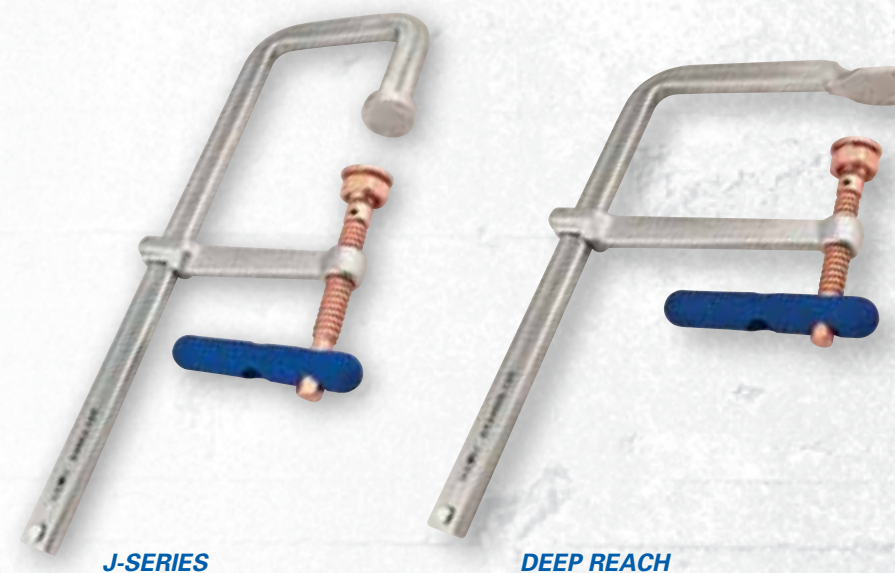
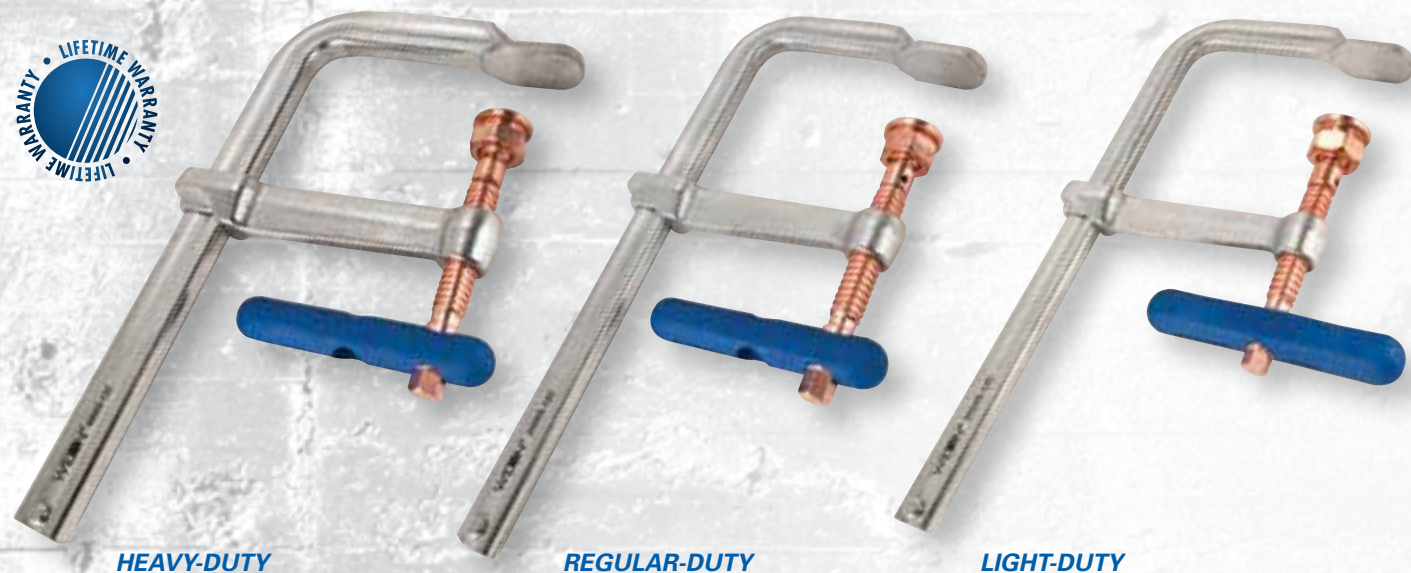


SPARK-DUTY™ COPPER-PLATED F-CLAMPS

THE SERIOUS WELDER'S CHOICE

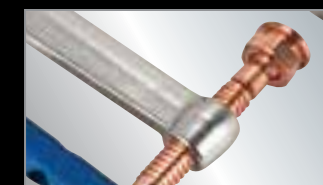
BUILT FOR IRREGULAR SHAPES



V-GROOVE PAD
INCLUDED



ERGONOMIC GRIP
INCLUDED



COPPER-PLATED
SPINDLE

FEATURES

DROP-FORGED ARM:

- Minimal flex under heavy workloads

SPARK-DUTY™ COPPER-PLATED SPINDLE:

- Extends the life of the clamp by protecting the spindle and pad from harmful welding spatter

QUICK-TWIST PADS:

- Simple and fast replaceable pads in V-Groove or serrated surfaces

V-GROOVE PAD

- Included with every clamp. Clamp round objects up to 14" in diameter

ERGONOMIC WILTON-GRIP®:

- Anti-Fatigue Wilton-Grip® provides comfort during repetitive clamping

Stock No.	Model	Nominal Opening Capacity (in.)	Throat Depth (in.)	Clamping Force (lbs.)	Net Weight (lbs.)
SPARK-DUTY™ 4800S SERIES – HEAVY-DUTY					
86500	4800S-12C	12	7	4,880	12
86510	4800S-18C	18	7	4,880	15
86520	4800S-24C	24	7	4,880	16
86530	4800S-36C	36	7	4,880	21
86540	4800S-48C	48	7	4,880	24
86550	4800S-60C	60	7	4,880	27
SPARK-DUTY™ 2400S SERIES – REGULAR-DUTY					
86400	2400S-8C	8	5-1/2	2,660	6
86410	2400S-12C	12	5-1/2	2,660	7
86420	2400S-16C	16	4-3/4	2,660	7
86430	2400S-20C	20	5-1/2	2,660	8
86440	2400S-24C	24	4-3/4	2,660	9
86450	2400S-36C	36	5-1/2	2,660	12
86460	2400S-48C	48	5-1/2	2,660	14
86470	2400S-60C	60	5-1/2	2,660	15
SPARK-DUTY™ 2000S SERIES – LIGHT-DUTY					
86300	2000S-8C	8	4-3/4	2,000	5
86310	2000S-12C	12	5-1/2	2,000	5
86320	2000S-18C	18	4-3/4	2,000	6
86330	2000S-24C	24	4-3/4	2,000	7

FEATURES

J-SHAPED RAIL (J-SERIES):

- Steps over I-Beams and irregular shapes

INCREASED THROAT DEPTH (DEEP REACH):

- Provides deeper reach for unique projects

SPARK-DUTY™ COPPER-PLATED SPINDLE:

- Extends the life of the clamp by protecting the spindle and pad from harmful welding spatter

QUICK-TWIST PADS:

- Simple and fast replaceable pads in V-Groove or serrated surfaces

V-GROOVE PAD

- Included with every clamp. Clamp round objects up to 16" in diameter

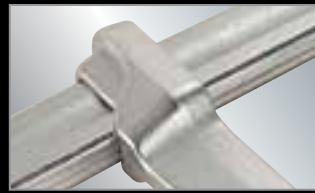
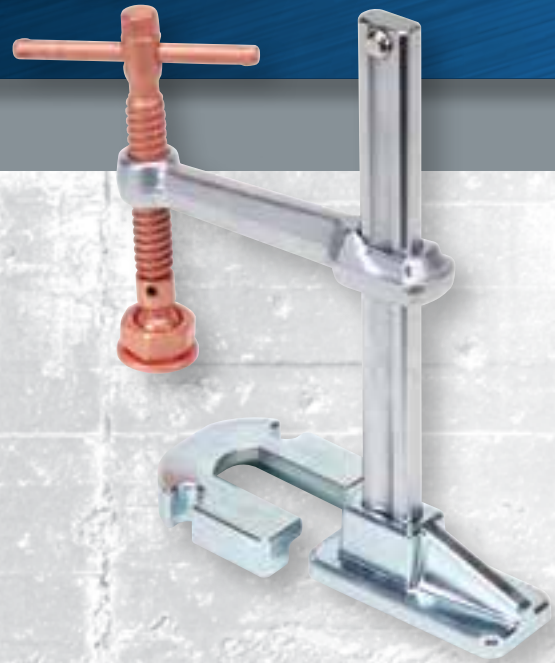
ERGONOMIC WILTON-GRIP®:

- Anti-Fatigue Wilton-Grip® provides comfort during repetitive clamping

Stock No.	Model	Nominal Opening Capacity (in.)	Throat Depth (in.)	Clamping Force (lbs.)	Net Weight (lbs.)
SPARK-DUTY™ J-SERIES					
86900	1200J-10C	10	4-3/4	1,200	4
86910	2400J-12C	12	5-1/2	2,400	8
86920	4800J-20C	20	7	4,800	19
SPARK-DUTY™ DEEP REACH					
86700	DT2400S-12C	12	8	1,770	8
86710	DT2400S-24C	24	8	1,770	10



SPARK-DUTY™ WELDERS SHOE CLAMP



FORGED SLIDE ARM



PERMA-PADS®



COPPER-PLATED SPINDLE

COPPER PLATED SPARK-DUTY™ F-CLAMP ACCESSORIES



FEATURES

SPARK-DUTY™ COPPER-PLATED SPINDLE:

- Extends the life of the clamp by protecting the spindle and pad from harmful welding spatter

HEAVY-DUTY SHOE:

- Bolt or weld shoe to workstation for maximum stability

DROP-FORGED ARM:

- Slides up and down robust rail for rapid loading

Stock No.	Model	Nominal Opening Capacity (in.)	Throat Depth (in.)	Nominal Rail Size (in.)	Clamping Force (lbs.)	Nominal Spindle Diameter (in.)	Net Weight (lbs.)
SPARK-DUTY™ WELDERS SHOE CLAMP							
63295	-	8-1/2	5-1/2	1-3/16 x 9/16	2,600	3/4	8

IDEAL FOR

- Production work
- Repetitive welding
- High-efficiency



Stock No.	Model	Wilton Grip Stock No.	Plain Pad Stock No.	Serrated Pad Stock No.	V-Pad Stock No.	Nut Stock No.	Joint with Spring Pin Stock No.	Spindle and Handle with Spring Pin Stock No.
SPARK-DUTY™ 2000S SERIES								
86300	2000S-8C	1713511	2909101	2909201	2909301	1701701	1701501	1701601
86310	2000S-12C	1713551	2909101	2909201	2909301	1701701	1701501	1701601
86320	2000S-18C	1713511	2909101	2909201	2909301	1701701	1701501	1701601
86330	2000S-24C	1713511	2909101	2909201	2909301	1701701	1701501	1701601
SPARK-DUTY™ 2400S SERIES								
86400	2400S-8C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86410	2400S-12C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86420	2400S-16C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86430	2400S-20C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86440	2400S-24C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86450	2400S-36C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86460	2400S-48C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86470	2400S-60C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
SPARK-DUTY™ 4800S SERIES								
86500	4800S-12C	1713561	2909102	2909202	2909302	1701702	1701502	1701603
86510	4800S-18C	1713561	2909102	2909202	2909302	1701702	1701502	1701603
86520	4800S-24C	1713561	2909102	2909202	2909302	1701702	1701502	1701603
86530	4800S-36C	1713561	2909102	2909202	2909302	1701702	1701502	1701603
86540	4800S-48C	1713561	2909102	2909202	2909302	1701702	1701502	1701603
86550	4800S-60C	1713561	2909102	2909202	2909302	1701702	1701502	1701603
SPARK-DUTY™ DEEP REACH SERIES								
86700	DT2400S-12C	1713551	2909101	2909201	2909301	1701701	1701501	1701601
86710	DT2400S-24C	1713551	2909101	2909201	2909301	1701701	1701501	1701601
SPARK-DUTY™ J SERIES								
86900	1200J-10C	1713551	2909100	2909200	2909300	1701700	1701500	1701600
86910	2400J-12C	1713551	2909102	2909202	2909302	1701702	1701502	1701602
86920	4800J-20C	1713561	2909102	2909202	2909302	1701702	1701502	1701603