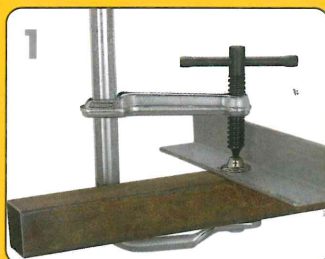


UE,UF,UG,UM Model:
Press the Spring Stop.



UP Models:
Remove the Screw Stop.

The strong, economical 4-IN-1 Utility Clamps adapt to serve four different applications.



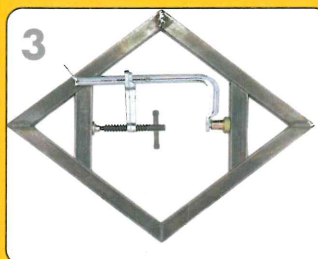
Standard

Sliding Arm Clamps are 10x faster than a C-Clamp!



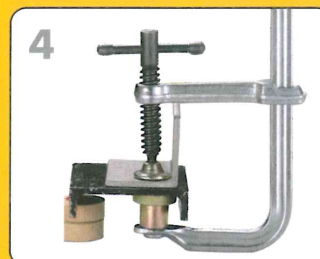
Pipe

Add the exclusive V-Pad to create a Pipe Clamp!



Spreader

Reverse the clamp arm and create a Spreader Clamp.



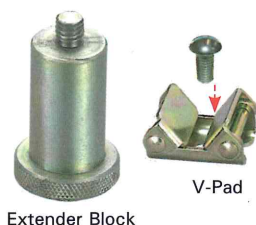
Step-Over

Add the Extender Block to create a Step-Over Clamp.



The 4-IN-1 Clamp Kit comes complete with the V-Pad and Extender Block accessories.

4-IN-1 Accessory Pack (Refer to Accessories page 25 for more information)



Extender Block

V-Pad

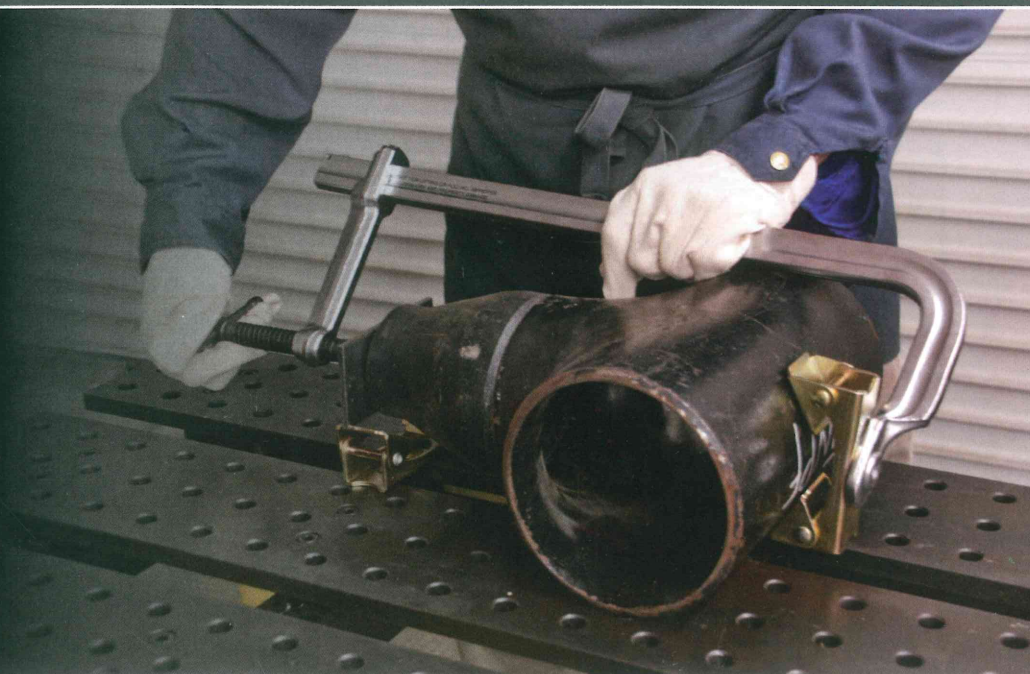
The 4-IN-1 Kit includes a V-Pad, an Extender Block, and a screw.

Part No.	Description	Weight (kg)
XMVBM	For UM, UP Models (Includes XMV, XMB2)	0.5
XFVBM	For UE, UF, UG Models (Includes XFV, XFB)	0.3
XDVBM	For UD Models (Includes XDV, XDB1)	0.1

4-IN-1™ Utility Clamping System

“ I’ve been able to replace my old set of five C-Clamps with my new 4-in-1 Clamp.”

- Mark T.



All Strong Hand Tools® Utility Clamps are made of high quality heat treated steel and nickel/chrome plated for strength and durability.

Part No.	Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Pads	Rail Size (mm)	Tapped Hole	Weight (kg)
UD45M-C3	114	83	227	Standard	16 x 8	M8	0.6
UF65M-C3	165	120	454	Standard	22 x 11	M10	1.3
UG85M-C3	216	120	544	Standard	25 x 12	M10	1.9
UG125M-C3	318	120	544	Standard	25 x 12	M10	2.1
UG1257M-C3	318	180 *Deep Throat	363	Standard	25 x 12	M10	2.9
UM85PM-C3	216	140	1,089	Standard	30 x 14	M10	3.0
UM125M-C3	318	140	1,089	Heavy Duty	30 x 14	M10	3.5
UM165M-C3	419	140	1,089	Heavy Duty	30 x 14	M10	4.0
UM205M-C3	521	140	1,089	Heavy Duty	30 x 14	M10	4.5
UP205M-C3	521	180 *Deep Throat	2,177	Heavy Duty	40 x 19	M10	7.3

NEW Large V-Pads

Turn the Heavy Duty “P” Rail Utility Clamps into a pipe clamp with this large V-Pad accessory.

(“P” Rail size Utility Clamps 39.6 x 19 mm, clamping pressure 2,177 kg)



Part No.	Tab Hole (mm)	Dimension (mm)	Weight (kg)
XPV	10	120.7 x 38.1	0.39



* See Accessories Page 25

Utility Clamps

Utility Clamps set-up 10x faster than a C-Clamp!

Light & Medium Duty



UD Series with Key Ring Stop



UE, UF, UG Series with Spring Stop

- Clamping Pressure: 230 - 544 kg
- Throat Depth: 83 - 180 mm
- Standard Pads

Part No.	Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Rail Size (mm)	Tapped Hole	Weight (kg)
UD45M	114	83	227	16 x 8	M8	0.4
UD85M	216	83	227	16 x 8	M8	0.6
UF65M	165	120	454	22 x 11	M10	1.1
UF100M	254	120	454	22 x 11	M10	1.3
UG85M	216	120	544	25 x 12	M10	1.6
UG125M	318	120	544	25 x 12	M10	1.8
UG205M	521	120	544	25 x 12	M10	2.2
UG1257M	318	180 * Deep Throat	363	25 x 12	M10	2.7
UG1657M	419	180 * Deep Throat	363	25 x 12	M10	3.0
UG2057M	521	180 * Deep Throat	363	25 x 12	M10	3.2

Regular Duty w/Heavy Duty Pads

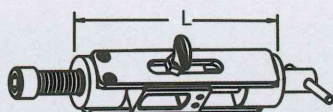


- Clamping Pressure: 1,089 kg
- Throat Depth: 140 mm
- * Heavy Duty Replaceable Pads

Part No.	Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Rail Size (mm)	Tapped Hole	Weight (kg)
UM85M	216	140	1,089	30 x 14	M10	2.7
UM125M	318	140	1,089	30 x 14	M10	3.2
UM165M	419	140	1,089	30 x 14	M10	3.5
UM205M	521	140	1,089	30 x 14	M10	4.0

Sidekicks for U-Clamps

The Sidekick can be mounted on the Clamps for to apply horizontal clamping pressure.



Part No.	L (mm)	Stroke (mm)	For Clamps
XDSM	79	25	UD Series
XFSM	111	35	UF Series
XGSM	111	35	UG Series
XMSM	111	35	UM Series



Utility Clamps

Create your own 4-IN-1 Kit with the 4-IN-1 Accessory Pack!

PATENTED

Heavy Duty



- Clamping Pressure: 2,177 kg
- Throat Depth: 180 mm
- * Heavy Duty Replaceable Pads

Part No.	Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Rail Size (mm)	Tapped Hole	Weight (kg)
UP125M	318	180	2,177	40 x 19	M10	5.6
UP165M	419	180	2,177	40 x 19	M10	6.2 kg
UP205M	521	180	2,177	40 x 19	M10	6.8 kg
UP245M	622	180	2,177	40 x 19	M10	7.5 kg
UP315M	800	180	2,177	40 x 19	M10	7.6 kg
UP405M	1,020	180	2,177	40 x 19	M10	10.0 kg

J-Clamp Step-Over Series



Part No.	Capacity (mm)	Throat Depth (Return) (mm)	Clamping Pressure (kg)	Rail Size (mm)	Tapped Hole	Weight (kg)
UF100JM	254	120 (75)	454	22 x 11	M10	1.5
UG105JM	267	120 (75)	544	25 x 12	M10	2.3
* UM125JM	318	140 (120)	1,089	30 x 14	M10	3.7
* UM165JM	419	140 (120)	1,089	30 x 14	M10	4.0
* UM205JM	521	140 (120)	1,089	30 x 14	M10	4.2

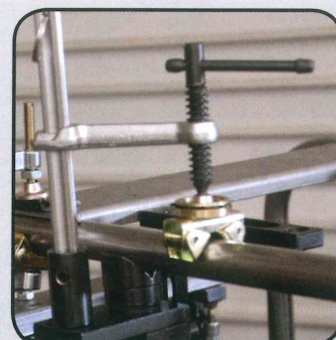
*UM Models are equipped with heavy duty pads.

Top V-Pad



The optional clip-on top V-pad for clamping round parts or 2 parts at once.

Part No.	Description	Weight (kg)
XDA2	For Inserta-Clamps UDN5150 & UDWN5150	0.09
XFA2	For Inserta-Clamps UEN5200 & UEWN5200 For Sliding Channel Clamps T51405 & T51510	0.18
XMA2	For Sliding Channel Clamp T51615	0.27



Ratchet Action & MagSpring™ Clamps

Quick-Set Clamps for fast, convenient clamping.

Ratchet Action Utility Clamps

Ratchet mechanism ensures rapid, vibration and torsion resistant clamping.

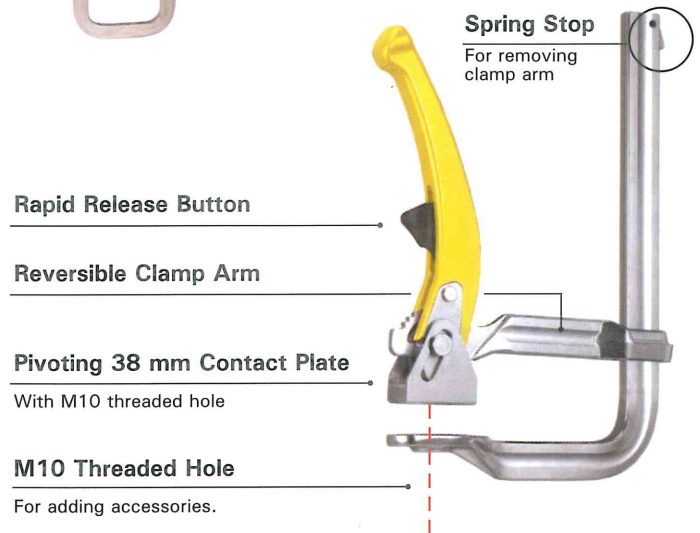
- Clamping Pressure: 460 - 544 kg
- Throat Depth: 120 mm
- Tapped Hole: M10
- Pivoting Contact Plate with M10 threaded hole

Part No.	Capacity (mm)	Clamping Pressure (kg)	Rail Size (mm)	Weight (kg)
UF65RM	180	454	22 x 11	1.2
UF100RM	254	454	22 x 11	1.3
UF100JRM	254	454	22 x 11	1.4
UG85RM	216	544	25 x 12	1.6
UG125RM	318	544	25 x 12	2.2
UG205RM	521	544	25 x 12	2.6



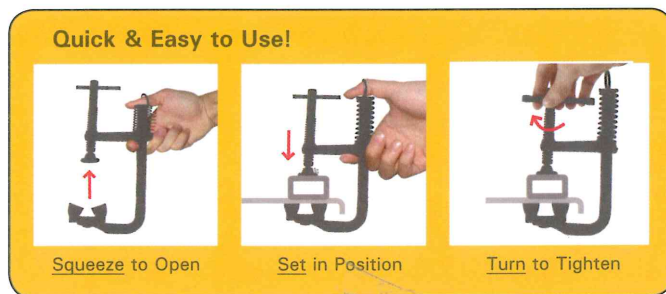
◀◀ UF100JRM

Sturdy J-shaped 76 mm return for step-over applications.

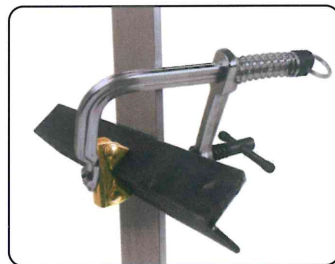


MagSpring™ Clamps

The spring-loaded, one-handed clamp with quick-set magnetic V-Pad.



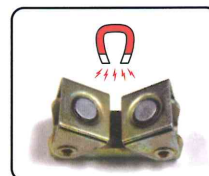
- The Spring Loaded Arm allows users to free up one hand to position the workpiece.
- Once positioned, the Adjustable Magnetic V-Pad holds the clamp to the workpiece for tightening.



- Clamping Pressure: 140 - 227 kg
- Throat Depth: 64 - 83 mm
- Tapped Hole: M8

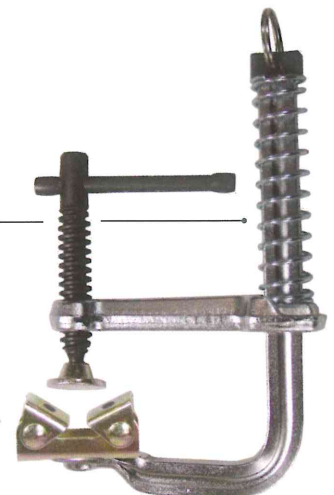
Spring Loaded Arm

The MagSpring™ holds onto metal, wood and synthetic materials.



Adjustable Magnetic V-Pad

Instantly adjusts for different shapes: round, flat, and angle steel surfaces.



Part No.	Capacity (mm)	Throat Depth (mm)	Clamping Pressure (kg)	Weight (kg)
UBV45M	75	64	140	0.4
UBV65M	115	64	140	0.4

EZ Grip Ratchet & Economy Light Duty Clamps

Multi-Purpose Clamps for woodworking and metalworking.

EZ Grip Ratchet Clamp

The lightweight, Quick-Set Ratchet Clamp

Pull Finger-Loop

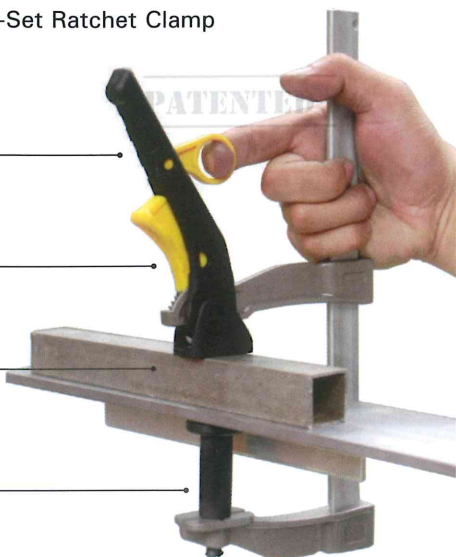
For one finger locking.

Press Release Trigger

Non Marring Surfaces

Protects work surfaces

Step Over



Included accessories:



**Non Marring
Slip On Pads**
Neoprene cap



50 mm Extender Block
Part No: VER01
For Step-Over applications.
Snaps into jaw hole.

- Ideal for firm, no-mar holding of aluminum, wood and non-metallic materials.
- Hold delicate materials securely in drilling, cutting, assembly, or bending applications. Great for assembly work.
- The lightweight clamp is easy to handle, easy to set, lock, and release.
- Max. Clamping Pressure: 120 kg
- Throat Depth: 76 mm

Part No.	Capacity (mm)	Rail Size (mm)	Weight (kg)
VER45	114	19 x 6	0.3
VER85	216	19 x 6	0.4
VER125	318	19 x 6	0.6
VER165	419	19 x 6	0.7

Economy Light Duty

- Clamping Pressure: 140 kg
- Throat Depth: 65 mm
- Standard Pads



Part No.	Capacity (mm)	Rail Size (mm)	Tapped Hole	Weight (kg)
UB45AM	114	13 x 6	M6	0.4
UB65AM	165	13 x 6	M6	0.4
UB85AM	216	13 x 6	M6	0.5
UB125AM	318	13 x 6	M6	0.5
UB165AM	419	13 x 6	M6	0.6
UB205AM	521	13 x 6	M6	0.6

Non-Marring Rubber Pads



Slip-on top and bottom clamp jaws to protect wood, metal, or synthetic work surfaces. Each package contains 2 sets.

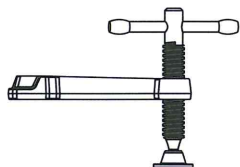
Part No.	Description	Weight (kg)
XBP2	For UB model clamps	0.02
XDP2	For UD model clamps	0.02
XEP2	For UE model clamps	0.03
XFP2	For UF model clamps	0.03
XGP2	For UG model clamps	0.04

Accessories

Replacement Parts and Accessories.

U-Clamps Replaceable Parts

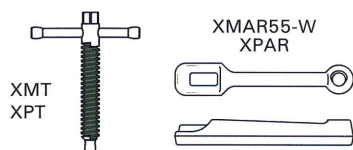
Replaceable Arm and Spindle Kits



P/N For U-Clamps Series

XFR	UF Series
XGR	UG Series
XMR2	UM Series (Equipped with H.D. Pad)
XMRP2	UM Series (Equipped with Std. Pad)
XPR	UP Series

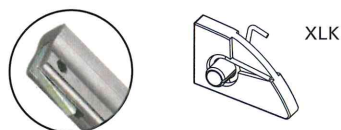
Individual Clamp Arms and Spindles



P/N Description

XMT	Spindle for UM Series
XPT	Spindle for UP Series
XMAR55-W	Clamp Arm for UM Series
XPAR	Clamp Arm for UP Series

Spring Stop Replacement Kit

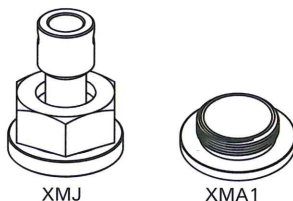


P/N Description

XLK	For UE, UF, UG & UM series clamps.
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Heavy Duty Replaceable Pads

Replacement joints and pads for UM & UP clamps.



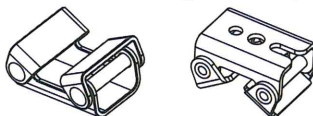
P/N Description

XMJ	Joint & Pad Kit for UM & UP Clamps
XMA1	Replacement Pad only

V-Pads (For U-Clamps & Pliers)

Standard V-Pads

To hold round & angled workpieces.

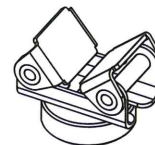


P/N Tapped Hole For Clamps For Pliers

XDV	M8	UD Series	PG622 / PG634
XFV	M10	UE, UF, UG Series	PG114 / PG134 PG204 / PGA20
XMV	M10	UM, UP Series	--
XPV	M10	UP Series	--
XDVS	M8	UD Series	PG622 / PG634
XFVS	M10	UE, UF, UG Series	PG114 / PG134 PG204 / PGA20
XMVS	M10	UM, UP Series	--

Top V-Pads (For U-Clamps)

Attach to the top of Utility Clamps equipped with **Standard Pads**.



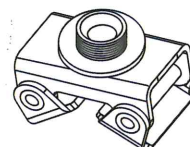
» Light Duty & Value Series

P/N For U-Clamps Series

XDA2	UD Series
XFA2	UE, UF, UG Series
XMA2	UM, UP Series
XDA2S	UD Series
XFA2S	UE, UF, UG Series
XMA2S	UM, UP Series

Screw-On V-Pads

Attach to the top of Utility Clamps equipped with **Heavy Duty Pads**.



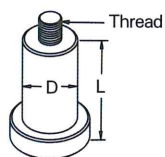
» For Regular and Heavy Duty Series

P/N For U-Clamps Series

XMA	UM, UP Series
XMAS	UM, UP Series

Extender Blocks (For U-Clamps)

Attach to U-Clamps for Step-Over and Spreading applications.

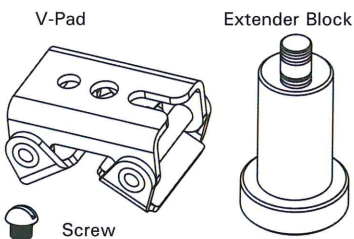


P/N Thread D L For Clamps

XDB1M	M8	16 mm	25 mm	UD Series
XFBM	M10	18 mm	51 mm	UE, UF, UG Series
XMB2M	M10	22 mm	51 mm	UM, UP Series

4-IN-1 Packages (For U-Clamps)

Convert all Utility Clamps into 4-IN-1 Clamps. Includes a V-pad, an Extender Block, and a screw.



P/N V-Pad / Extender Block

XDVB	XDV / XDB1 (For UD Models)
XFVB	XFV / XFB (For UE, UF, UG Models)
XMVB	XMV / XMB2 (For UM, UP Models)

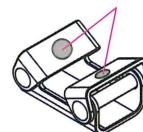
Pliers Replacement Parts

Rare earth magnetic V-Pads for holding round and angled pipes.

2 magnets Version (Top only):

XDV2 / XFV2

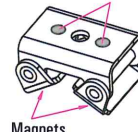
Magnets



4 magnets version (Top & Bottom):

XDV4 / XFV4

Magnets



» XDV4 & XFV4 are table mount versions.

P/N Tapped Hole For Clamps For Pliers

XDV2	M8	UD Series	PG622 / PG634
XDV4	M8	--	--
XFV2	M10	UE, UF, UG Series	PG114 / PG134 PG204 / PGA20
XFV4	M10	--	--