

Wilton Tools

Master Instruction Manual Index





WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY. BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW.

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES. THIS CAN CAUSE THE HANDLES TO BEND AND OVER STRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

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- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
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- NEVER UNSCREW MOVABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
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INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ÉCROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION.
- NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.

- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ÉCROUS SUR LES CÔTÉS DE L'ÉTAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ÉCROUS-CELA POURRAIT TORDRE LES POIGNÉES.
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WILTON, a Division of JPW Industries, Inc.
427 New Sanford Rd.
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800-274-6848
www.wiltontools.com



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
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- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.

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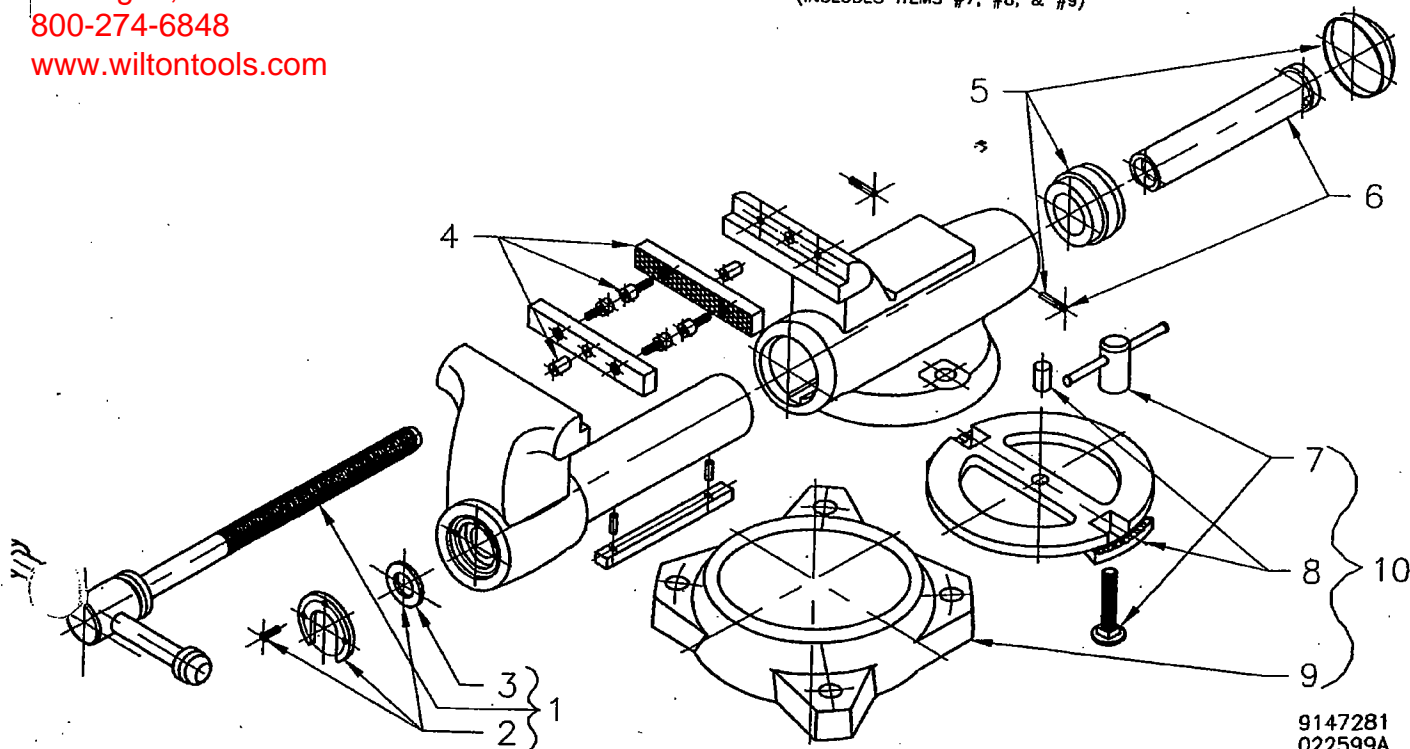
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REPLACEMENT PARTS

ITEM NO.	PART DESCRIPTION	MODEL 300S
1	SPINDLE ASSEMBLY COMPLETE	2900000
2	SPINDLE RETAINER (W/ 3 SCREWS & #3)	2904000
3	THRUST WASHER (NOT FURNISHED SEPARATELY)	
4	SERRATED JAW INSERTS WITH (4) SCREWS	2903080
4a	SMOOTH JAW INSERTS WITH (4) SCREWS	2903090
5	END PIECE ASSEMBLY COMPLETE W/(2) PINS	2903100
6	CASING NUT W/ (2) PINS	2903110
7	LOCK NUT ASSEMBLIES	2904060
8	INNER RING WITH DOWEL PIN	1010900
9	OUTER RING ONLY	1012010
10	SWIVEL BASE ASSEMBLY COMPLETE (INCLUDES ITEMS #7, #8, & #9)	2904370



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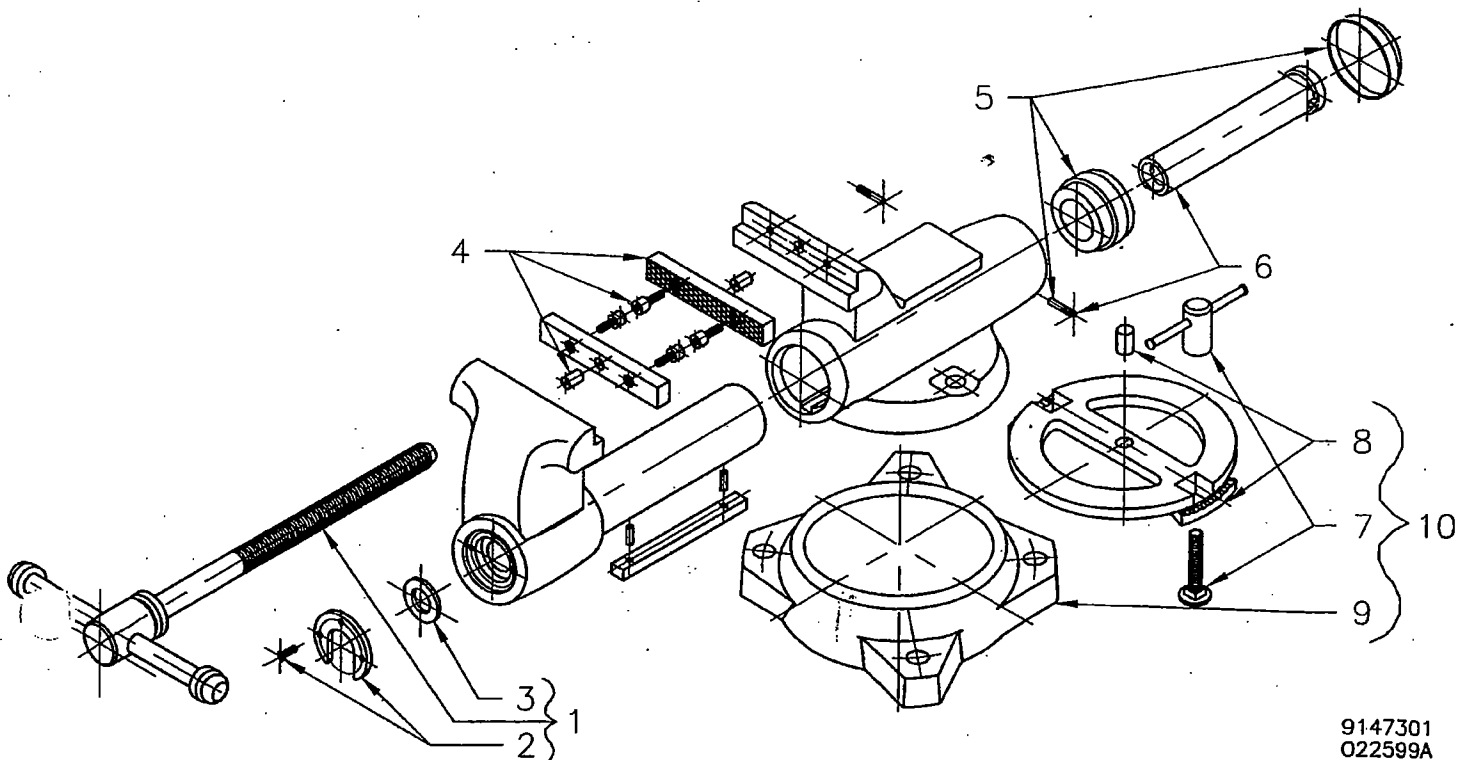
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ITEM NO.	PART DESCRIPTION	MODEL 350S
1	SPINDLE ASSEMBLY COMPLETE	2900010
2	SPINDLE RETAINER (W/ 3 SCREWS & #3)	2904000
3	THRUST WASHER (NOT FURNISHED SEPARATELY)	
4	SERRATED JAW INSERTS WITH (4) SCREWS	2904960
4a	SMOOTH JAW INSERTS WITH (4) SCREWS	2904970
5	END PIECE ASSEMBLY COMPLETE W/(2) PINS	2904390
6	CASING NUT W/(2) PINS	2900130
7	LOCK NUT ASSEMBLIES	2900990
8	INNER RING WITH DOWEL PIN	1010880
9	OUTER RING ONLY	1011990
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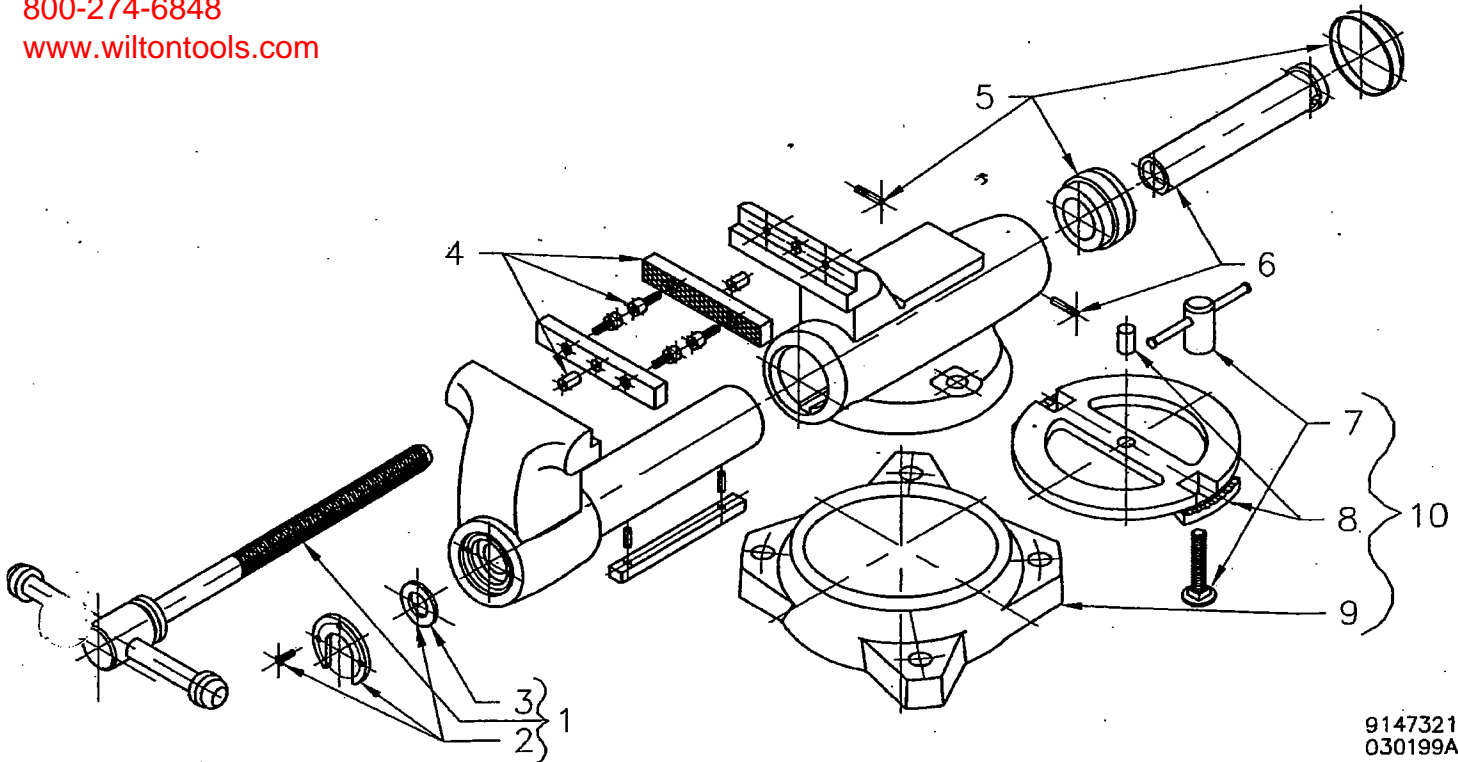
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REPLACEMENT PARTS

ITEM NO.	PART DESCRIPTION	MODEL 400S
1	SPINDLE ASSEMBLY COMPLETE	2900020
2	SPINDLE RETAINER (W/ 3 SCREWS & #3)	2904010
3	THRUST WASHER (NOT AVAILABLE SEPARATELY)	
4	SERRATED JAW INSERTS WITH (4) SCREWS	2904980
4a	SMOOTH JAW INSERTS WITH (4) SCREWS	2904990
5	END PIECE ASSEMBLY COMPLETE W/(2) PINS	2900080
6	CASING NUT W/(2) PINS	2900120
7	LOCK NUT ASSEMBLIES	2904270
8	INNER RING WITH DOWEL PIN	1010810
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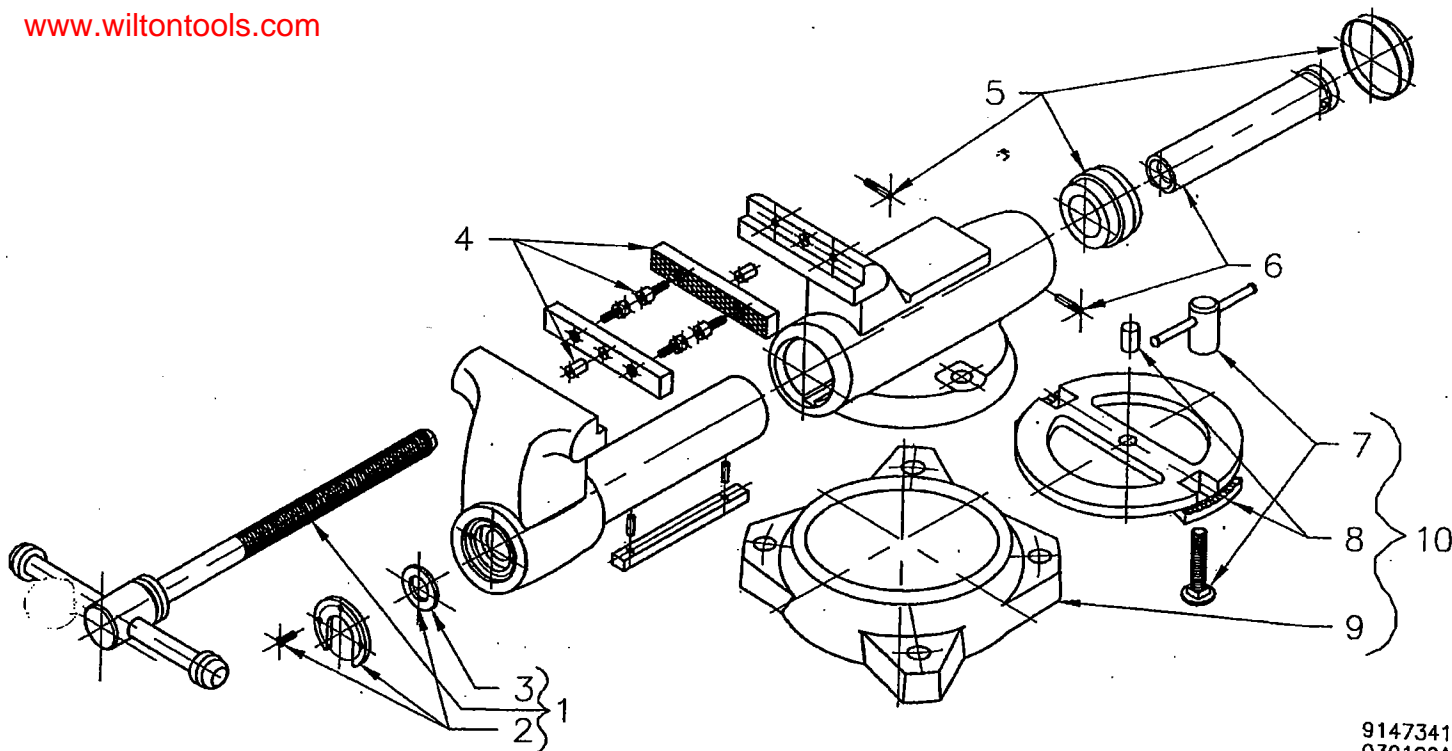
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- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES. THIS CAN CAUSE THE HANDLES TO BEND AND OVER STRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION, OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET À D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

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ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESIÓN DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE.
- NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGÚN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERSCAS EN LOS LADOS DEL TORNILLO DE BANCO.

NO USE NUNCA UN TUBO DE EXTENSIÓN PARA APRETAR LAS PALANCAS EN LAS CONTRATUERSCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

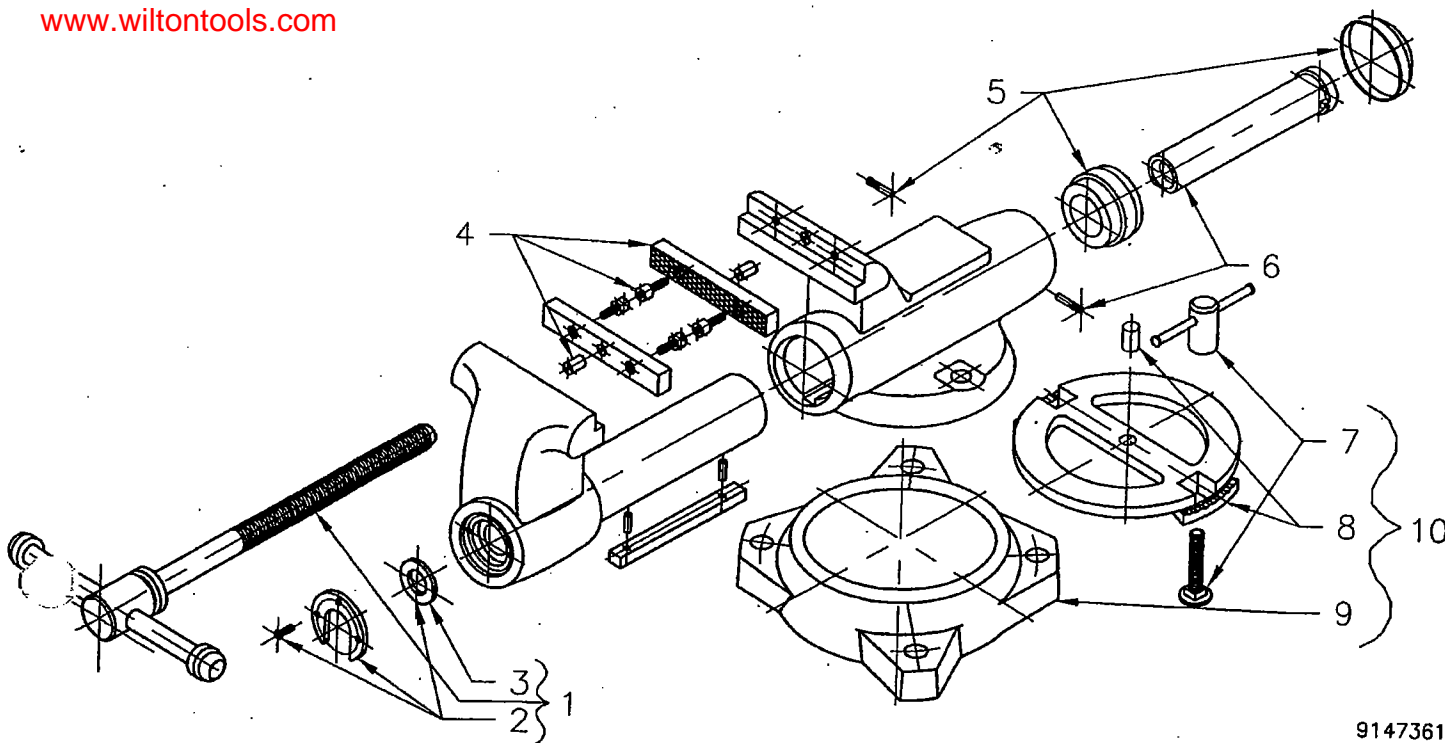
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- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSIÓN O UN ALARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.

- NO DESATORNILLE NUNCA LA MORDAZA MÓVIL MÁS ALLÁ DE LA ABERTURA ESPECIFICADA MÁXIMA DEL TORNILLO DE BANCO.
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REPLACEMENT PARTS

ITEM NO.	PART DESCRIPTION	MODEL 500S
1	SPINDLE ASSEMBLY COMPLETE	2900040
2	SPINDLE RETAINER (W/ 3 SCREWS & #3)	2904070
3	THRUST WASHER (NOT AVAILABLE SEPARATELY)	
4	SERRATED JAW INSERTS WITH (4) SCREWS	2905020
4a	SMOOTH JAW INSERTS WITH (4) SCREWS	2905030
5	END PIECE ASSEMBLY COMPLETE W/(2) PINS	2900960
6	CASING NUT W/(2) PINS	2900750
7	LOCK NUT ASSEMBLIES	2904270
8	INNER RING WITH DOWEL PIN	1010810
9	OUTER RING ONLY	1011980
10	SWIVEL BASE ASSEMBLY COMPLETE (INCLUDES ITEMS #7, #8, & #9)	2904120



9147361
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 427 New Sanford Rd.
 LaVergne, TN 37086
 800-274-6848
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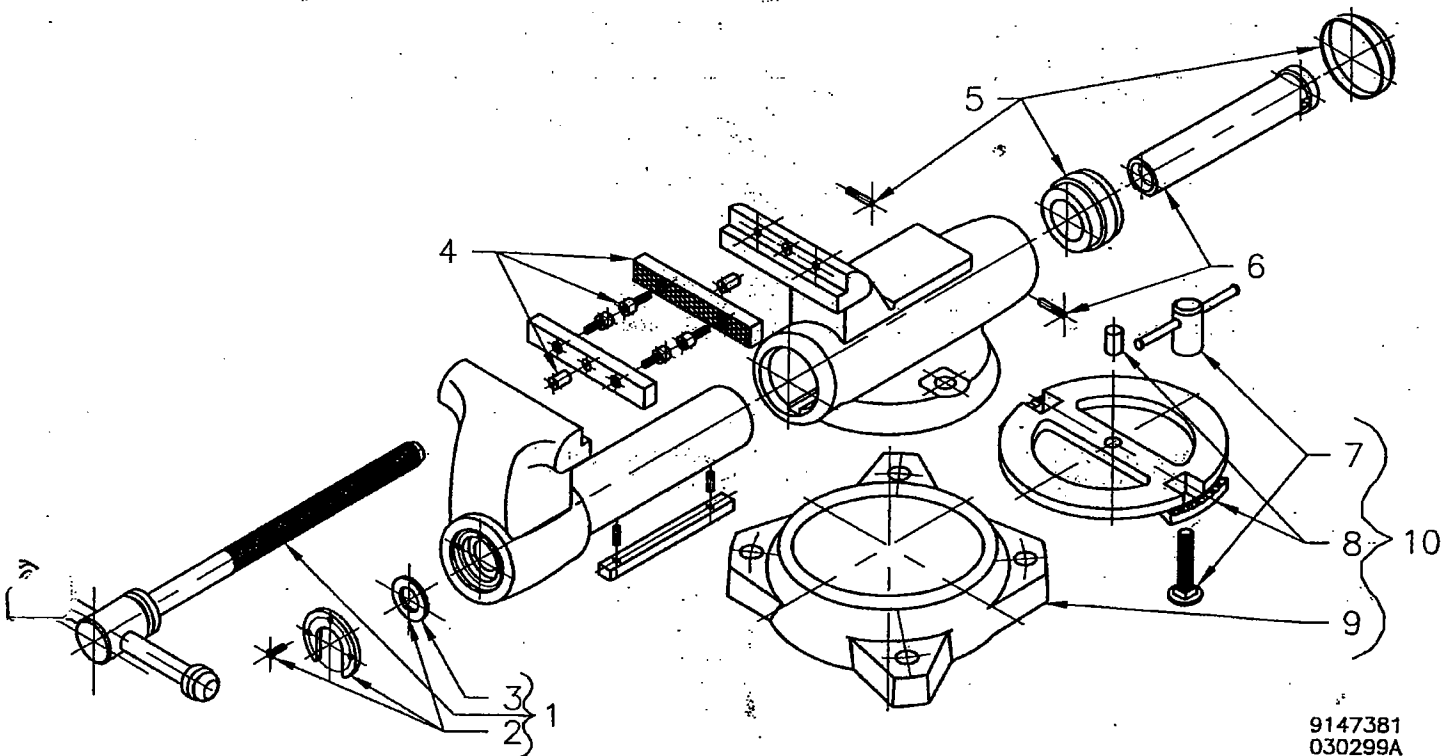
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REPLACEMENT PARTS

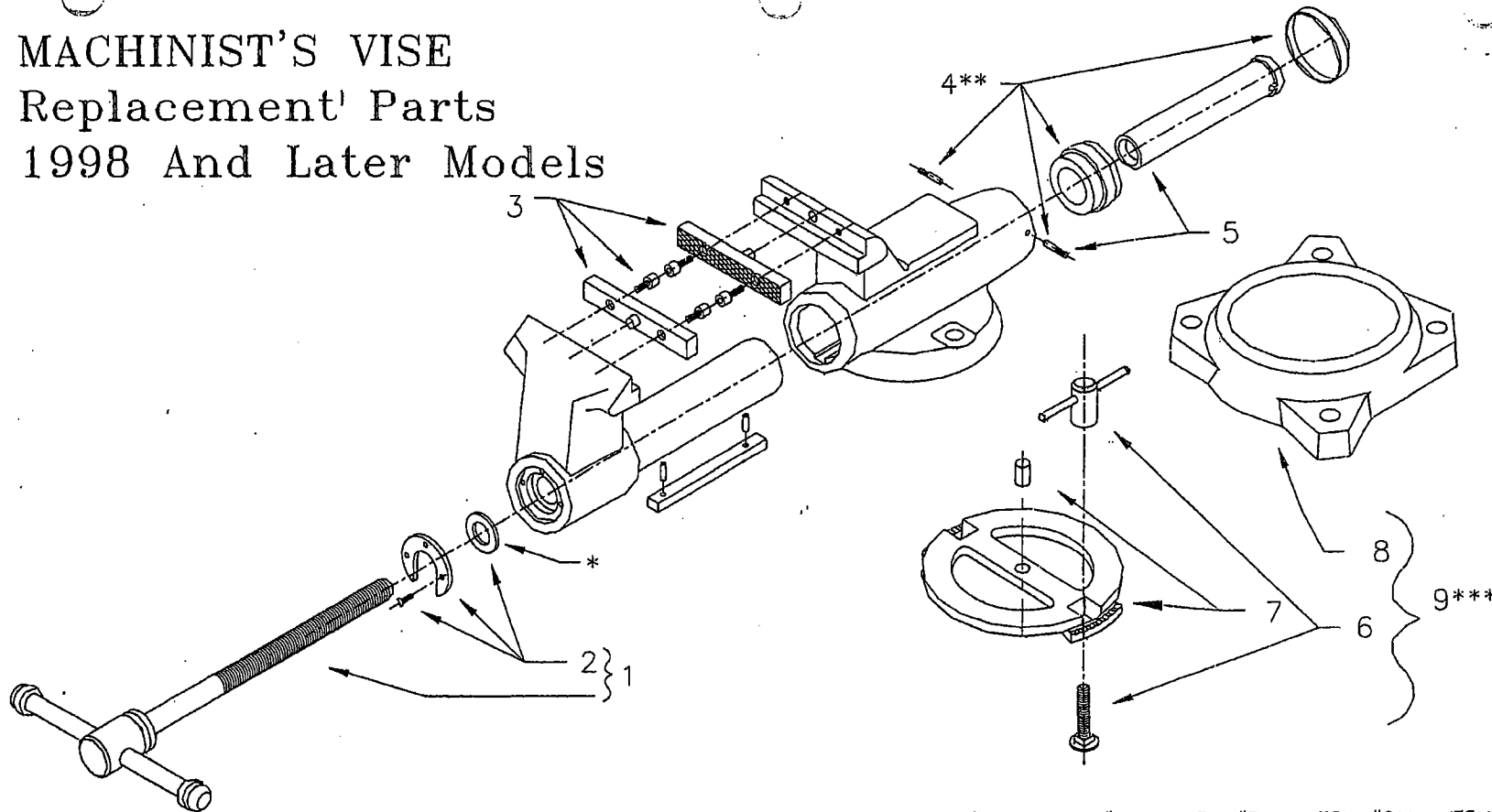
ITEM NO.	PART DESCRIPTION	MODEL 600S
1	SPINDLE ASSEMBLY COMPLETE	2900050
2	SPINDLE RETAINER (W/ 3 SCREWS & #3)	2904500
3	THRUST WASHER (NOT FURNISHED SEPARATELY)	
4	SERRATED JAW INSERTS WITH (4) SCREWS	2903280
5	END PIECE ASSEMBLY COMPLETE W/(2) PINS	2901070
6	CASING NUT W/(2) PINS	2901080
7	LOCK NUT ASSEMBLIES	2904160
8	INNER RING WITH DOWEL PIN	1010830
9	OUTER RING ONLY	1010840
10	SWIVEL BASE ASSEMBLY COMPLETE (INCLUDES ITEMS #7, #8, & #9)	2904150



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030299A

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MACHINIST'S VISE Replacement' Parts 1998 And Later Models



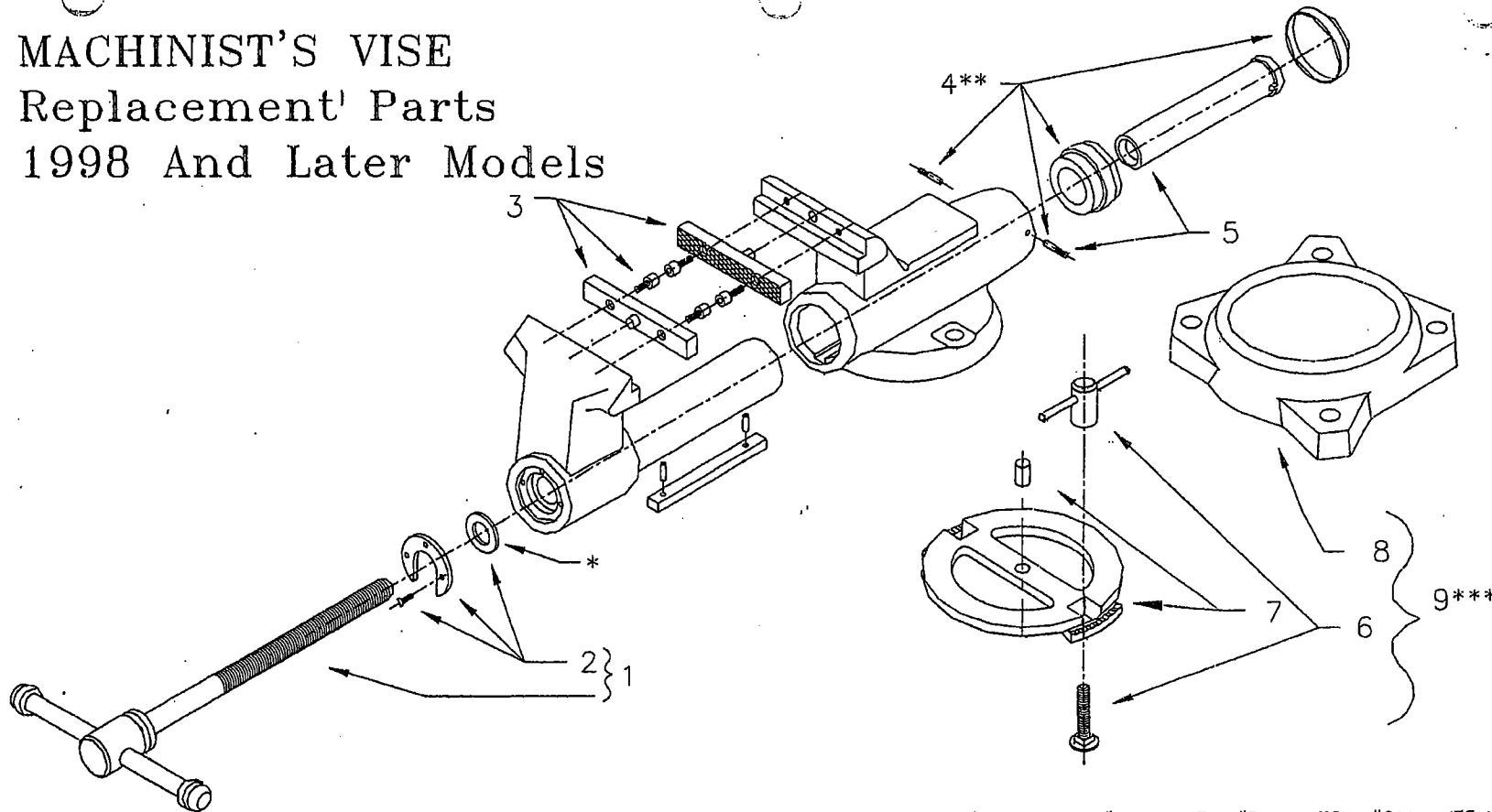
WILTON MODEL NUMBER	STATIONARY JAW CASTING NUMBER: REFERENCE	ITEM #1 SPINDLE ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3a SERRATED JAW INSERTS W/ SCREWS	ITEM #3b SMOOTH JAW INSERTS W/ SCREWS	ITEM #4** END PIECE ASSEMBLY W/ 2 PINS	ITEM #5 SPINDLE NUT, WITH 2 PINS	ITEM #6*** LOCK NUT AND BOLT ASSEMBLIES	ITEM #7*** INNER RING WITH DOWEL PIN	ITEM #8*** OUTER RING ONLY	ITEM #9*** SWIVEL BASE ASSEMBLY (#6, #7, & #8)
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300	101321	2900000	2904000	2903080	2903090	2903100	2903110	2904060	1010900	1012010	2904370
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450	111276	2900030	2904010	2905000	2905010	2900080	2907670	2904270	1010810	1011980	2904120
500	100501	2900040	2904070	2905020	2905030	2900740	2900750	2904270	1010810	1011980	2904120
600	101130	2900050	2904500	2903280	NOT AVAIL.	2900760	2900100	2904160	1010830	1010840	2904150
800	101106	2907050	2904540*	2904940	NOT AVAIL.	2904550	2900090	2905230	1011070	1011080	2904580

* Washer is not used on model 800 vise.

*** Items 6 thru 9 are not used on "N" model vises.

** The end piece is internal and covered with a large diameter end cap.

MACHINIST'S VISE Replacement' Parts 1998 And Later Models



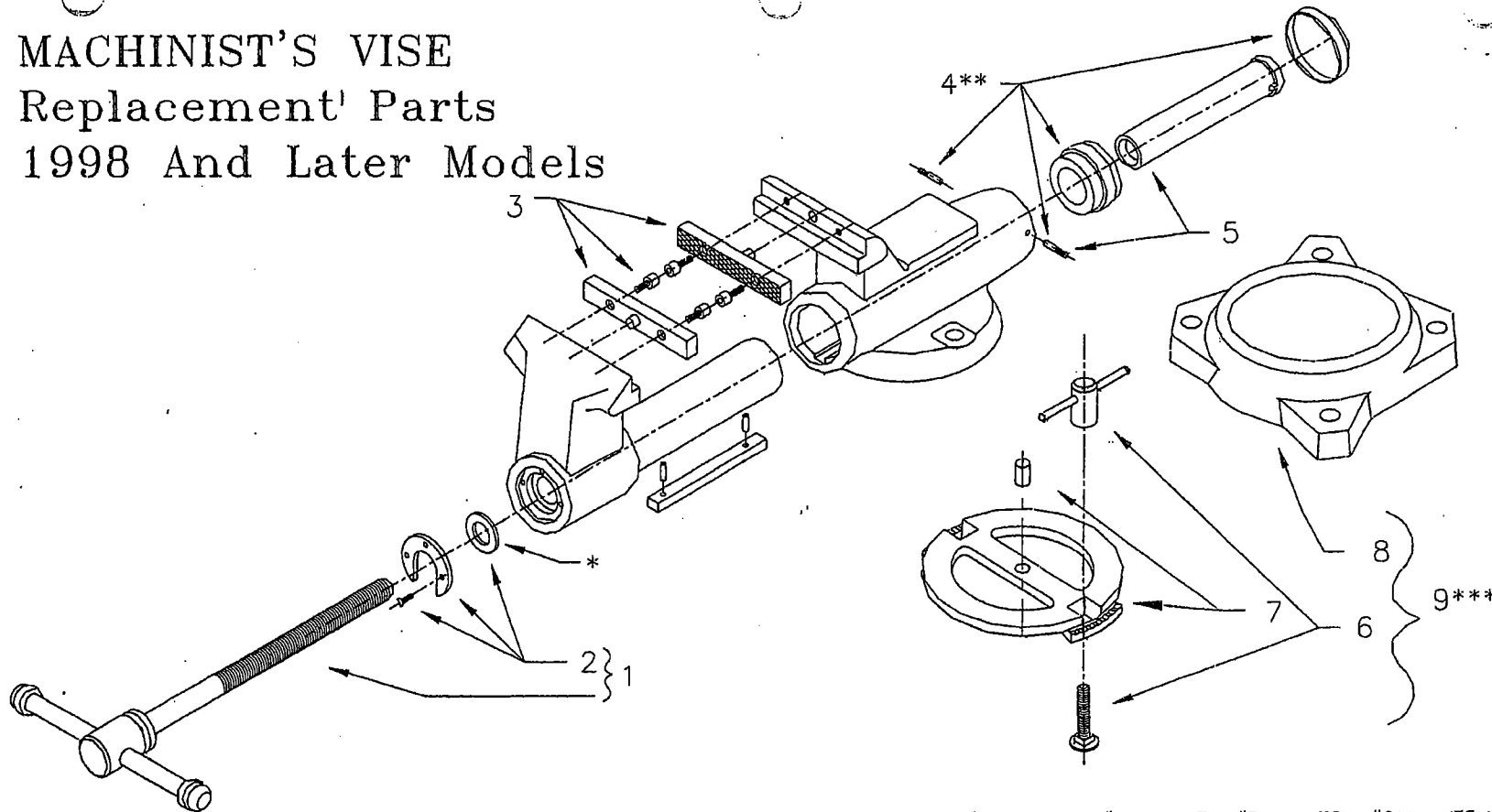
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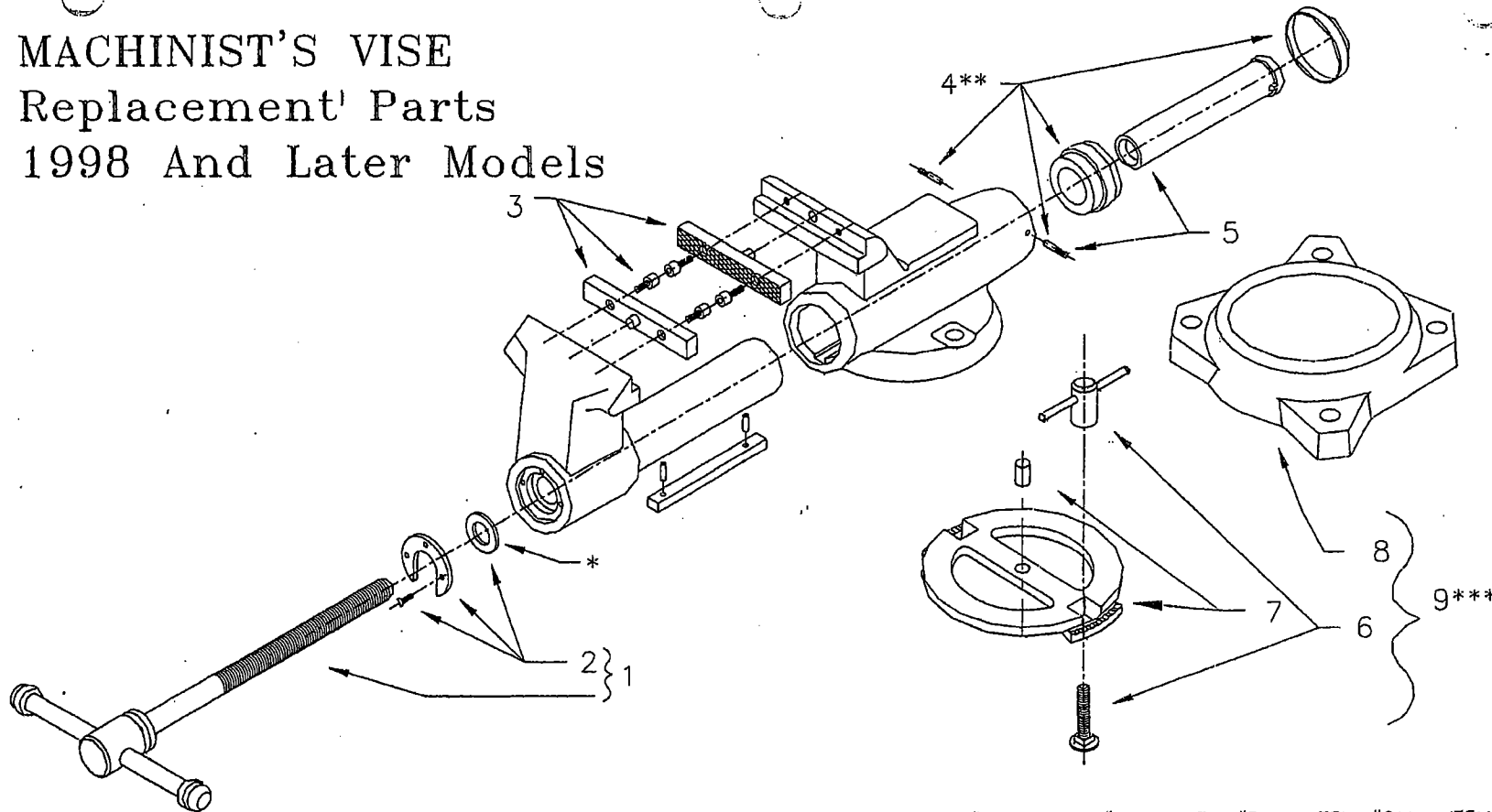
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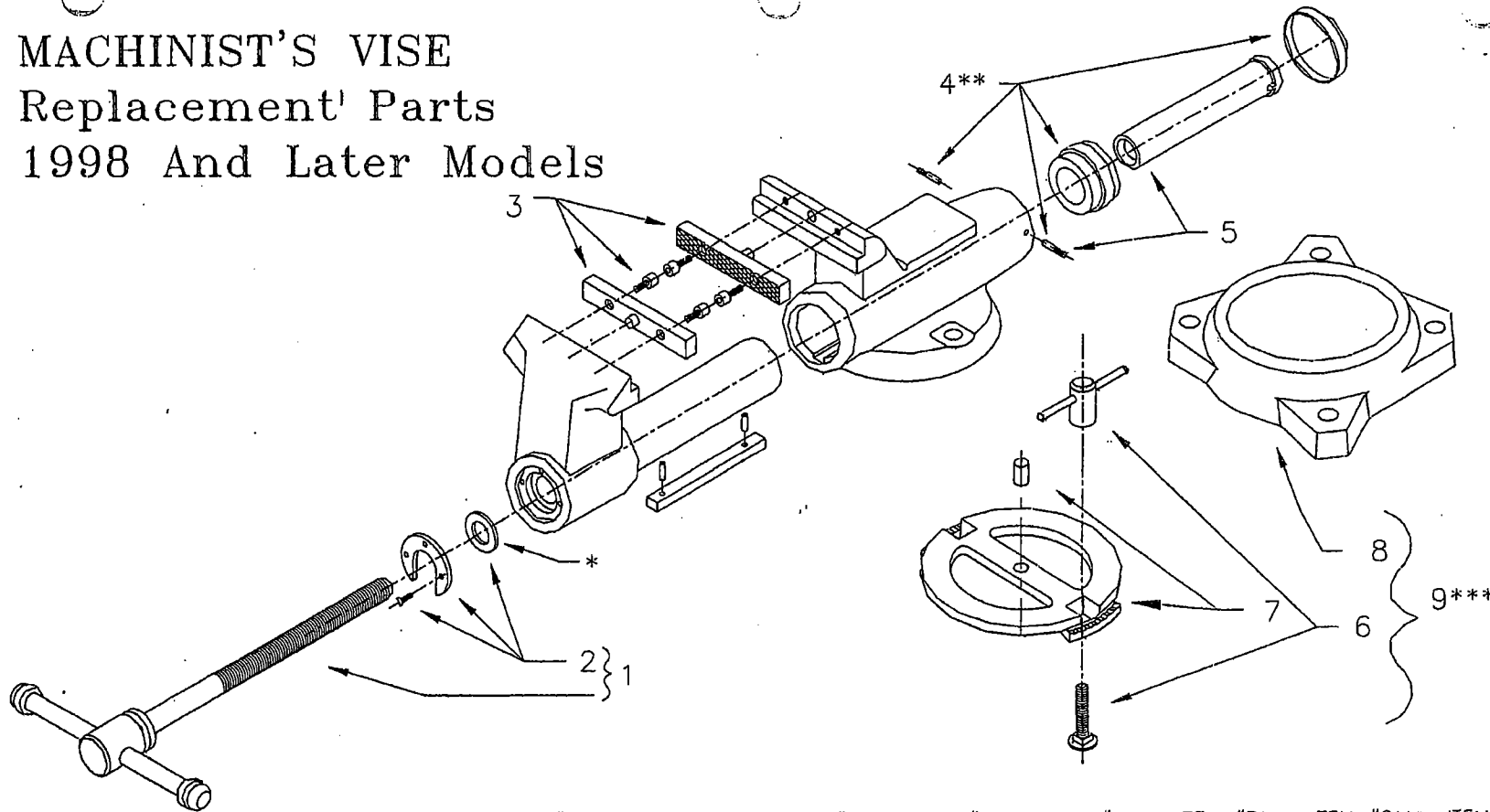
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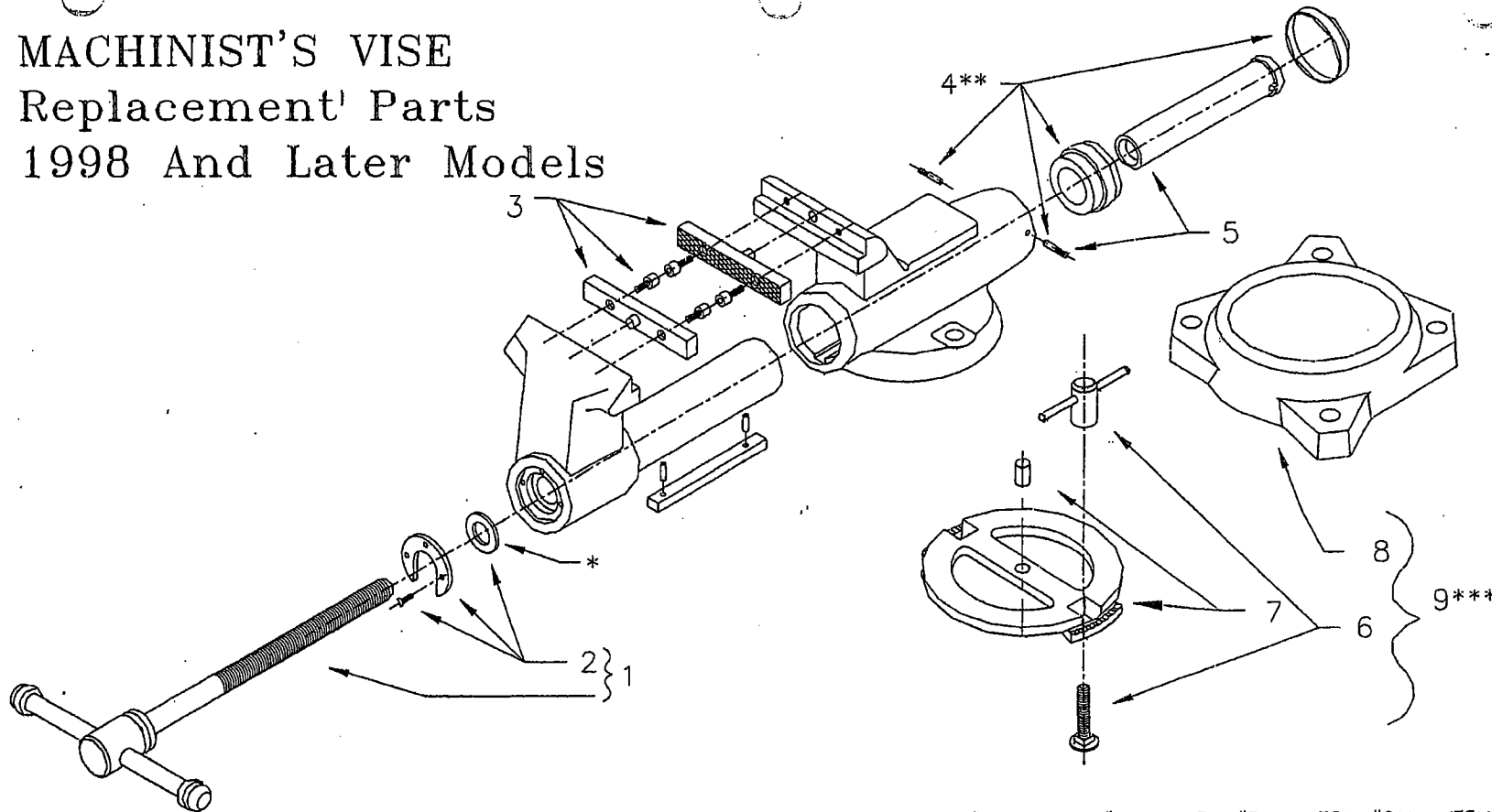
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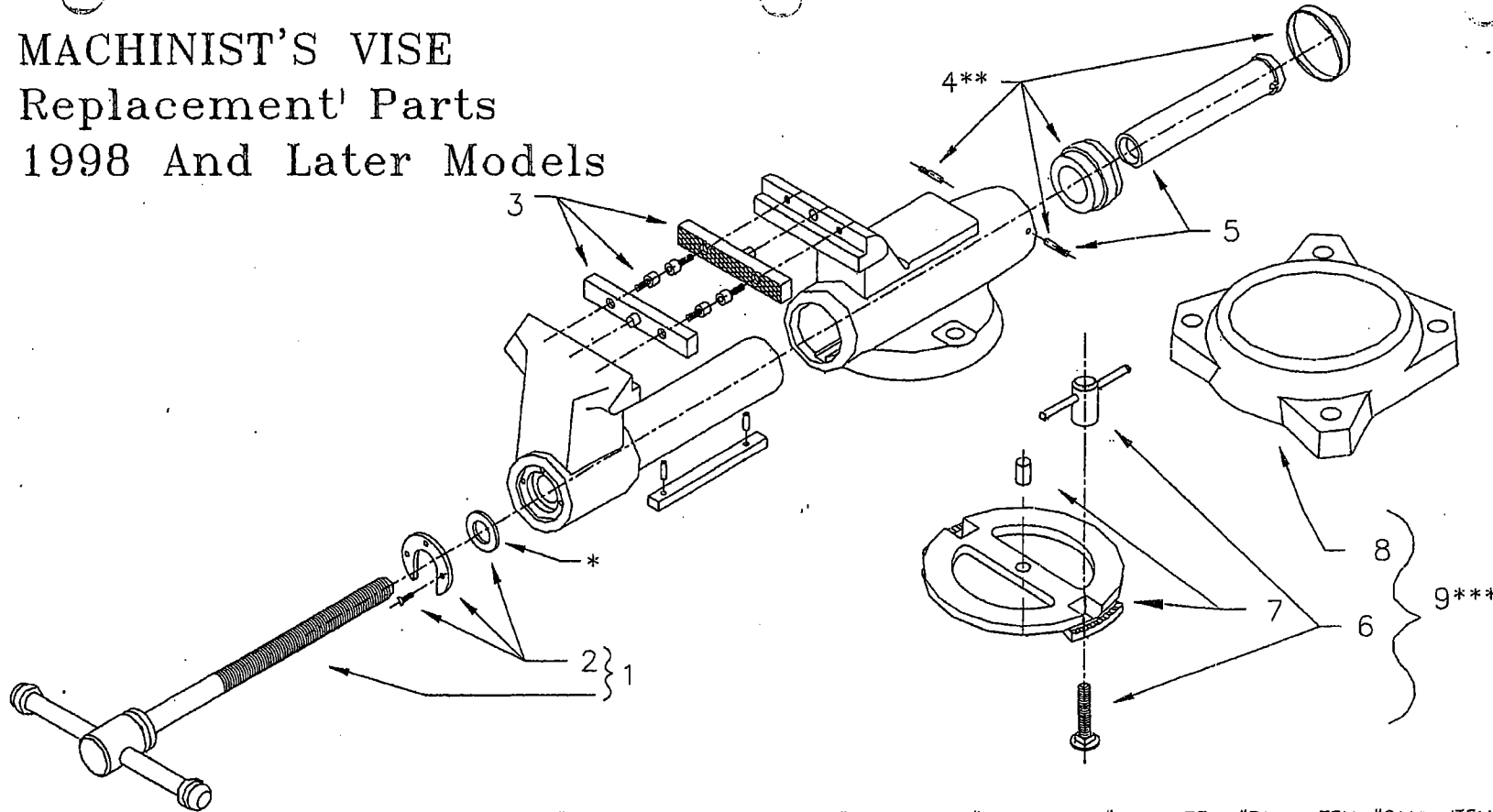
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400	111268	2900020	2904010	2904980	2904990 2905010	2900080	2900120	2904270	1010810	1011980	2904120
450	111276	2900030	2904010	2905000	2905010	2900080	2907670	2904270	1010810	1011980	2904120
500	100501	2900040	2904070	2905020	2905030	2900740	2900750	2904270	1010810	1011980	2904120
600	101130	2900050	2904500	2903280	NOT AVAIL.	2900760	2900100	2904160	1010830	1010840	2904150
800	101106	2907050	2904540*	2904940	NOT AVAIL.	2904550	2900090	2905230	1011070	1011080	2904580

* Washer is not used on model 800 vise.

*** Items 6 thru 9 are not used on "N" model vises.

** The end piece is internal and covered with a large diameter end cap.

MACHINIST'S VISE Replacement' Parts 1998 And Later Models



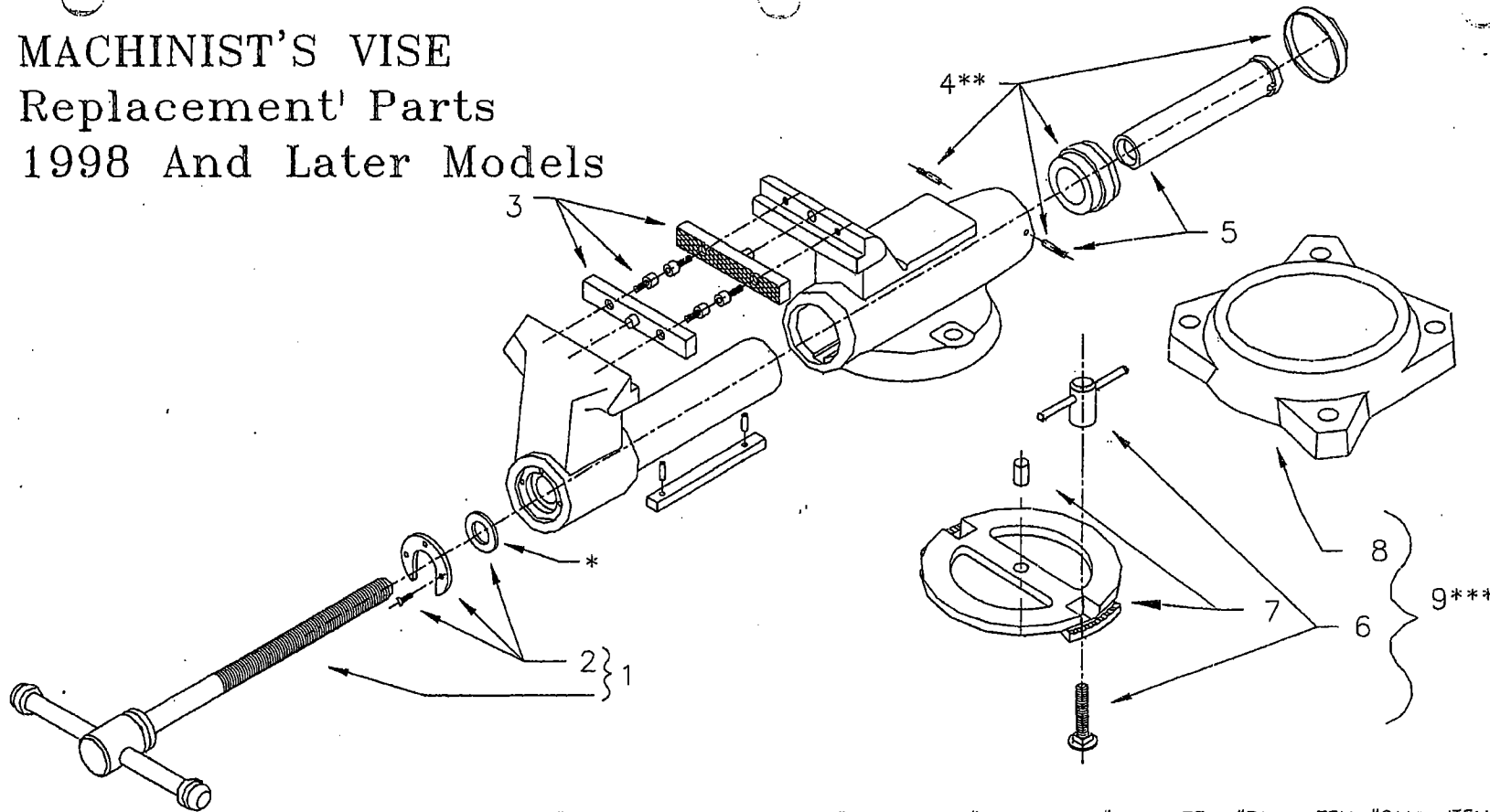
WILTON MODEL NUMBER	STATIONARY JAW CASTING NUMBER: REFERENCE	ITEM #1 SPINDLE ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3a SERRATED JAW INSERTS W/ SCREWS	ITEM #3b SMOOTH JAW INSERTS W/ SCREWS	ITEM #4** END PIECE ASSEMBLY W/ 2 PINS	ITEM #5 SPINDLE NUT, WITH 2 PINS	ITEM #6*** LOCK NUT AND BOLT ASSEMBLIES	ITEM #7*** INNER RING WITH DOWEL PIN	ITEM #8*** OUTER RING ONLY	ITEM #9*** SWIVEL BASE ASSEMBLY (#6, #7, & #8)
250	101008	2900060	2904280	2903040	NOT AVAIL.	2904290	2900070	2904330	1010110	1010100	NOT AVAIL.
300	101321	2900000	2904000	2903080	2903090	2903100	2903110	2904060	1010900	1012010	2904370
350	111286	2900010	2904000	2904960	2904970	2904300 2900130	2900130	2904270	1010880	1011990	2904050
400	111268	2900020	2904010	2904980	2904990 2905010	2900080	2900120	2904270	1010810	1011980	2904120
450	111276	2900030	2904010	2905000	2905010	2900080	2907670	2904270	1010810	1011980	2904120
500	100501	2900040	2904070	2905020	2905030	2900740	2900750	2904270	1010810	1011980	2904120
600	101130	2900050	2904500	2903280	NOT AVAIL.	2900760	2900100	2904160	1010830	1010840	2904150
800	101106	2907050	2904540*	2904940	NOT AVAIL.	2904550	2900090	2905230	1011070	1011080	2904580

* Washer is not used on model 800 vise.

*** Items 6 thru 9 are not used on "N" model vises.

** The end piece is internal and covered with a large diameter end cap.

MACHINIST'S VISE Replacement' Parts 1998 And Later Models



WILTON MODEL NUMBER	STATIONARY JAW CASTING NUMBER: REFERENCE	ITEM #1 SPINDLE ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3a SERRATED JAW INSERTS W/ SCREWS	ITEM #3b SMOOTH JAW INSERTS W/ SCREWS	ITEM #4** END PIECE ASSEMBLY W/ 2 PINS	ITEM #5 SPINDLE NUT, WITH 2 PINS	ITEM #6*** LOCK NUT AND BOLT ASSEMBLIES	ITEM #7*** INNER RING WITH DOWEL PIN	ITEM #8*** OUTER RING ONLY	ITEM #9*** SWIVEL BASE ASSEMBLY (#6, #7, & #8)
250	101008	2900060	2904280	2903040	NOT AVAIL.	2904290	2900070	2904330	1010110	1010100	NOT AVAIL.
300	101321	2900000	2904000	2903080	2903090	2903100	2903110	2904060	1010900	1012010	2904370
350	111286	2900010	2904000	2904960	2904970	2904300 2900130	2900130	2904270	1010880	1011990	2904050
400	111268	2900020	2904010	2904980	2904990 2905010	2900080	2900120	2904270	1010810	1011980	2904120
450	111276	2900030	2904010	2905000	2905010	2900080	2907670	2904270	1010810	1011980	2904120
500	100501	2900040	2904070	2905020	2905030	2900740	2900750	2904270	1010810	1011980	2904120
600	101130	2900050	2904500	2903280	NOT AVAIL.	2900760	2900100	2904160	1010830	1010840	2904150
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* Washer is not used on model 800 vise.

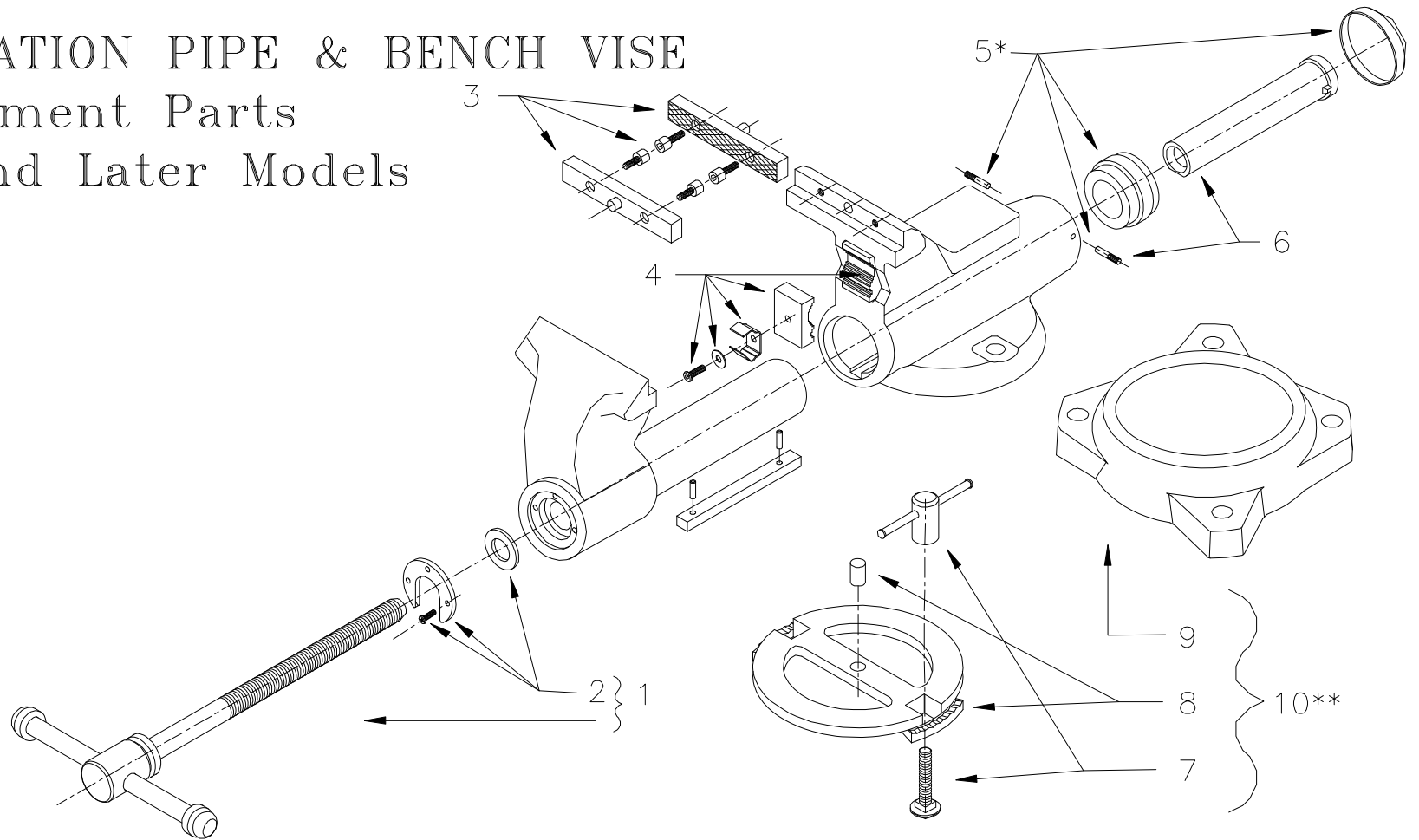
*** Items 6 thru 9 are not used on "N" model vises.

** The end piece is internal and covered with a large diameter end cap.

COMBINATION PIPE & BENCH VISE

Replacement Parts

1998 And Later Models



WILTON MODEL NUMBER	STATIONARY JAW CASTING NUMBER: REFERENCE	ITEM #1 SPINDLE ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3 SERRATED JAW INSERTS W/ SCREWS	ITEM #3a SMOOTH JAW INSERTS W/ SCREWS	ITEM #4 PIPE JAW ASSEMBLIES, COMPLETE	ITEM #5* END PIECE ASSEMBLY W/ 2 PINS	ITEM #6 SPINDLE NUT, WITH 2 PINS	ITEM #7** LOCK NUT AND BOLT ASSEMBLIES	ITEM #8** INNER RING WITH DOWEL PIN	ITEM #9** OUTER RING ONLY	ITEM #10** SWIVEL BASE ASSEMBLY (#7, #8, #9)
C-0	111282	2900150	2904000	2904960	2904970	2908050	2900780	2901090	2905210	1010880	1011990	2905330
C-1	111277	2900030	2904010	2905000	2905010	2900770	2901110	2900120	2904270	1010810	1011980	2904120
C-2	100523	2900160	2904500	2903240	NOT AVAIL.	2900830	2901120	2900170	2904160	1010830	1010840	2900590
C-3	100524	2900180	2904500	2907370	NOT AVAIL.	2907600	2901130	2901150	2907410	1011070	1011080	2907360
AW-35	111282	2900200	2904000	2905040	NOT AVAIL.	2901100	2900780	2901090	2905220	1010880	1011990	2905120
AW-45	111277	2900210	2904010	2907430	NOT AVAIL.	2907420	2901110	2900120	2907440	1010810	1011980	2907120

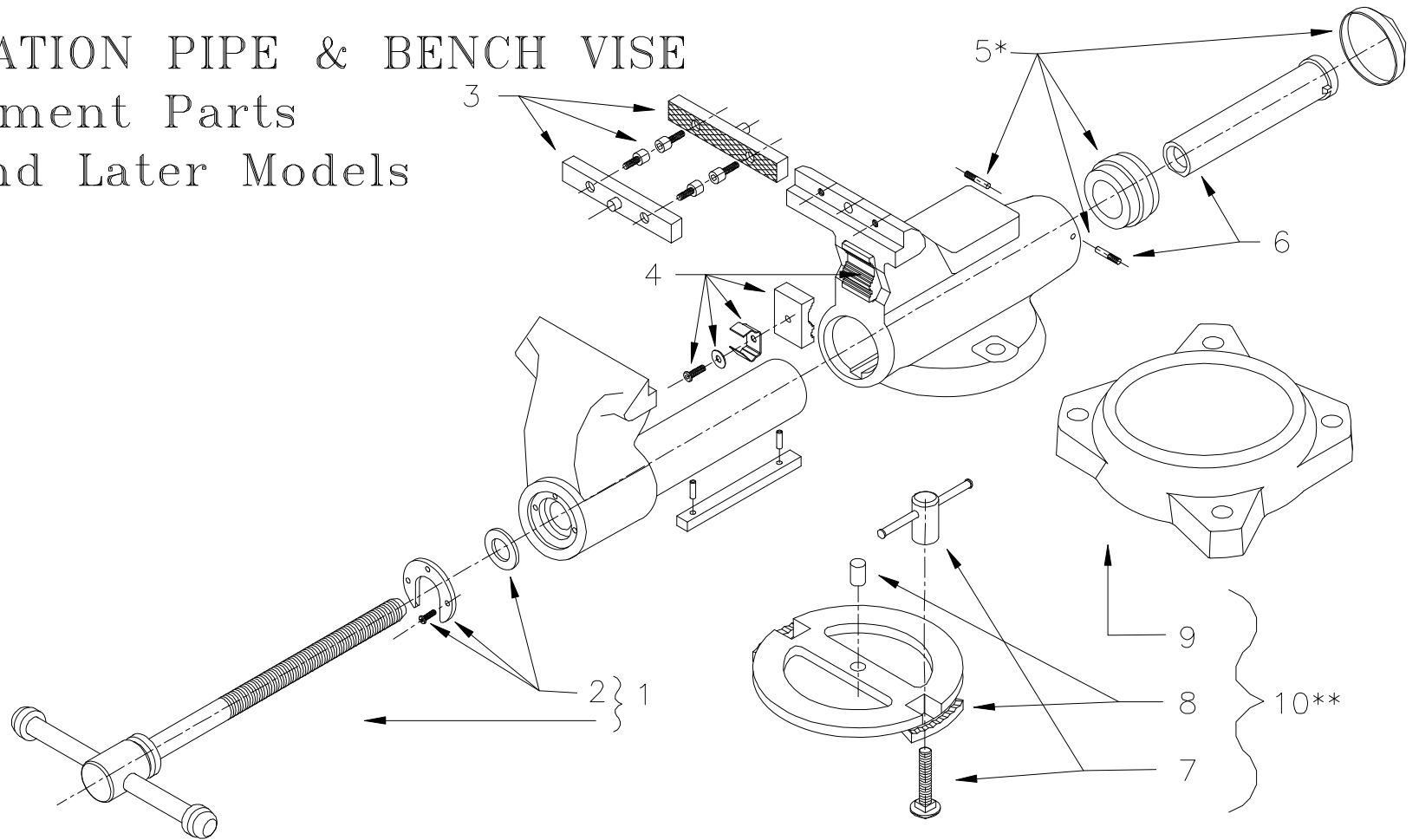
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** Items 7 thru 10 are not used on "N" model vises.

COMBINATION PIPE & BENCH VISE

Replacement Parts

1998 And Later Models



WILTON MODEL NUMBER	STATIONARY JAW NUMBER: REFERENCE	ITEM #1 CASTING SPINDLE ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3 SERRATED JAW INSERTS W/ SCREWS	ITEM #3a SMOOTH JAW INSERTS W/ SCREWS	ITEM #4 PIPE JAW ASSEMBLY, COMPLETE	ITEM #5* END PIECE ASSEMBLY W/ 2 PINS	ITEM #6 SPINDLE NUT, WITH 2 PINS	ITEM #7** LOCK NUT AND BOLT ASSEMBLY	ITEM #8** INNER RING WITH DOWEL PIN	ITEM #9** OUTER RING ONLY	ITEM #10** SWIVEL BASE ASSEMBLY (#7, #8, #9)
C-0	111282	2900150	2904000	2904960	2904970	2908050	2900780	2901090	2905210	1010880	1011990	2905330
C-1	111277	2900030	2904010	2905000	2905010	2900770	2901110	2900120	2904270	1010810	1011980	2904120
C-2	100523	2900160	2904500	2903240	NOT AVAIL.	2900830	2901120	2900170	2904160	1010830	1010840	2900590
C-3	100524	2900180	2904500	2907370	NOT AVAIL.	2907600	2901130	2901150	2907410	1011070	1011080	2907360
AW-35	111282	2900200	2904000	2905040	NOT AVAIL.	2901100	2900780	2901090	2905220	1010880	1011990	2905120
AW-45	111277	2900210	2904010	2907430	NOT AVAIL.	2907420	2901110	2900120	2907440	1010810	1011980	2907120

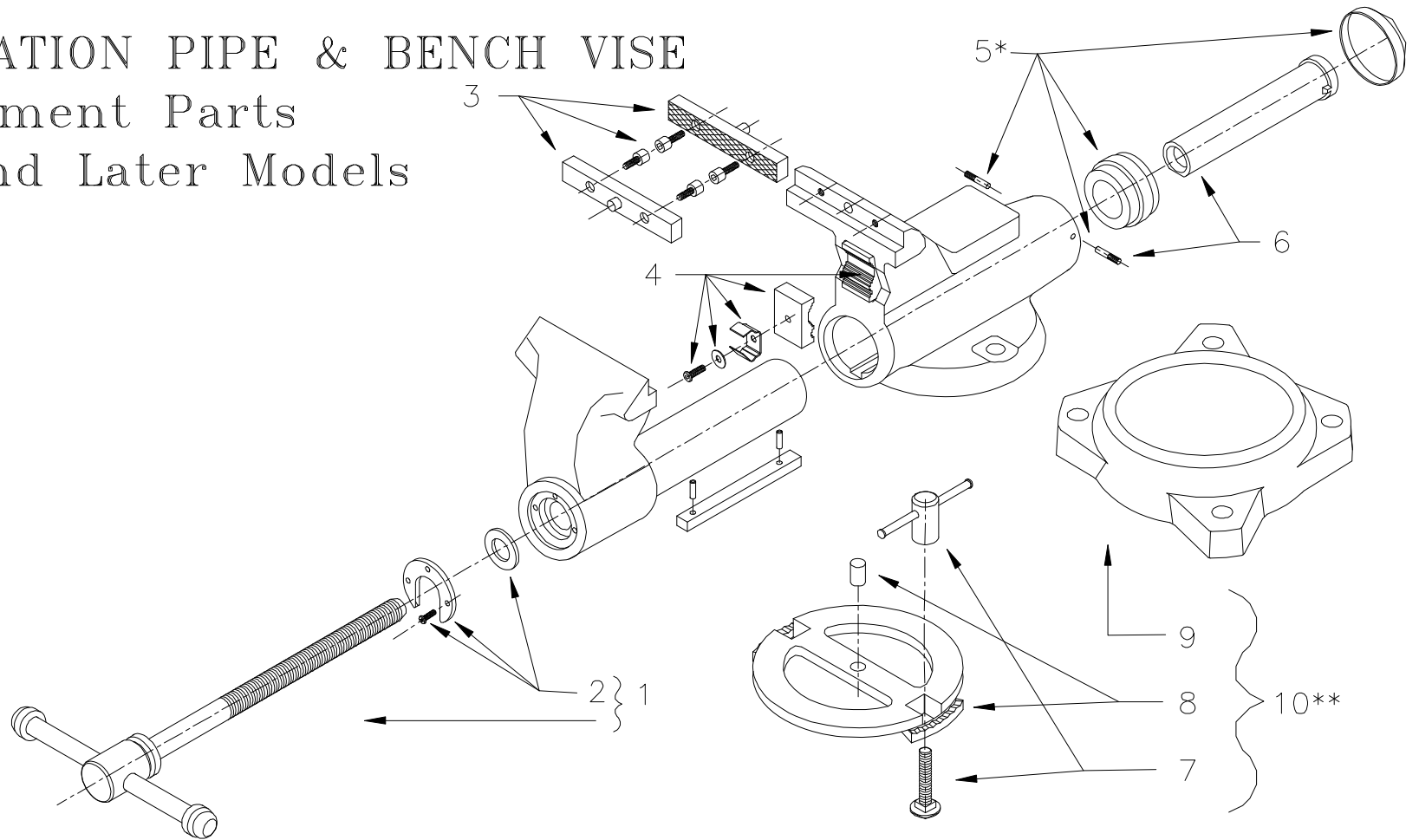
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COMBINATION PIPE & BENCH VISE

Replacement Parts

1998 And Later Models



WILTON MODEL NUMBER	STATIONARY NUMBER: REFERENCE	ITEM #1 JAW CASTING ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3 SERRATED JAW INSERTS W/ SCREWS	ITEM #3a SMOOTH JAW INSERTS W/ SCREWS	ITEM #4 PIPE JAW ASSEMBLY, COMPLETE	ITEM #5* END PIECE ASSEMBLY W/ 2 PINS	ITEM #6 SPINDLE NUT, WITH 2 PINS	ITEM #7** LOCK NUT AND BOLT ASSEMBLY	ITEM #8** INNER RING WITH DOWEL PIN	ITEM #9** OUTER RING ONLY	ITEM #10** SWIVEL BASE ASSEMBLY (#7, #8, #9)
C-0	111282	2900150	2904000	2904960	2904970	2908050	2900780	2901090	2905210	1010880	1011990	2905330
C-1	111277	2900030	2904010	2905000	2905010	2900770	2901110	2900120	2904270	1010810	1011980	2904120
C-2	100523	2900160	2904500	2903240	NOT AVAIL.	2900830	2901120	2900170	2904160	1010830	1010840	2900590
C-3	100524	2900180	2904500	2907370	NOT AVAIL.	2907600	2901130	2901150	2907410	1011070	1011080	2907360
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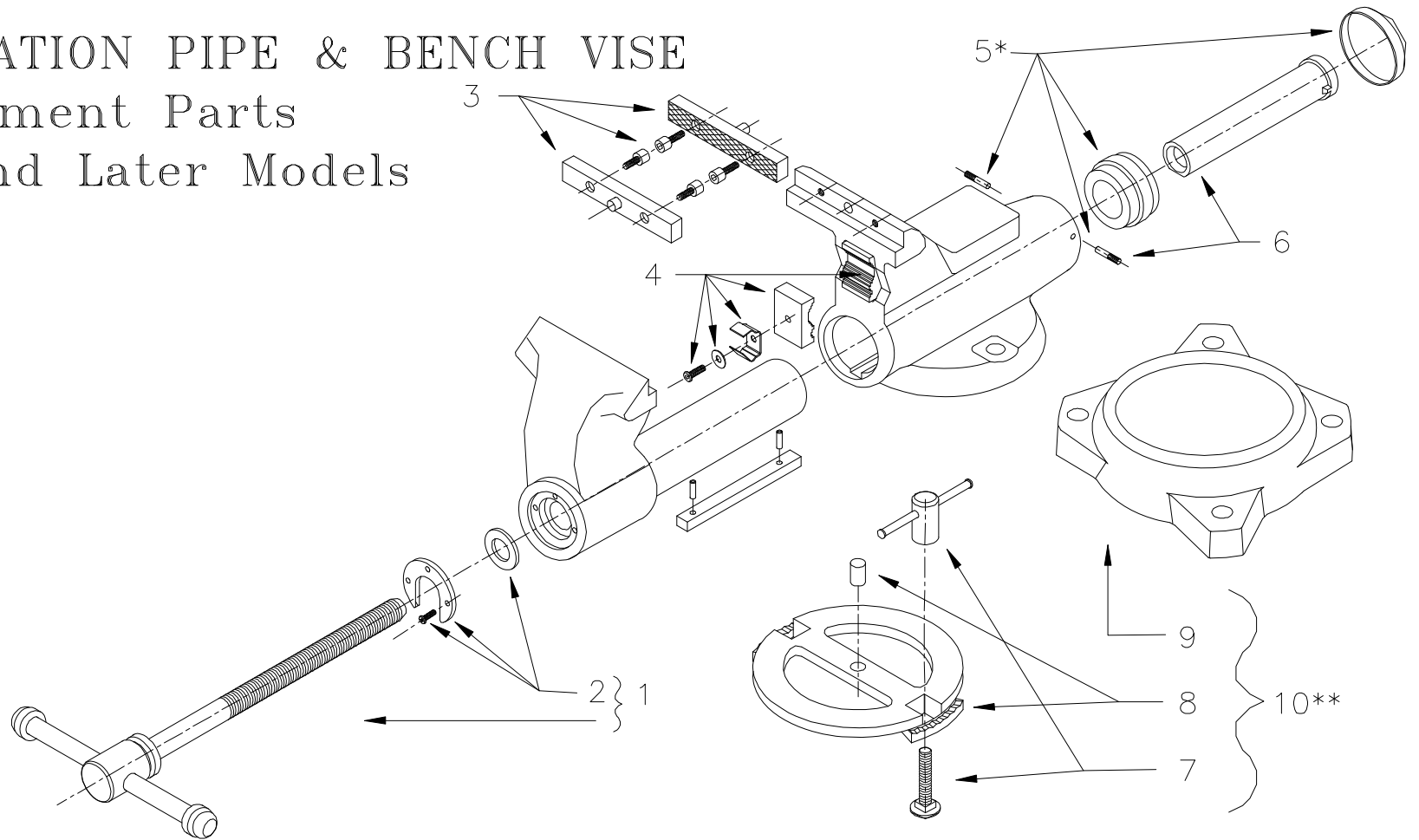
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COMBINATION PIPE & BENCH VISE

Replacement Parts

1998 And Later Models



WILTON MODEL NUMBER	STATIONARY NUMBER:	ITEM #1 JAW CASTING ASSEMBLY REFERENCE WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3 SERRATED JAW INSERTS W/ SCREWS	ITEM #3a SMOOTH JAW INSERTS W/ SCREWS	ITEM #4 PIPE JAW ASSEMBLY, COMPLETE	ITEM #5* END PIECE ASSEMBLY W/ 2 PINS	ITEM #6 SPINDLE NUT, WITH 2 PINS	ITEM #7** LOCK NUT AND BOLT ASSEMBLY	ITEM #8** INNER RING WITH DOWEL PIN	ITEM #9** OUTER RING ONLY	ITEM #10** SWIVEL BASE ASSEMBLY (#7, #8, #9)
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C-2	100523	2900160	2904500	2903240	NOT AVAIL.	2900830	2901120	2900170	2904160	1010830	1010840	2900590
C-3	100524	2900180	2904500	2907370	NOT AVAIL.	2907600	2901130	2901150	2907410	1011070	1011080	2907360
AW-35	111282	2900200	2904000	2905040	NOT AVAIL.	2901100	2900780	2901090	2905220	1010880	1011990	2905120
AW-45	111277	2900210	2904010	2907430	NOT AVAIL.	2907420	2901110	2900120	2907440	1010810	1011980	2907120

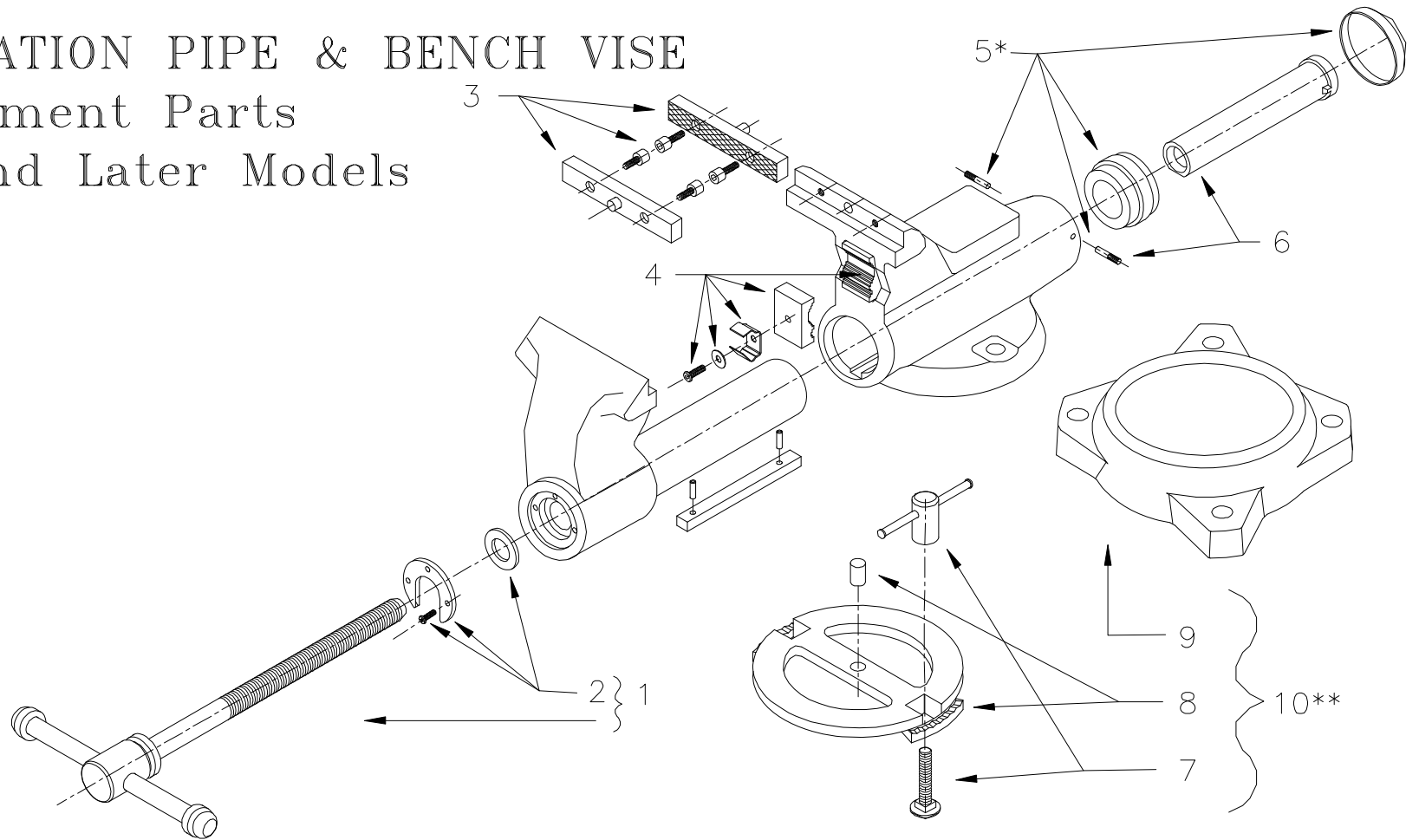
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COMBINATION PIPE & BENCH VISE

Replacement Parts

1998 And Later Models



WILTON MODEL NUMBER	STATIONARY JAW NUMBER: REFERENCE	ITEM #1 JAW CASTING SPINDLE ASSEMBLY WITH #2	ITEM #2 RING WITH (3) SCREWS & WASHER	ITEM #3 SERRATED JAW INSERTS W/ SCREWS	ITEM #3a SMOOTH JAW INSERTS W/ SCREWS	ITEM #4 PIPE JAW ASSEMBLY, COMPLETE	ITEM #5* END PIECE ASSEMBLY W/ 2 PINS	ITEM #6 SPINDLE NUT, WITH 2 PINS	ITEM #7** LOCK NUT AND BOLT ASSEMBLY	ITEM #8** INNER RING WITH DOWEL PIN	ITEM #9** OUTER RING ONLY	ITEM #10** SWIVEL BASE ASSEMBLY (#7, #8, #9)
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C-1	111277	2900030	2904010	2905000	2905010	2900770	2901110	2900120	2904270	1010810	1011980	2904120
C-2	100523	2900160	2904500	2903240	NOT AVAIL.	2900830	2901120	2900170	2904160	1010830	1010840	2900590
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AW-45	111277	2900210	2904010	2907430	NOT AVAIL.	2907420	2901110	2900120	2907440	1010810	1011980	2907120

* The end piece is internal and covered with a large diameter end cap.

** Items 7 thru 10 are not used on "N" model vises.



Stock no. 11126, Utility Workshop Vise (model 674)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRÈCTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES CÔTES DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.

- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGÉE DE L'ETAU.
- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIÉE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

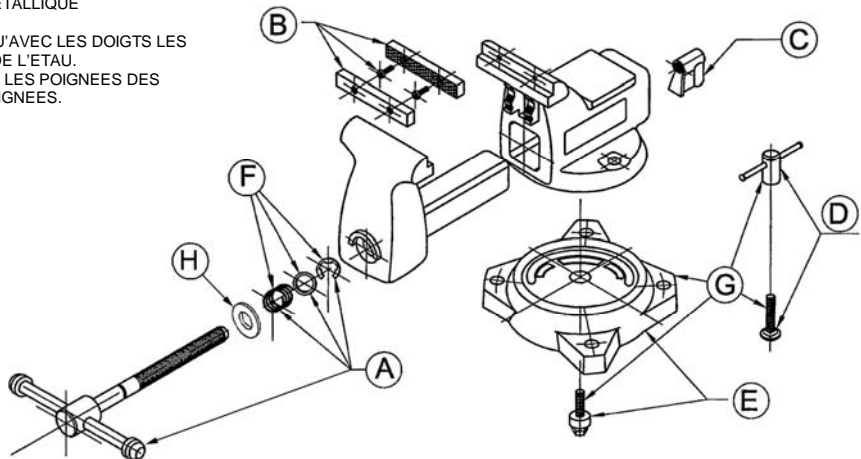
AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGARADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	11126
Model no.	674
Jaw width (in.)	4-1/2
Jaw opening (in.)	4
Throat depth (in.)	2-5/8
Pipe jaw capacity (in.)	1/8-2
Shipping weight (lb)	19



Replacement parts:

Spindle and Handle Assembly A	Serrated Jaw Inserts w/Screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring w/ Bolt E	Spring, Washer, Clip Assembly F	Swivel Base Assembly G	Thrust Bearing Washer H
2900560	76654S41	11113-15	11103S51	2900670	11103S25	2900710	11126-1

WILTON

427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-684
www.wiltontools.com

Part No. M-11126

Rev. G1 06/2014

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Stock no. 11127, Utility Workshop Vise (model 675)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTÉMENT.
- AVANT INSTALLATION ET UTILISATION, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ÉTAU.

- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGÉE DE L'ÉTAU.
- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ÉTAU.



ADVERTENCIA

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- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

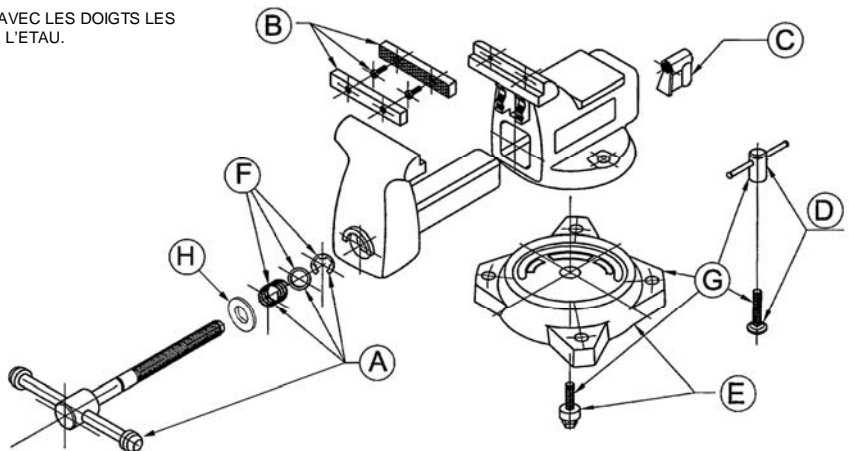
AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORILLE NUNCA LA MORDAZA MOVIL MÁS ALLA DE LA ABERTURA ESPECIFICADA MÁXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	11127
Model no.	675
Jaw width (in.)	5-1/2
Jaw opening (in.)	5
Throat depth (in.)	3-1/4
Pipe jaw capacity (in.)	1/8-2-1/2
Shipping weight (lb)	29



Replacement parts:

Spindle and Handle Assembly A	Serrated Jaw Inserts w/Screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring w/Bolt E	Spring, Washer, Clip Assembly F	Swivel Base Assembly G	Thrust Bearing Washer H
2900570	11127S41	11114-15	11104S51	2900680	11104S25	2900720	11127-1

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Part No. M-11127

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Stock no. 11128, Utility Workshop Vise (model 676)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTÉMENT.
- AVANT INSTALLATION ET UTILISATION, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ÉTAU.

- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGÉE DE L'ÉTAU.
- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ÉTAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

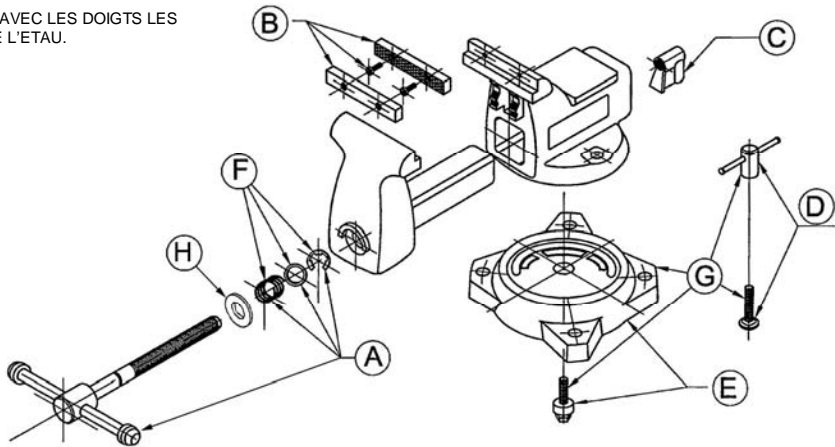
AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MÁXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	11128
Model no.	676
Jaw width (in.)	6-1/2
Jaw opening (in.)	5-1/2
Throat depth (in.)	3-13/16
Pipe jaw capacity (in.)	1/8-2-1/2
Shipping weight (lb)	43



Replacement parts:

Spindle and Handle Assembly A	Serrated Jaw Inserts w/Screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring w/ Bolt E	Spring, Washer, Clip Assembly F	Swivel Base Assembly G	Thrust Bearing Washer H
2900580	11128S41	11115-15	11104S51	2900690	11104S25	2900730	11128-1

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Part No. M-11128

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Stock no. 11800, Utility Workshop Vise (model 648B)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRÈCTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES CÔTES DE L'ETAU.

- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGEE DE L'ETAU.
- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ELECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

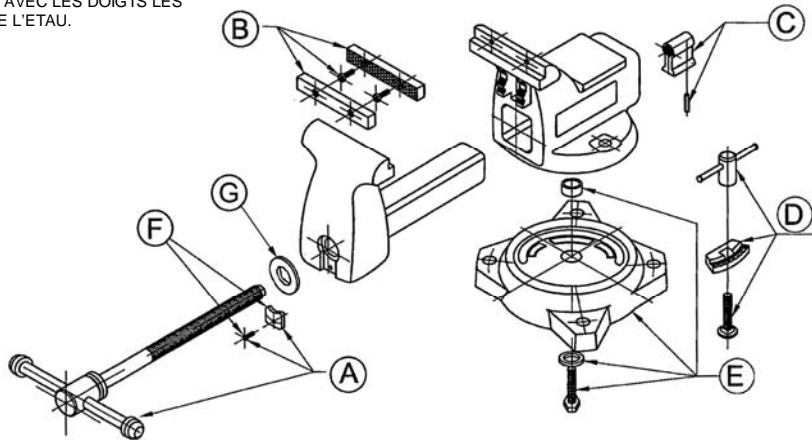
AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	11800
Model no.	648B
Jaw width (in.)	8
Jaw opening (in.)	7-1/2
Throat depth (in.)	4-1/2
Pipe jaw capacity (in.)	1/8 – 3
Shipping weight (lb)	80



Replacement parts:

Spindle and Handle Assembly A	Serrated Jaw Inserts w/Screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring E	Retainer Assembly F	Thrust Bearing Washer G
2648001	1800648A	2648002	2648003	2648004	2648005	11128-1

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Reversible Mechanics' Vise



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ETRE INSTALLE ET UTILISE CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNEES DE CHAQUE COTE DE CETTE ETIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES COTES DE L'ETAU.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ELECTRIQUE AVEC UN ETAU.

Stock no.	14500	14600	14800
Model no.	4500	4600	4800
Jaw width (in.)	5-1/2	6-1/2	8
Max opening, reversed (in.)	6, 9-3/4	8, 9-3/4	9-1/2, 11-3/4
Throat depth, reversed (in.)	3-3/4, 2-3/4	4, 3	5, 2-3/4
Pipe jaw capacity (in.)	1/4 – 2	1/8 – 3-1/2	1/8 – 4-1/2
Net weight, approx. (lbs.)	52	60	81



ADVERTENCIA

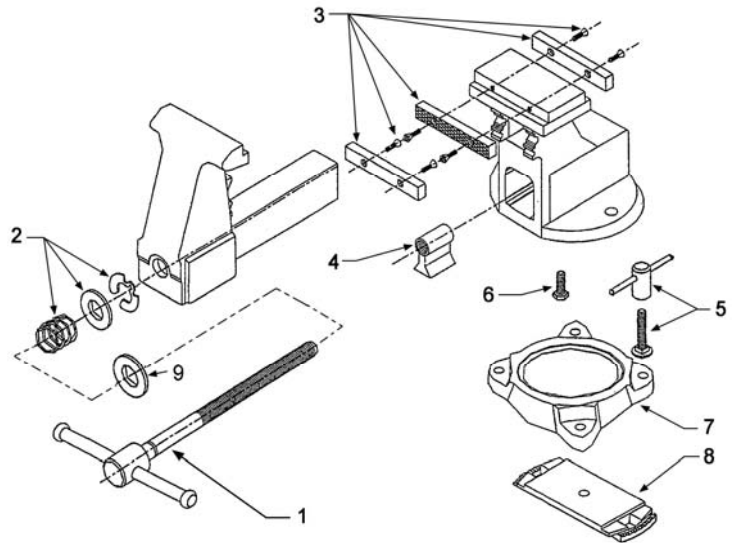
- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.
- O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.



Stock No.	Model No.	Jaw width	Spindle and Handle Assembly #1	Spring, Retainer, Washer #2	Jaw Insert Assembly w/Screws #3	Spindle Nut #4	Lock Nut and Bolt Assembly #5	Center Bolt #6	Outer Ring #7	Swivel Locking Ring #8	Thrust Bearing Washer #9
14500	4500	5-1/2"	87005-21	11105S25	14500S41	11206S14	11106S51	11106S50	11206S03	11206S13	14500S42
14600	4600	6-1/2"	14600S01	14600S02	14600S03	14600S04	11106S51	11106S50	11206S03	11206S13	14600S42
14800	4800	8"	14800S01	14600S02	14800S03	14600S04	14800S51	11106S50	14800S07	14800S08	14800S42

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Reversible Mechanics' Vise



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ETRE INSTALLE ET UTILISE CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNEES DE CHAQUE COTE DE CETTE ETIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES COTES DE L'ETAU.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ELECTRIQUE AVEC UN ETAU.

Stock no.	14500	14600	14800
Model no.	4500	4600	4800
Jaw width (in.)	5-1/2	6-1/2	8
Max opening, reversed (in.)	6, 9-3/4	8, 9-3/4	9-1/2, 11-3/4
Throat depth, reversed (in.)	3-3/4, 2-3/4	4, 3	5, 2-3/4
Pipe jaw capacity (in.)	1/4 – 2	1/8 – 3-1/2	1/8 – 4-1/2
Net weight, approx. (lbs.)	52	60	81



ADVERTENCIA

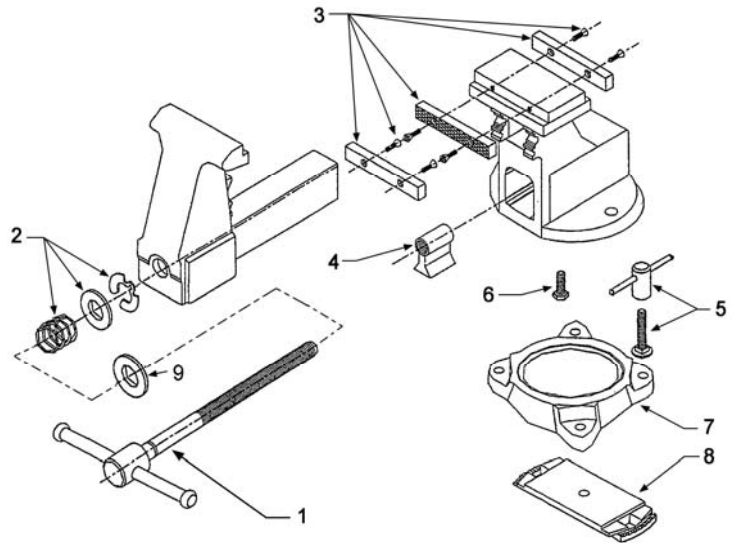
- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.
- O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.



Stock No.	Model No.	Jaw width	Spindle and Handle Assembly #1	Spring, Retainer, Washer #2	Jaw Insert Assembly w/Screws #3	Spindle Nut #4	Lock Nut and Bolt Assembly #5	Center Bolt #6	Outer Ring #7	Swivel Locking Ring #8	Thrust Bearing Washer #9
14500	4500	5-1/2"	87005-21	11105S25	14500S41	11206S14	11106S51	11106S50	11206S03	11206S13	14500S42
14600	4600	6-1/2"	14600S01	14600S02	14600S03	14600S04	11106S51	11106S50	11206S03	11206S13	14600S42
14800	4800	8"	14800S01	14600S02	14800S03	14600S04	14800S51	11106S50	14800S07	14800S08	14800S42

WILTON

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Part No. M-14500

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Reversible Mechanics' Vise



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



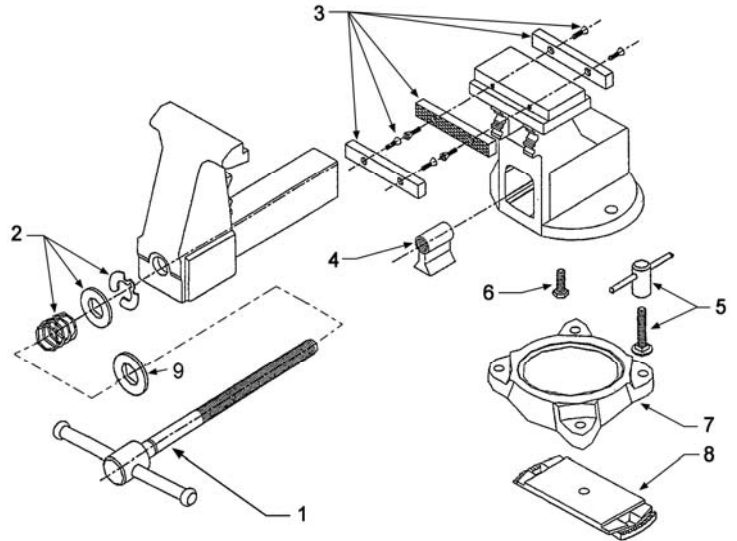
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ETAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ETAU.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ETAU.

Stock no.	14500	14600	14800
Model no.	4500	4600	4800
Jaw width (in.)	5-1/2	6-1/2	8
Max opening, reversed (in.)	6, 9-3/4	8, 9-3/4	9-1/2, 11-3/4
Throat depth, reversed (in.)	3-3/4, 2-3/4	4, 3	5, 2-3/4
Pipe jaw capacity (in.)	1/4 – 2	1/8 – 3-1/2	1/8 – 4-1/2
Net weight, approx. (lbs.)	52	60	81



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERSCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERSCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.
- O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MÁXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock No.	Model No.	Jaw width	Spindle and Handle Assembly #1	Spring, Retainer, Washer #2	Jaw Insert Assembly w/Screws #3	Spindle Nut #4	Lock Nut and Bolt Assembly #5	Center Bolt #6	Outer Ring #7	Swivel Locking Ring #8	Thrust Bearing Washer #9
14500	4500	5-1/2"	87005-21	11105S25	14500S41	11206S14	11106S51	11106S50	11206S03	11206S13	14500S42
14600	4600	6-1/2"	14600S01	14600S02	14600S03	14600S04	11106S51	11106S50	11206S03	11206S13	14600S42
14800	4800	8"	14800S01	14600S02	14800S03	14600S04	14800S51	11106S50	14800S07	14800S08	14800S42

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www.wiltontools.com

Part No. M-14500

Rev B2 06/2014

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Stock no. 00191 – Utility Workshop Vise (model 656HD)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRÈCTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ETAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.

- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGÉE DE L'ETAU.
- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

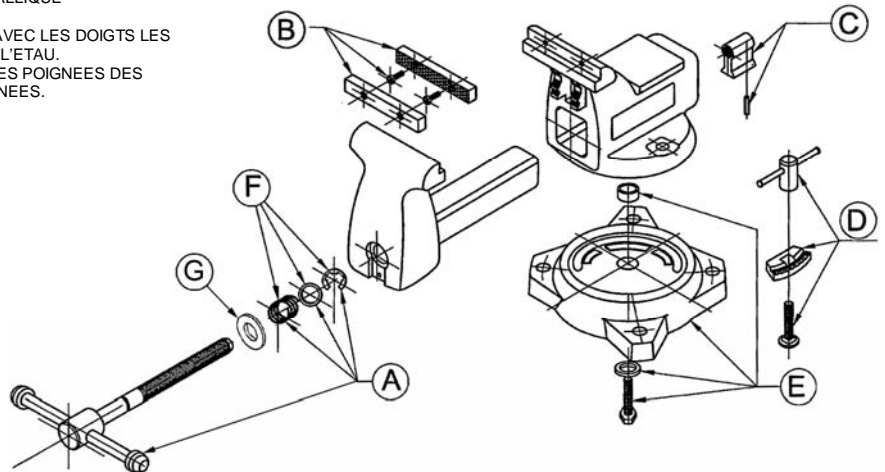
AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGARADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	00191
Model no.	656HD
Jaw width (in.)	6-1/4
Jaw opening (in.)	6
Throat depth (in.)	4-3/8
Pipe jaw capacity (in.)	1/8 – 3
Shipping weight (lb)	63



Replacement parts:

Spindle and Handle Assembly A	Serrated Jaw Inserts w/Screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring E	Spring, Washer, Clip Assembly F	Thrust Bearing Washer G
2900580	1191656A	11115-15	2656001	2656002	11105S25	11128-1

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Part No. M-00191

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Stock No. 21300, Mechanics' Vise (model 744A)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



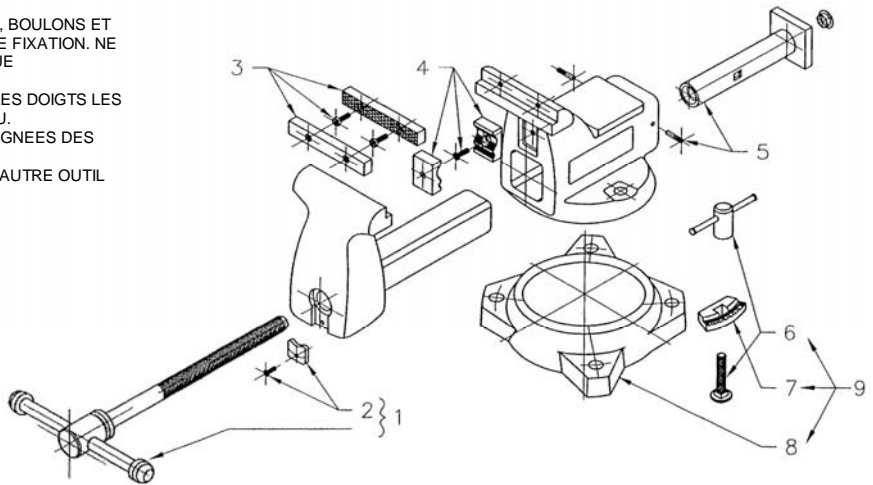
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET À D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ÉTAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ÉTAU.

Stock no.	21300
Model no.	744A
Jaw width (in.)	4
Maximum opening (in.)	4-1/2
Throat depth (in.)	3-7/16
Pipe jaw capacity (in.)	1/4 – 2
Net weight, approx. (lbs.)	36-1/2



- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ÉTAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Spindle and Handle Assembly #1	Spindle Retainer w/ screw #2	Jaw Insert Assembly w/ four screws #3	Pipe Jaws w/ two screws #4	Casing Nut w/ two pins #5	Lock Nut Assembly #6	Locking Pads (pair) #7	Outer Ring only #8	Swivel Base Assembly, Complete #9
21300-01	21300-02	21300-03	21300-04	21300-05	21300-06	9040010	21300-09	21300-10

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Stock No. 21400, Mechanics' Vise (model 745A)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



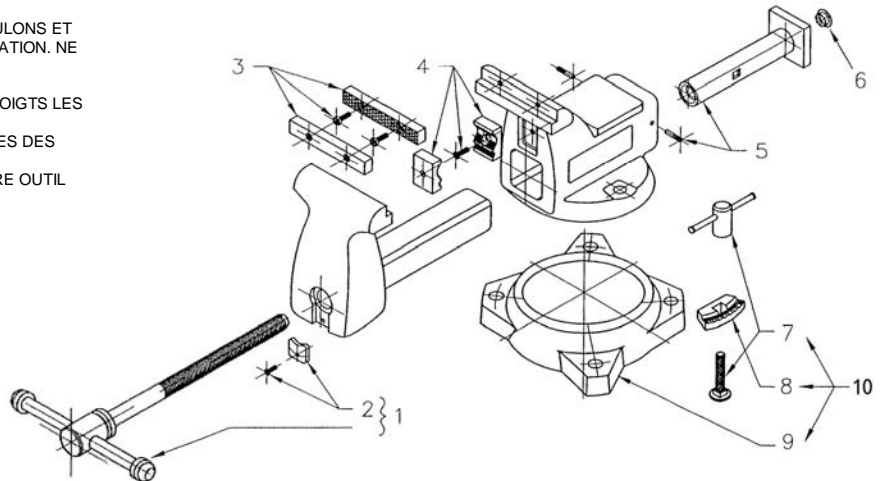
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAINER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU/DOIT INSTALLER ET UTILISER CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNEES DE CHAQUE COTE DE CETTE ETIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES COTES DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGEE DE L'ETAU.

Stock no.	21400
Model no.	745A
Jaw width (in.)	5
Maximum opening (in.)	5-1/4
Throat depth (in.)	3-3/4
Pipe jaw capacity (in.)	1/4 – 2-1/2
Net weight, approx. (lbs.)	52.8



- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ELECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Spindle and Handle Assembly #1	Spindle Retainer w/ screw #2	Jaw Insert Assembly w/ four screws #3	Pipe Jaws w/ two screws #4	Casing Nut w/ two pins #5	End Plug #6	Lock Nut Assembly #7	Locking Pads (pair) #8	Outer Ring only #9	Swivel Base Assembly, Complete #10
21400-01	21400-02	21400-03	21400-04	21400-05	NA	21400-06	9040020	1011980	21400-07

WILTON

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Part No. M-21400

Rev B 06/2014

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Stock No. 21500, Mechanics' Vise (model 746A)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



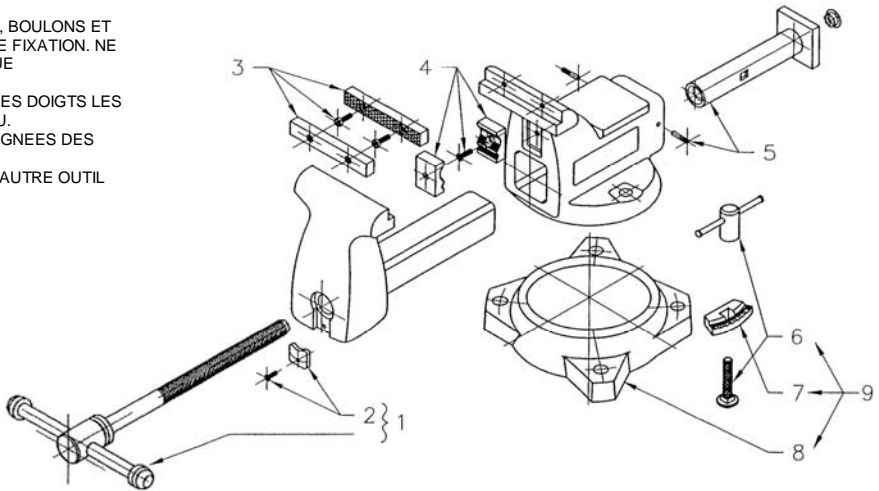
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET À D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ÉTAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ÉTAU.

Stock no.	21500
Model no.	746A
Jaw width (in.)	6
Maximum opening (in.)	5-3/4
Throat depth (in.)	4-1/8
Pipe jaw capacity (in.)	1/4 – 3-1/2
Net weight, approx. (lbs.)	69-1/2



Spindle and Handle Assembly #1	Spindle Retainer w/ screw #2	Jaw Insert Assembly w/ four screws #3	Pipe Jaws w/ two screws #4	Casing Nut w/ two pins #5	Lock Nut Assembly #6	Locking Pads (pair) #7	Outer Ring only #8	Swivel Base Assembly, Complete #9
21500-01	21500-02	21500-03	21500-04	21500-05	21500-06	9040030	21500-09	21500-10

- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ÉTAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

WILTON

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www.wiltontools.com

Part No. M-21500

Rev B 06/2014

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Stock No. 21800, Mechanics' Vise (model 748B)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



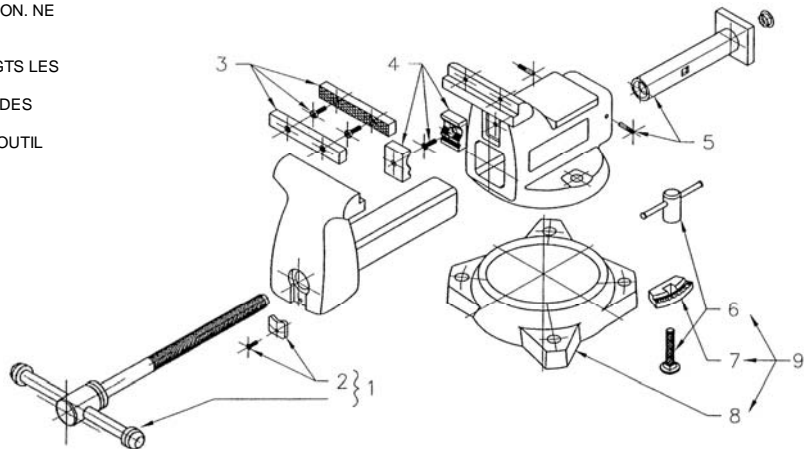
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRÈCTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ETAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ETAU.

Stock no.	21800
Model no.	748B
Jaw width (in.)	8
Maximum opening (in.)	8-1/4
Throat depth (in.)	4-3/4
Pipe jaw capacity (in.)	1/4 – 3-1/2
Net weight, approx. (lbs.)	91-1/2



- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Spindle and Handle Assembly #1	Spindle Retainer w/ screw #2	Jaw Insert Assembly w/ four screws #3	Pipe Jaws w/ two screws #4	Casing Nut w/ two pins #5	Lock Nut Assembly #6	Locking Pads (pair) #7	Outer Ring only #8	Swivel Base Assembly, Complete #9
21800-01	21500-02	21800-03	21500-04	21800-05	21500-06	9040030	1010840	21500-07

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Part No. M-21800

Rev B 06/2014

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Stock no. 28801, Tradesman Vise XC (model 1765XC)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



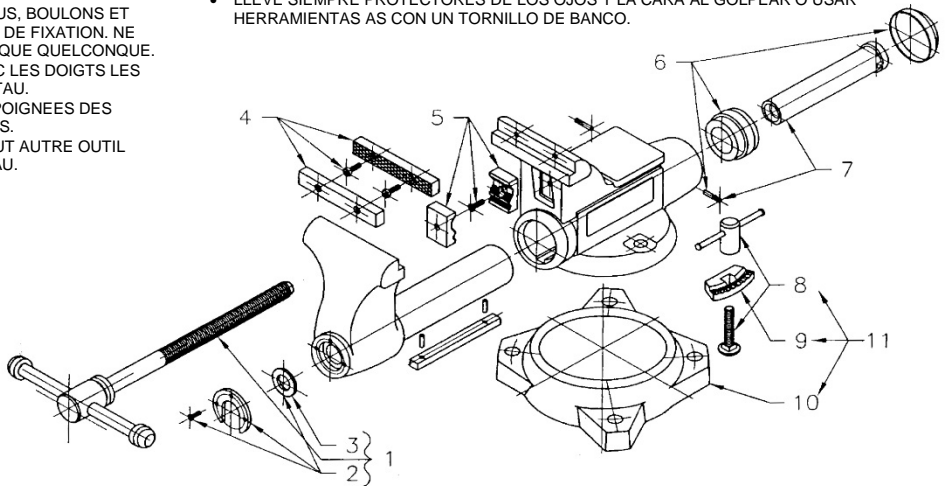
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAINER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU/DOIT INSTALLER ET UTILISE CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNEES DE CHAQUE COTE DE CETTE ETIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES COTES DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNEE DE L'ETAU.

Stock no.	28801
Model no.	1765XC
Jaw width (in.)	6-1/2
Jaw opening (in.)	6-1/2
Throat depth (in.)	4
Pipe jaw capacity (in.)	1/4 to 3-1/2
Shipping weight (lb.)	71



Replacement parts:

Model	Spindle Assembly 1	Spindle Retainer w/ 3 screws and #3 2	Thrust Washer 3	Set of Jaw Inserts w/ 4 screws 4	Set of Pipe Jaw Inserts w/ 2 screws 5	End Piece Assembly w/ 2 pins 6	Casing Nut w/ 2 pins 7	Lock Nut Assly's 8	Locking Pads (pair) 9	Outer Ring only 10	Swivel Base Assembly (includes #8,9,10) 11
1765	2900330XC	2904011XC	Not available separately	2908080XC	2904200XC	2907780	2900340XC	2905200	9040020	1011980	2905790

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www.wiltontools.com

Part No. M-28801

Edition 1 03/2017

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- S'ASSURER DU BANC DE HAUT EN QUI VISE EST MONTÉE EST CORRECTEMENT FIXÉE.
- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJECT OU UTILISER UN OUTILLAGE ELECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.
- AL CONFIGURAR EL TORNILLO DE BANCO:
- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMANO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.
- ASEGURARSE EL TOP DE BANCO PARA QUE LA VISE SE MONTA ESTÉ DEBIDAMENTE SUJETA.
- AL USAR EL TORNILLO DE BANCO:
- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMANO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.



Stock no. 28802, Tradesman Vise XC (model 1780XC)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



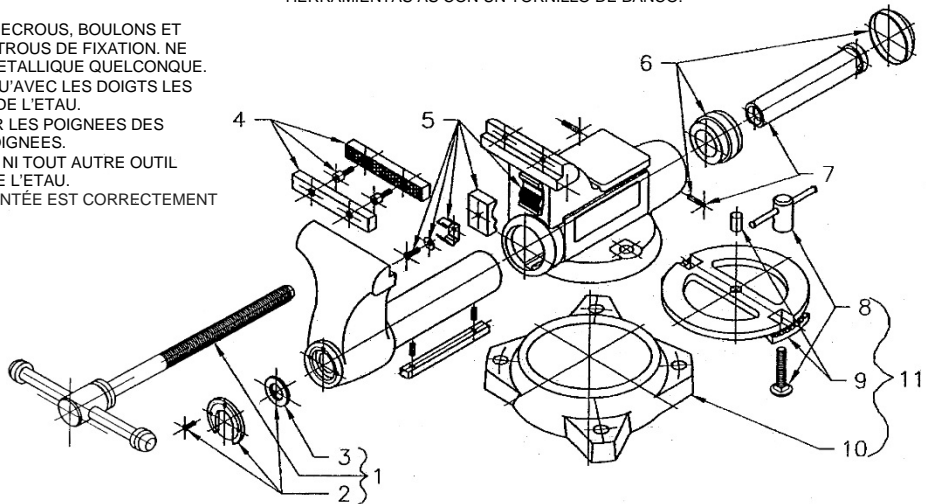
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAINER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU/DOIT INSTALLER ET UTILISER CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNEES DE CHAQUE COTE DE CETTE ETIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES COTES DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGEE DE L'ETAU.
- S'ASSURER DU BANC DE HAUT EN QUI VISE EST MONTÉE EST CORRECTEMENT FIXÉE.

Stock no.	28802
Model no.	1780XC
Jaw width (in.)	8
Jaw opening (in.)	7
Throat depth (in.)	4-3/4
Pipe jaw capacity (in.)	1/8 to 3-1/2
Shipping weight (lb.)	111



Replacement parts:

Spindle Assembly 1	Spindle Retainer w/ 3 screws and #3 2	Thrust Washer 3	Set of Jaw Inserts w/ 4 screws 4	Set of Pipe Jaw Inserts 5	End Piece Assembly w/ 2 pins 6	Casing Nut w/ 2 pins 7	Lock Nut Assemblies 8	Locking Pads (pair) 9	Outer Ring only 10	Swivel Base Assembly (includes #8,9,10) 11
2900510XC	2904071XC	Not available separately	2908100XC	2908050XC	2907470	2900520XC	2905370	1010830	1010840	2900590

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- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ELECTRIQUE AVEC UN ETAU.



ADVERTENCIA

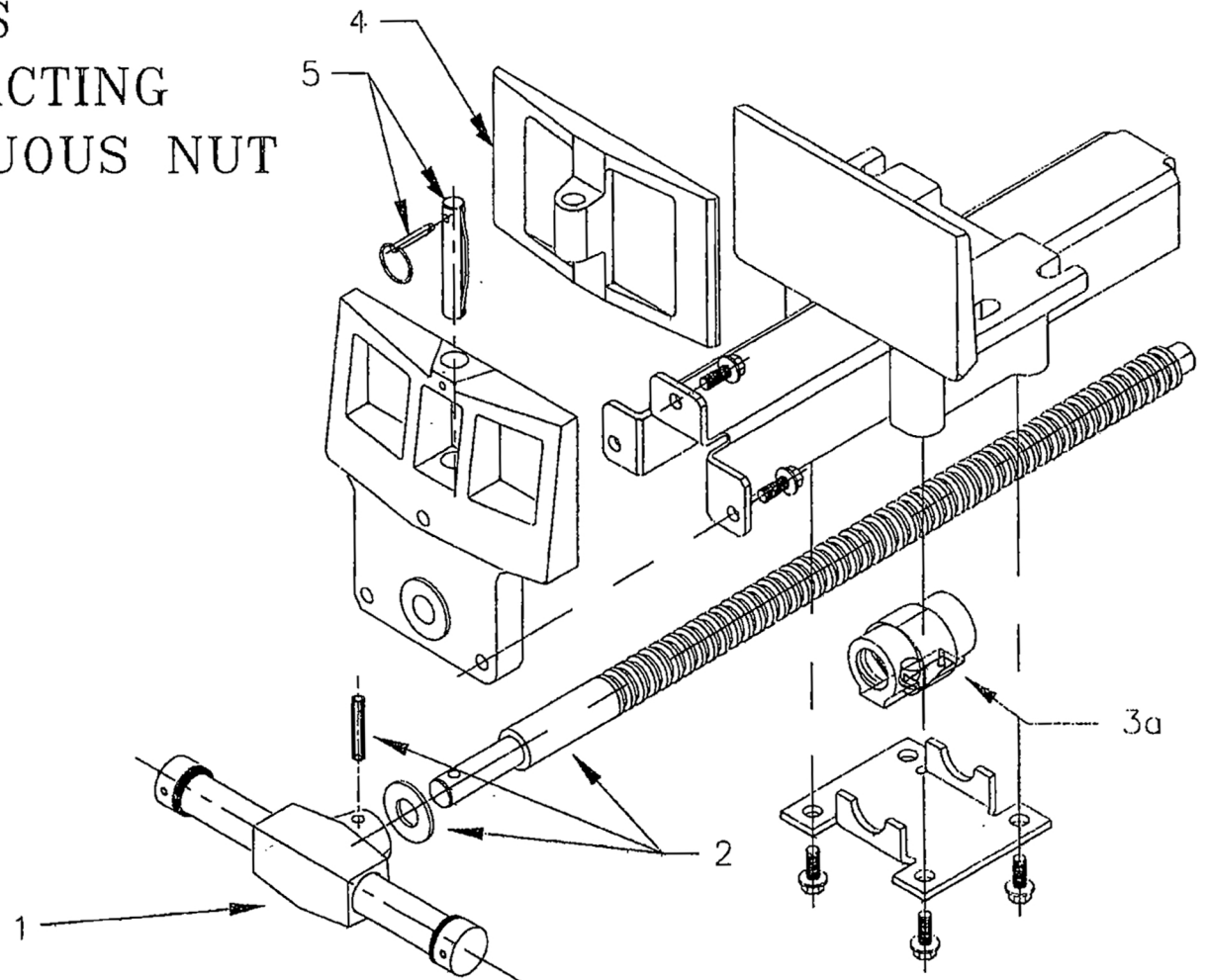
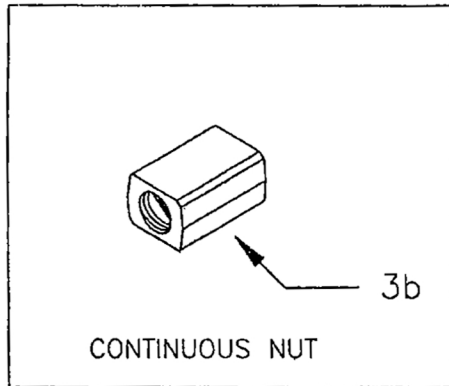
- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.
- AL CONFIGURAR EL TORNILLO DE BANCO:
- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.
- ASEGURARSE EL TOP DE BANCO PARA QUE LA VISE SE MONTA ESTÉ DEBIDAMENTE SUJETA.
- AL USAR EL TORNILLO DE BANCO:
- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

WOODWORKING VISES

78A & 79A RAPID ACTING

78C & 79C CONTINUOUS NUT

Replacement Parts



WJLTON MODEL NUMBER	BASIC VISE SIZE	ITEM #1 HANDLE ASSEMBLY	ITEM #2 SPINDLE, PIN & WASHER	ITEM #3a RAPID NUT ASSEMBLY	ITEM #3b CONTINUOUS NUT	ITEM #4 PIVOT JAW/ VISE DOG	ITEM #5 RELEASE & PIVOT PINS
78A*	4 X 7	1611811	2903370	1611881	NONE USED	1611931	2903380
78C**	4 X 7	1611811	2903370	NONE USED	1611781	1611931	2903380
79A***	4 X 10	1611811	2903390	1611881	NONE USED	1611981	2903380
79C****	4 X 10	1611811	2903390	NONE USED	1611781	1611981	2903380

* Model 78A replaced model 53A
 ** Model 78C replaced model 51A
 *** Model 79A replaced model 64A
 **** Model 79C replaced model 62A



Stock No. 63187, High-Visibility Mechanics' Vise (model 1550)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



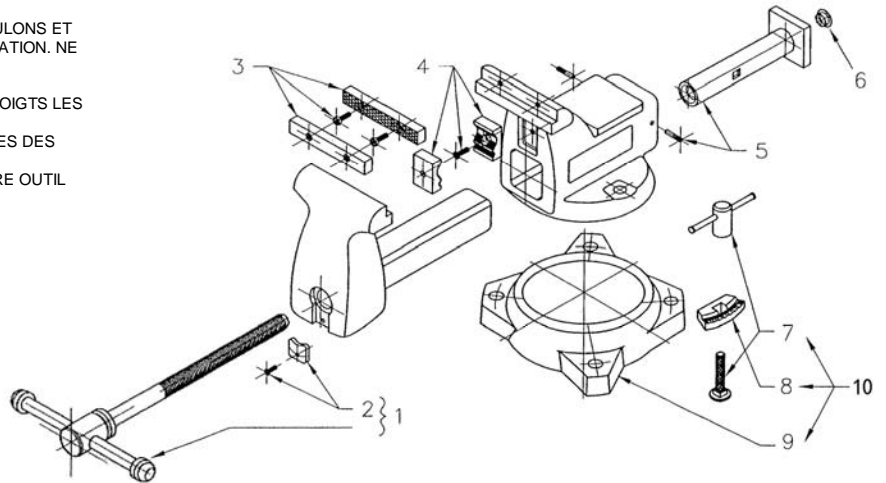
AVERTISSEMENT

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- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ÉCROUS SUR LES CÔTÉS DE L'ÉTAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ÉCROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ÉTAU.

Stock no.	63187
Model no.	1550
Jaw width (in.)	5
Maximum opening (in.)	5-1/4
Throat depth (in.)	3-3/4
Pipe jaw capacity (in.)	1/4 – 2-1/2
Net weight, approx. (lbs.)	52.8



- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ÉTAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
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- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Spindle and Handle Assembly #1	Spindle Retainer w/ screw #2	Jaw Insert Assembly w/ four screws #3	Pipe Jaws w/ two screws #4	Casing Nut w/ two pins #5	End Plug #6	Lock Nut Assembly #7	Locking Pads (pair) #8	Outer Ring only #9	Swivel Base Assembly, Complete #10
21400-01	21400-02	21400-03	21500-04	21400-05	NA	21400-06	9040020	1012060	21400-08

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Part No. M-63187

Rev B 06/2014

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Stock No. 63188, High-Visibility Mechanics' Vise (model 1560)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
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WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



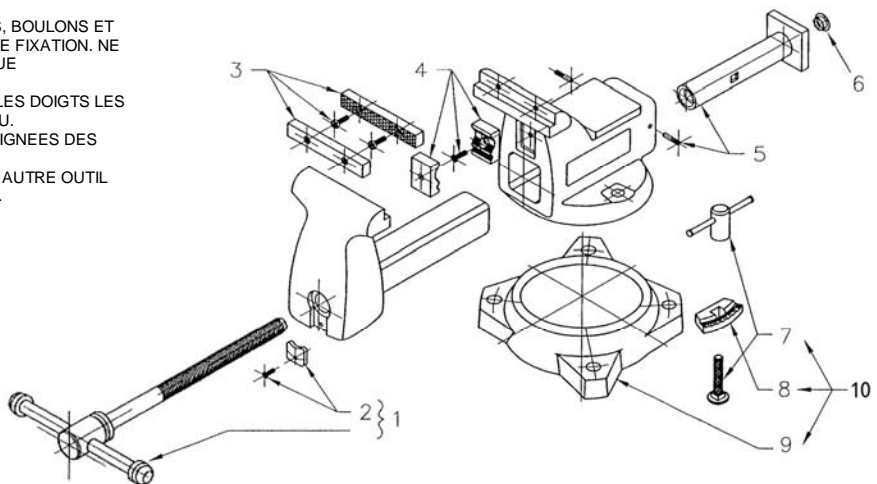
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET À D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
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INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTES DE L'ÉTAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ÉTAU.

Stock no.	63188
Model no.	1560
Jaw width (in.)	6
Maximum opening (in.)	5-3/4
Throat depth (in.)	4-1/8
Pipe jaw capacity (in.)	1/4 – 3-1/2
Net weight, approx. (lbs.)	69-1/2



- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
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ADVERTENCIA

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- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
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AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
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- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Spindle and Handle Assembly #1	Spindle Retainer w/ screw #2	Jaw Insert Assembly w/ four screws #3	Pipe Jaws w/ two screws #4	Casing Nut w/ two pins #5	End Plug #6	Lock Nut Assembly #7	Locking Pads (pair) #8	Outer Ring only #9	Swivel Base Assembly, Complete #10
21500-01	21500-02	21500-03	21500-04	21500-05	NA	21500-06	9040030	1013060	21500-08

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Part No. M-63188

Rev B 06/2014

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Stock no. 63199, Tradesman Vise (model 1745)

Stock no. 63200, Tradesman Vise (model 1755)

Stock no. 63201, Tradesman Vise (model 1765)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
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WHEN SETTING UP VISE:

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WHEN USING VISE:

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- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

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INSTALLATION DE L'ETAU:

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- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES CÔTES DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.
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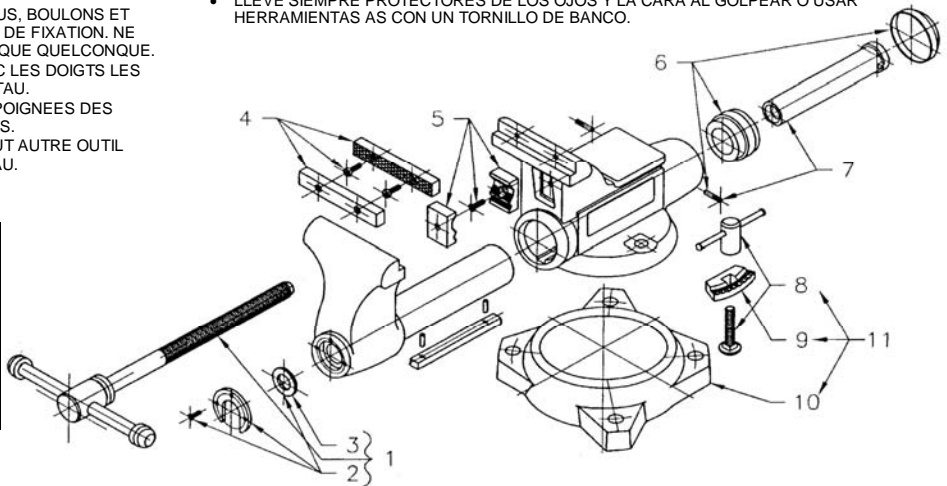
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- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.
- ASEGURARSE EL TOP DE BANCO PARA QUE LA VISE SE MONTA ESTÉ DEBIDAMENTE SUJETA.
- AL USAR EL TORNILLO DE BANCO:
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- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	63199	63200	63201
Model no.	1745	1755	1765
Jaw width (in.)	4-1/2	5-1/2	6-1/2
Jaw opening (in.)	4	5	6-1/2
Throat depth (in.)	3-1/4	3-3/4	4
Pipe jaw capcty. (in.)	1/4-2-1/2	1/4-3	1/4-3-1/2
Shipping weight (lb)	42	51.5	71



Replacement parts:

Model	Spindle Assembly 1	Spindle Retainer w/ 3 screws and #3 2	Thrust Washer 3	Set of Jaw Inserts w/ 4 screws 4	Set of Pipe Jaw Inserts w/ 2 screws 5	End Piece Assy w/ 2 pins 6	Casing Nut w/ 2 pins 7	Lock Nut Assy's 8	Locking Pads (pair) 9	Outer Ring only 10	Swivel Base Assembly (includes #8,9,10) 11
1745	2900000	2904000	Not available separately	2908060	2904200	2900970	2900220	2905190	9040010	1011990	2900230
1755	2900150	2904000		2908070	2904200	2907770	2900240	2905200	9040020	1011980	2905790
1765	2900330	2904010		2908080	2904200	2907780	2900340	2905200	9040020	1011980	2905790

WILTON

427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-6848
www.wiltontools.com

Part No. M-63199

Rev. G 08/2014

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Stock no. 63199, Tradesman Vise (model 1745)

Stock no. 63200, Tradesman Vise (model 1755)

Stock no. 63201, Tradesman Vise (model 1765)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ETAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ETAU.

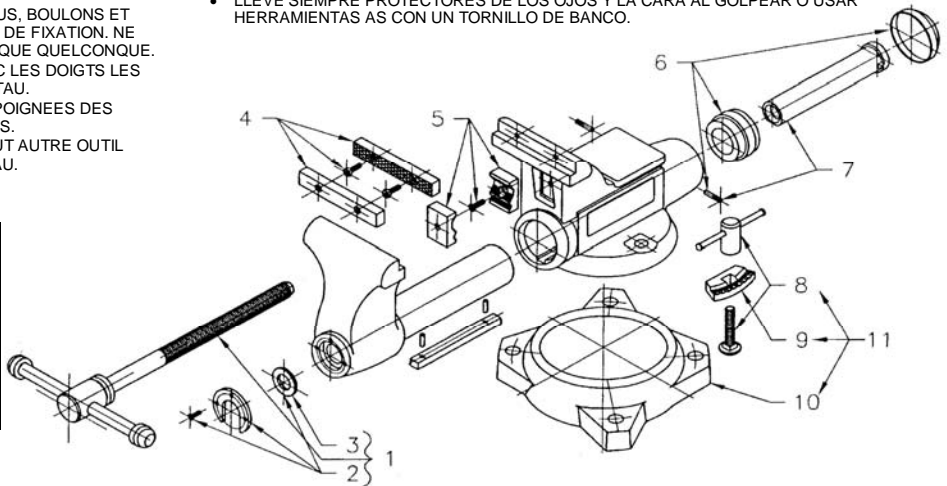
- S'ASSURER DU BANC DE HAUT EN QUI VISE EST MONTÉE EST CORRECTEMENT FIXÉE.
- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.
- AL CONFIGURAR EL TORNILLO DE BANCO:
- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.
- ASEGURARSE EL TOP DE BANCO PARA QUE LA VISE SE MONTA ESTÉ DEBIDAMENTE SUJETA.
- AL USAR EL TORNILLO DE BANCO:
- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	63199	63200	63201
Model no.	1745	1755	1765
Jaw width (in.)	4-1/2	5-1/2	6-1/2
Jaw opening (in.)	4	5	6-1/2
Throat depth (in.)	3-1/4	3-3/4	4
Pipe jaw capcty. (in.)	1/4-2-1/2	1/4-3	1/4-3-1/2
Shipping weight (lb)	42	51.5	71



Replacement parts:

Model	Spindle Assembly 1	Spindle Retainer w/ 3 screws and #3 2	Thrust Washer 3	Set of Jaw Inserts w/ 4 screws 4	Set of Pipe Jaw Inserts w/ 2 screws 5	End Piece Assy w/ 2 pins 6	Casing Nut w/ 2 pins 7	Lock Nut Assy's 8	Locking Pads (pair) 9	Outer Ring only 10	Swivel Base Assembly (includes #8,9,10) 11
1745	2900000	2904000	Not available separately	2908060	2904200	2900970	2900220	2905190	9040010	1011990	2900230
1755	2900150	2904000		2908070	2904200	2907770	2900240	2905200	9040020	1011980	2905790
1765	2900330	2904010		2908080	2904200	2907780	2900340	2905200	9040020	1011980	2905790

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Stock no. 63199, Tradesman Vise (model 1745)

Stock no. 63200, Tradesman Vise (model 1755)

Stock no. 63201, Tradesman Vise (model 1765)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
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INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ETAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ECROUS SUR LES CÔTÉS DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POIGNÉE DE L'ETAU.

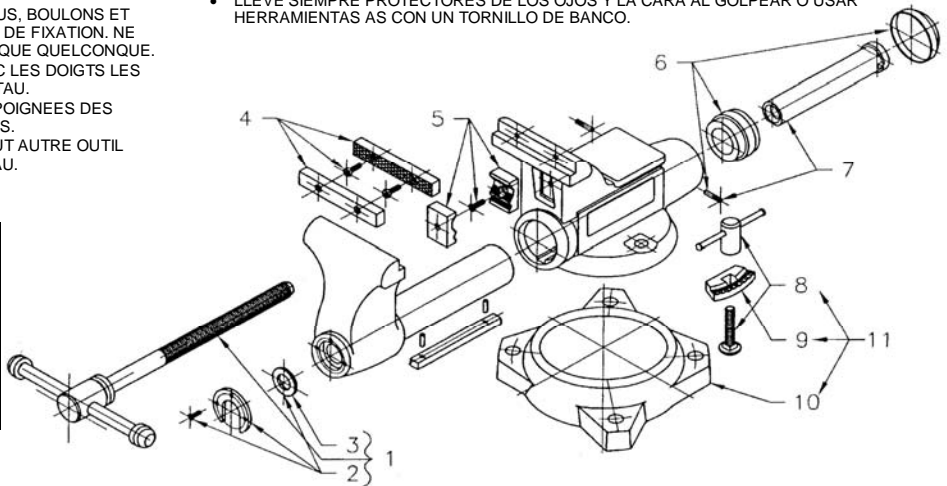
- S'ASSURER DU BANC DE HAUT EN QUI VISE EST MONTÉE EST CORRECTEMENT FIXÉE.
- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIÉE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ETAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.
- AL CONFIGURAR EL TORNILLO DE BANCO:
- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.
- ASEGURARSE EL TOP DE BANCO PARA QUE LA VISE SE MONTA ESTÉ DEBIDAMENTE SUJETA.
- AL USAR EL TORNILLO DE BANCO:
- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	63199	63200	63201
Model no.	1745	1755	1765
Jaw width (in.)	4-1/2	5-1/2	6-1/2
Jaw opening (in.)	4	5	6-1/2
Throat depth (in.)	3-1/4	3-3/4	4
Pipe jaw capcty. (in.)	1/4-2-1/2	1/4-3	1/4-3-1/2
Shipping weight (lb)	42	51.5	71



Replacement parts:

Model	Spindle Assembly 1	Spindle Retainer w/ 3 screws and #3 2	Thrust Washer 3	Set of Jaw Inserts w/ 4 screws 4	Set of Pipe Jaw Inserts w/ 2 screws 5	End Piece Assy w/ 2 pins 6	Casing Nut w/ 2 pins 7	Lock Nut Assy's 8	Locking Pads (pair) 9	Outer Ring only 10	Swivel Base Assembly (includes #8,9,10) 11
1745	2900000	2904000	Not available separately	2908060	2904200	2900970	2900220	2905190	9040010	1011990	2900230
1755	2900150	2904000		2908070	2904200	2907770	2900240	2905200	9040020	1011980	2905790
1765	2900330	2904010		2908080	2904200	2907780	2900340	2905200	9040020	1011980	2905790

WILTON

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Part No. M-63199

Rev. G 08/2014

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Stock no. 63202, Tradesman Vise (model 1780A)



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



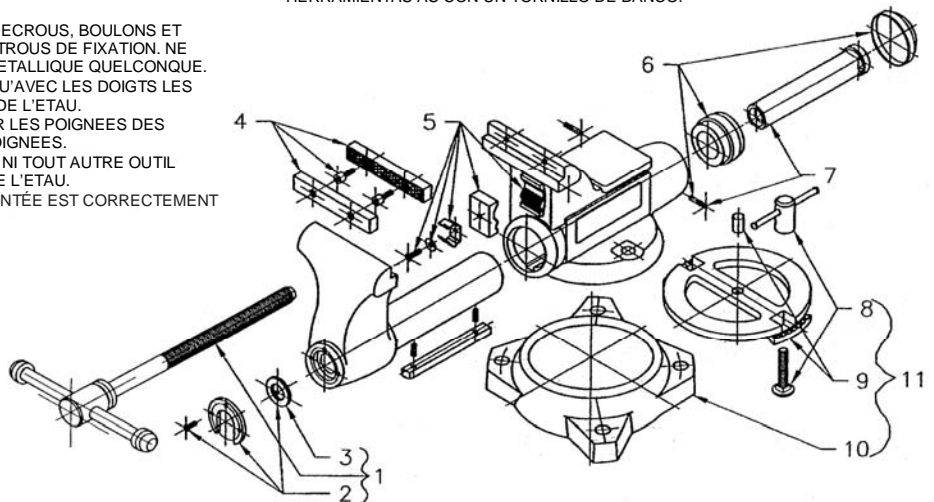
AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ETAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SECURITE, L'ETAU/DOIT INSTALLER ET UTILISER CORRÈCTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER A BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNEES DE CHAQUE COTE DE CETTE ETIQUETTE.

INSTALLATION DE L'ETAU:

- POUR BLOQUER LA BASE DE L'ETAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ETAU A UN OBJET METALLIQUE QUELCONQUE.
- POUR UN ETAU A BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNEES DES CONTRE-ECROUS SUR LES COTES DE L'ETAU.
- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNEES DES CONTRE-ECROUS-CELA POURRAIT TORDRE LES POIGNEES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGEE DE L'ETAU.
- S'ASSURER DU BANC DE HAUT EN QUI VISE EST MONTÉE EST CORRÈCTEMENT FIXÉE.

Stock no.	63202
Model no.	1780A
Jaw width (in.)	8
Jaw opening (in.)	7
Throat depth (in.)	4-3/4
Pipe jaw capcty. (in.)	1/8-3-1/2
Shipping weight (lb)	111



Replacement parts:

Spindle Assembly 1	Spindle Retainer w/ 3 screws and #3 2	Thrust Washer 3	Set of Jaw Inserts w/ 4 screws 4	Set of Pipe Jaw Inserts 5	End Piece Assly w/ 2 pins 6	Casing Nut w/ 2 pins 7	Lock Nut Assly's 8	Locking Pads (pair) 9	Outer Ring only 10	Swivel Base Assembly (includes #8,9,10) 11
2900510	2904070	Not available separately	2908100	2908050	2907470	2900520	2905370	1010830	1010840	2900590

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- NE JAMAIS DEVISSER LE MORS AU-DELA DE L'OUVERTURE MAXIMUM SPECIFIEE DE L'ETAU.
- LE JAMAIS UTILISER L'ETAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
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ADVERTENCIA

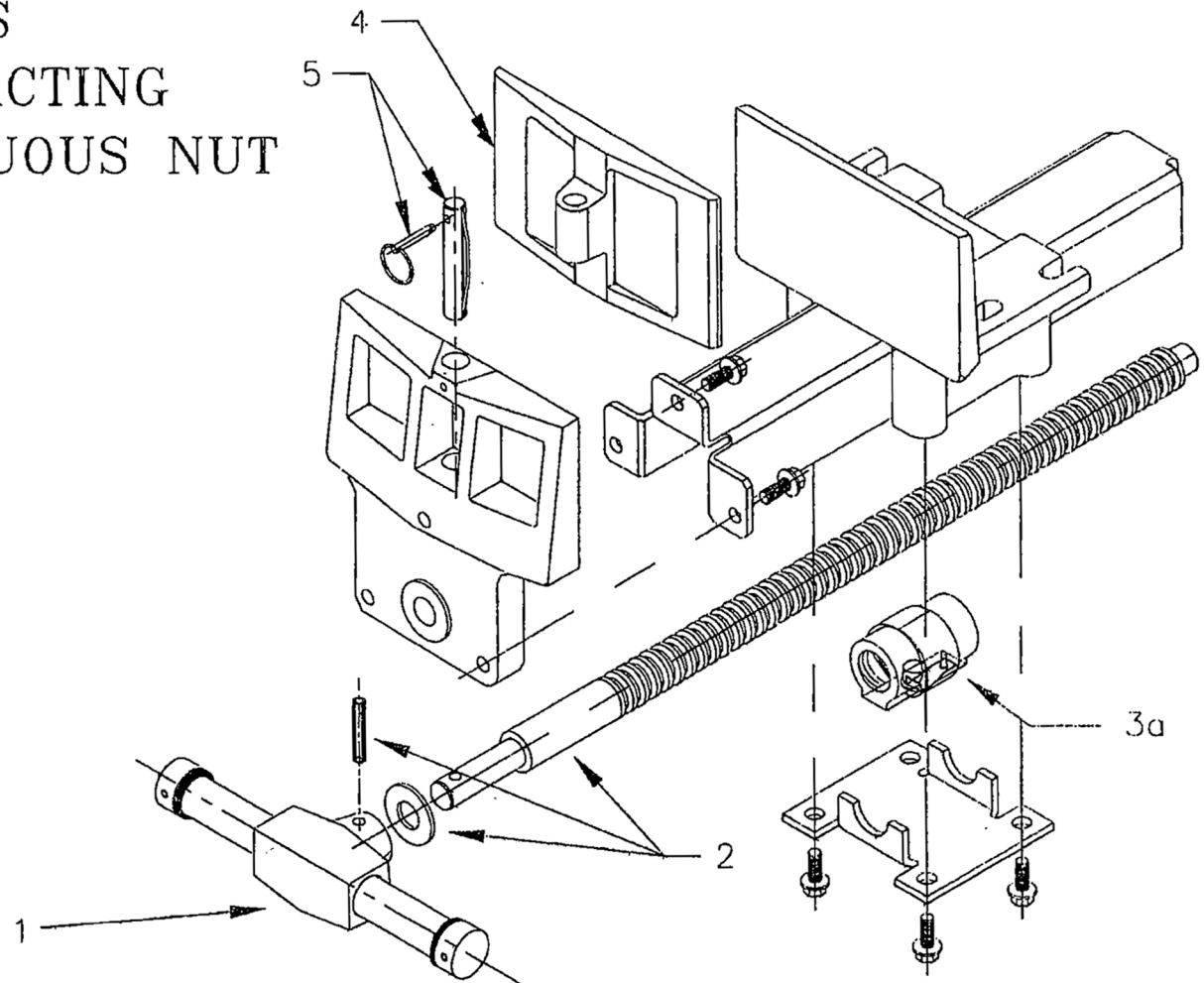
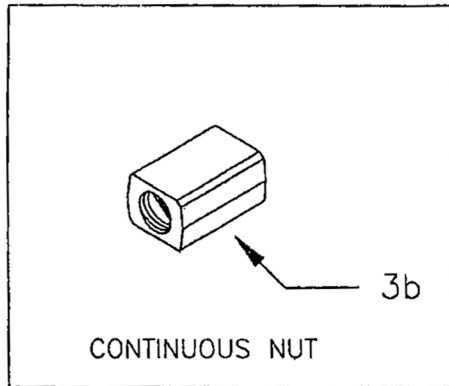
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- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.
- AL CONFIGURAR EL TORNILLO DE BANCO:
- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACIER QUE DOBLEN LAS PALANCAS.
- ASEGURARSE EL TOP DE BANCO PARA QUE LA VISE SE MONTA ESTÉ DEBIDAMENTE SUJETA.
- AL USAR EL TORNILLO DE BANCO:
- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

WOODWORKING VISES

78A & 79A RAPID ACTING

78C & 79C CONTINUOUS NUT

Replacement Parts



WJLTON MODEL NUMBER	BASIC VISE SIZE	ITEM #1 HANDLE ASSEMBLY	ITEM #2 SPINDLE, PIN & WASHER	ITEM #3a RAPID NUT ASSEMBLY	ITEM #3b CONTINUOUS NUT	ITEM #4 PIVOT JAW/ VISE DOG	ITEM #5 RELEASE & PIVOT PINS
78A*	4 X 7	1611811	2903370	1611881	NONE USED	1611931	2903380
78C**	4 X 7	1611811	2903370	NONE USED	1611781	1611931	2903380
79A***	4 X 10	1611811	2903390	1611881	NONE USED	1611981	2903380
79C****	4 X 10	1611811	2903390	NONE USED	1611781	1611981	2903380

* Model 78A replaced model 53A
 ** Model 78C replaced model 51A
 *** Model 79A replaced model 64A
 **** Model 79C replaced model 62A

WILTON®

WS-Series Shop Vises



SAFETY INFORMATION

Please Read Carefully:

- Misuse of vise can cause serious injury to eyes, hands, limbs, etc.
- To ensure safety, vise must be set up and used properly.
- Before setting up and using, read, understand and follow all instructions as outlined below.

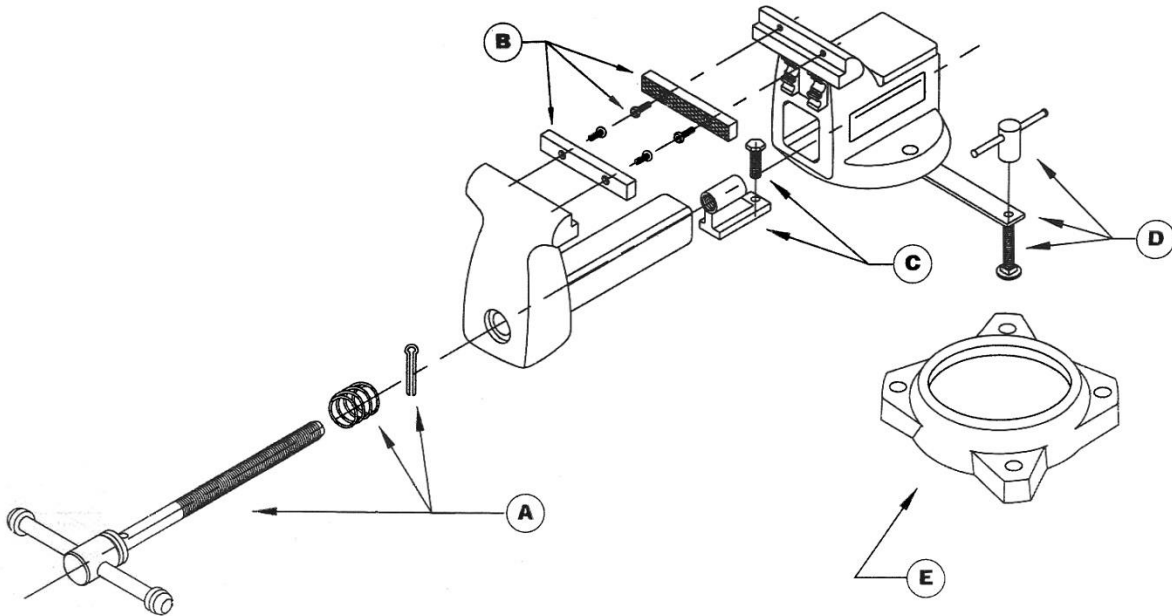
When Setting Up the Vise:

- Use proper size bolts, nuts, lock and flat washers in all base mounting holes. Never weld base of vise to any metal object.
- Only hand-tighten swivel base lock down nuts at the sides of the vise.

- Never use a pipe extension to tighten lock nut handles. This can cause the handles to bend and over-stress the lock down bolts.
- Make sure the bench top to which the vise is mounted is properly secured.

When Using the Vise:

- Always use vise of proper size and capacity to hold work object.
- Never use a hammer, pipe extension or cheater bar on spindle handle of vise.
- Never unscrew moveable jaw beyond the maximum specified opening of the vise.
- Never use vise as a press for assembly or disassembly of objects.
- Always wear eye and face protection when striking vise-held objects or when using power tools with a vise.



Stock No.	Model No.	Jaw Width (in.)	Jaw Opening (in.)	Throat Depth (in.)	Shipping Wt. (lbs.)	Replacement Parts				
						Spindle and Handle Assembly A	Serrated Jaw Inserts with screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring E
63300	WS4	4	4	2-3/4	22	310045W	310041W	310047W	310044WA	310046WA
63301	WS5	5	5	3	31	310042W	310051W	310047W	310054WA	310056WA
63302	WS6	6	6	3-1/2	42	310065W	310061W	310067W	310064W	310066WA
63304	WS8	8	8	4	67	310085W	310081W	310087W	310084WA	310086WA

Specifications were current at time of publication, but because of our policy of continuous improvement, WILTON reserves the right to change specifications at any time and without prior notice, without incurring obligations.

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 Ph.: 800-274-6848
 www.wiltontools.com

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WILTON®

WS-Series Shop Vises



SAFETY INFORMATION

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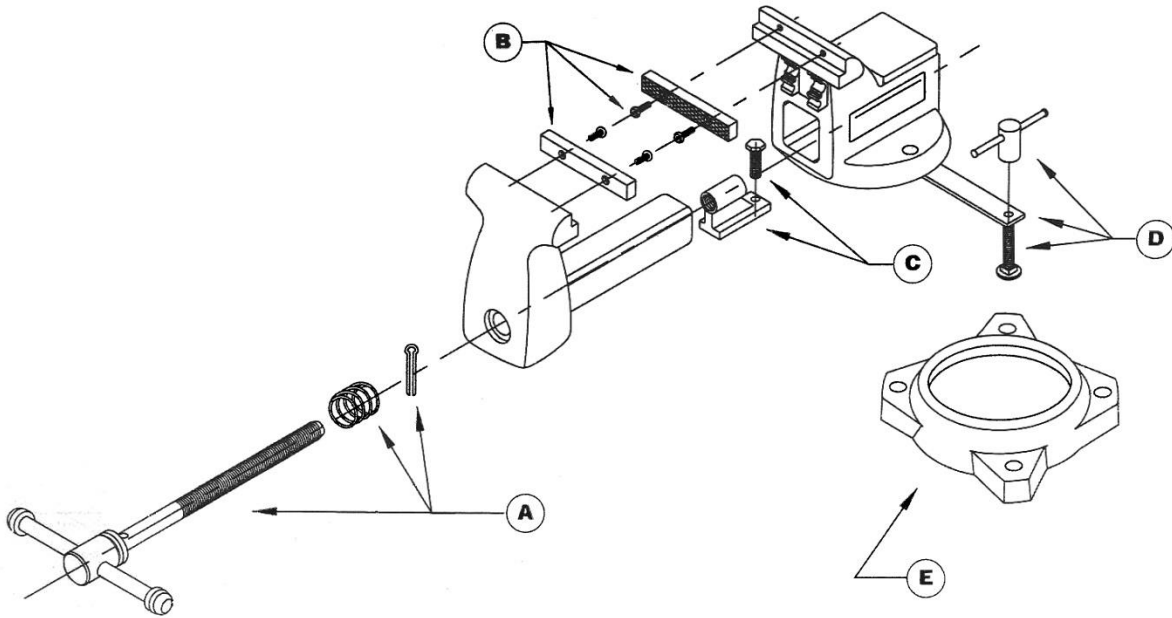
- Misuse of vise can cause serious injury to eyes, hands, limbs, etc.
- To ensure safety, vise must be set up and used properly.
- Before setting up and using, read, understand and follow all instructions as outlined below.

When Setting Up the Vise:

- Use proper size bolts, nuts, lock and flat washers in all base mounting holes. Never weld base of vise to any metal object.
- Only hand-tighten swivel base lock down nuts at the sides of the vise.

When Using the Vise:

- Never use a pipe extension to tighten lock nut handles. This can cause the handles to bend and over-stress the lock down bolts.
- Make sure the bench top to which the vise is mounted is properly secured.
- Always use vise of proper size and capacity to hold work object.
- Never use a hammer, pipe extension or cheater bar on spindle handle of vise.
- Never unscrew moveable jaw beyond the maximum specified opening of the vise.
- Never use vise as a press for assembly or disassembly of objects.
- Always wear eye and face protection when striking vise-held objects or when using power tools with a vise.



Stock No.	Model No.	Jaw Width (in.)	Jaw Opening (in.)	Throat Depth (in.)	Shipping Wt. (lbs.)	Replacement Parts				
						Spindle and Handle Assembly A	Serrated Jaw Inserts with screws B	Spindle Nut C	Lock Nut and Bolt Assembly D	Outer Ring E
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WILTON®

WS-Series Shop Vises



SAFETY INFORMATION

Please Read Carefully:

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- To ensure safety, vise must be set up and used properly.
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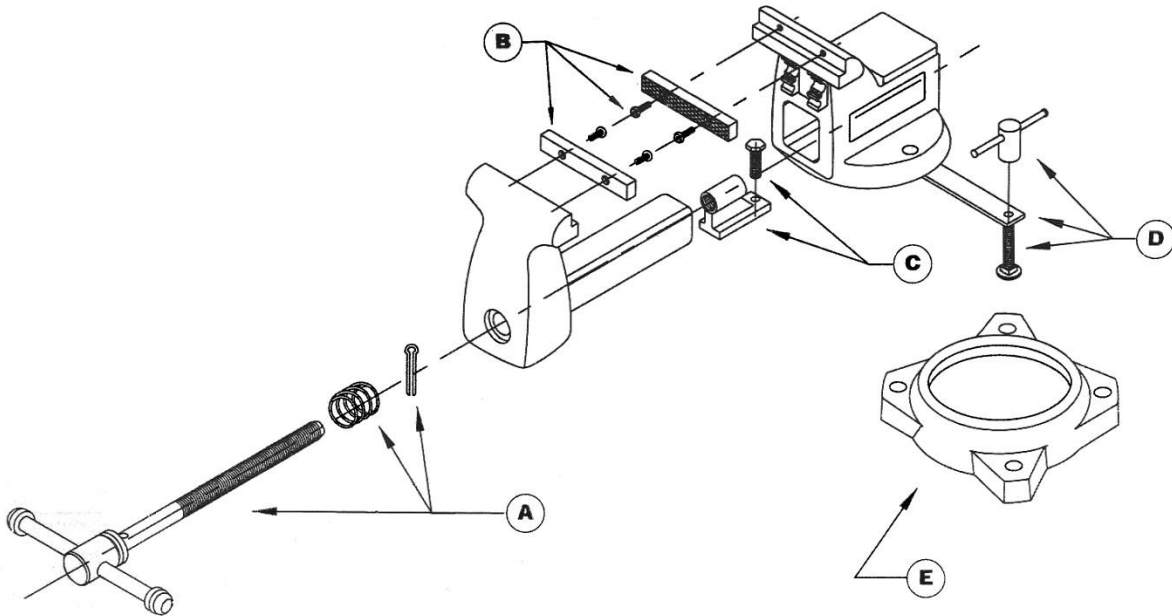
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- Always use vise of proper size and capacity to hold work object.
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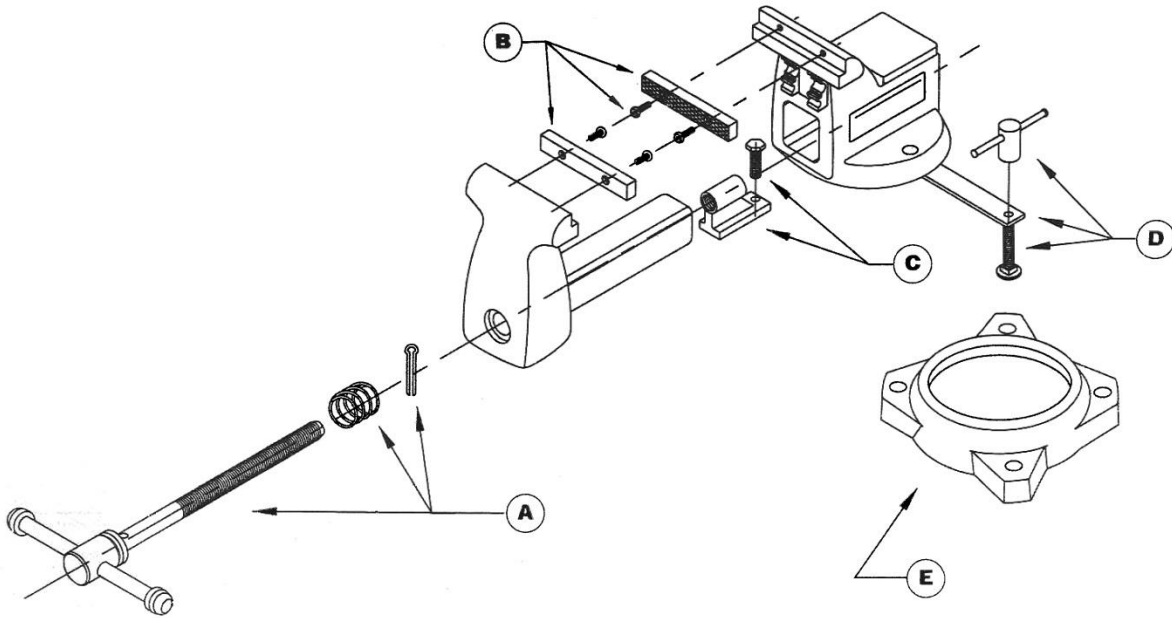
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- Always use vise of proper size and capacity to hold work object.
- Never use a hammer, pipe extension or cheater bar on spindle handle of vise.
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Stock No. 69999, Multi-Purpose Vise



WARNING

- MISUSE OF VISE CAN CAUSE SERIOUS INJURY TO EYES, HANDS, LIMBS, ETC.
- TO ENSURE SAFETY, VISE MUST BE SET UP AND USED PROPERLY.
- BEFORE SETTING UP AND USING, READ, UNDERSTAND, AND FOLLOW ALL INSTRUCTIONS AS OUTLINED BELOW:

WHEN SETTING UP VISE:

- USE PROPER SIZE BOLTS, NUTS, LOCK AND FLAT WASHERS, IN ALL BASE MOUNTING HOLES. NEVER WELD BASE OF VISE TO ANY METAL OBJECT.
- ONLY HAND-TIGHTEN SWIVEL BASE LOCK DOWN NUTS AT THE SIDES OF THE VISE.
- NEVER USE A PIPE EXTENSION TO TIGHTEN LOCK NUT HANDLES; THIS CAN CAUSE THE HANDLES TO BEND AND OVERSTRESS THE LOCK DOWN BOLTS.
- MAKE SURE THE BENCH TOP TO WHICH THE VISE IS MOUNTED IS PROPERLY SECURED.

WHEN USING VISE:

- ALWAYS USE VISE OF PROPER SIZE AND CAPACITY TO HOLD WORK OBJECT.
- NEVER USE A HAMMER, PIPE EXTENSION OR CHEATER BAR ON SPINDLE HANDLE OF VISE.
- NEVER UNSCREW MOVEABLE JAW BEYOND THE MAXIMUM SPECIFIED OPENING OF THE VISE.
- NEVER USE VISE AS A PRESS FOR ASSEMBLY OR DISASSEMBLY OF OBJECTS.
- ALWAYS WEAR EYE AND FACE PROTECTION WHEN STRIKING VISE-HELD OBJECTS OR WHEN USING POWER TOOLS WITH A VISE.



AVERTISSEMENT

- UNE UTILISATION INCORRECTE, DE L'ÉTAU PEUT ENTRAÎNER DES BLESSURES GRAVES AUX YEUX AUX MAINS ET A D'AUTRES PARTIES DU CORPS.
- POUR GARANTIR LA SÉCURITÉ, L'ÉTAU DOIT ÊTRE INSTALLÉ ET UTILISÉ CORRECTEMENT.
- AVANT INSTALLATION ET UTILISATION-LIRE, VEILLER À BIEN COMPRENDRE ET SUIVRE TOUTES LES INSTRUCTIONS TELLES QU'ELLES SONT DONNÉES DE CHAQUE CÔTÉ DE CETTE ÉTIQUETTE.

INSTALLATION DE L'ÉTAU:

- POUR BLOQUER LA BASE DE L'ÉTAU, UTILISER DES ECROUS, BOULONS ET RONDELLES DE LA BONNE TAILLE DANS TOUS LES TROUS DE FIXATION. NE JAMAIS SOUDER LA BASE DE L'ÉTAU À UN OBJET MÉTALLIQUE QUELCONQUE.
- POUR UN ÉTAU À BASE TOURNANTE, NE SERRER QU'AVEC LES DOIGTS LES POIGNÉES DES CONTRE-ÉCROUS SUR LES CÔTÉS DE L'ÉTAU.

- NE JAMAIS UTILISER UNE RALLONGE POUR SERRER LES POIGNÉES DES CONTRE-ÉCROUS-CELA POURRAIT TORDRE LES POIGNÉES.
- NE JAMAIS UTILISER UN MARTEAU, UNE RALLONGE NI TOUT AUTRE OUTIL PERMETTANT DE FAIRE LEVIER SUR LA POINGÉE DE L'ÉTAU.
- NE JAMAIS DEVISSER LE MORS AU-DELÀ DE L'OUVERTURE MAXIMUM SPÉCIFIÉE DE L'ÉTAU.
- LE JAMAIS UTILISER L'ÉTAU POUR ENFONCER UN OBJET DANS UN AUTRE OU L'EN FAIRE SORTIR.
- TOUJOURS PORTER DES LUNETTES ET UN MASQUE DE PROTECTION POUR FRAPPER SUR UN OBJET OU UTILISER UN OUTILLAGE ÉLECTRIQUE AVEC UN ÉTAU.



ADVERTENCIA

- EL USO INDEBIDO DEL TORNILLO DE BANCO PUEDE CAUSAR LESIONES GRAVES EN LOS OJOS, EN LAS MANOS Y EN OTRAS PARTES DEL CUERPO.
- PARA ASEGURAR LA SEGURIDAD, EL TORNILLO DE BANCO DEBE CONFIGURARSE Y UTILIZARSE DE FORMA DEBIDA.
- ANTES DE CONFIGURAR Y USAR-LEA, ENTIENDA Y SIGA TODAS LAS INSTRUCCIONES INDICADAS EN AMBOS LADOS DE LA ETIQUETA.

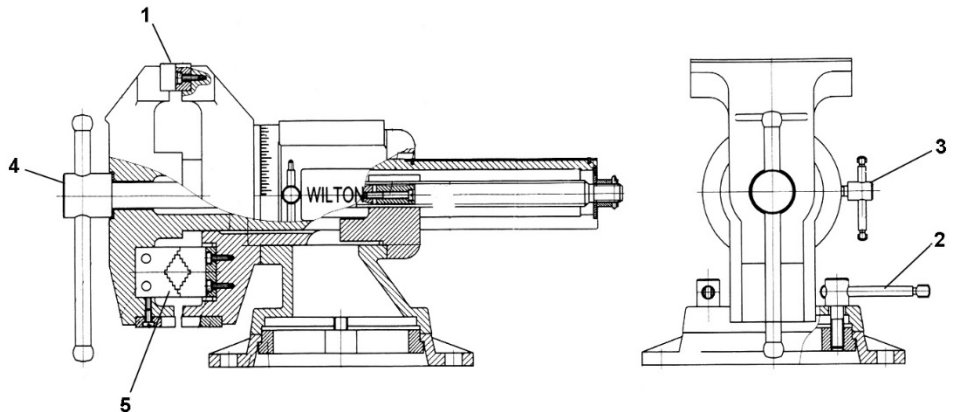
AL CONFIGURAR EL TORNILLO DE BANCO:

- PARA SUJETAR LA BASE DEL TORNILLO DE BANCO, USE TUERCAS, PERNOS Y ARANDELAS DE PRESION DEL TAMAÑO ADECUADO EN TODOS LOS AGUJEROS DE MONTAJE. NO SUELDE NUNCA LA BASE DEL TORNILLO DE BANCO A NINGUN OBJETO DE METAL.
- PARA EL TORNILLO DE BANCO DE BASE GIRATORIA, APRIETE SOLAMENTE A MANO LAS PALANCAS DE LAS CONTRATUERCAS EN LOS LADOS DEL TORNILLO DE BANCO.
- NO USE NUNCA UN TUBO DE EXTENSION PARA APRETAR LAS PALANCAS EN LAS CONTRATUERCAS ESTO PUEDE HACER QUE DOBLEN LAS PALANCAS.

AL USAR EL TORNILLO DE BANCO:

- USE SIEMPRE UN TORNILLO DE BANCO DEL TAMAÑO Y DE LA CAPACIDAD ADECUADOS PARA SUJETAR EL OBJETO DE TRABAJO.
- NO USE NUNCA UN MARTILLO, UN TUBO DE EXTENSION O UN ÁLARGADOR EN LA PALANCA DEL USO DEL TORNILLO DE BANCO.
- NO DESATORNILLE NUNCA LA MORDAZA MOVIL MAS ALLA DE LA ABERTURA ESPECIFICADA MAXIMA DEL TORNILLO DE BANCO.
- NO USE NUNCA EL TORNILLO DE BANCO PARA ENCAJAR UN OBJETO EN OTRO OBJETO O DESPRENDERLO DE OTRO OBJETO.
- LLEVE SIEMPRE PROTECTORES DE LOS OJOS Y LA CARA AL GOLPEAR O USAR HERRAMIENTAS AS CON UN TORNILLO DE BANCO.

Stock no.	69999
Jaw width (in.)	5
Jaw rotation (deg.)	360
Maximum opening (in.)	5-1/4
Throat depth (in.)	3
Pipe jaw capacity (in.)	3/8 – 3
Net weight, approx. (lb.)	45-1/2



Jaw assembly with screws #1	Lockdown handle #2	Rotational Lockdown handle #3	T-handle and spindle #4	Pipe jaw assembly with screws #5
69999S41	69999S42	69999S43	69999S44	69999S45

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Part No. M-69999

Rev B1 05/2015

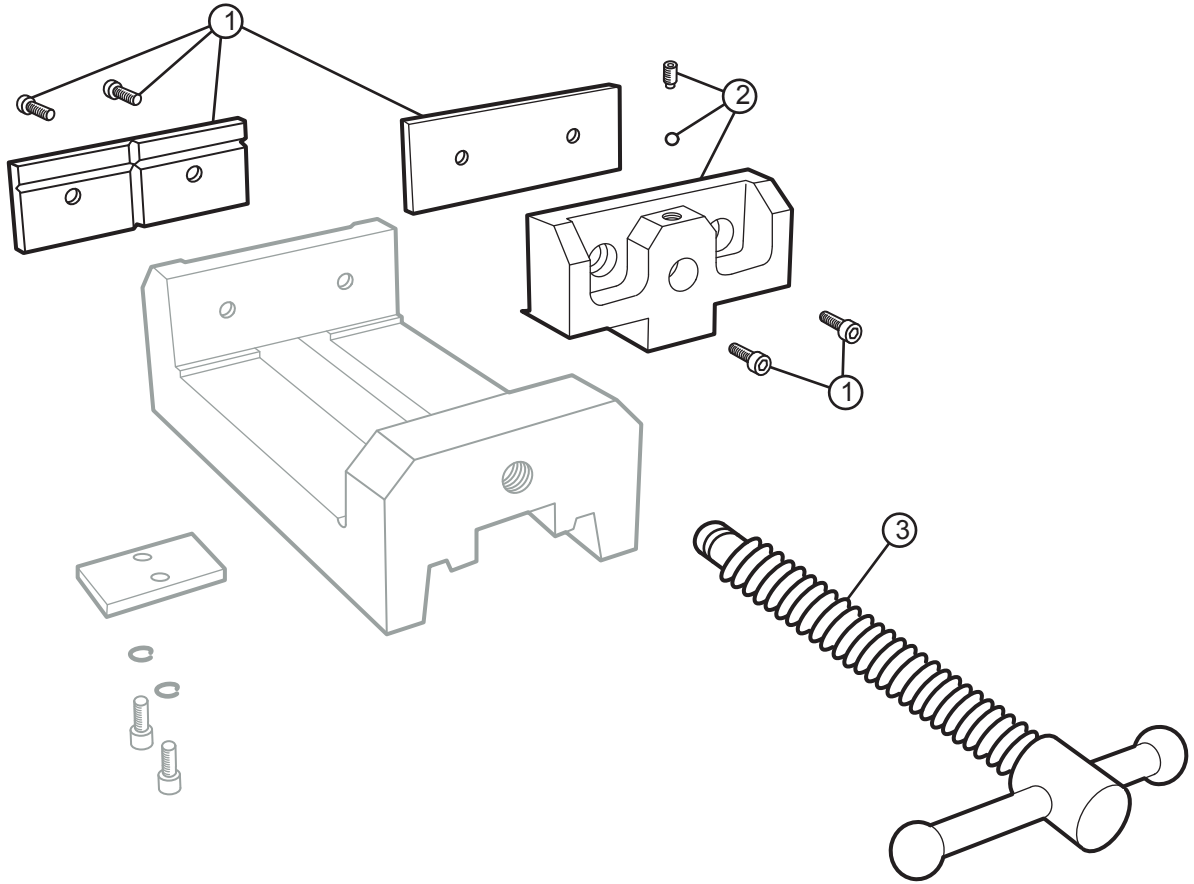
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4" Industrial Drill Press Vise - Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-1/2" Jaw Depth

Stock #: 11674 Model #: DI44



#	Part	Description
1	11674-01	Jaw Insert Assembly (4 screws)
2	11674-02	Movable Jaw & Screw
3	11674-03	Spindle & Handle Assembly

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Part No. M-11674

Revision B 08/2014

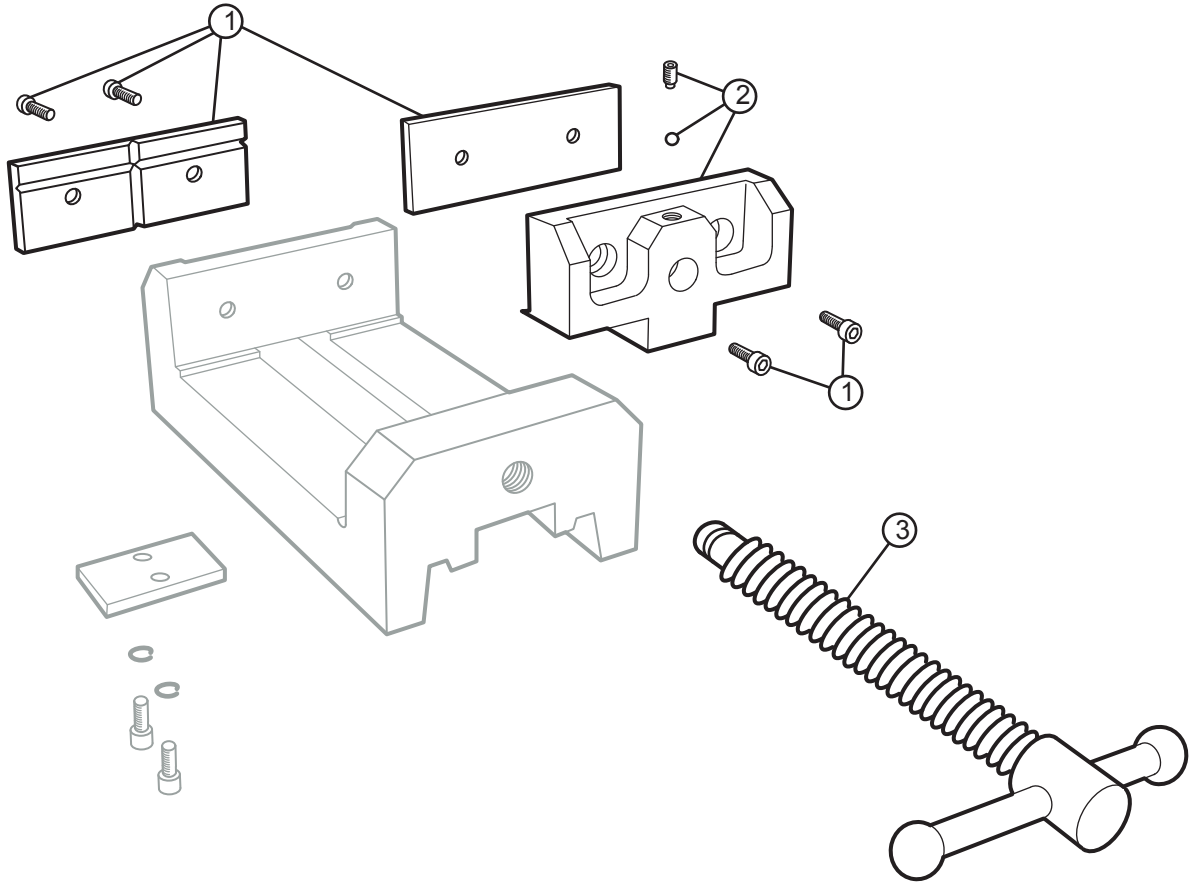
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6" Industrial Drill Press Vise - Parts Diagram

6" Jaw Width, 6" Jaw Opening, 2" Jaw Depth

Stock #: 11676 Model #: DI66



#	Part	Description
1	11676-01	Jaw Insert Assembly (4 screws)
2	11676-02	Movable Jaw & Screw
3	11676-03	Spindle & Handle Assembly

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Part No. M-11676

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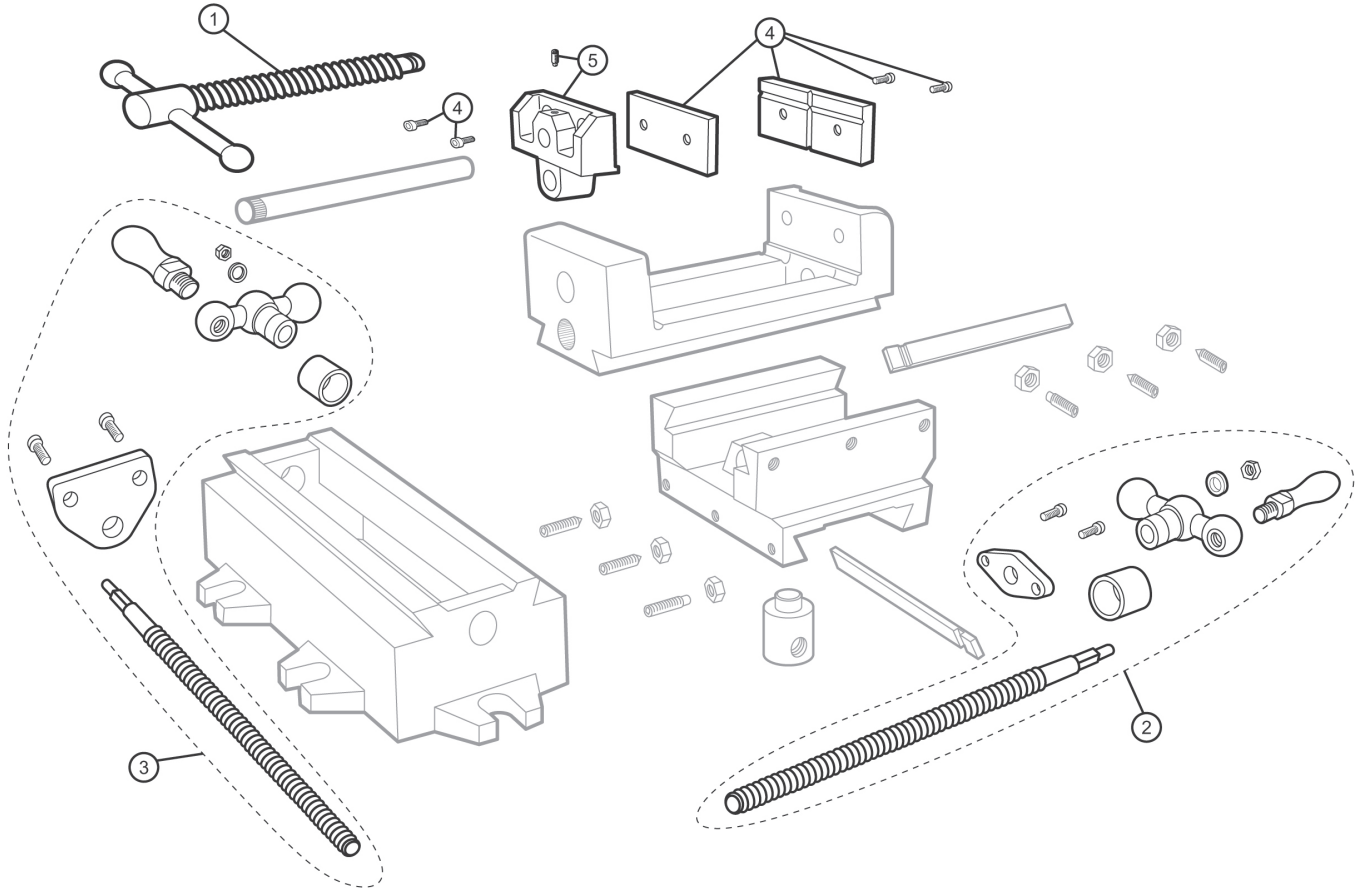
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3" Cross Slide Drill Press Vise - Parts Diagram

3" Jaw Width, 3" Jaw Opening, 1-1/8" Jaw Depth

Stock #: 11693 Model #: CS3



#	Part	Description
1	11693-01	Handle & Spindle Assembly - 1
2	11693-02	Handle & Spindle Assembly - 2
3	11693-03	Handle & Spindle Assembly - 3
4	11693-04	Jaw Insert Assembly
5	11693-05	Moveable Jaw with Screw

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Part No. M-11693
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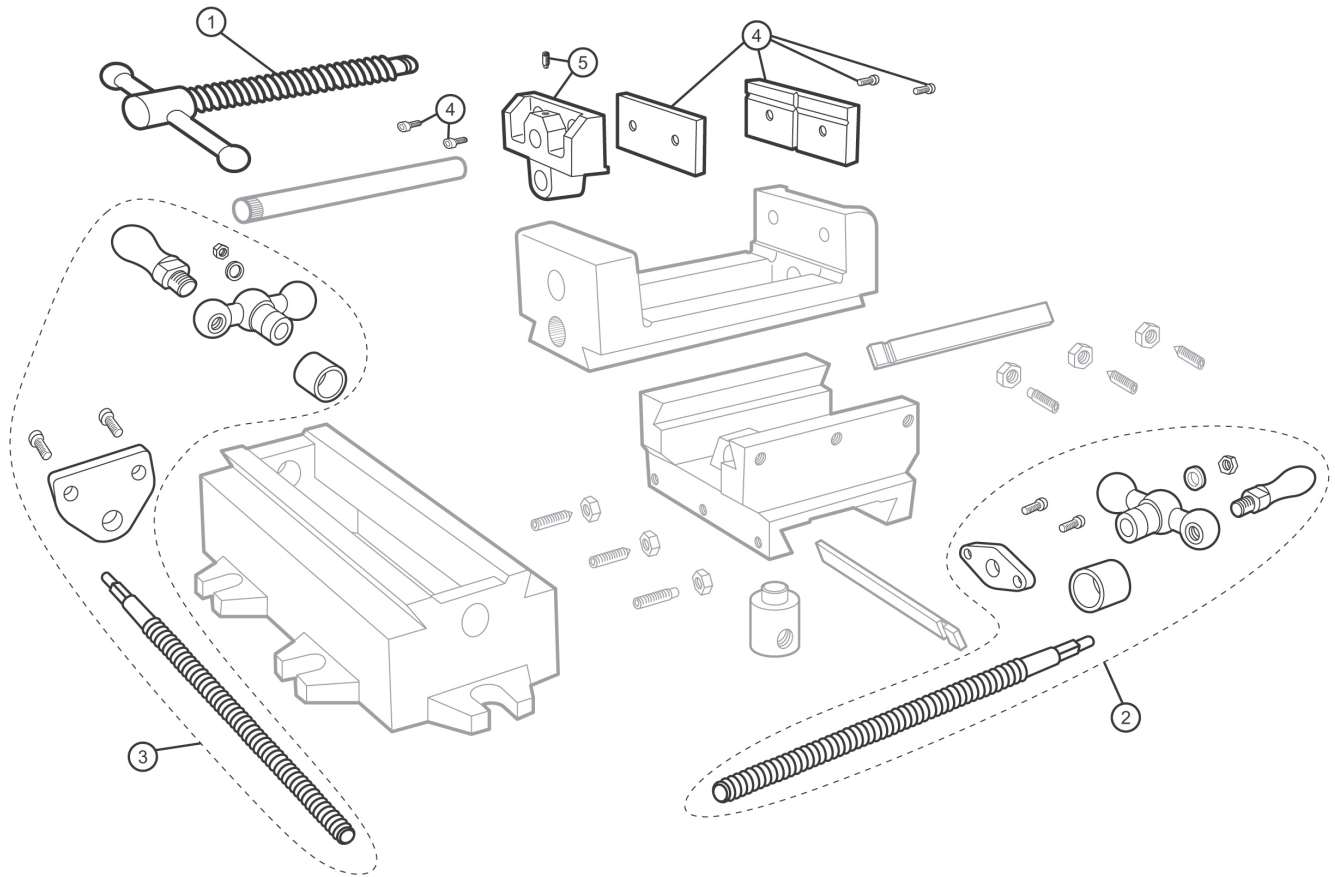
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4" Cross Slide Drill Press Vise - Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-3/8" Jaw Depth

Stock #: 11694 Model #: CS4



#	Part	Description
1	11694-01	Handle & Spindle Assembly - 1
2	11694-02	Handle & Spindle Assembly - 2
3	11694-03	Handle & Spindle Assembly - 3
4	11694-04	Jaw Insert Assembly
5	11694-05	Moveable Jaw with Screw

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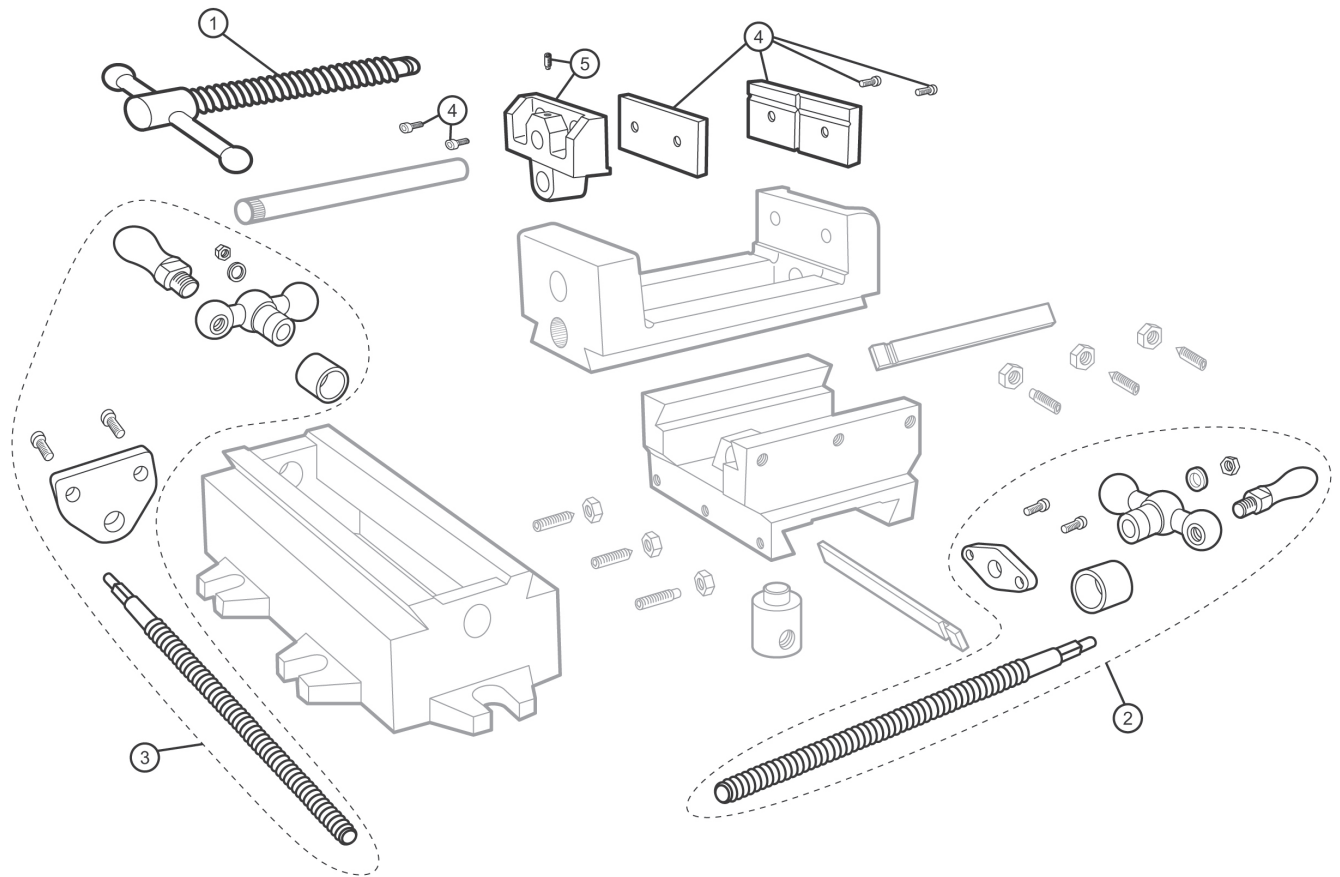
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5" Cross Slide Drill Press Vise - Parts Diagram

5" Jaw Width, 5" Jaw Opening, 1-1/2" Jaw Depth

Stock #: 11695 Model #: CS5



#	Part	Description
1	11695-01	Handle & Spindle Assembly - 1
2	11695-02	Handle & Spindle Assembly - 2
3	11695-03	Handle & Spindle Assembly - 3
4	11695-04	Jaw Insert Assembly
5	11695-05	Moveable Jaw with Screw

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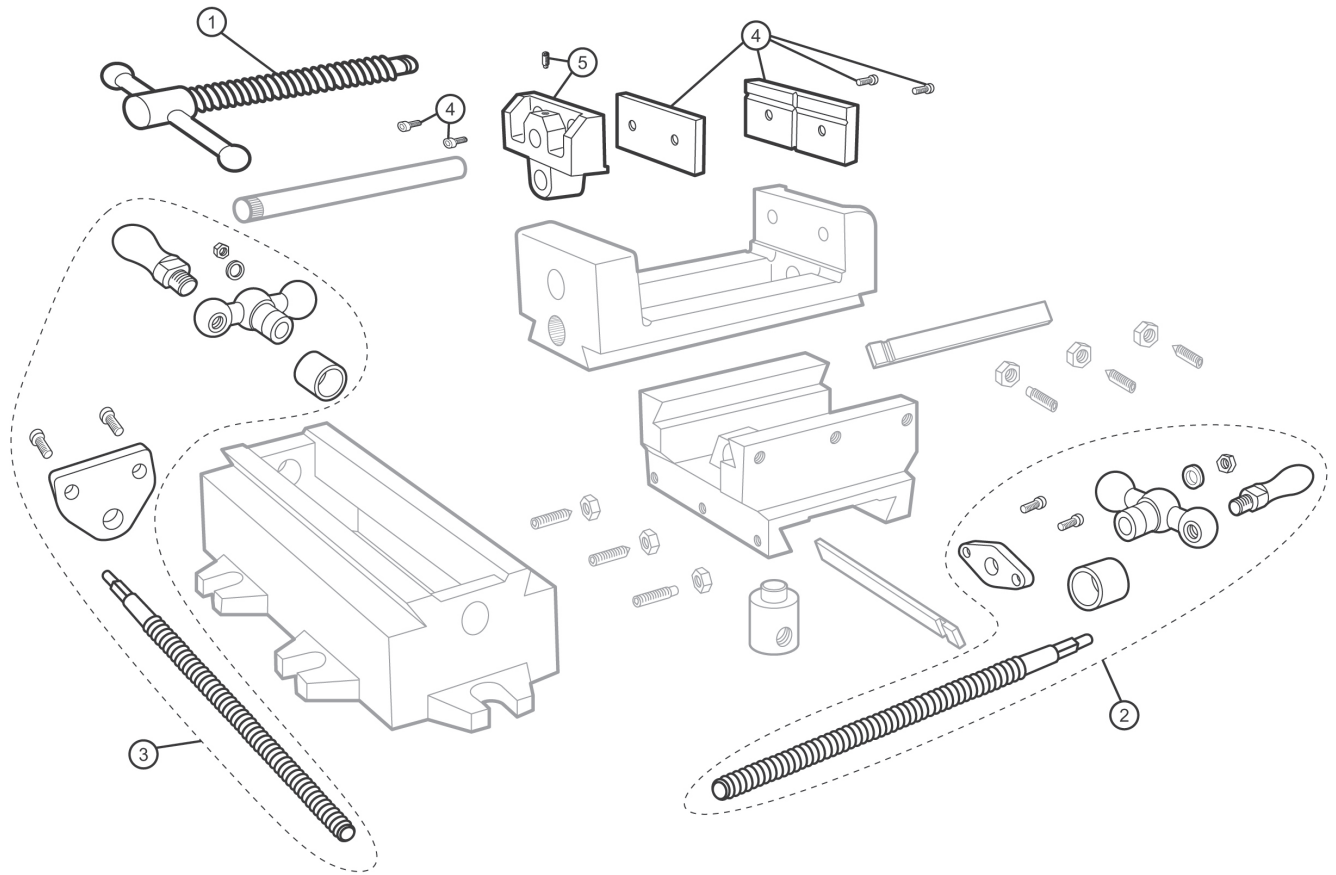
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6" Cross Slide Drill Press Vise - Parts Diagram

6"Jaw Width, 6"Jaw Opening, 2" Jaw Depth

Stock #: 11696 Model #: CS6



#	Part	Description
1	11696-01	Handle & Spindle Assembly - 1
2	11696-02	Handle & Spindle Assembly - 2
3	11696-03	Handle & Spindle Assembly - 3
4	11696-04	Jaw Insert Assembly
5	11696-05	Moveable Jaw with Screw

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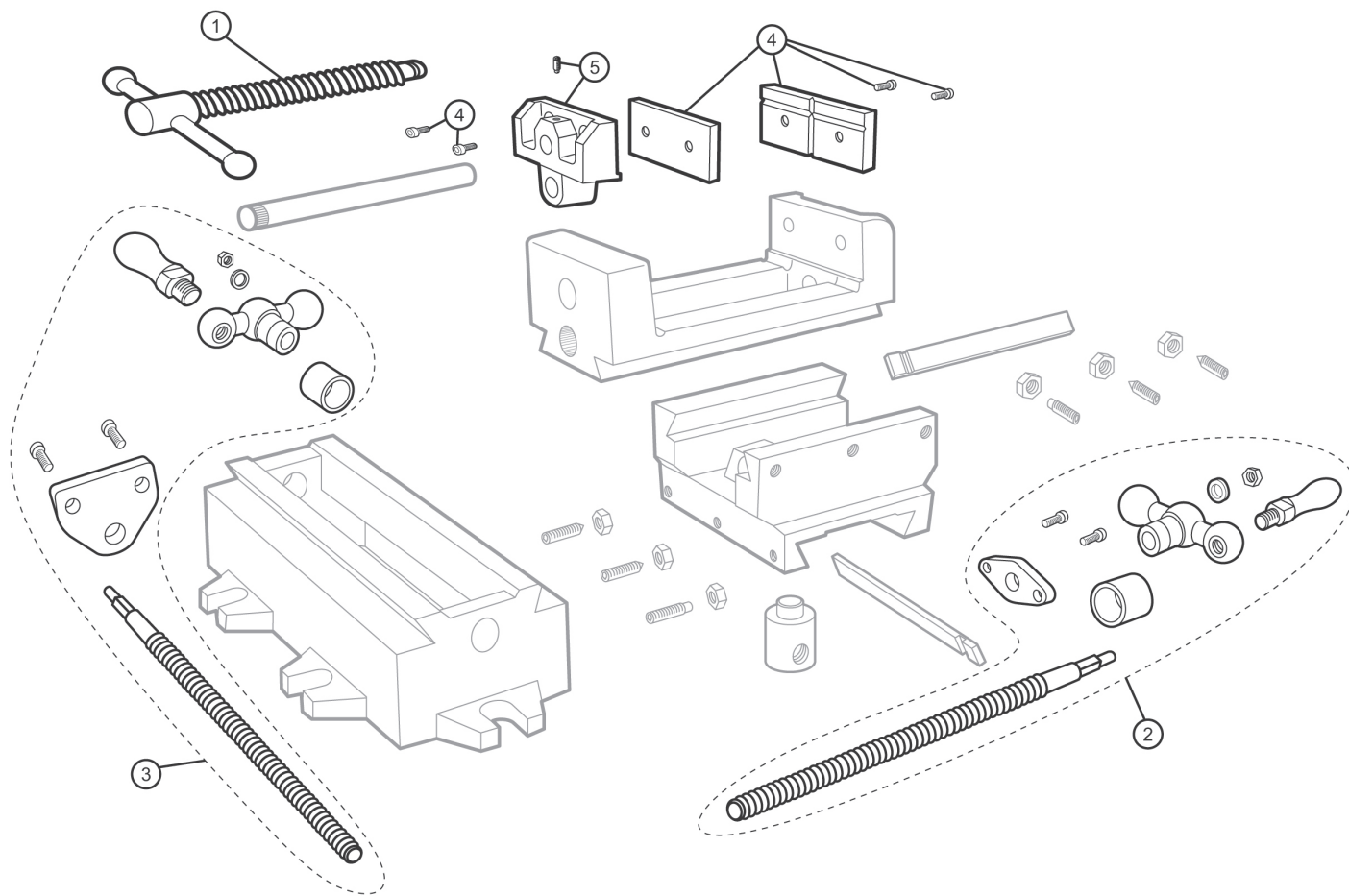
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8" Cross Slide Drill Press Vise - Parts Diagram

8"Jaw Width, 8"Jaw Opening, 2" Jaw Depth

Stock #: 11698 Model #: CS8



#	Part	Description
1	11698-01	Handle & Spindle Assembly - 1
2	11698-02	Handle & Spindle Assembly - 2
3	11698-03	Handle & Spindle Assembly - 3
4	11698-04	Jaw Insert Assembly
5	11698-05	Moveable Jaw with Screw

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Part No. M-11698

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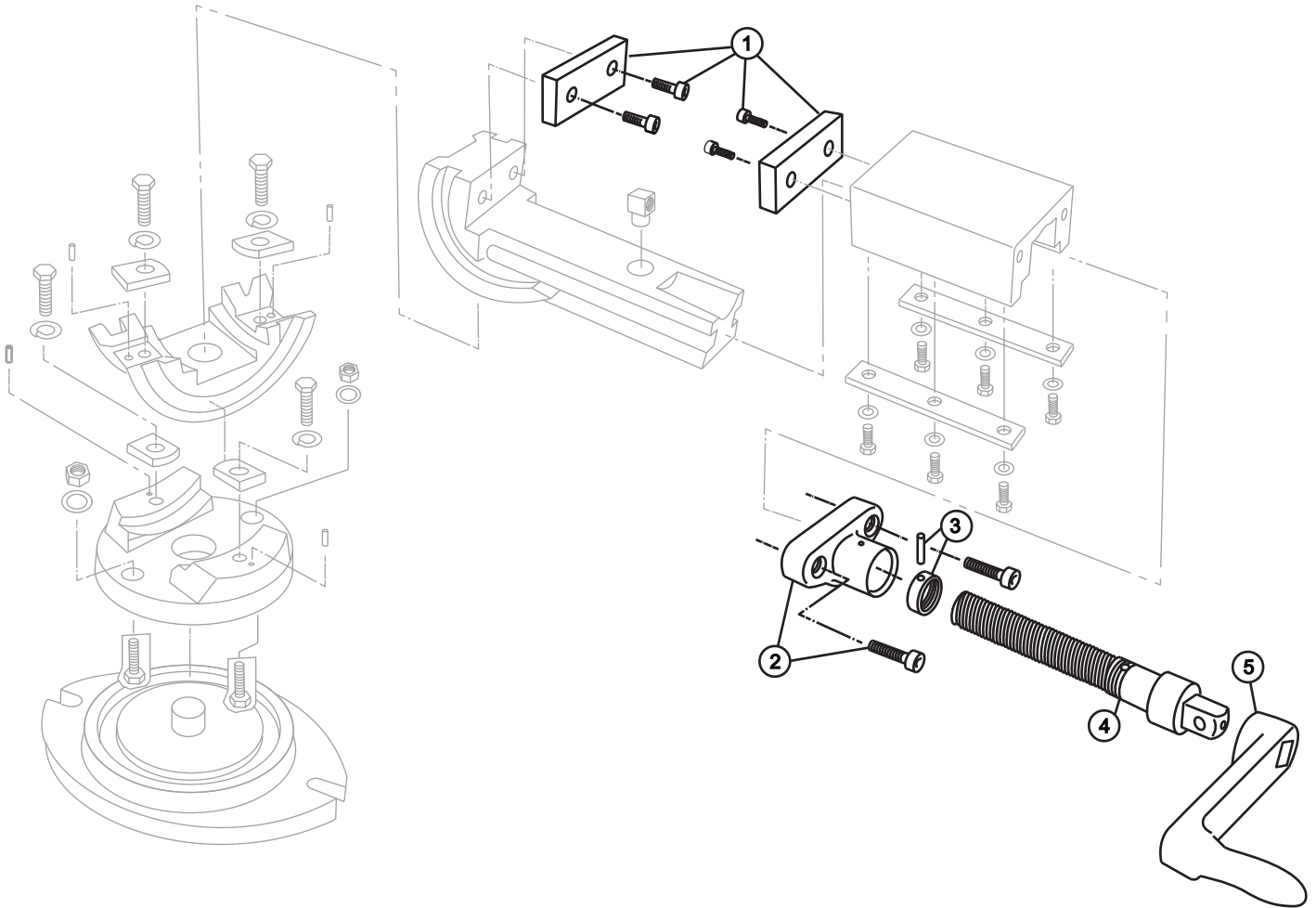
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Super Precision 3-Axis Tilting Machine Vise Parts Diagram

2" Jaw Width, 2" Jaw Opening, 1-5/16" Jaw Depth

Stock #: 11700 Model #: TLT/SP-50



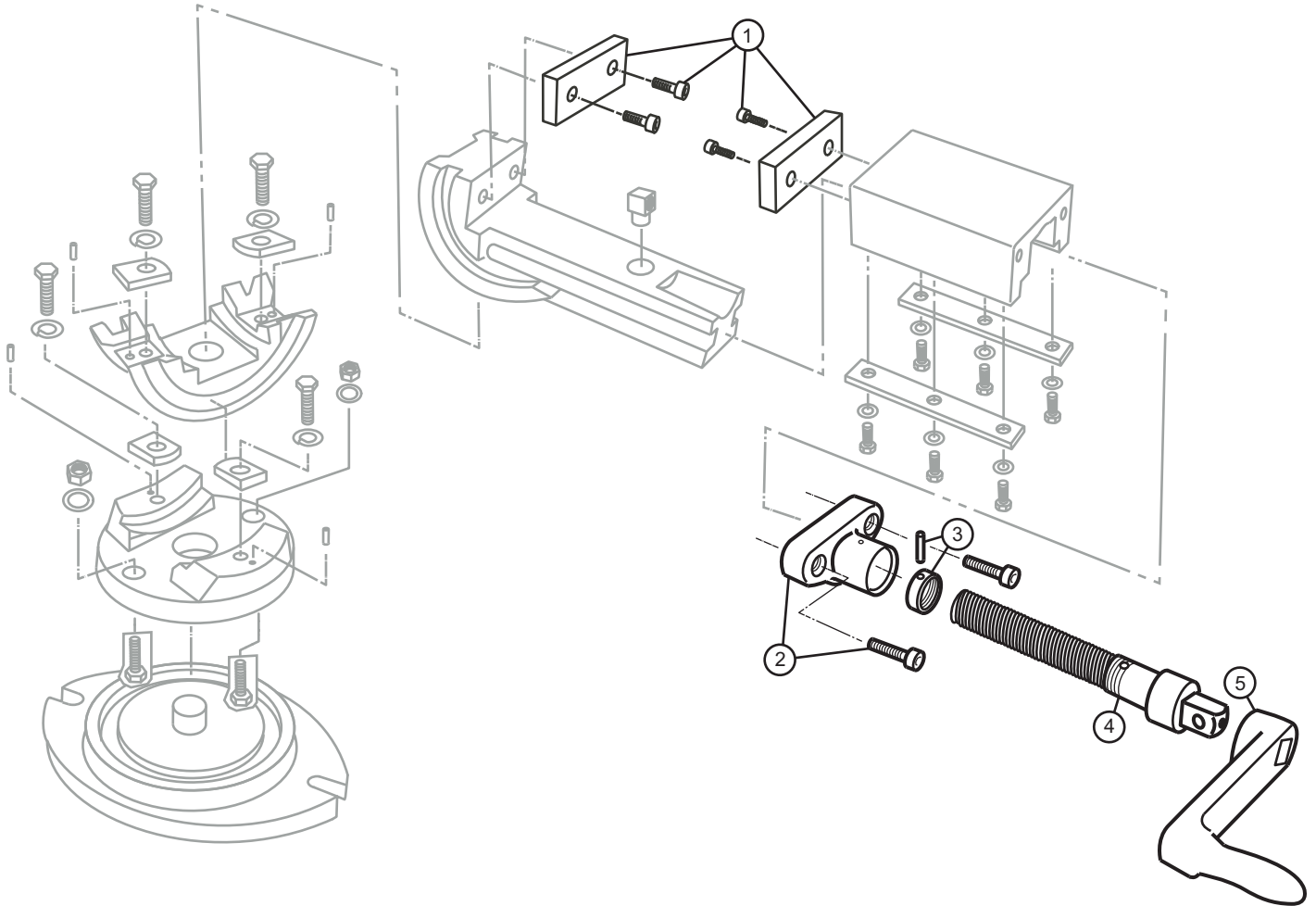
#	Part	Description
1	11700-01	Jaw Insert Assembly
2	11700-02	Sleeve and Socket Head (2)
3	11700-03	Collar and Roll Pin
4	11700-04	Clamp Screw
5	11700-05	Handle



Super Precision 3-Axis Tilting Machine Vise Parts Diagram

3" Jaw Width, 3" Jaw Opening, 1-5/16" Jaw Depth

Stock #: 11701 Model #: TLT/SP -75



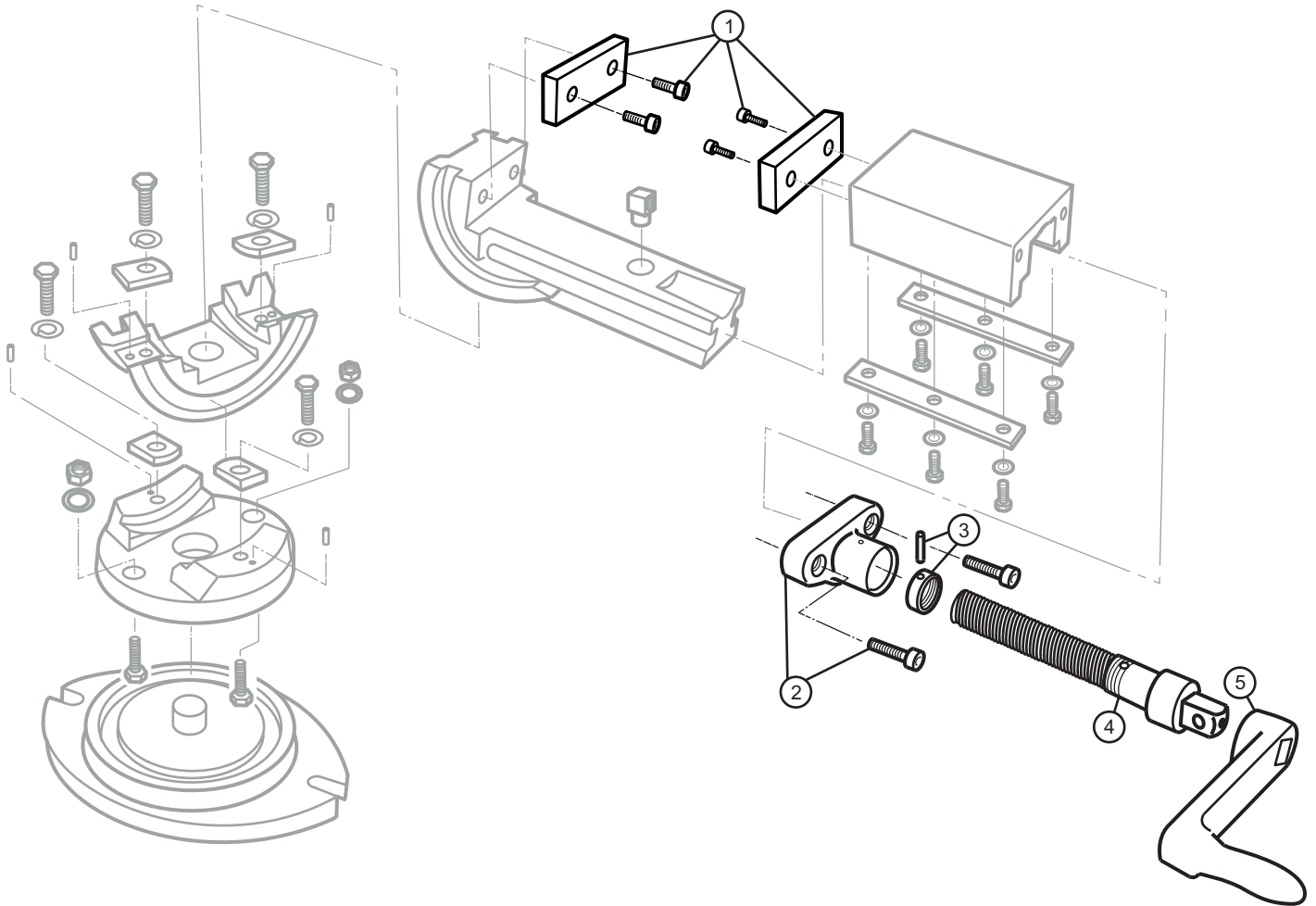
#	Part	Description
1	11701-01	Jaw Insert Assembly
2	11701-02	Sleeve and Socket Head (2)
3	11701-03	Collar and Roll Pin
4	11701-04	Clamp Screw
5	11701-05	Handle



Super Precision 3-Axis Tilting Machine Vise Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-9/16" Jaw Depth

Stock #: 11702 Model #: TLT/SP-100



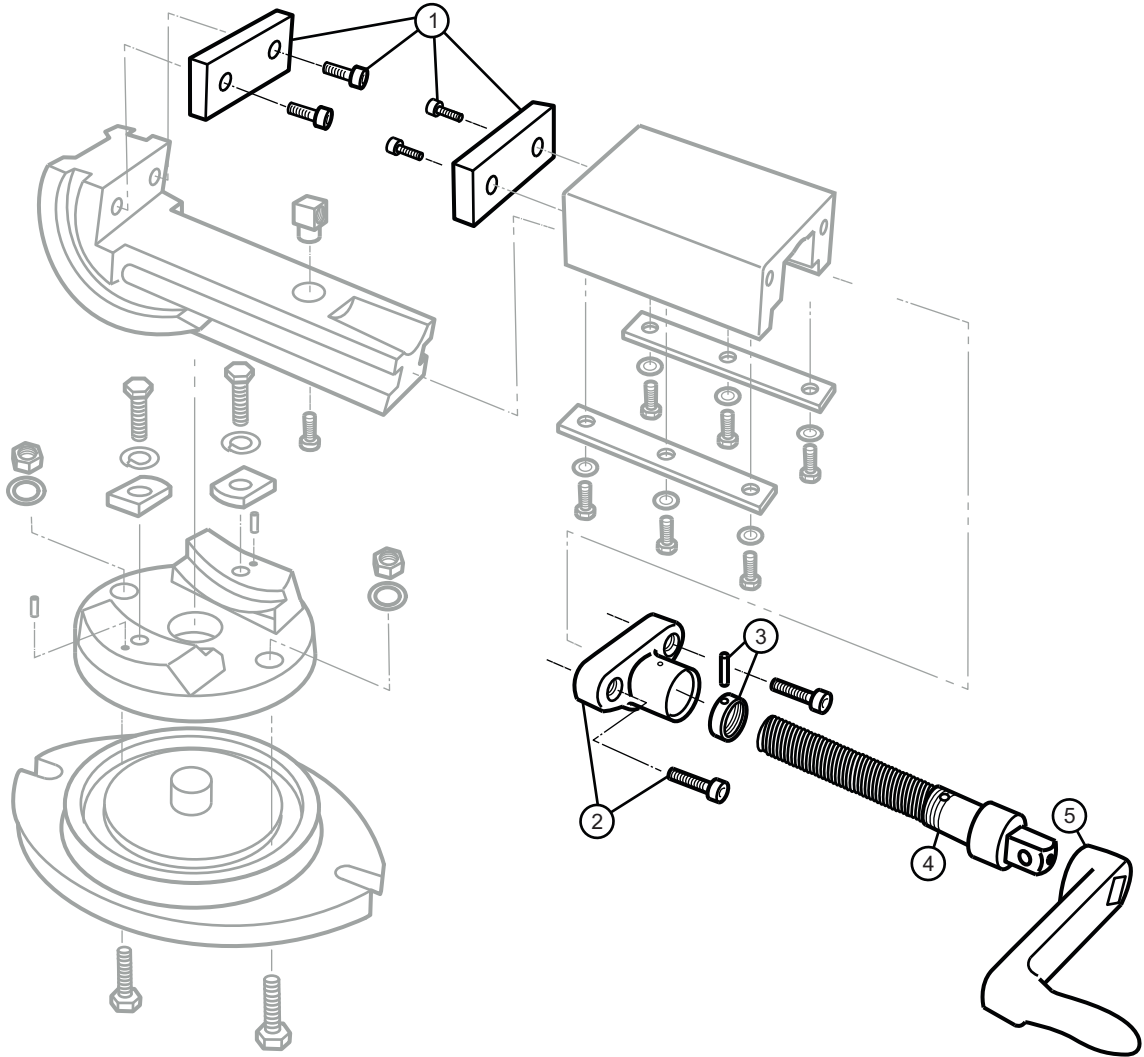
#	Part	Description
1	11702-01	Jaw Insert Assembly
2	11702-02	Sleeve and Socket Head (2)
3	11702-03	Collar and Roll Pin
4	11702-04	Clamp Screw
5	11702-05	Handle



Super Precision 2-Axis Angular Machine Vise Parts Diagram

2" Jaw Width, 2" Jaw Opening, 15/16" Jaw Depth

Stock #: 111703 Model #: AMV/SP-50



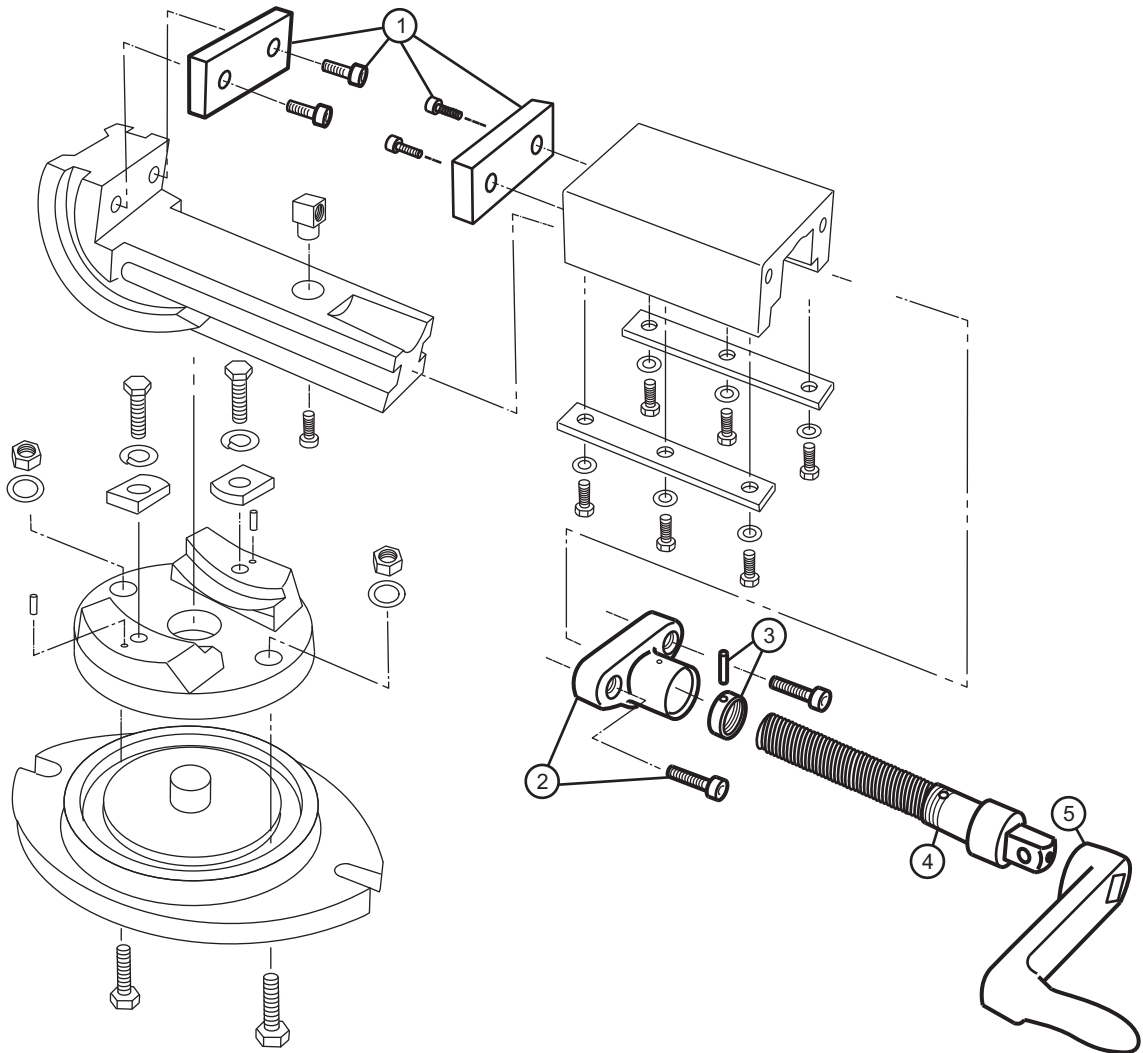
#	Part	Description
1	11703-01	Jaw Insert Assembly
2	11703-02	Sleeve and Socket Head (2)
3	11703-03	Collar and Roll Pin
4	11703-04	Clamp Screw
5	11703-05	Handle



Super Precision 2-Axis Angular Machine Vise Parts Diagram

3" Jaw Width, 3" Jaw Opening, 1-5/16" Jaw Depth

Stock #: 11704 Model #: AMV/SP-75



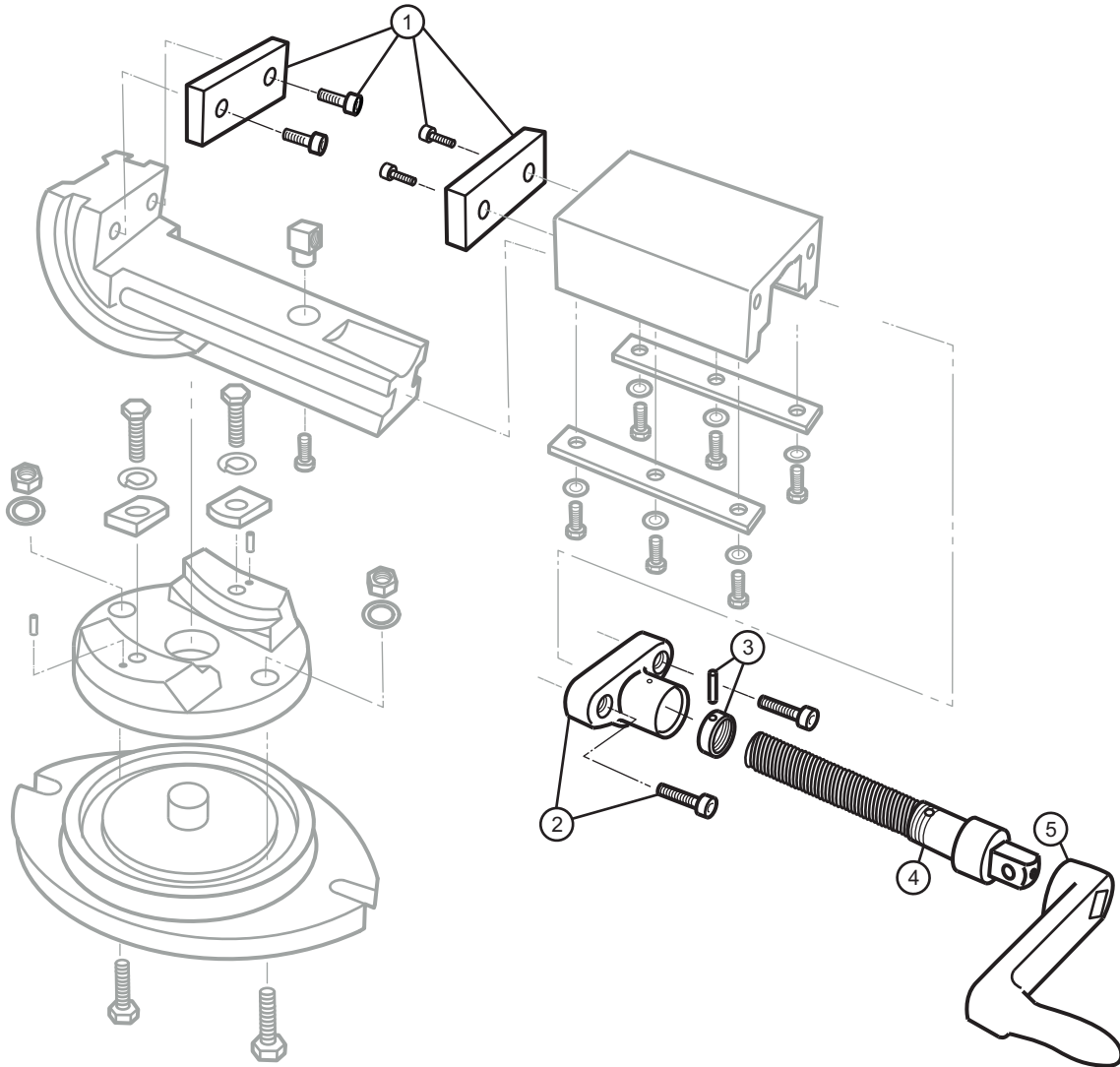
#	Part	Description
1	11704-01	Jaw Insert Assembly
2	11704-02	Sleeve and Socket Head (2)
3	11704-03	Collar and Roll Pin
4	11704-04	Clamp Screw
5	11704-05	Handle



Super Precision 2-Axis Angular Machine Vise Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-9/16" Jaw Depth

Stock #: 11705 Model #: AMV/SP-100



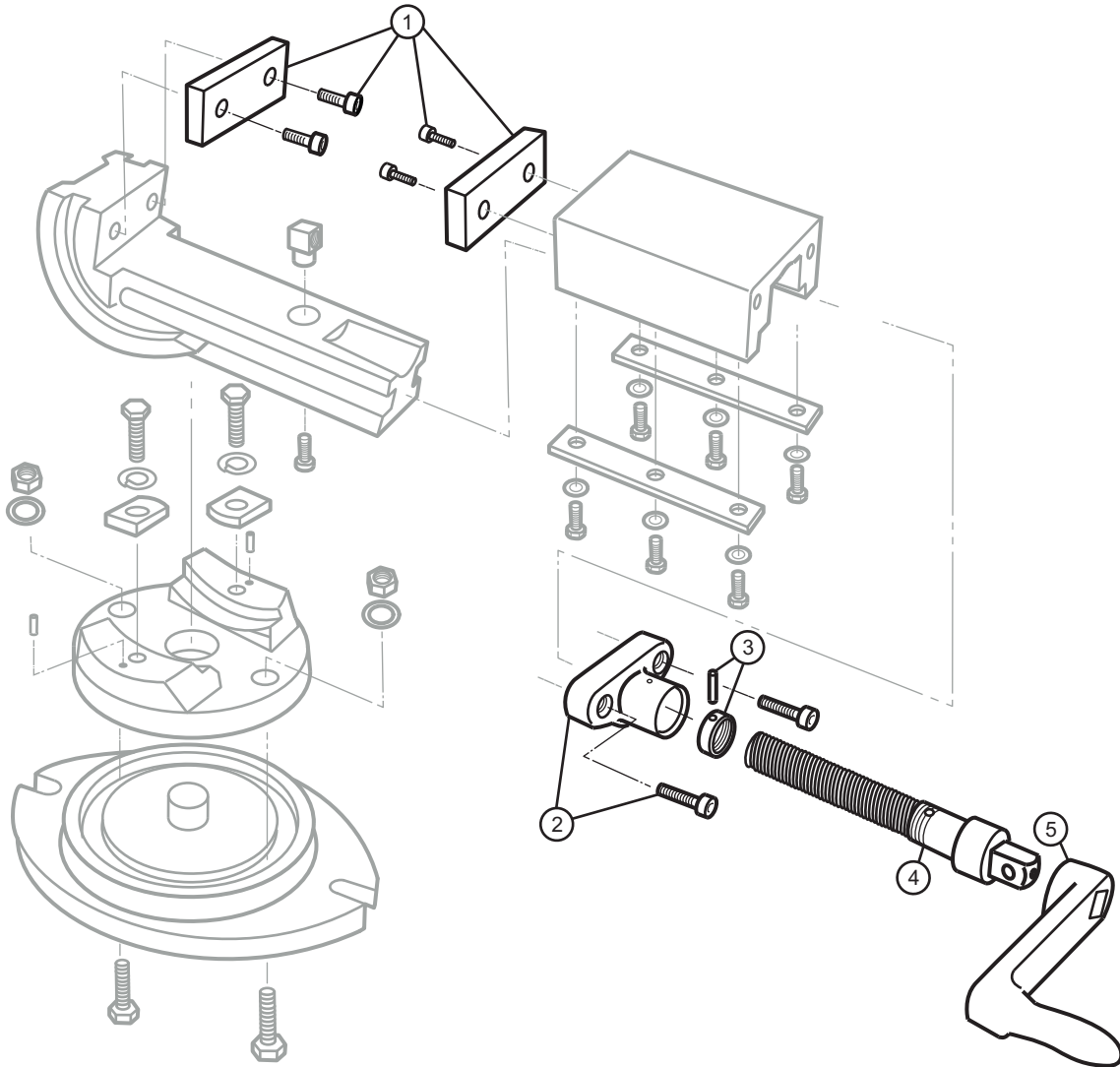
#	Part	Description
1	11705-01	Jaw Insert Assembly
2	11705-02	Sleeve and Socket Head (2)
3	11705-03	Collar and Roll Pin
4	11705-04	Clamp Screw
5	11705-05	Handle



Super Precision 2-Axis Angular Machine Vise Parts Diagram

5" Jaw Width, 5" Jaw Opening, 2" Jaw Depth

Stock #: 11706 Model #: AMV/SP-125



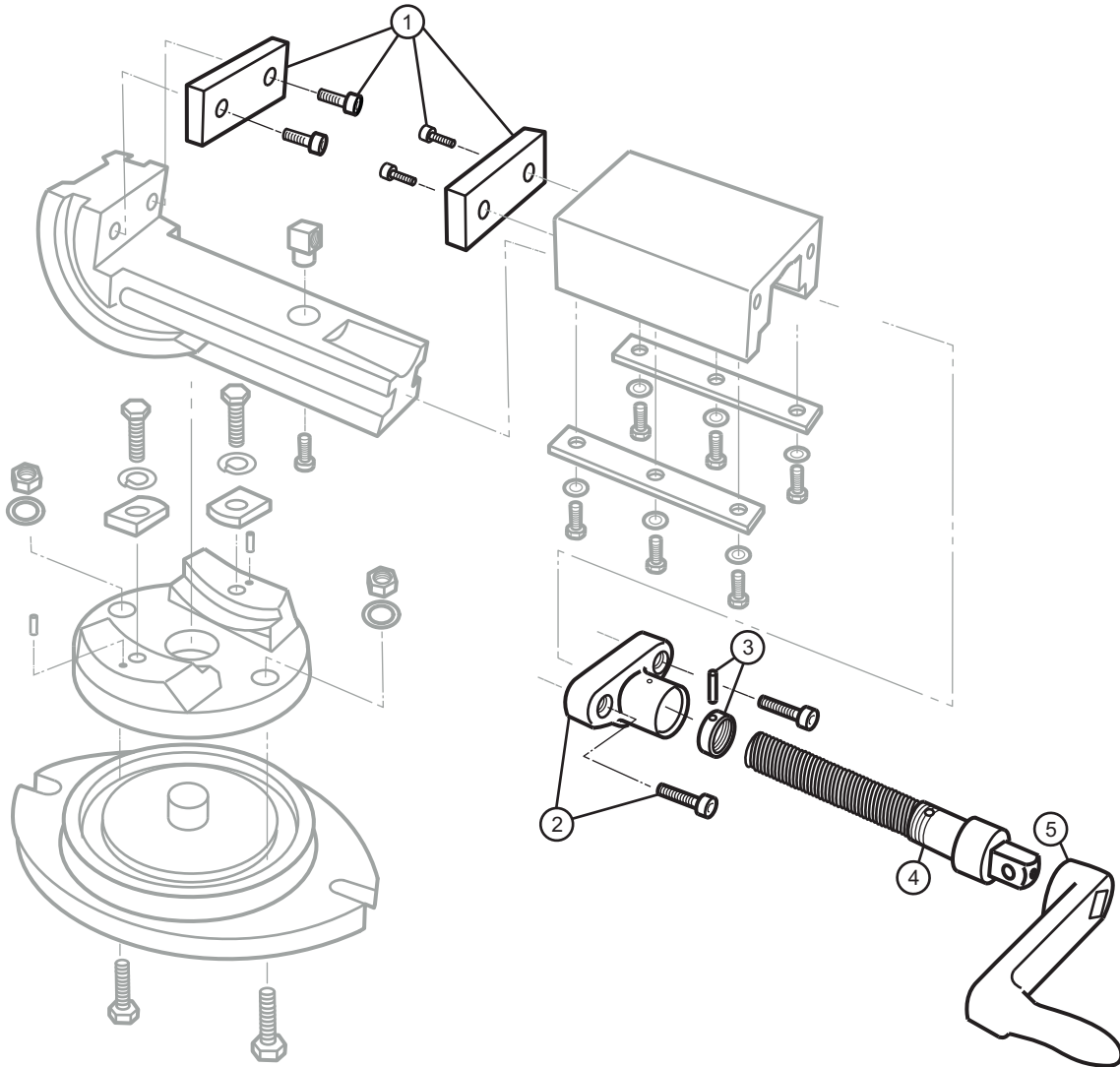
#	Part	Description
1	11706-01	Jaw Insert Assembly
2	11706-02	Sleeve and Socket Head (2)
3	11706-03	Collar and Roll Pin
4	11706-04	Clamp Screw
5	11706-05	Handle



Super Precision 2-Axis Angular Machine Vise Parts Diagram

6" Jaw Width, 6" Jaw Opening, 2" Jaw Depth

Stock #: 11707 Model #: AMV/SP-150



#	Part	Description
1	11707-01	Jaw Insert Assembly
2	11707-02	Sleeve and Socket Head (2)
3	11707-03	Collar and Roll Pin
4	11707-04	Clamp Screw
5	11707-05	Handle

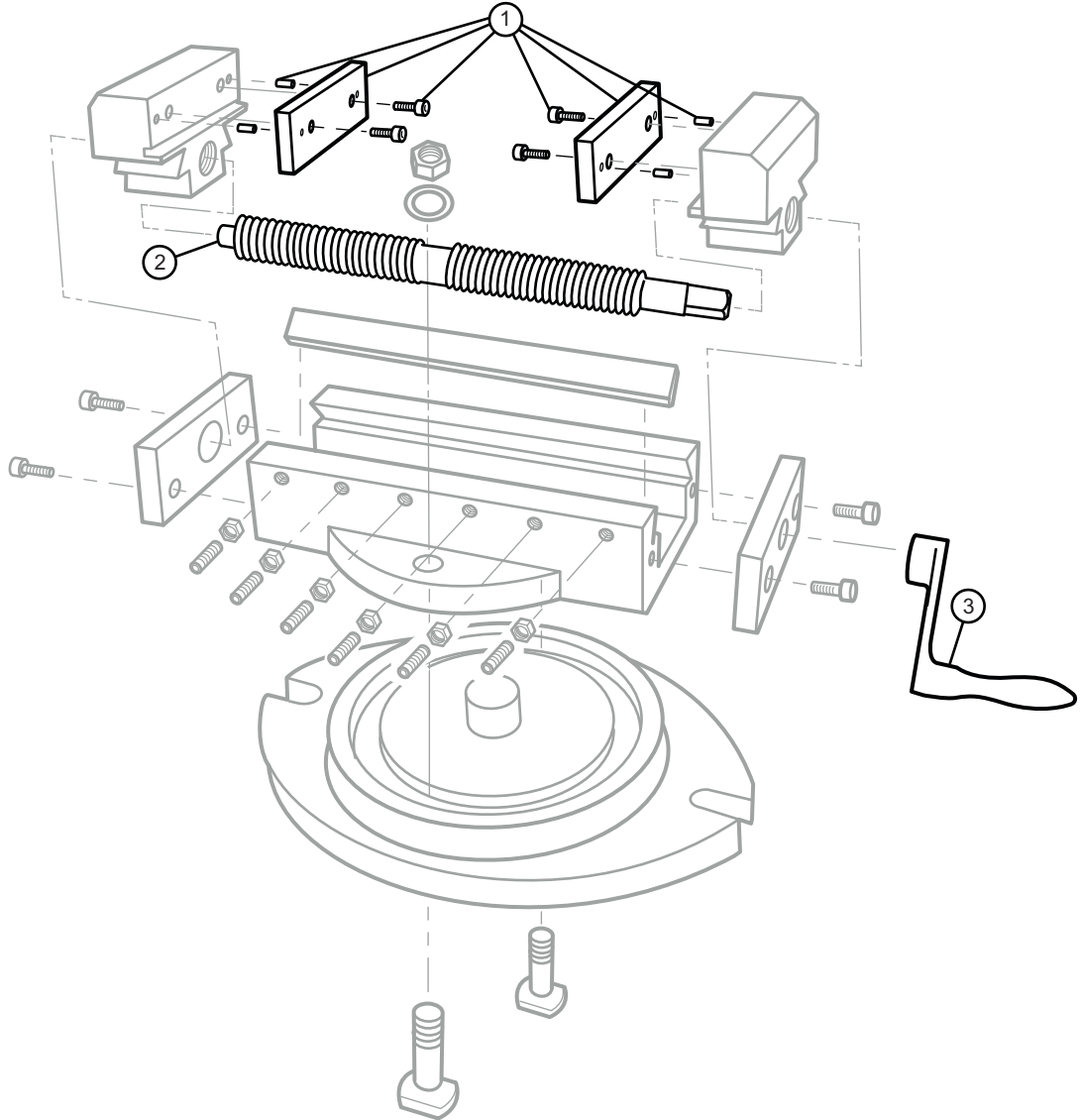
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Super Precision Self Centering Vise Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-1/2" Jaw Depth

Stock #: 11713 Model #: SCV/SP-100



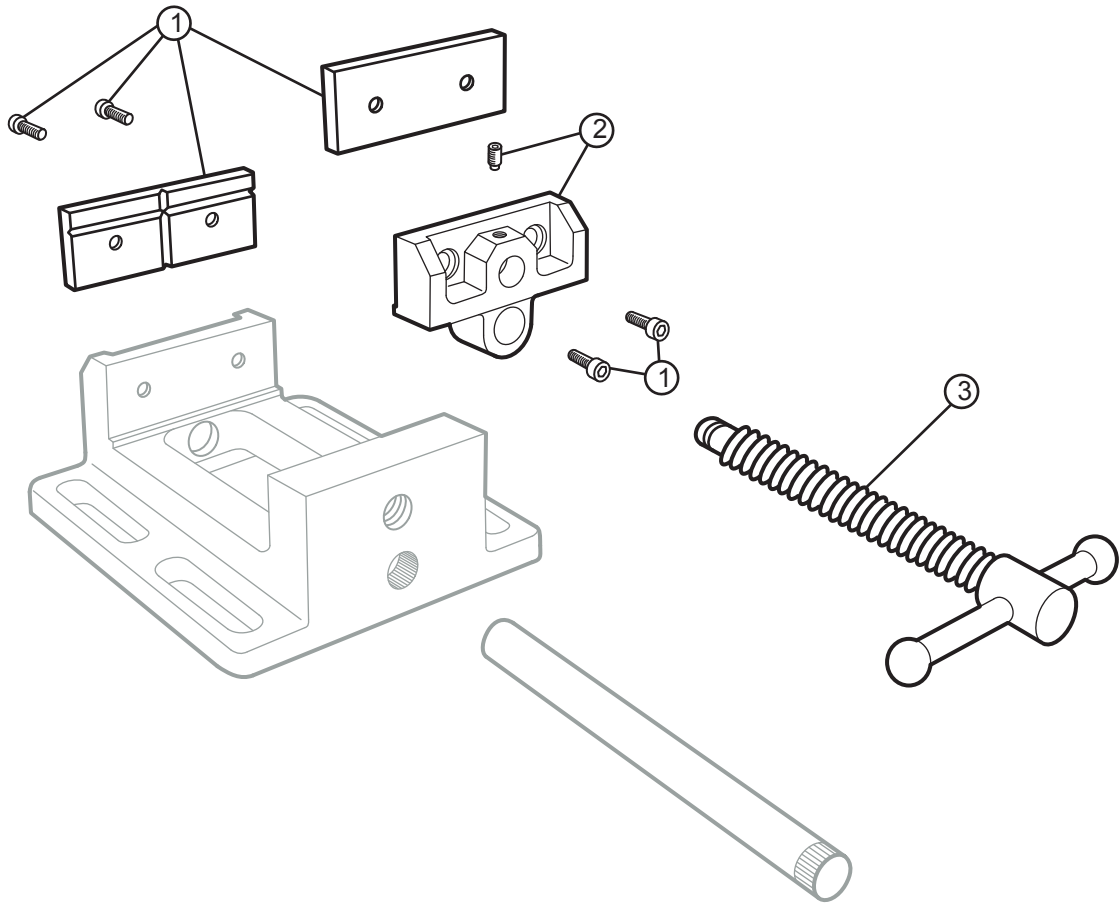
#	Part	Description
1	11713-01	Jaw Insert Assembly
2	11713-04	Clamp Screw
3	11713-03	Handle



3" Low Profile Drill Press Vise - Parts Diagram

3" Jaw Width, 3" Jaw Opening, 1-1/8" Jaw Depth

Stock #: 11743 Model #: LP3



#	Part	Description
1	11743-01	Jaw Insert Assembly (4 screws)
2	11743-02	Movable Jaw & Screw
3	11743-03	Spindle & Handle Assembly

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Part No. M-11743

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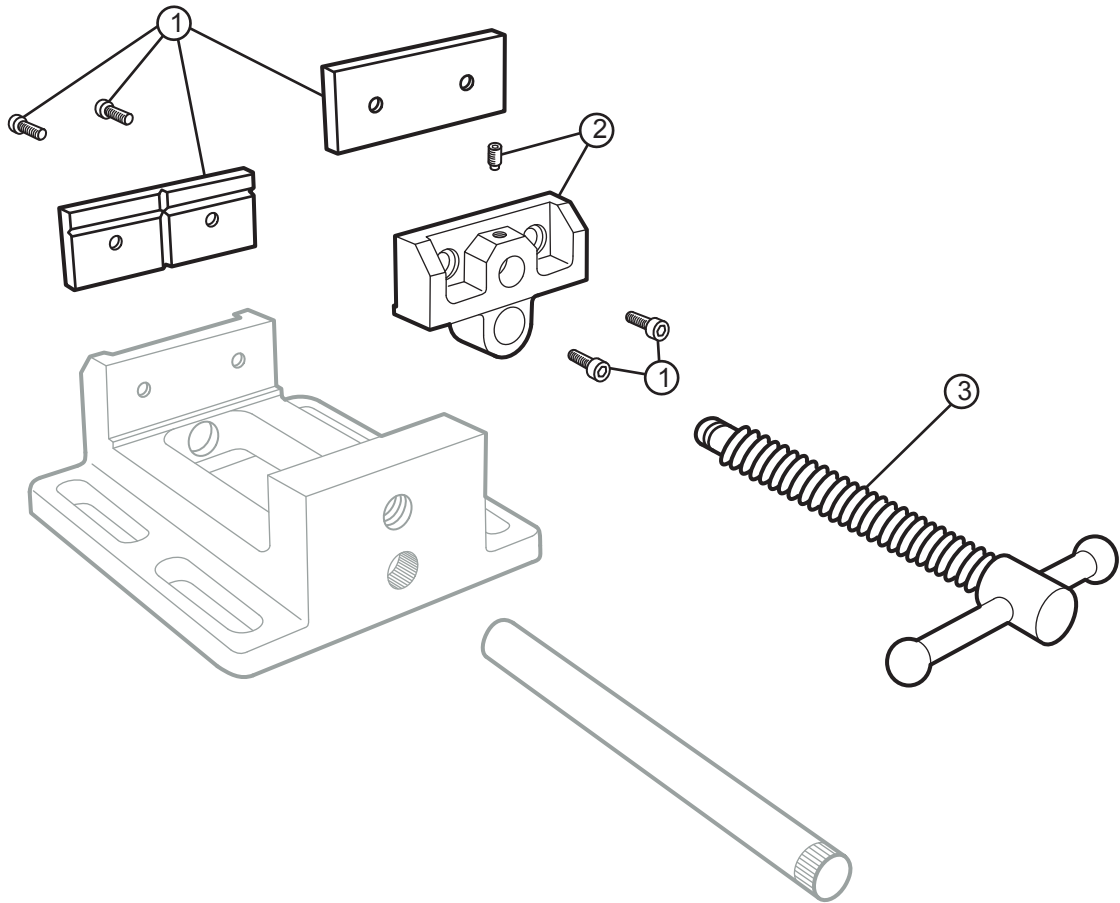
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4" Low Profile Drill Press Vise - Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-1/2" Jaw Depth

Stock #: 11744 Model #: LP4



#	Part	Description
1	11744-01	Jaw Insert Assembly (4 screws)
2	11744-02	Movable Jaw & Screw
3	11744-03	Spindle & Handle Assembly

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Part No. M-11744

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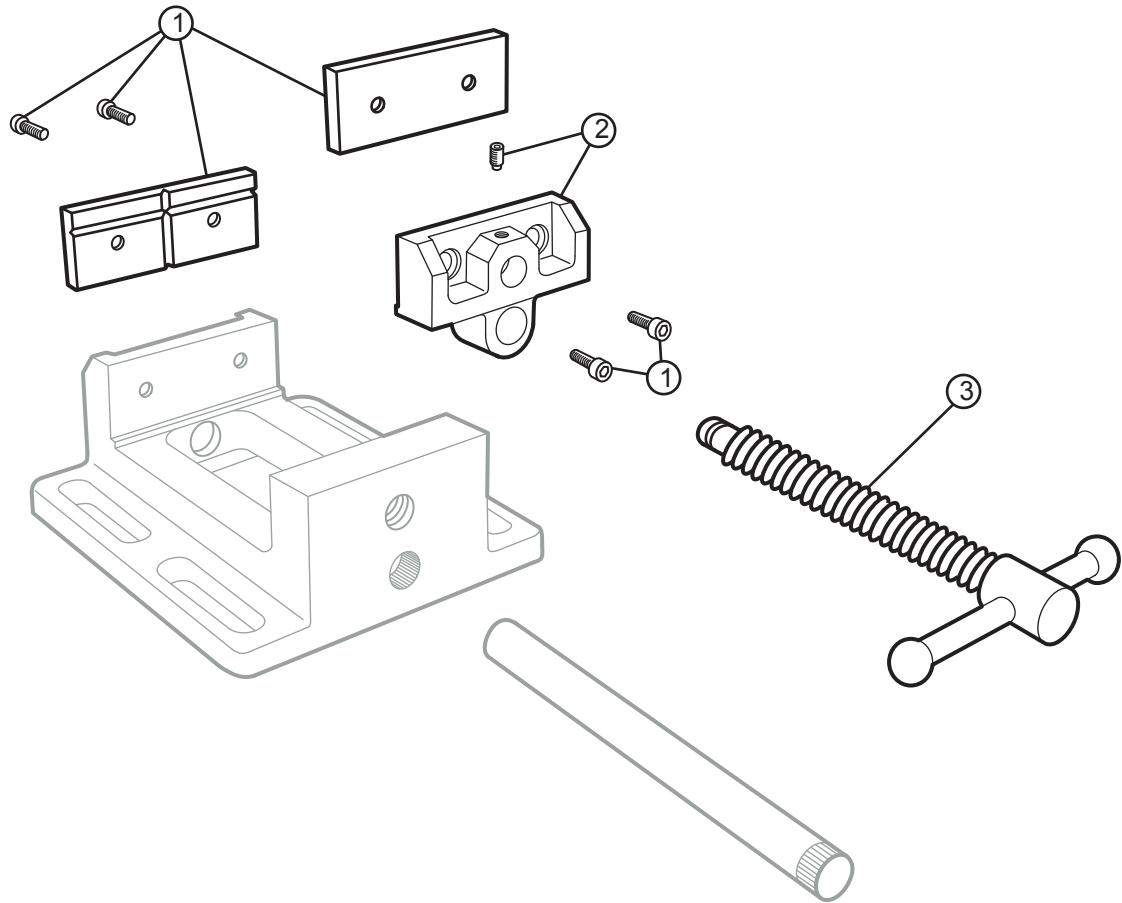
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6" Low Profile Drill Press Vise - Parts Diagram

6" Jaw Width, 6" Jaw Opening, 2" Jaw Depth

Stock #: 11746 Model #: LP6



#	Part	Description
1	11746-01	Jaw Insert Assembly (4 screws)
2	11746-02	Movable Jaw & Screw
3	11746-03	Spindle & Handle Assembly

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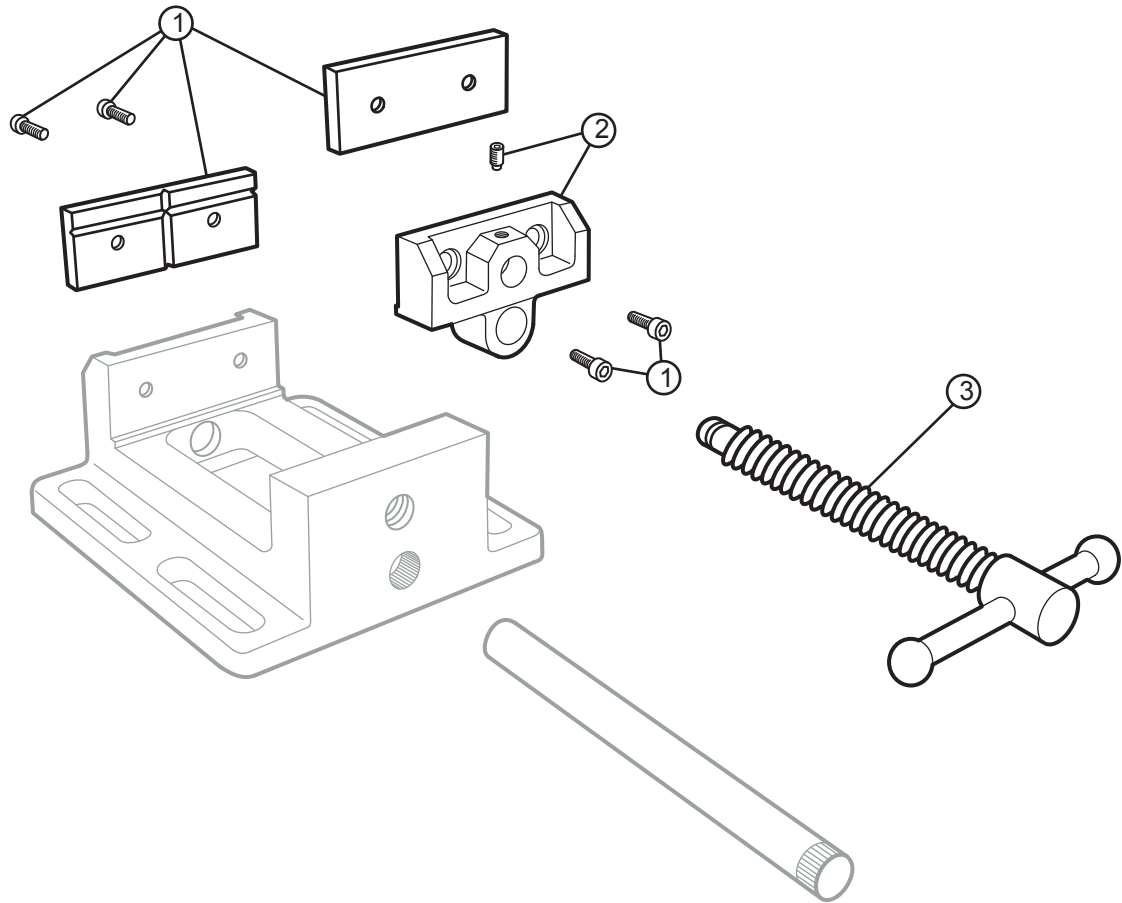
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8" Low Profile Drill Press Vise - Parts Diagram

8" Jaw Width, 8" Jaw Opening, 2" Jaw Depth

Stock #: 11748 Model #: LP8



#	Part	Description
1	11748-01	Jaw Insert Assembly (4 screws)
2	11748-02	Movable Jaw & Screw
3	11748-03	Spindle & Handle Assembly

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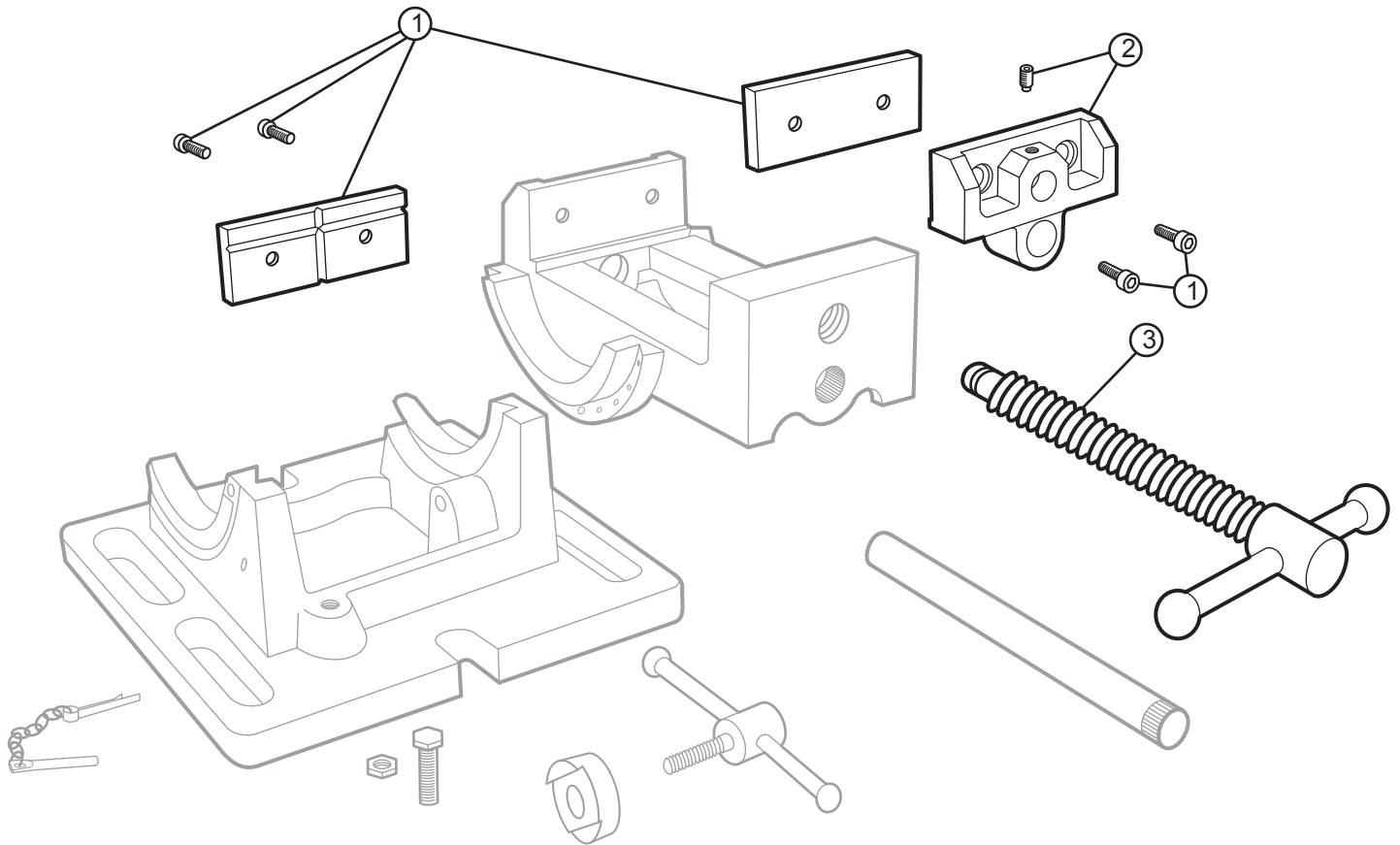
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3" Cradle Style Angle Drill Press Vise - Parts Diagram

3" Jaw Width, 3" Jaw Opening, 1-1/8" Jaw Depth

Stock #: 11753 Model #: CR3



#	Part	Description
1	11753-01	Jaw Insert Assembly (4 screws)
2	11753-02	Movable Jaw & Screw
3	11753-03	Spindle & Handle Assembly

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Part No. M-11753
Revision B 08/2014

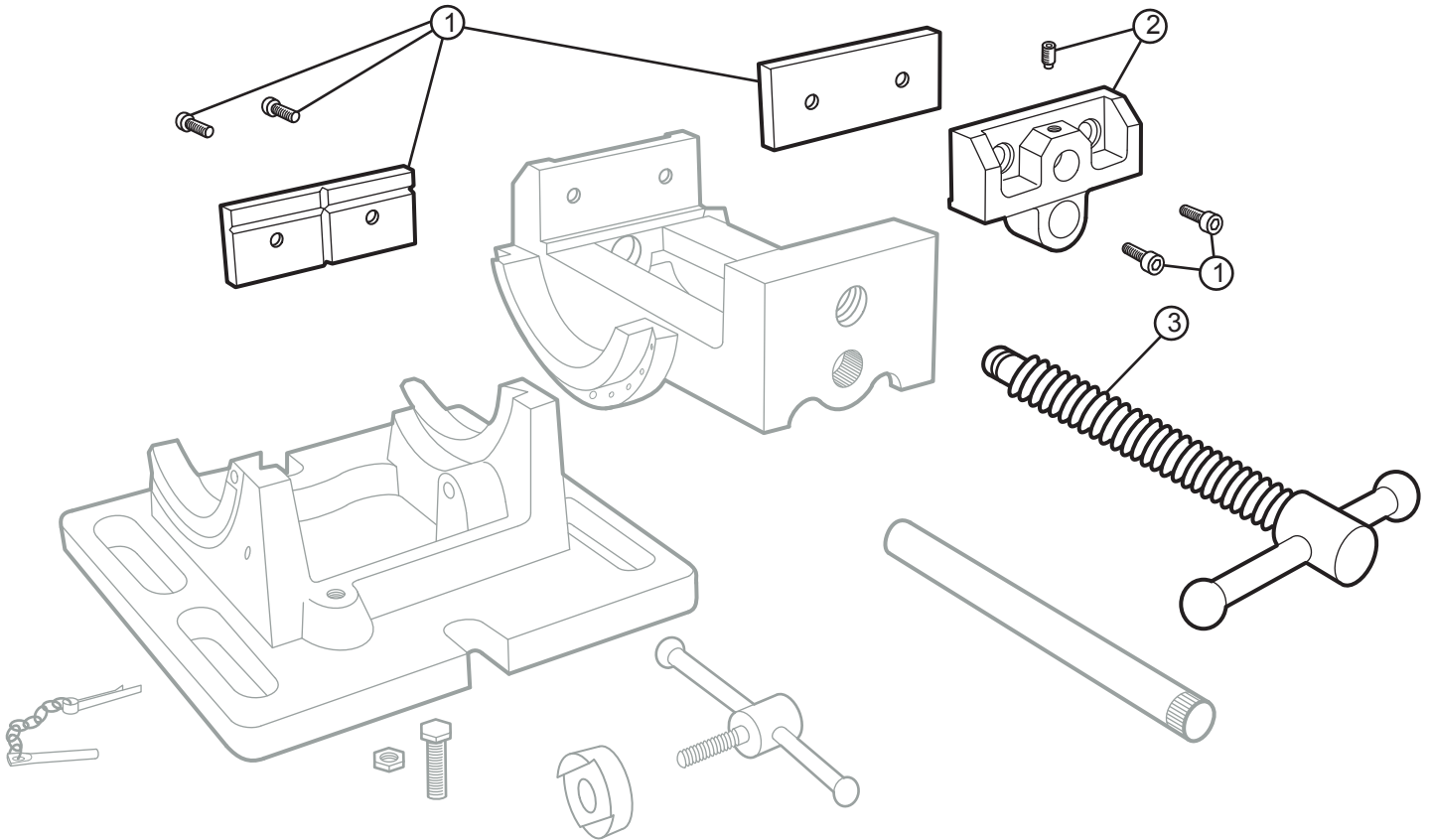
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4" Cradle Style Angle Drill Press Vise - Parts Diagram

4" Jaw Width, 4" Jaw Opening, 1-1/2" Jaw Depth

Stock #: 11754 Model #: CR4



#	Part	Description
1	11754-01	Jaw Insert Assembly (4 screws)
2	11754-02	Movable Jaw & Screw
3	11754-03	Spindle & Handle Assembly

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Part No. M-11754

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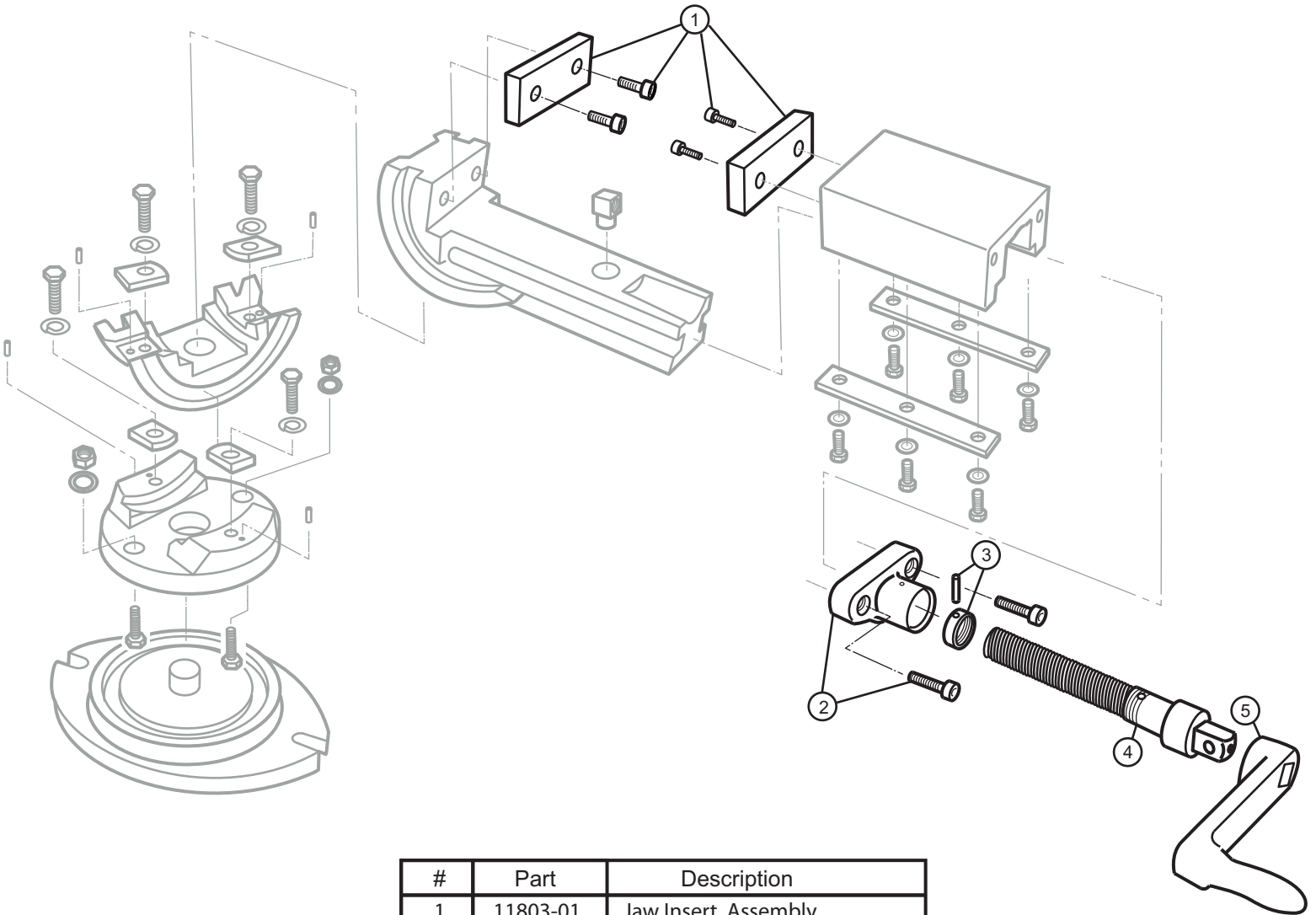
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Super Precision 3-Axis Tilting Machine Vise Parts Diagram

5" Jaw Width, 5" Jaw Opening, 1-3/4" Jaw Depth

Stock #: 11803 Model #: TLT/SP -125



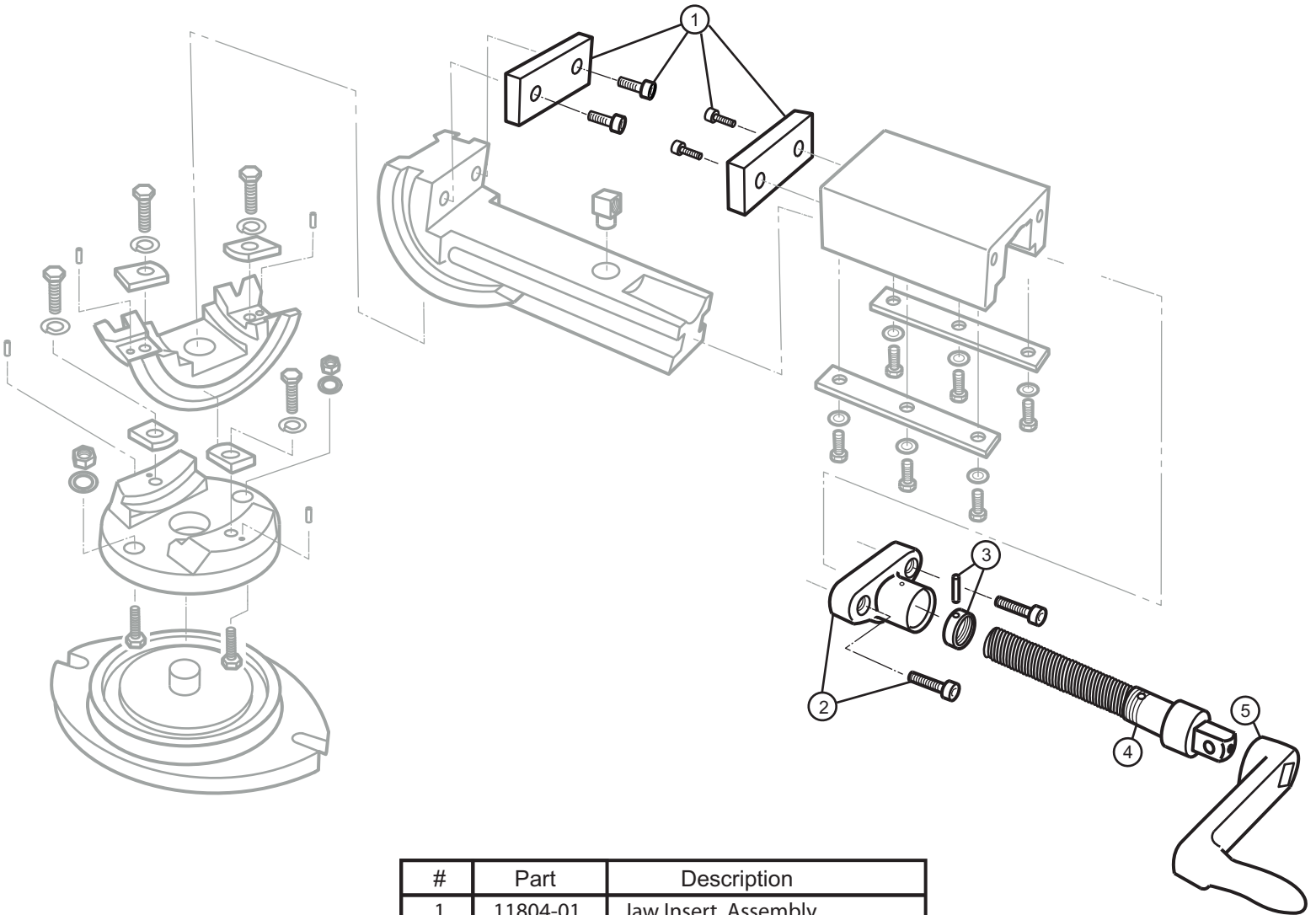
#	Part	Description
1	11803-01	Jaw Insert Assembly
2	11803-02	Sleeve and Socket Head (2)
3	11803-03	Collar and Roll Pin
4	11803-04	Clamp Screw
5	11803-05	Handle



Super Precision 3-Axis Tilting Machine Vise Parts Diagram

6" Jaw Width, 6" Jaw Opening, 1-3/4" Jaw Depth

Stock #: 11804 Model #: TLT/SP -150



#	Part	Description
1	11804-01	Jaw Insert Assembly
2	11804-02	Sleeve and Socket Head (2)
3	11804-03	Collar and Roll Pin
4	11804-04	Clamp Screw
5	11804-05	Handle



Operating Instructions & Service Parts Manual

All Terrain Vise 6" # 10010



Record purchase information for quick reference:

Stock No.:	10010
Serial No.:	
Purchased from:	
Date purchased:	

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Manual No. M-10010
Rev C 10/2015

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Warranty and Service

Wilton® warrants every product they sell against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official Wilton branded website.

- Wilton products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. Wilton has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the Wilton website.

More Information

Wilton is consistently adding new products. For complete, up-to-date product information, check with your local distributor or visit the Wilton website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

WILTON LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WILTON SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Wilton sells through distributors only. The specifications listed in Wilton printed materials and on official Wilton branded website are given as general information and are not binding. Wilton reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

Product Listing with Warranty Period

90 Days – Parts; Consumable items
Limited Lifetime – Wilton branded products

NOTE: Wilton is a division of JPW Industries, Inc. References in this document to Wilton also apply to JPW Industries, Inc., or any of its successors in interest to the Wilton brand.

Read and understand the entire owner's manual before attempting installation or operation.



Warnings

1. Keep hands clear of jaws.
2. Make sure vise is properly secured to hitch receiver. If using accessory bench receiver, vise must be properly secured within receiver, and receiver bolted to bench with appropriate fasteners (not included).
3. Do not use the vise as a step; it may cause an individual to slip and fall. This caution is also inscribed in the anvil of the vise – see Figure 1.
4. Keep ground or floor around the vise uncluttered and free of scrap material, oil and grease. Wear non-slip footwear.
5. Do not place combustible materials or pressurized containers in vise.
6. Do not force the tool. Do not use a hammer against the handle, or use additional leverage such as cheater bars or pipe extensions, to tighten the screw handle. For heavier jobs, use a larger vise.
7. Vehicle safety brake must be engaged before operating vise.
8. Do not drive vehicle with material in the vise.
9. Use caution when backing a vehicle with the vise installed.
10. Make sure vise handle is locked and hitch pin is properly engaged before driving vehicle.
11. Read and understand all warnings posted on the vise and in this manual. Failure to comply with all of these warnings may cause serious injury.
12. Do not use this vise for other than its intended use.
13. Replace warning labels if they become obscured or removed.
14. Always wear ANSI-approved safety glasses or face shield when using striking or power tools with this vise. (Everyday eyeglasses only have impact resistant lenses; they are *not* safety glasses.) Wear hearing protection when needed.
15. Do not wear loose clothing or jewelry. Confine long hair. Keep clothing, hair and gloves away from moving parts.
16. Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead based paint.
 - Crystalline silica from bricks, cement and other masonry products.
 - Arsenic and chromium from chemically treated lumber.Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as face or dust masks that are specifically designed to filter out microscopic particles.
17. Always inspect vise before use. Check for misalignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect the tool's operation. If damage is found, repair the vise immediately or replace it.
18. Have tool serviced only by qualified personnel, using authorized replacement parts.

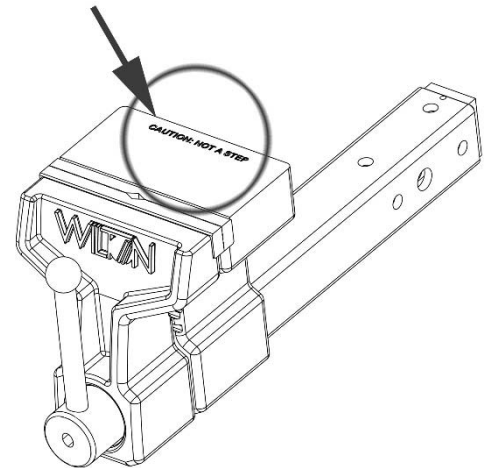


Figure 1

19. Provide for adequate space surrounding work area and sufficient lighting.
20. Do not use this tool while tired or under the influence of drugs, alcohol or medication.
21. Keep bystanders, especially children, away from the area while using the vise.
22. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play” are careless acts that can result in serious injury.
23. Maintain a balanced stance at all times. Do not overreach while performing the work.

About this vise

The WILTON All Terrain Vise has been designed and constructed to provide consistent long-term operation, if used in accordance with instructions as set forth in this document. The body is formed of high-strength ductile cast iron. The leadscrew is precision ground carbon steel with acme threads. The tube has adjusting screws top and side for eliminating play inside the hitch receiver. The handle can be repositioned without moving the jaws.

About this manual

This manual covers operation and maintenance procedures for a WILTON All Terrain Vise. It contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown.

The instructions and warnings presented in this manual cannot, of course, cover all possible situations or conditions in which a vise may be used. The operator is expected to take appropriate precautions and exercise common sense. As with any tool operation, safety of the operator and bystanders should be first priority.

If there are questions or comments, please contact your local supplier or Wilton. Wilton can also be reached at our web site: www.wiltontools.com.

Retain this manual for future reference. If the tool transfers ownership, the manual should accompany it.

⚠WARNING Read and understand the entire contents of this manual before installing or using the All Terrain Vise. Failure to comply may cause serious injury.

Specifications

Model	WILTON All Terrain Vise 6"
Stock number.....	10010
Required hitch receiver.....	2 in. square
Jaw width	150 mm (6 in.)
Maximum jaw opening.....	145 mm (5-3/4 in.)
Jaw insert hardness.....	45-56 HRC
Pipe jaw capacity (x-y, round stock).....	3/4 to 3 in. (or 1/2 to 3 in. with one jaw insert removed)
Clamping force.....	1 ton
Throat depth	127 mm (5 in.)
Jaw travel per one rotation of handle	4 mm (0.15 in.)
Weight.....	18 kg (39.68 lb)
Dimensions	489 x 150 x 185 mm (19-1/4 x 6 x 7-1/4 in.)
Primary materials.....	steel and ductile iron
Paint finish	powder coat enamel

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Wilton reserves the right to change specifications at any time and without prior notice, without incurring obligations.

Setup and assembly

⚠WARNING Read and understand all instructions and warnings in this manual before attempting installation or operation of hitch vise. Failure to comply may cause serious injury.

Shipping contents

- 1 Vise
- 1 Hitch pin with cotter pin
- 1 Bench mount receiver
- 1 Instructions and parts manual
- 1 Warranty card

Remove contents from shipping carton, and check for shipping damage or missing parts. If either of these is discovered, contact your dealer or Wilton at the phone number on the cover.

Installing to hitch

Refer to Figure 2.

The All Terrain Vise is designed to be inserted into a 2-inch square hitch receiver.

1. Slide vise tube into receiver. If there is too much "play" within the receiver, remove the vise and rotate any of four screws (A) on the vise tube, with a 5/16" hex key. Reinstall and test for fit, making further adjustments as needed.
2. Align hole in vise tube with hole in hitch receiver.
3. Insert hitch pin (B) completely through receiver and vise tube.
4. Install cotter pin (C) through hole in hitch pin.

⚠WARNING Cotter pin must be properly secured in hitch pin before operating vise or moving vehicle to which vise is mounted.

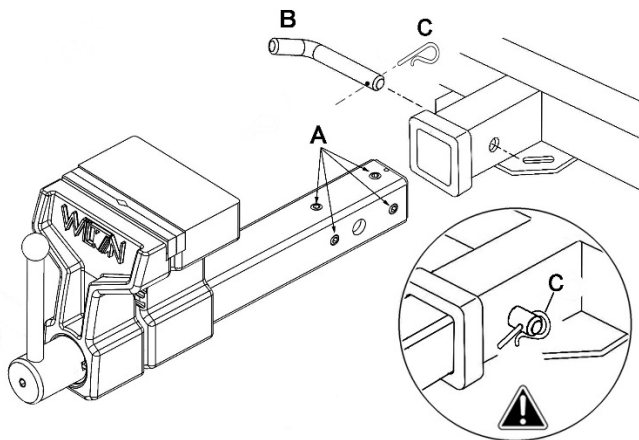


Figure 2

Installing to bench/table

Bench or table must be capable of supporting combined weight of vise, workpiece and applied forces. If additional strength is needed, mount supporting boards beneath the table.

Refer to Figures 3 and 4.

1. Position vise on bench. The rear (or static) jaw should just overhang the bench to prevent obstruction when inserting long work pieces.
2. Place bench receiver over vise tube and mark hole positions on bench. Figure 3 identifies hole dimensions. Drill holes of appropriate diameter in table.
3. Mount bench receiver to bench using fasteners of suitable grade, length and diameter. The hole in the side of the receiver should be at the end farthest from the vise.
4. Slide vise tube into bench receiver. If there is too much "play" within the receiver, rotate any of the four adjustment screws on the tube (A, Figure 2).
5. Install hitch pin through holes of tube and receiver (Figure 4).
6. Install cotter pin into hitch pin hole.

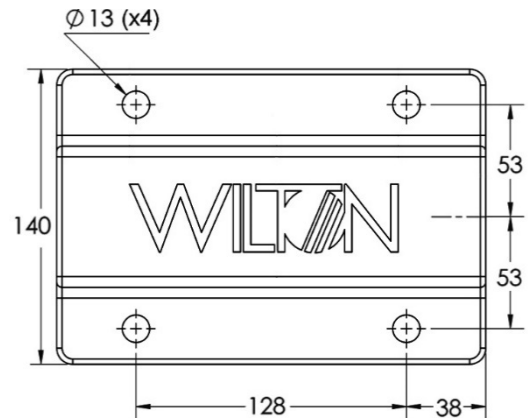


Figure 3 (dimensions in millimeters)

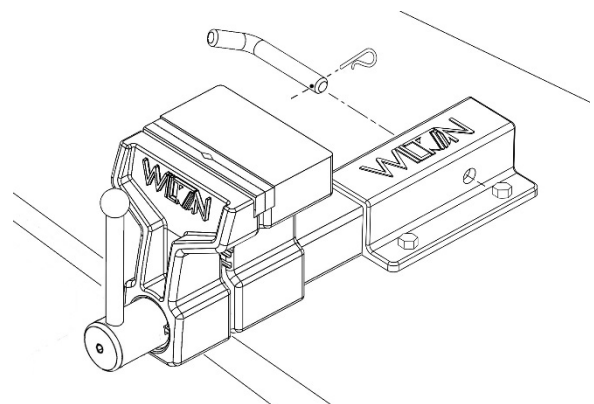


Figure 4

Adjustments and Operation

Before use, inspect the vise for cracks, misalignment, binding, or any other problems that may compromise its safe use.

Handle adjustment

Refer to Figure 5.

The handle hub is spring-loaded, and allows the handle to be repositioned without moving the jaws.

After securing the workpiece in the jaws, grasp handle hub and pull out. Rotate handle hub to desired position, then release.

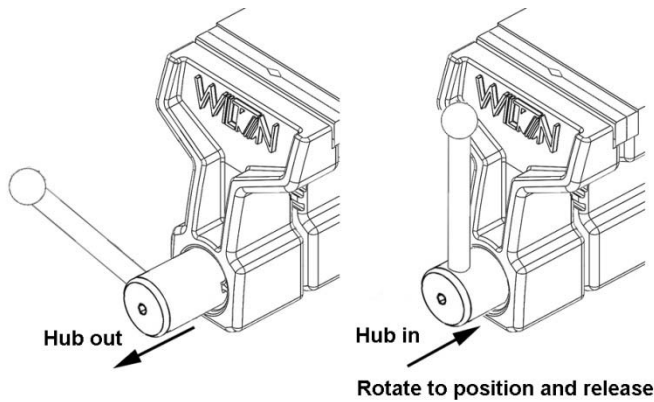


Figure 5

To operate the hitch vise:

1. Turn screw handle counterclockwise to open jaws. Do not try to force jaws apart farther than the rated capacity/jaw opening.
2. Choose the straight jaws or pipe jaws. Insert workpiece and turn handle clockwise to close jaws.
3. Tighten enough that workpiece can no longer be shifted within the jaws. Do not overtighten, as this may damage workpiece and/or jaws.

Maintenance

Inspection: Before use, inspect vise for misalignment, binding or cracked/damaged parts, or any other condition that may affect safe operation. Repair or replace a damaged vise.

Cleaning: After use, wipe external surfaces of the vise with a clean rag. Apply a light coat of machine oil to exposed metal areas.

Lubrication: The leadscrew is permanently lubricated and enclosed, and should not require attention. Lubricate other moving parts of the vise with machine oil.

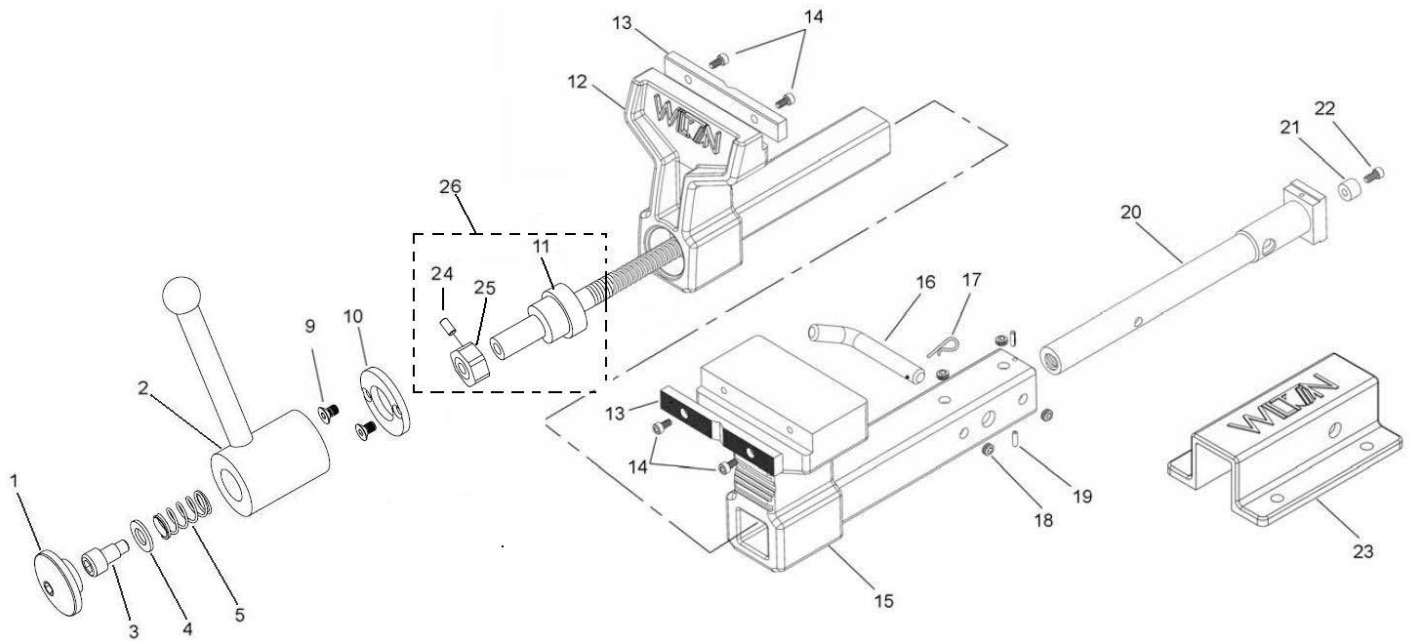
Jaw insert replacement: Use a 5mm hex key to remove two screws on the jaw insert. Securely tighten the new jaw insert to the vise using the same screws.

NOTE: If replacing jaw inserts, replace both as a set.

Replacement Parts

To order parts or reach our service department, call 1-800-274-6848 Monday through Friday, 8AM to 5PM CST. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

WILTON All Terrain Vise #10010 – Exploded View



WILTON All Terrain Vise #10010 – Parts List

Index No	Part No	Description	Size	Qty
	ATV-HA	Handle Assembly (index #1-5)		1
1	ATV-01	Cap		1
2	ATV-02	Handle		1
3	ATV-03	Socket Head Cap Screw	Ø10x23 mm	1
4	ATV-04	Washer	Ø11 x Ø20x 2 mm	1
5	ATV-05	Spring	Ø16x22 mm	1
9	ATV-09	Set Screw	M5x12	2
10	ATV-10	Spindle Collar		1
11		Lead Screw (Re: ATV-11)		1
12		Floating Jaw Body		1
13	ATV-13	Jaw Insert (set of 2)	6"L x 1/2"W x 7/8"H	1 set
14	TS-1503031	Socket Head Cap Screw	M6x12	4
15		Stationary Jaw Body		1
16	ATV-16	Hitch Pin	Ø16 mm	1
17	ATV-17	Cotter Pin	Ø4 mm	1
18	ATV-23	Adjustment Screw	M16x1.5x8.5	4
19	ATV-18	Roll Pin	4x12 mm	2
20	ATV-19	Spindle Nut		1
21	ATV-20	Spacer		1
22	JHM610-22	Socket Head Cap Screw	M6x14	1
23	10300	Bench Mount Receiver		1
24		Handle Pin (Re: ATV-11)		1
25		Hexagonal Collar (Re: ATV-11)		1
26	ATV-11	Lead Screw Assembly (index #11,24,25)		1

Some parts are shown for reference only and may not be available as replacement parts.



427 New Sanford Road
LaVergne, Tennessee 37086
Phone: 800-274-6848
www.wiltontools.com



Operating Instructions & Service Parts Manual

All Terrain Vise 6" # 10010



Record purchase information for quick reference:

Stock No.:	10010
Serial No.:	
Purchased from:	
Date purchased:	

WILTON
427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-6848
www.wilontools.com

Manual No. M-10010
Rev C 10/2015

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Warranty and Service

Wilton® warrants every product they sell against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official Wilton branded website.

- Wilton products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. Wilton has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the Wilton website.

More Information

Wilton is consistently adding new products. For complete, up-to-date product information, check with your local distributor or visit the Wilton website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

WILTON LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WILTON SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Wilton sells through distributors only. The specifications listed in Wilton printed materials and on official Wilton branded website are given as general information and are not binding. Wilton reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

Product Listing with Warranty Period

90 Days – Parts; Consumable items
Limited Lifetime – Wilton branded products

NOTE: Wilton is a division of JPW Industries, Inc. References in this document to Wilton also apply to JPW Industries, Inc., or any of its successors in interest to the Wilton brand.

Read and understand the entire owner's manual before attempting installation or operation.



Warnings

1. Keep hands clear of jaws.
2. Make sure vise is properly secured to hitch receiver. If using accessory bench receiver, vise must be properly secured within receiver, and receiver bolted to bench with appropriate fasteners (not included).
3. Do not use the vise as a step; it may cause an individual to slip and fall. This caution is also inscribed in the anvil of the vise – see Figure 1.
4. Keep ground or floor around the vise uncluttered and free of scrap material, oil and grease. Wear non-slip footwear.
5. Do not place combustible materials or pressurized containers in vise.
6. Do not force the tool. Do not use a hammer against the handle, or use additional leverage such as cheater bars or pipe extensions, to tighten the screw handle. For heavier jobs, use a larger vise.
7. Vehicle safety brake must be engaged before operating vise.
8. Do not drive vehicle with material in the vise.
9. Use caution when backing a vehicle with the vise installed.
10. Make sure vise handle is locked and hitch pin is properly engaged before driving vehicle.
11. Read and understand all warnings posted on the vise and in this manual. Failure to comply with all of these warnings may cause serious injury.
12. Do not use this vise for other than its intended use.
13. Replace warning labels if they become obscured or removed.
14. Always wear ANSI-approved safety glasses or face shield when using striking or power tools with this vise. (Everyday eyeglasses only have impact resistant lenses; they are *not* safety glasses.) Wear hearing protection when needed.
15. Do not wear loose clothing or jewelry. Confine long hair. Keep clothing, hair and gloves away from moving parts.
16. Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead based paint.
 - Crystalline silica from bricks, cement and other masonry products.
 - Arsenic and chromium from chemically treated lumber.Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as face or dust masks that are specifically designed to filter out microscopic particles.
17. Always inspect vise before use. Check for misalignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect the tool's operation. If damage is found, repair the vise immediately or replace it.
18. Have tool serviced only by qualified personnel, using authorized replacement parts.

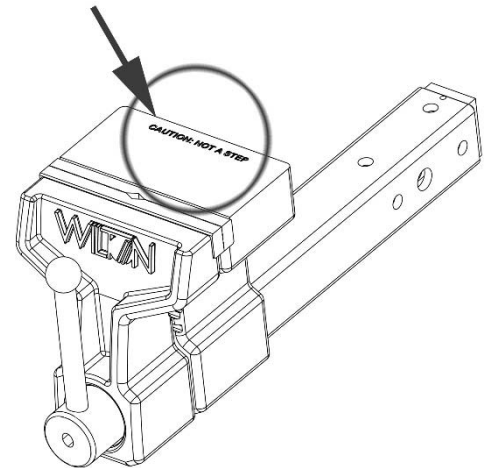


Figure 1

19. Provide for adequate space surrounding work area and sufficient lighting.
20. Do not use this tool while tired or under the influence of drugs, alcohol or medication.
21. Keep bystanders, especially children, away from the area while using the vise.
22. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play” are careless acts that can result in serious injury.
23. Maintain a balanced stance at all times. Do not overreach while performing the work.

About this vise

The WILTON All Terrain Vise has been designed and constructed to provide consistent long-term operation, if used in accordance with instructions as set forth in this document. The body is formed of high-strength ductile cast iron. The leadscrew is precision ground carbon steel with acme threads. The tube has adjusting screws top and side for eliminating play inside the hitch receiver. The handle can be repositioned without moving the jaws.

About this manual

This manual covers operation and maintenance procedures for a WILTON All Terrain Vise. It contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown.

The instructions and warnings presented in this manual cannot, of course, cover all possible situations or conditions in which a vise may be used. The operator is expected to take appropriate precautions and exercise common sense. As with any tool operation, safety of the operator and bystanders should be first priority.

If there are questions or comments, please contact your local supplier or Wilton. Wilton can also be reached at our web site: www.wiltontools.com.

Retain this manual for future reference. If the tool transfers ownership, the manual should accompany it.

⚠WARNING Read and understand the entire contents of this manual before installing or using the All Terrain Vise. Failure to comply may cause serious injury.

Specifications

Model	WILTON All Terrain Vise 6"
Stock number.....	10010
Required hitch receiver.....	2 in. square
Jaw width	150 mm (6 in.)
Maximum jaw opening.....	145 mm (5-3/4 in.)
Jaw insert hardness.....	45-56 HRC
Pipe jaw capacity (x-y, round stock).....	3/4 to 3 in. (or 1/2 to 3 in. with one jaw insert removed)
Clamping force.....	1 ton
Throat depth	127 mm (5 in.)
Jaw travel per one rotation of handle	4 mm (0.15 in.)
Weight.....	18 kg (39.68 lb)
Dimensions	489 x 150 x 185 mm (19-1/4 x 6 x 7-1/4 in.)
Primary materials.....	steel and ductile iron
Paint finish	powder coat enamel

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Wilton reserves the right to change specifications at any time and without prior notice, without incurring obligations.

Setup and assembly

⚠WARNING Read and understand all instructions and warnings in this manual before attempting installation or operation of hitch vise. Failure to comply may cause serious injury.

Shipping contents

- 1 Vise
- 1 Hitch pin with cotter pin
- 1 Bench mount receiver
- 1 Instructions and parts manual
- 1 Warranty card

Remove contents from shipping carton, and check for shipping damage or missing parts. If either of these is discovered, contact your dealer or Wilton at the phone number on the cover.

Installing to hitch

Refer to Figure 2.

The All Terrain Vise is designed to be inserted into a 2-inch square hitch receiver.

1. Slide vise tube into receiver. If there is too much “play” within the receiver, remove the vise and rotate any of four screws (A) on the vise tube, with a 5/16” hex key. Reinstall and test for fit, making further adjustments as needed.
2. Align hole in vise tube with hole in hitch receiver.
3. Insert hitch pin (B) completely through receiver and vise tube.
4. Install cotter pin (C) through hole in hitch pin.

⚠WARNING Cotter pin must be properly secured in hitch pin before operating vise or moving vehicle to which vise is mounted.

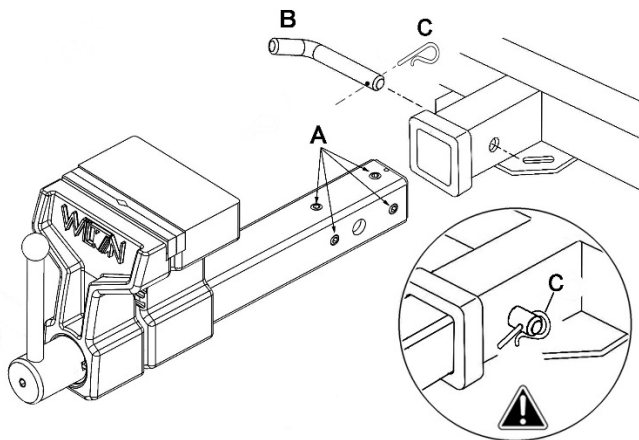


Figure 2

Installing to bench/table

Bench or table must be capable of supporting combined weight of vise, workpiece and applied forces. If additional strength is needed, mount supporting boards beneath the table.

Refer to Figures 3 and 4.

1. Position vise on bench. The rear (or static) jaw should just overhang the bench to prevent obstruction when inserting long work pieces.
2. Place bench receiver over vise tube and mark hole positions on bench. Figure 3 identifies hole dimensions. Drill holes of appropriate diameter in table.
3. Mount bench receiver to bench using fasteners of suitable grade, length and diameter. The hole in the side of the receiver should be at the end farthest from the vise.
4. Slide vise tube into bench receiver. If there is too much “play” within the receiver, rotate any of the four adjustment screws on the tube (A, Figure 2).
5. Install hitch pin through holes of tube and receiver (Figure 4).
6. Install cotter pin into hitch pin hole.

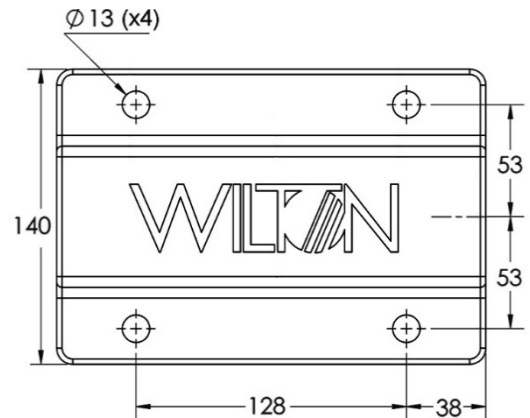


Figure 3 (dimensions in millimeters)

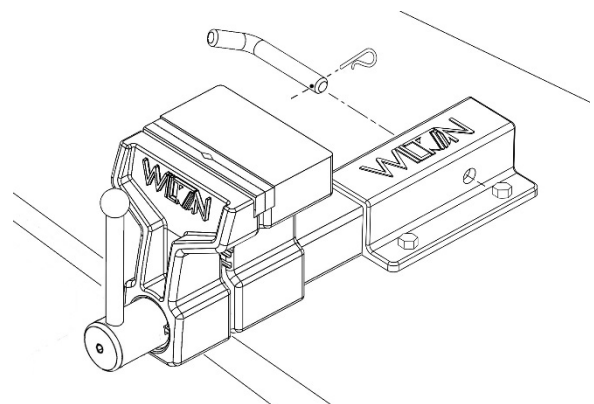


Figure 4

Adjustments and Operation

Before use, inspect the vise for cracks, misalignment, binding, or any other problems that may compromise its safe use.

Handle adjustment

Refer to Figure 5.

The handle hub is spring-loaded, and allows the handle to be repositioned without moving the jaws.

After securing the workpiece in the jaws, grasp handle hub and pull out. Rotate handle hub to desired position, then release.

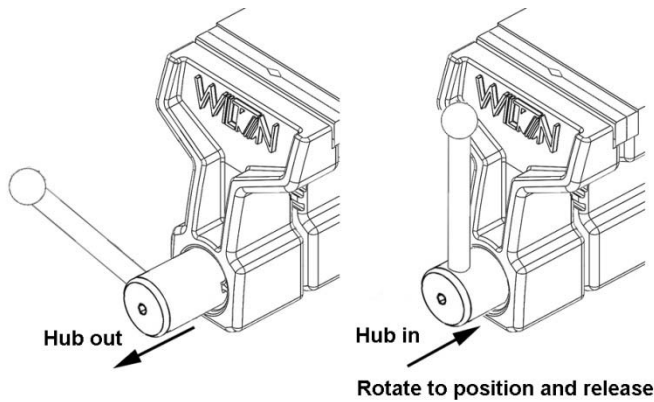


Figure 5

To operate the hitch vise:

1. Turn screw handle counterclockwise to open jaws. Do not try to force jaws apart farther than the rated capacity/jaw opening.
2. Choose the straight jaws or pipe jaws. Insert workpiece and turn handle clockwise to close jaws.
3. Tighten enough that workpiece can no longer be shifted within the jaws. Do not overtighten, as this may damage workpiece and/or jaws.

Maintenance

Inspection: Before use, inspect vise for misalignment, binding or cracked/damaged parts, or any other condition that may affect safe operation. Repair or replace a damaged vise.

Cleaning: After use, wipe external surfaces of the vise with a clean rag. Apply a light coat of machine oil to exposed metal areas.

Lubrication: The leadscrew is permanently lubricated and enclosed, and should not require attention. Lubricate other moving parts of the vise with machine oil.

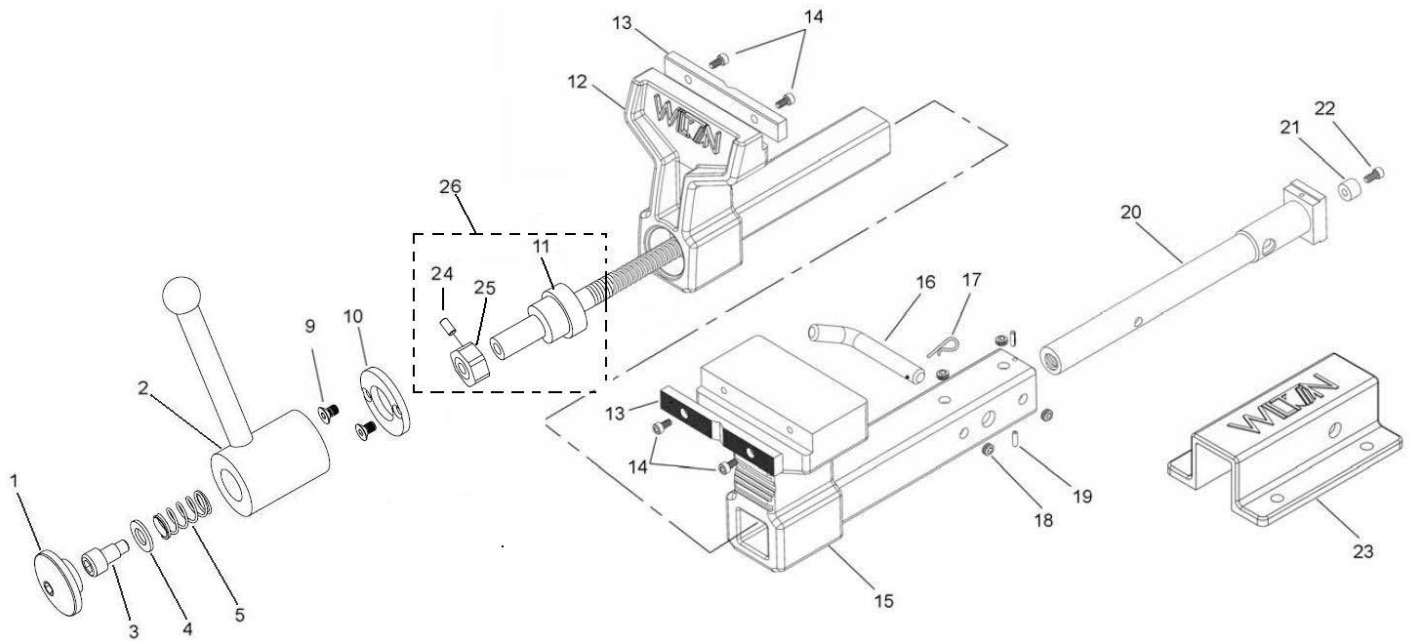
Jaw insert replacement: Use a 5mm hex key to remove two screws on the jaw insert. Securely tighten the new jaw insert to the vise using the same screws.

NOTE: If replacing jaw inserts, replace both as a set.

Replacement Parts

To order parts or reach our service department, call 1-800-274-6848 Monday through Friday, 8AM to 5PM CST. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

WILTON All Terrain Vise #10010 – Exploded View



WILTON All Terrain Vise #10010 – Parts List

Index No	Part No	Description	Size	Qty
	ATV-HA	Handle Assembly (index #1-5)		1
1	ATV-01	Cap		1
2	ATV-02	Handle		1
3	ATV-03	Socket Head Cap Screw	Ø10x23 mm	1
4	ATV-04	Washer	Ø11 x Ø20x 2 mm	1
5	ATV-05	Spring	Ø16x22 mm	1
9	ATV-09	Set Screw	M5x12	2
10	ATV-10	Spindle Collar		1
11		Lead Screw (Re: ATV-11)		1
12		Floating Jaw Body		1
13	ATV-13	Jaw Insert (set of 2)	6"L x 1/2"W x 7/8"H	1 set
14	TS-1503031	Socket Head Cap Screw	M6x12	4
15		Stationary Jaw Body		1
16	ATV-16	Hitch Pin	Ø16 mm	1
17	ATV-17	Cotter Pin	Ø4 mm	1
18	ATV-23	Adjustment Screw	M16x1.5x8.5	4
19	ATV-18	Roll Pin	4x12 mm	2
20	ATV-19	Spindle Nut		1
21	ATV-20	Spacer		1
22	JHM610-22	Socket Head Cap Screw	M6x14	1
23	10300	Bench Mount Receiver		1
24		Handle Pin (Re: ATV-11)		1
25		Hexagonal Collar (Re: ATV-11)		1
26	ATV-11	Lead Screw Assembly (index #11,24,25)		1

Some parts are shown for reference only and may not be available as replacement parts.



427 New Sanford Road
LaVergne, Tennessee 37086
Phone: 800-274-6848
www.wiltontools.com



Operating Instructions & Service Parts Manual

All Terrain Vise 5" # 10025



Record purchase information for quick reference:

Stock No.:	10025
Serial No.:	
Purchased from:	
Date purchased:	

WILTON
427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-6848
www.wilontools.com

Manual No. M-10025
Edition 2
10/2015

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Warranty and Service

Wilton® warrants every product they sell against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official Wilton branded website.

- Wilton products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. Wilton has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the Wilton website.

More Information

Wilton is consistently adding new products. For complete, up-to-date product information, check with your local distributor or visit the Wilton website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

WILTON LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WILTON SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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Product Listing with Warranty Period

90 Days – Parts; Consumable items
Limited Lifetime – Wilton branded products

NOTE: Wilton is a division of JPW Industries, Inc. References in this document to Wilton also apply to JPW Industries, Inc., or any of its successors in interest to the Wilton brand.

Read and understand the entire owner's manual before attempting installation or operation.



Warnings

1. Keep hands clear of jaws.
2. Make sure vise is properly secured to hitch receiver.
3. Do not use the vise as a step; it may cause an individual to slip and fall. This caution is also inscribed in the anvil of the vise – see Figure 1.
4. Keep ground or floor around the vise uncluttered and free of scrap material, oil and grease. Wear non-slip footwear.
5. Do not place combustible materials or pressurized containers in vise.
6. Do not force the tool. Do not use a hammer against the handle, or use additional leverage such as cheater bars or pipe extensions, to tighten the screw handle. For heavier jobs, use a larger vise.
7. Vehicle safety brake must be engaged before operating vise.
8. Do not drive vehicle with material in the vise.
9. Use caution when backing a vehicle with the vise installed.
10. Make sure vise handle is locked and hitch pin is properly secured before driving vehicle.
11. Read and understand all warnings posted on the vise and in this manual. Failure to comply with all of these warnings may cause serious injury.
12. Do not use this vise for other than its intended use.
13. Replace warning labels if they become obscured or removed.
14. Always wear ANSI-approved safety glasses or face shield when using striking or power tools with this vise. (Everyday eyeglasses only have impact resistant lenses; they are *not* safety glasses.) Wear hearing protection when needed.
15. Do not wear loose clothing or jewelry. Confine long hair. Keep clothing, hair and gloves away from moving parts.
16. Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead based paint.
 - Crystalline silica from bricks, cement and other masonry products.
 - Arsenic and chromium from chemically treated lumber.Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as face or dust masks that are specifically designed to filter out microscopic particles.
17. Always inspect vise before use. Check for misalignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect the tool's operation. If damage is found, repair the vise immediately or replace it.
18. Have tool serviced only by qualified personnel, using authorized replacement parts.
19. Provide for adequate space surrounding work area and sufficient lighting.
20. Do not use this tool while tired or under the influence of drugs, alcohol or medication.

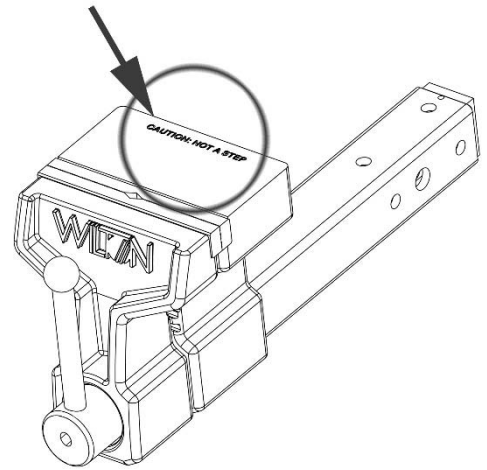


Figure 1

21. Keep bystanders, especially children, away from the area while using the vise.
22. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play” are careless acts that can result in serious injury.
23. Maintain a balanced stance at all times. Do not overreach while performing the work.

About this vise

The WILTON All Terrain Vise has been designed and constructed to provide consistent long-term operation, if used in accordance with instructions as set forth in this document. The body is formed of high-strength ductile cast iron. The leadscrew is precision ground carbon steel with acme threads. The tube has adjusting screws top and side for eliminating play inside the hitch receiver. The handle can be repositioned without moving the jaws.

About this manual

This manual covers operation and maintenance procedures for a WILTON 5-inch All Terrain Vise. It contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown.

The instructions and warnings presented in this manual cannot, of course, cover all possible situations or conditions in which a vise may be used. The operator is expected to take appropriate precautions and exercise common sense. As with any tool operation, safety of operator and bystanders should be first priority.

If there are questions or comments, please contact your local supplier or Wilton. Wilton can also be reached at our web site: www.wiltontools.com.

Retain this manual for future reference. If the tool transfers ownership, the manual should accompany it.

⚠WARNING Read and understand the entire contents of this manual before installing or using the All Terrain Vise. Failure to comply may cause serious injury.

Specifications

Model	WILTON All Terrain Vise 5"
Stock number.....	10025
Required hitch receiver.....	2 in. square
Jaw width	127 mm (5 in.)
Maximum jaw opening.....	152 mm (6 in.)
Jaw insert hardness.....	28-38 HRC
Pipe jaw capacity (x-y, round stock).....	3/4 to 2 in. (or 1/2 to 2 in. with one jaw insert removed)
Clamping force.....	1 ton
Throat depth	102 mm (4 in.)
Jaw travel per one rotation of handle	4 mm (0.15 in.)
Weight.....	11.5 kg (25.35 lb)
Dimensions (LxWxH).....	464 x 127 x 160 mm (18-1/4 x 5 x 6-1/4 in.)
Primary materials.....	steel and ductile iron
Paint finish	powder coat enamel

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Wilton reserves the right to change specifications at any time and without prior notice, without incurring obligations.

Setup and assembly

⚠WARNING Read and understand all instructions and warnings in this manual before attempting installation or operation of hitch vise. Failure to comply may cause serious injury.

Shipping contents

- 1 Vise
- 1 Hitch pin with cotter pin
- 1 Instructions and parts manual
- 1 Warranty card

Remove contents from shipping carton, and check for shipping damage or missing parts. If either of these is discovered, contact your dealer or Wilton at the phone number on the cover.

Installing to hitch

Refer to Figure 2.

The All Terrain Vise is designed to be inserted into a 2-inch square hitch receiver.

1. Slide vise tube into receiver. If there is too much “play” within the receiver, remove the vise and rotate any of four screws (A) on the vise tube, with a 5/16” hex key. Reinstall and test for fit, making further adjustments as needed.
2. Align hole in vise tube with hole in hitch receiver.
3. Insert hitch pin (B) completely through receiver and vise tube.
4. Install cotter pin (C) through hole in hitch pin.

⚠WARNING Cotter pin must be properly secured in hitch pin before operating vise or moving vehicle to which vise is mounted.

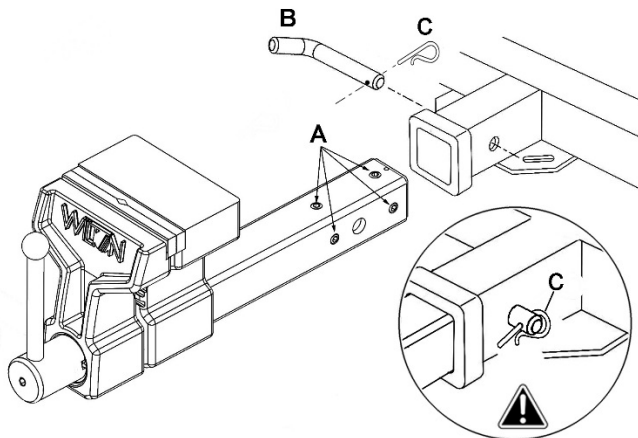


Figure 2

Handle adjustment

Refer to Figure 3.

The handle hub is spring-loaded, and allows the handle to be repositioned without moving the jaws.

After securing the workpiece in the jaws, grasp handle hub and pull out. Rotate handle hub to desired position, then release.

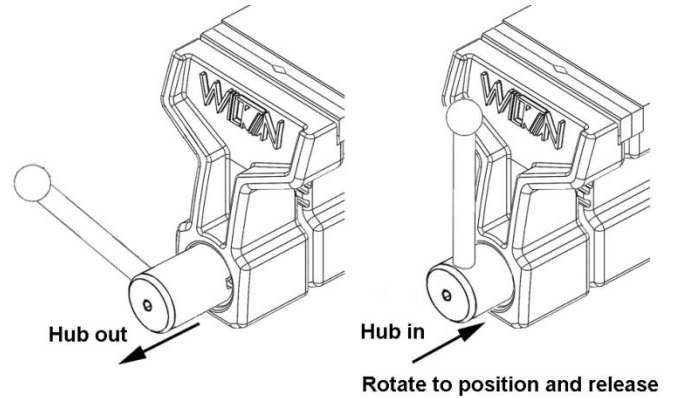


Figure 3

To operate the hitch vise:

Before use, inspect the vise for cracks, misalignment, binding, or any other problems that may compromise its safe use.

1. Turn screw handle counterclockwise to open jaws. Do not try to force jaws apart farther than the rated capacity/jaw opening.
2. Choose the straight jaws or pipe jaws. Insert workpiece and turn handle clockwise to close jaws.
3. Tighten enough that workpiece can no longer be shifted within the jaws. Do not overtighten, as this may damage workpiece and/or jaws.

Maintenance

Inspection: Before use, inspect vise for misalignment, binding or cracked/damaged parts, or any other condition that may affect safe operation. Repair or replace a damaged vise.

Cleaning: After use, wipe external surfaces of the vise with a clean rag. Apply a light coat of machine oil to exposed metal areas.

Lubrication: The leadscrew is permanently lubricated and enclosed, and should not require attention. Lubricate other moving parts of the vise with machine oil.

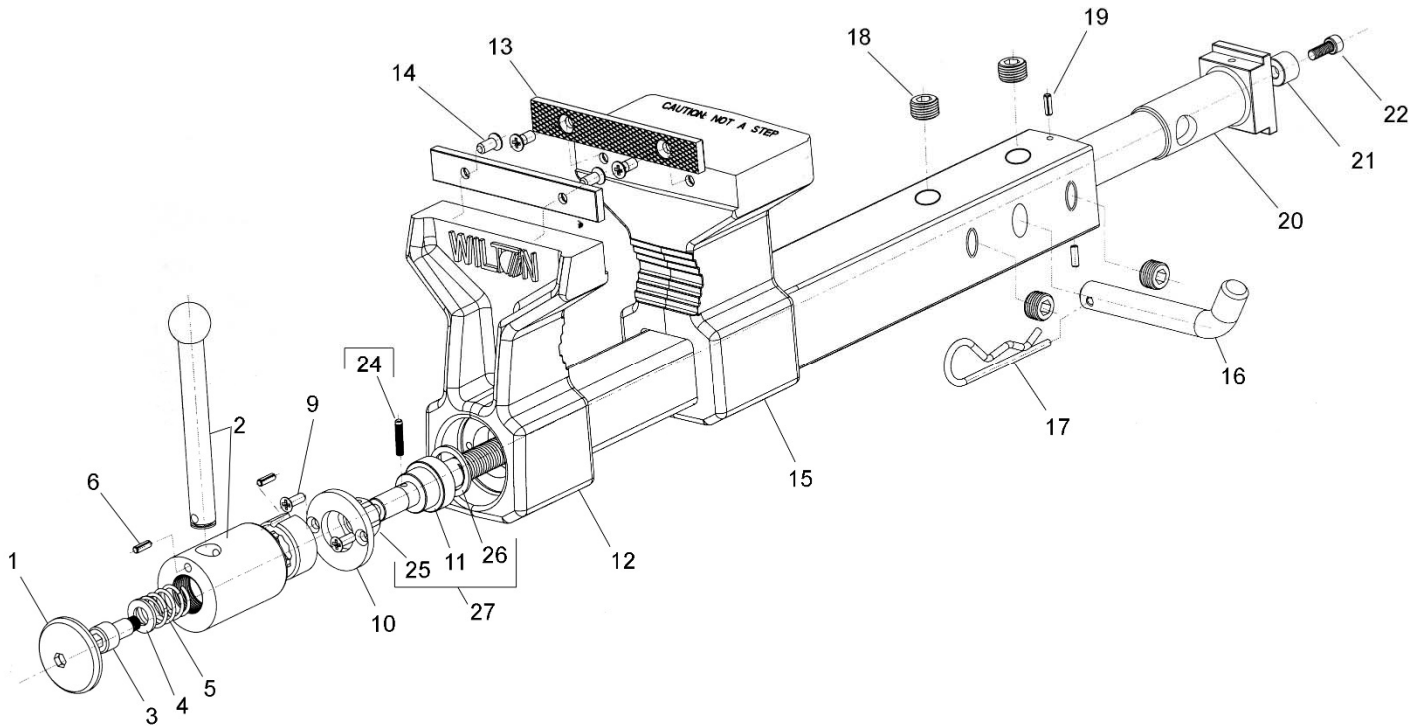
Jaw insert replacement: Use a screwdriver to remove two screws on the jaw insert. Securely tighten the new jaw insert to the vise using the same screws.

NOTE: If replacing jaw inserts, replace both as a set.

Replacement Parts

To order parts or reach our service department, call 1-800-274-6848 Monday through Friday, 8AM to 5PM CST. Having the Model Number and Serial Number of your tool available when you call will allow us to serve you quickly and accurately.

WILTON 5-inch All Terrain Vise #10025 – Exploded View



WILTON 5-inch All Terrain Vise #10025 – Parts List

Index No	Part No	Description	Size	Qty
.....	ATV-HA	Handle Assembly (index #1-6)		1
1	ATV-01	Cap		1
2	ATV-02	Handle (includes #6)		1
3	ATV-03	Socket Head Cap Screw		1
4	ATV-04	Washer	Ø11 x Ø20x 2 mm	1
5	ATV-05	Spring	Ø16x22 mm	1
6	262004-24	Roll Pin	Ø5x30 mm	2
9	ATV-09	Set Screw		2
10	ATV-10	Spindle Collar		1
11		Lead Screw (Re: ATV-11)		1
12		Floating Jaw Body		1
13	ATV5-13	Jaw Insert (set of 2)	127L x 6W x 19H mm	1 set
14	ATV5-14	Phillips Flat Head Screw	M6x10	4
15		Stationary Jaw Body		1
16	ATV-16	Hitch Pin	Ø16 mm	1
17	ATV-17	Cotter Pin	Ø4 mm	1
18	ATV-23	Adjustment Screw		4
19	ATV-18	Roll Pin	4x12 mm	2
20	ATV-19	Spindle Nut		1
21	ATV-20	Spacer		1
22	JHM610-22	Socket Head Cap Screw	M6x14	1
24		Handle Pin (Re: ATV-11)		1
25		Hexagonal Collar (Re: ATV-11)		1
26		Washer (Re: ATV-11)		1
27	ATV-11	Lead Screw Assembly (index #11,24,25,26)		1

Some parts are shown for reference only and may not be available as replacement parts.



427 New Sanford Road
LaVergne, Tennessee 37086
Phone: 800-274-6848
www.wiltontools.com



Operating Instructions & Service Parts Manual

All Terrain Vise 6" # 10010



Record purchase information for quick reference:

Stock No.:	10010
Serial No.:	
Purchased from:	
Date purchased:	

WILTON
427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-6848
www.wilontools.com

Manual No. M-10010
Rev C 10/2015

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Warranty and Service

Wilton® warrants every product they sell against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official Wilton branded website.

- Wilton products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. Wilton has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the Wilton website.

More Information

Wilton is consistently adding new products. For complete, up-to-date product information, check with your local distributor or visit the Wilton website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

WILTON LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WILTON SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Wilton sells through distributors only. The specifications listed in Wilton printed materials and on official Wilton branded website are given as general information and are not binding. Wilton reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

Product Listing with Warranty Period

90 Days – Parts; Consumable items
Limited Lifetime – Wilton branded products

NOTE: Wilton is a division of JPW Industries, Inc. References in this document to Wilton also apply to JPW Industries, Inc., or any of its successors in interest to the Wilton brand.

Read and understand the entire owner's manual before attempting installation or operation.



Warnings

1. Keep hands clear of jaws.
2. Make sure vise is properly secured to hitch receiver. If using accessory bench receiver, vise must be properly secured within receiver, and receiver bolted to bench with appropriate fasteners (not included).
3. Do not use the vise as a step; it may cause an individual to slip and fall. This caution is also inscribed in the anvil of the vise – see Figure 1.
4. Keep ground or floor around the vise uncluttered and free of scrap material, oil and grease. Wear non-slip footwear.
5. Do not place combustible materials or pressurized containers in vise.
6. Do not force the tool. Do not use a hammer against the handle, or use additional leverage such as cheater bars or pipe extensions, to tighten the screw handle. For heavier jobs, use a larger vise.
7. Vehicle safety brake must be engaged before operating vise.
8. Do not drive vehicle with material in the vise.
9. Use caution when backing a vehicle with the vise installed.
10. Make sure vise handle is locked and hitch pin is properly engaged before driving vehicle.
11. Read and understand all warnings posted on the vise and in this manual. Failure to comply with all of these warnings may cause serious injury.
12. Do not use this vise for other than its intended use.
13. Replace warning labels if they become obscured or removed.
14. Always wear ANSI-approved safety glasses or face shield when using striking or power tools with this vise. (Everyday eyeglasses only have impact resistant lenses; they are *not* safety glasses.) Wear hearing protection when needed.
15. Do not wear loose clothing or jewelry. Confine long hair. Keep clothing, hair and gloves away from moving parts.
16. Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead based paint.
 - Crystalline silica from bricks, cement and other masonry products.
 - Arsenic and chromium from chemically treated lumber.Your risk of exposure varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment, such as face or dust masks that are specifically designed to filter out microscopic particles.
17. Always inspect vise before use. Check for misalignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect the tool's operation. If damage is found, repair the vise immediately or replace it.
18. Have tool serviced only by qualified personnel, using authorized replacement parts.

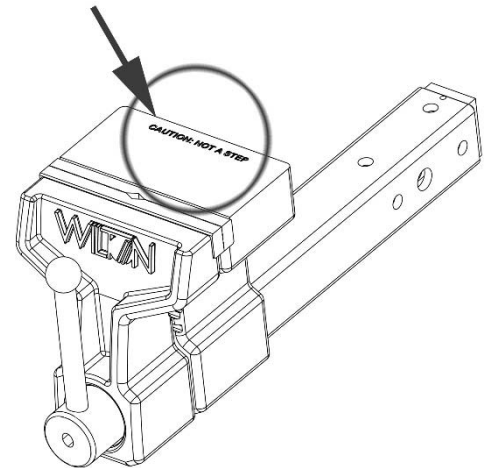


Figure 1

19. Provide for adequate space surrounding work area and sufficient lighting.
20. Do not use this tool while tired or under the influence of drugs, alcohol or medication.
21. Keep bystanders, especially children, away from the area while using the vise.
22. Give your work undivided attention. Looking around, carrying on a conversation and “horse-play” are careless acts that can result in serious injury.
23. Maintain a balanced stance at all times. Do not overreach while performing the work.

About this vise

The WILTON All Terrain Vise has been designed and constructed to provide consistent long-term operation, if used in accordance with instructions as set forth in this document. The body is formed of high-strength ductile cast iron. The leadscrew is precision ground carbon steel with acme threads. The tube has adjusting screws top and side for eliminating play inside the hitch receiver. The handle can be repositioned without moving the jaws.

About this manual

This manual covers operation and maintenance procedures for a WILTON All Terrain Vise. It contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown.

The instructions and warnings presented in this manual cannot, of course, cover all possible situations or conditions in which a vise may be used. The operator is expected to take appropriate precautions and exercise common sense. As with any tool operation, safety of the operator and bystanders should be first priority.

If there are questions or comments, please contact your local supplier or Wilton. Wilton can also be reached at our web site: www.wiltontools.com.

Retain this manual for future reference. If the tool transfers ownership, the manual should accompany it.

⚠WARNING Read and understand the entire contents of this manual before installing or using the All Terrain Vise. Failure to comply may cause serious injury.

Specifications

Model	WILTON All Terrain Vise 6"
Stock number.....	10010
Required hitch receiver.....	2 in. square
Jaw width	150 mm (6 in.)
Maximum jaw opening.....	145 mm (5-3/4 in.)
Jaw insert hardness.....	45-56 HRC
Pipe jaw capacity (x-y, round stock).....	3/4 to 3 in. (or 1/2 to 3 in. with one jaw insert removed)
Clamping force.....	1 ton
Throat depth	127 mm (5 in.)
Jaw travel per one rotation of handle	4 mm (0.15 in.)
Weight.....	18 kg (39.68 lb)
Dimensions	489 x 150 x 185 mm (19-1/4 x 6 x 7-1/4 in.)
Primary materials.....	steel and ductile iron
Paint finish	powder coat enamel

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Wilton reserves the right to change specifications at any time and without prior notice, without incurring obligations.

Setup and assembly

⚠WARNING Read and understand all instructions and warnings in this manual before attempting installation or operation of hitch vise. Failure to comply may cause serious injury.

Shipping contents

- 1 Vise
- 1 Hitch pin with cotter pin
- 1 Bench mount receiver
- 1 Instructions and parts manual
- 1 Warranty card

Remove contents from shipping carton, and check for shipping damage or missing parts. If either of these is discovered, contact your dealer or Wilton at the phone number on the cover.

Installing to hitch

Refer to Figure 2.

The All Terrain Vise is designed to be inserted into a 2-inch square hitch receiver.

1. Slide vise tube into receiver. If there is too much “play” within the receiver, remove the vise and rotate any of four screws (A) on the vise tube, with a 5/16” hex key. Reinstall and test for fit, making further adjustments as needed.
2. Align hole in vise tube with hole in hitch receiver.
3. Insert hitch pin (B) completely through receiver and vise tube.
4. Install cotter pin (C) through hole in hitch pin.

⚠WARNING Cotter pin must be properly secured in hitch pin before operating vise or moving vehicle to which vise is mounted.

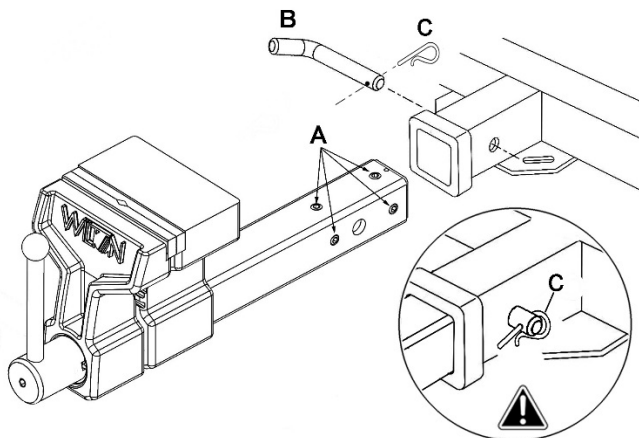


Figure 2

Installing to bench/table

Bench or table must be capable of supporting combined weight of vise, workpiece and applied forces. If additional strength is needed, mount supporting boards beneath the table.

Refer to Figures 3 and 4.

1. Position vise on bench. The rear (or static) jaw should just overhang the bench to prevent obstruction when inserting long work pieces.
2. Place bench receiver over vise tube and mark hole positions on bench. Figure 3 identifies hole dimensions. Drill holes of appropriate diameter in table.
3. Mount bench receiver to bench using fasteners of suitable grade, length and diameter. The hole in the side of the receiver should be at the end farthest from the vise.
4. Slide vise tube into bench receiver. If there is too much “play” within the receiver, rotate any of the four adjustment screws on the tube (A, Figure 2).
5. Install hitch pin through holes of tube and receiver (Figure 4).
6. Install cotter pin into hitch pin hole.

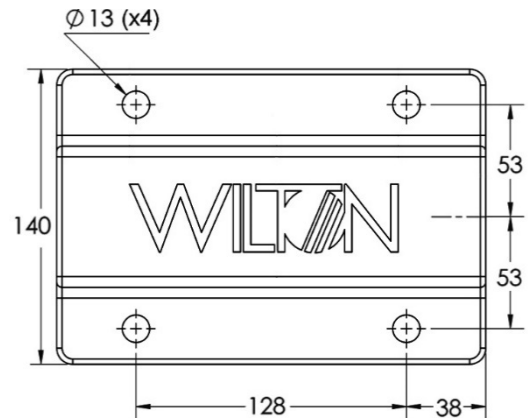


Figure 3 (dimensions in millimeters)

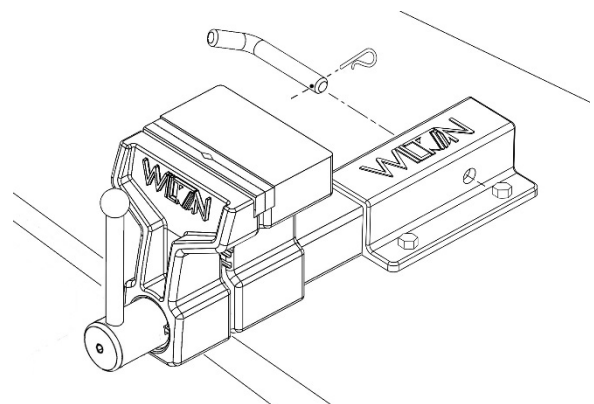


Figure 4

Adjustments and Operation

Before use, inspect the vise for cracks, misalignment, binding, or any other problems that may compromise its safe use.

Handle adjustment

Refer to Figure 5.

The handle hub is spring-loaded, and allows the handle to be repositioned without moving the jaws.

After securing the workpiece in the jaws, grasp handle hub and pull out. Rotate handle hub to desired position, then release.

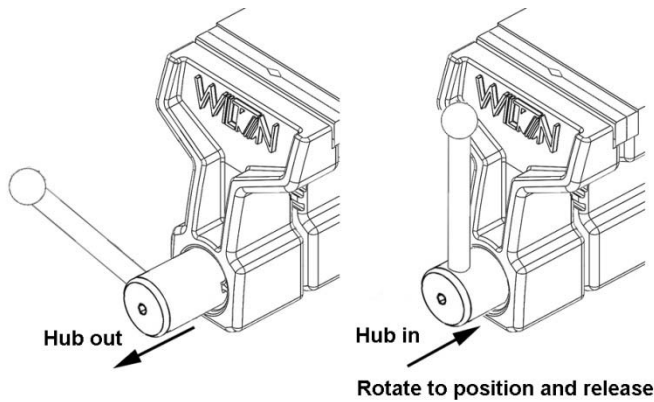


Figure 5

To operate the hitch vise:

1. Turn screw handle counterclockwise to open jaws. Do not try to force jaws apart farther than the rated capacity/jaw opening.
2. Choose the straight jaws or pipe jaws. Insert workpiece and turn handle clockwise to close jaws.
3. Tighten enough that workpiece can no longer be shifted within the jaws. Do not overtighten, as this may damage workpiece and/or jaws.

Maintenance

Inspection: Before use, inspect vise for misalignment, binding or cracked/damaged parts, or any other condition that may affect safe operation. Repair or replace a damaged vise.

Cleaning: After use, wipe external surfaces of the vise with a clean rag. Apply a light coat of machine oil to exposed metal areas.

Lubrication: The leadscrew is permanently lubricated and enclosed, and should not require attention. Lubricate other moving parts of the vise with machine oil.

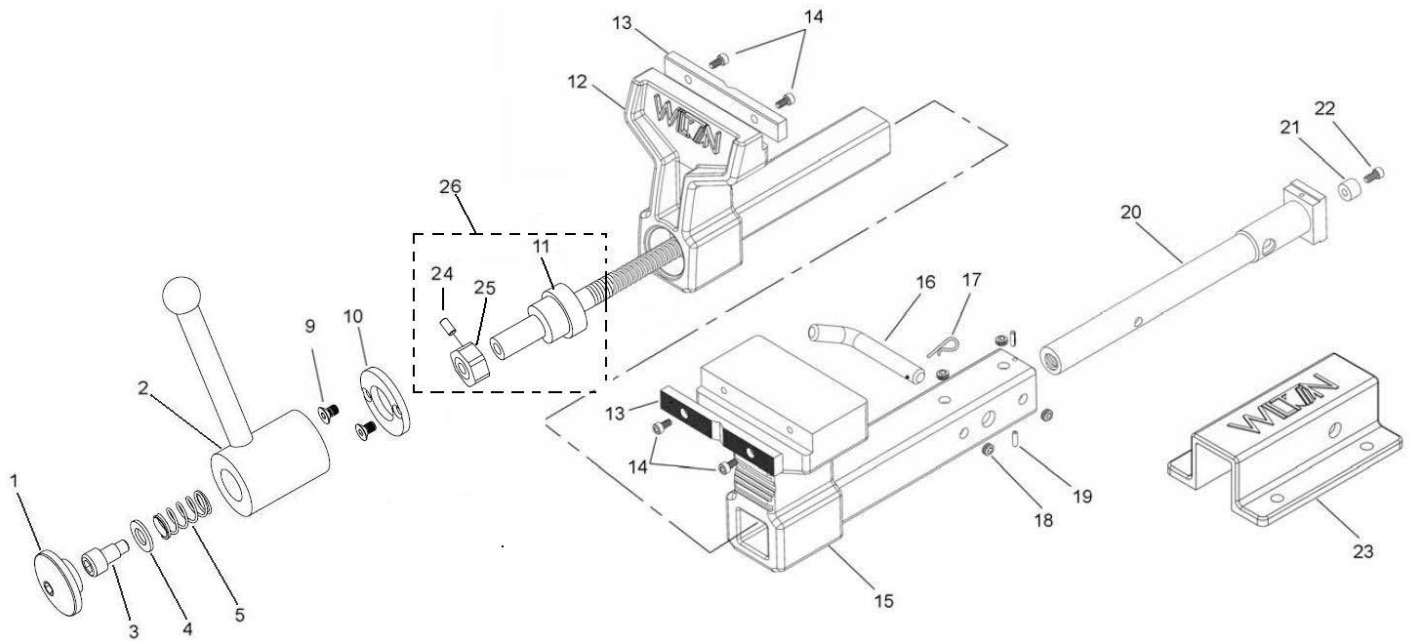
Jaw insert replacement: Use a 5mm hex key to remove two screws on the jaw insert. Securely tighten the new jaw insert to the vise using the same screws.

NOTE: If replacing jaw inserts, replace both as a set.

Replacement Parts

To order parts or reach our service department, call 1-800-274-6848 Monday through Friday, 8AM to 5PM CST. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

WILTON All Terrain Vise #10010 – Exploded View



WILTON All Terrain Vise #10010 – Parts List

Index No	Part No	Description	Size	Qty
	ATV-HA	Handle Assembly (index #1-5)		1
1	ATV-01	Cap		1
2	ATV-02	Handle		1
3	ATV-03	Socket Head Cap Screw	Ø10x23 mm	1
4	ATV-04	Washer	Ø11 x Ø20x 2 mm	1
5	ATV-05	Spring	Ø16x22 mm	1
9	ATV-09	Set Screw	M5x12	2
10	ATV-10	Spindle Collar		1
11		Lead Screw (Re: ATV-11)		1
12		Floating Jaw Body		1
13	ATV-13	Jaw Insert (set of 2)	6"L x 1/2"W x 7/8"H	1 set
14	TS-1503031	Socket Head Cap Screw	M6x12	4
15		Stationary Jaw Body		1
16	ATV-16	Hitch Pin	Ø16 mm	1
17	ATV-17	Cotter Pin	Ø4 mm	1
18	ATV-23	Adjustment Screw	M16x1.5x8.5	4
19	ATV-18	Roll Pin	4x12 mm	2
20	ATV-19	Spindle Nut		1
21	ATV-20	Spacer		1
22	JHM610-22	Socket Head Cap Screw	M6x14	1
23	10300	Bench Mount Receiver		1
24		Handle Pin (Re: ATV-11)		1
25		Hexagonal Collar (Re: ATV-11)		1
26	ATV-11	Lead Screw Assembly (index #11,24,25)		1

Some parts are shown for reference only and may not be available as replacement parts.

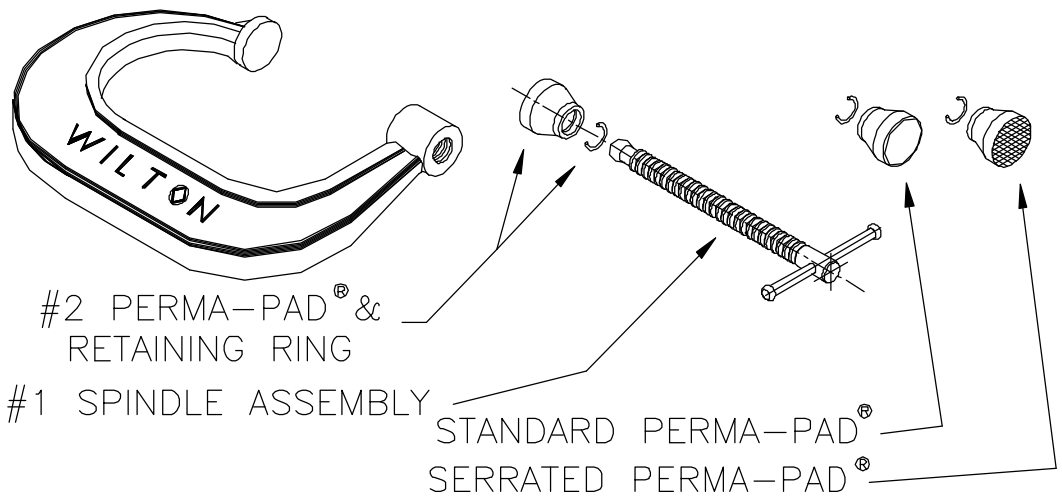


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Phone: 800-274-6848
www.wiltontools.com

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

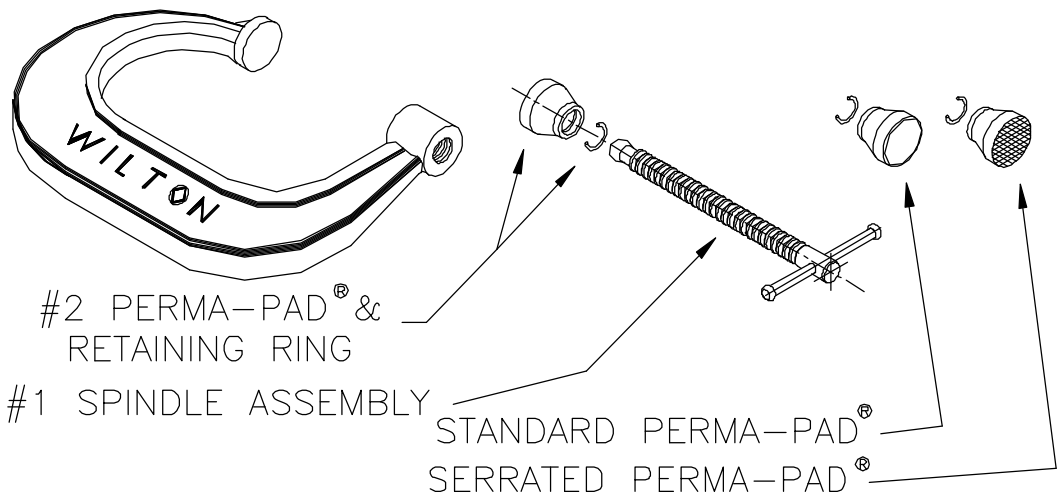
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150	2901310						
403-P		1701110 2901330	4406	1700170	2901310						
404-P		1700160 2901340	4408	1700170	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

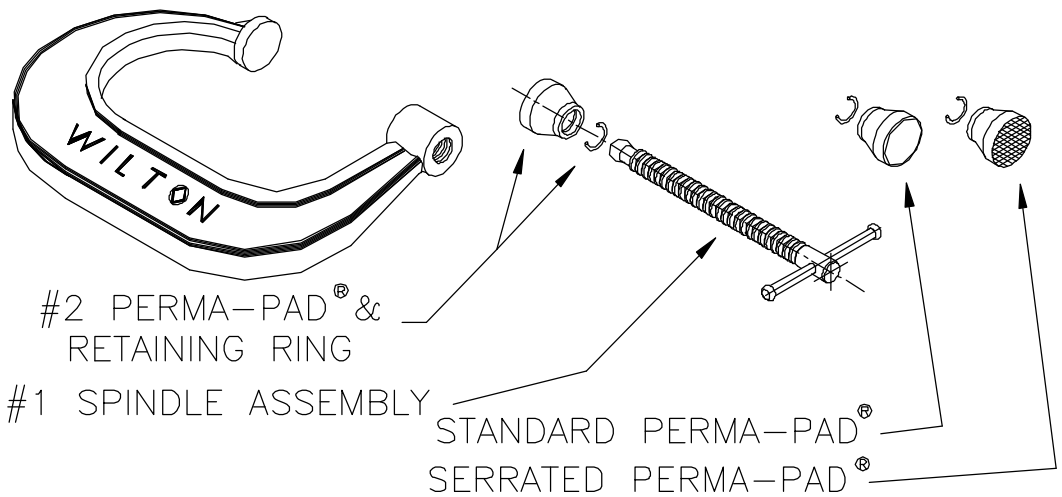
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340	COPPER PLATED SPINDLES AND SERRATED PADS								
408-P		1700210 2901340	4404 SEP	1700160 2907740	2907740						
410-P		1700210 2901340	4406 SEP	1700180 2907740	2907740						
412-P		1700230 2901340	4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

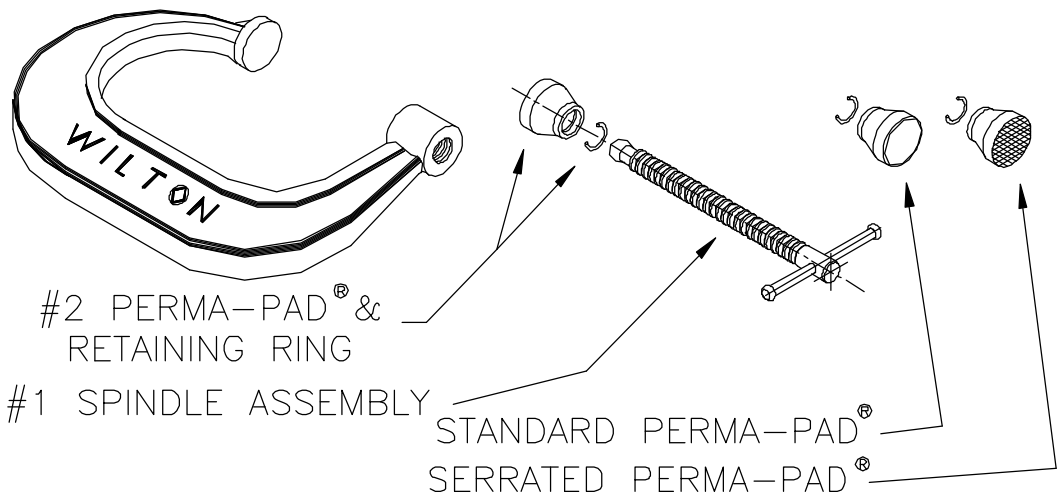
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150	2901310						
403-P		1701110 2901330	4406	1700170	2901310						
404-P		1700160 2901340	4408	1700170	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

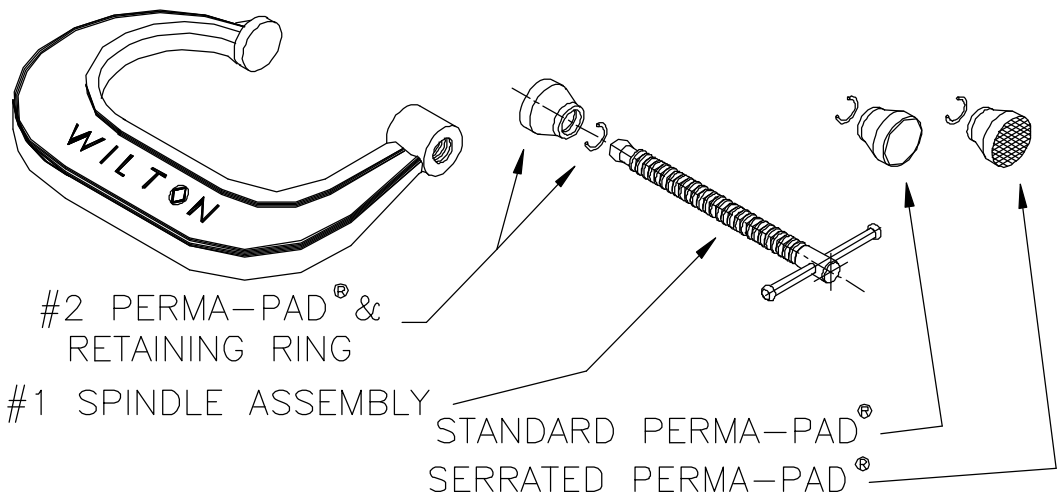
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340	COPPER PLATED SPINDLES AND SERRATED PADS								
408-P		1700210 2901340	4404 SEP	1700160 2907740	2907740						
410-P		1700210 2901340	4406 SEP	1700180 2907740	2907740						
412-P		1700230 2901340	4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

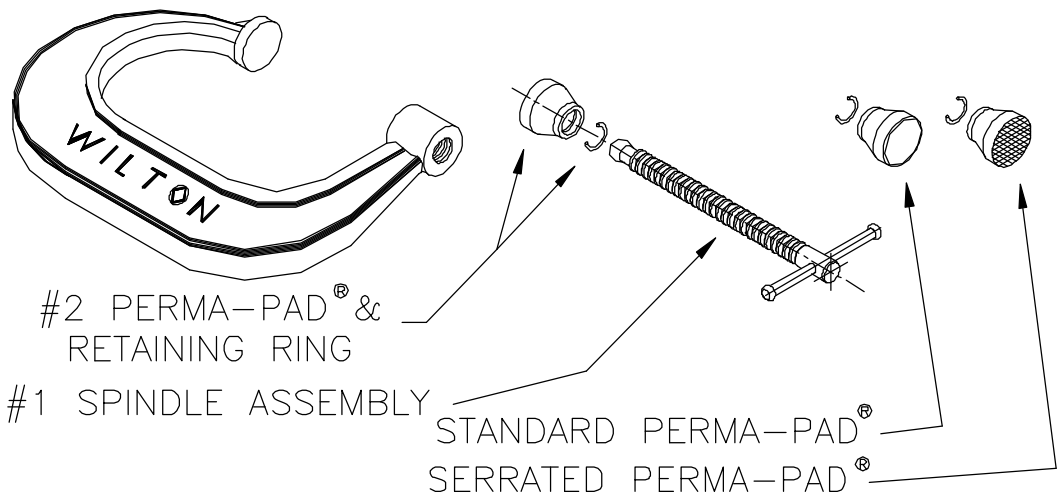
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

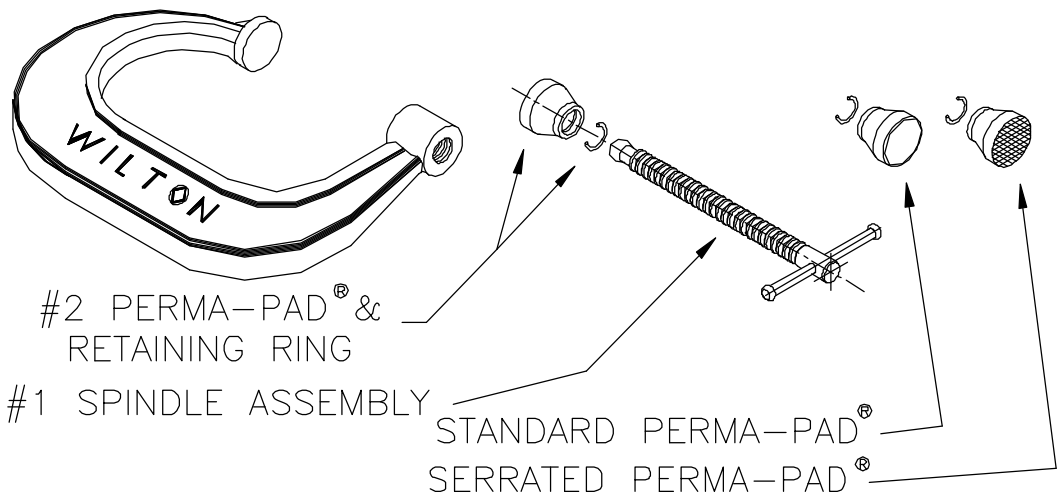
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
	412-SF 1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
	1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340									
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

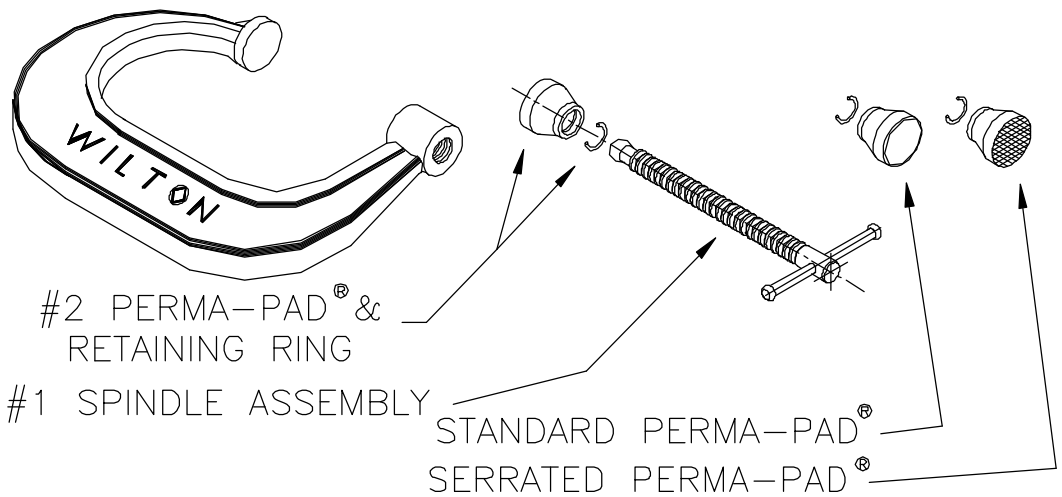
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340	COPPER PLATED SPINDLES AND SERRATED PADS								
408-P		1700210 2901340	4404 SEP	1700160 2907740	2907740						
410-P		1700210 2901340	4406 SEP	1700180 2907740	2907740						
412-P		1700230 2901340	4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

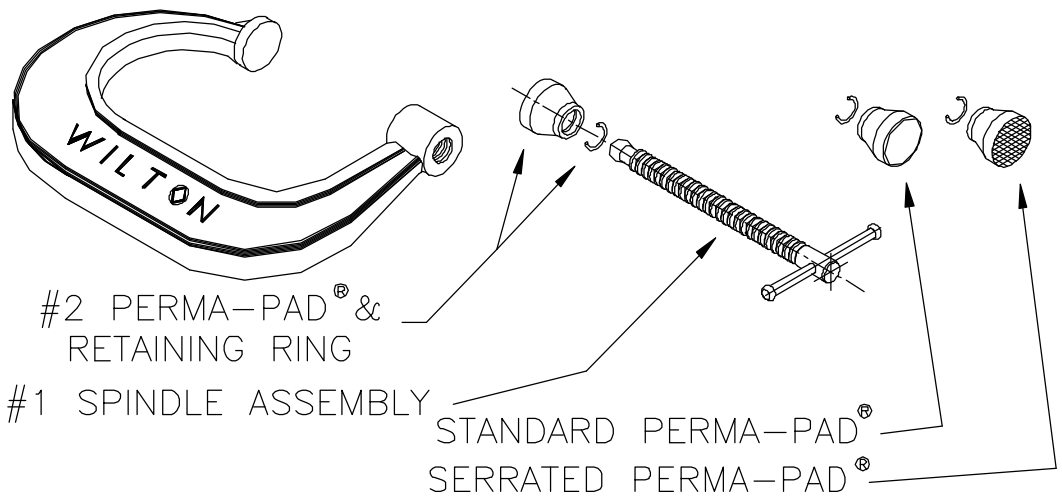
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412-SF	1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310	4404 SEP	1700160	2907740			
404-P	1700160	2901340	4408	1700170	2901310	4406 SEP	1700180	2907740			
406-P	1700180	2901340				4408 SEP	1700180	2907740			
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

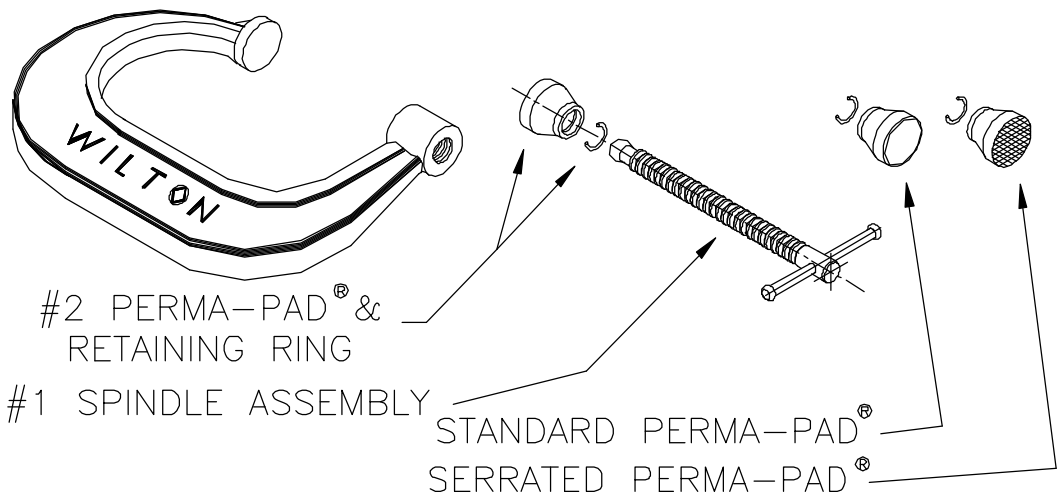
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
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									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340									
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

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#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

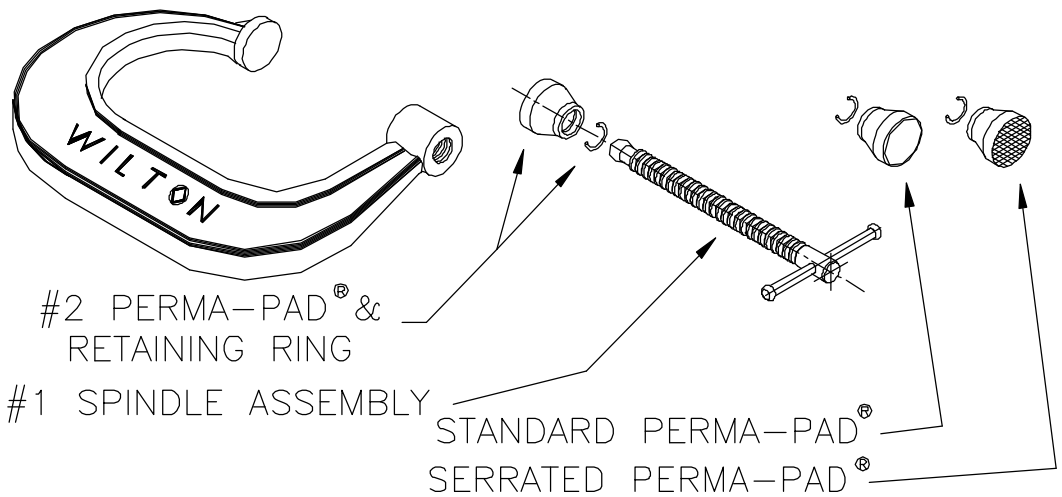
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 402-SF	1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
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404 & 404-SF	1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 406-SF	1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 408-SF	1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 410-SF	1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412-SF	1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & SFSG	1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & SFSG	1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & SFSG	1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & SFSG	1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & SFSG	1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & SFSG	1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340									
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

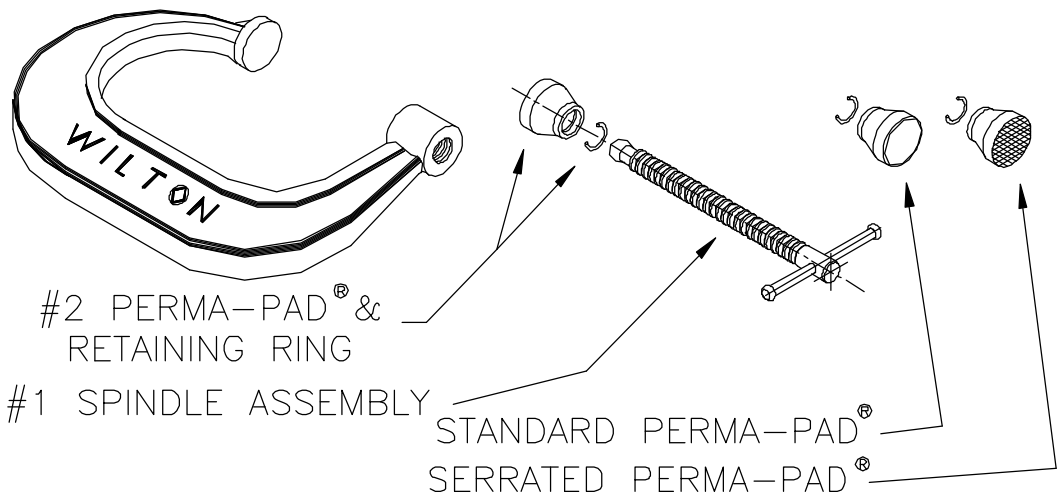
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310	4404 SEP	1700160 2907740	2907740			
404-P		1700160 2901340	4408	1700170 2901310	2901310	4406 SEP	1700180 2907740	2907740			
406-P		1700180 2901340				4408 SEP	1700180 2907740	2907740			
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

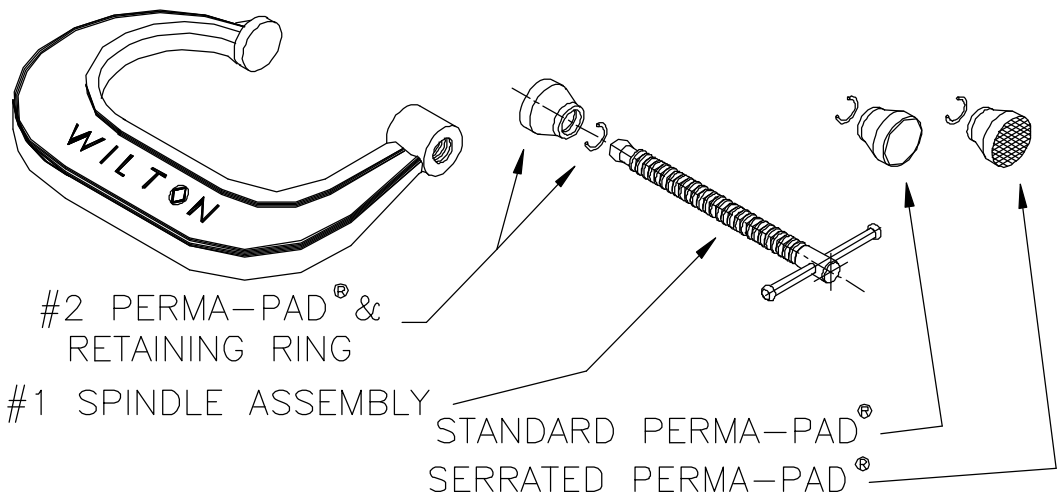
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160 2907740	2907740						
			4406 SEP	1700180 2907740	2907740						
			4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

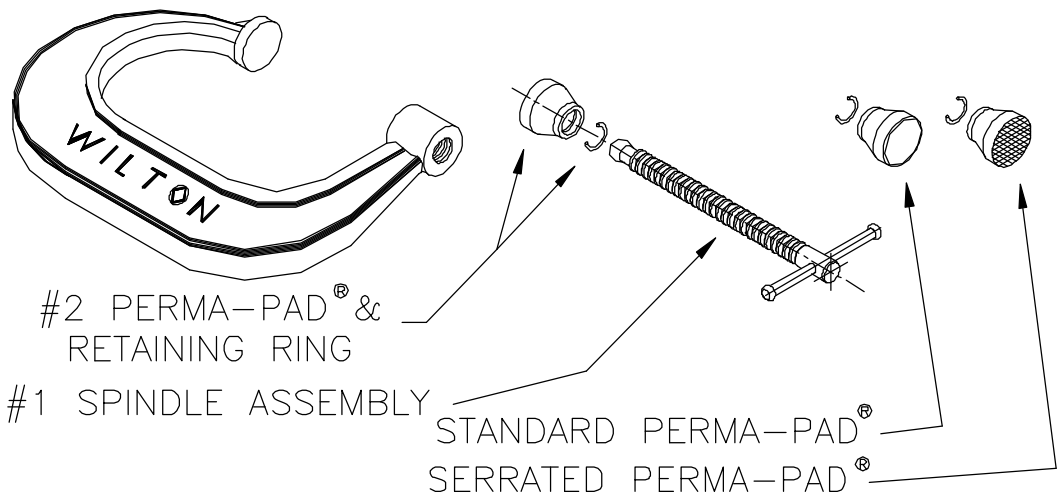
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
	412-SF 1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	402 SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	403 SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	404 SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	406 SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	408 SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
	410 SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
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									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340									
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

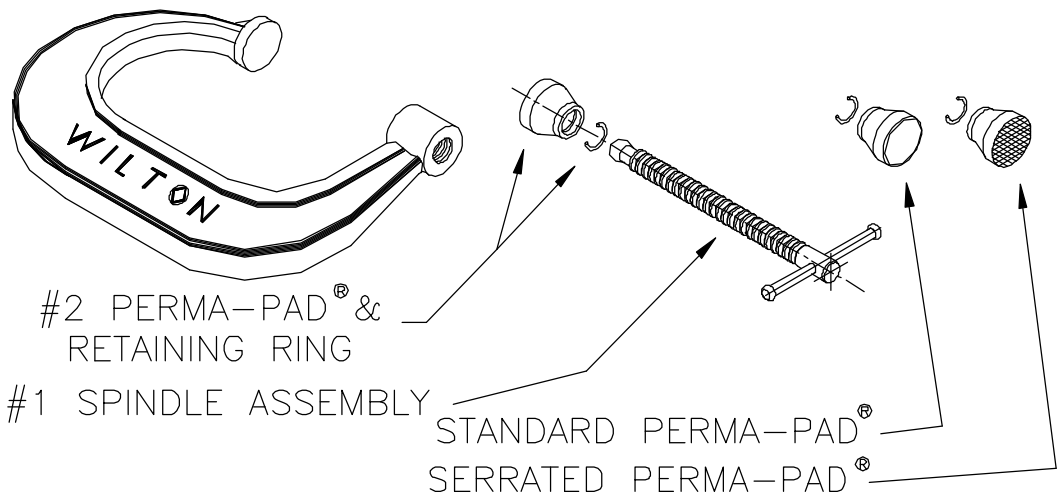
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310	4404 SEP	1700160 2907740	2907740			
404-P		1700160 2901340	4408	1700170 2901310	2901310	4406 SEP	1700180 2907740	2907740			
406-P		1700180 2901340				4408 SEP	1700180 2907740	2907740			
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

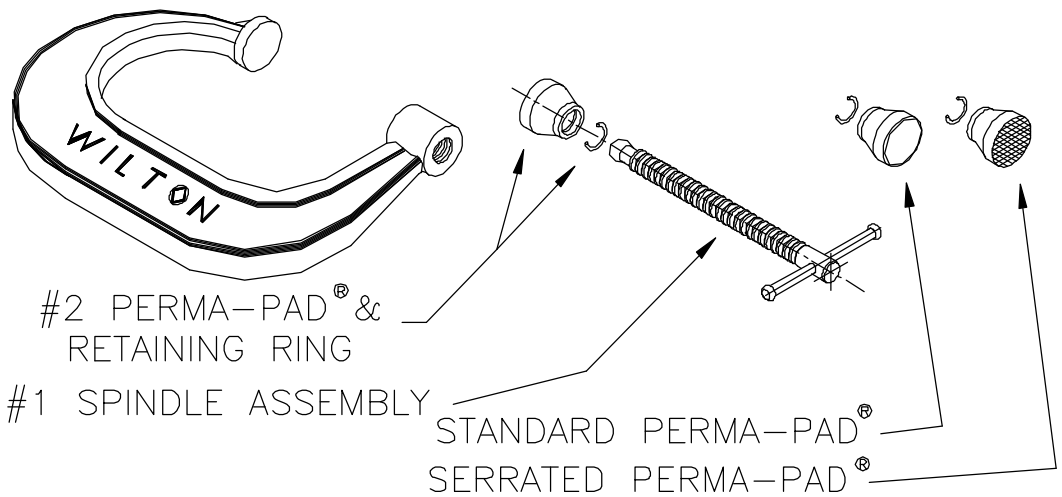
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412-SF	1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310	4404 SEP	1700160	2907740			
404-P	1700160	2901340	4408	1700170	2901310	4406 SEP	1700180	2907740			
406-P	1700180	2901340				4408 SEP	1700180	2907740			
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

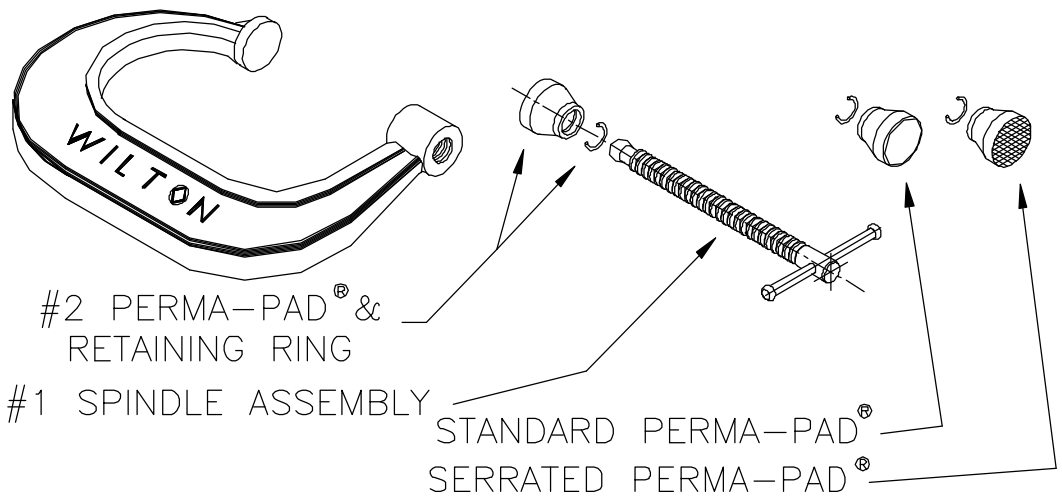
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150	2901310						
403-P		1701110 2901330	4406	1700170	2901310						
404-P		1700160 2901340	4408	1700170	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

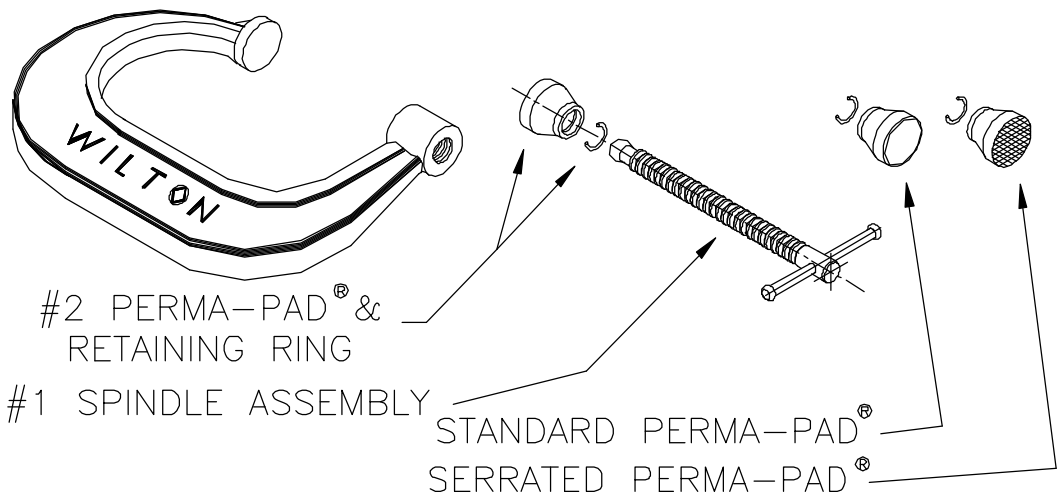
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340	COPPER PLATED SPINDLES AND SERRATED PADS								
408-P		1700210 2901340	4404 SEP	1700160 2907740	2907740						
410-P		1700210 2901340	4406 SEP	1700180 2907740	2907740						
412-P		1700230 2901340	4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

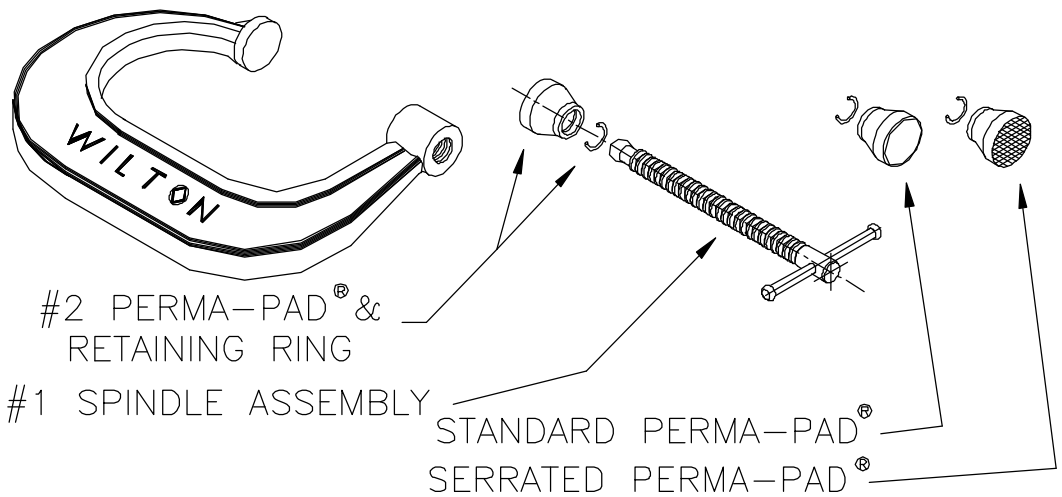
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150	2901310						
403-P		1701110 2901330	4406	1700170	2901310						
404-P		1700160 2901340	4408	1700170	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

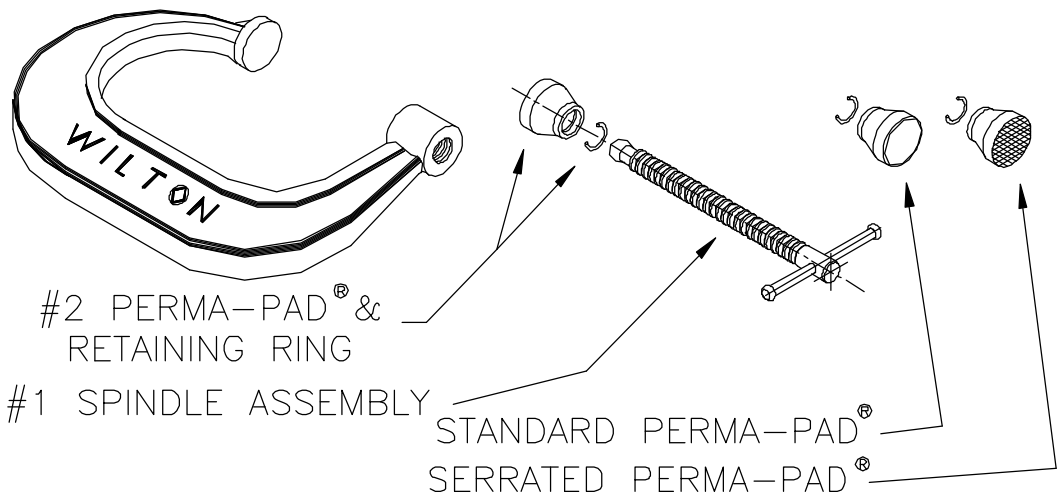
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412-SF	1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310	4404 SEP	1700160	2907740			
404-P	1700160	2901340	4408	1700170	2901310	4406 SEP	1700180	2907740			
406-P	1700180	2901340				4408 SEP	1700180	2907740			
408-P	1700210	2901340									
410-P	1700210	2901340									
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

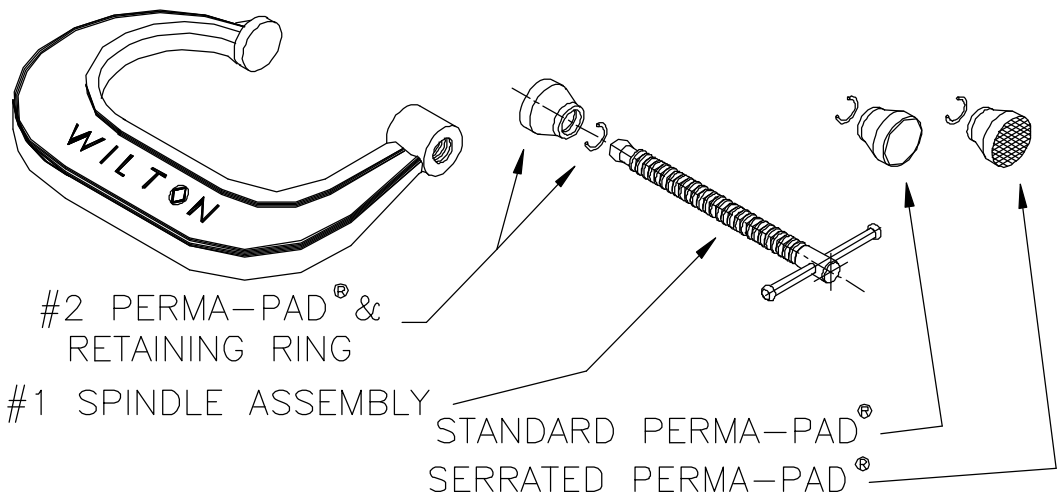
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
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									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150	2901310						
403-P		1701110 2901330	4406	1700170	2901310						
404-P		1700160 2901340	4408	1700170	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

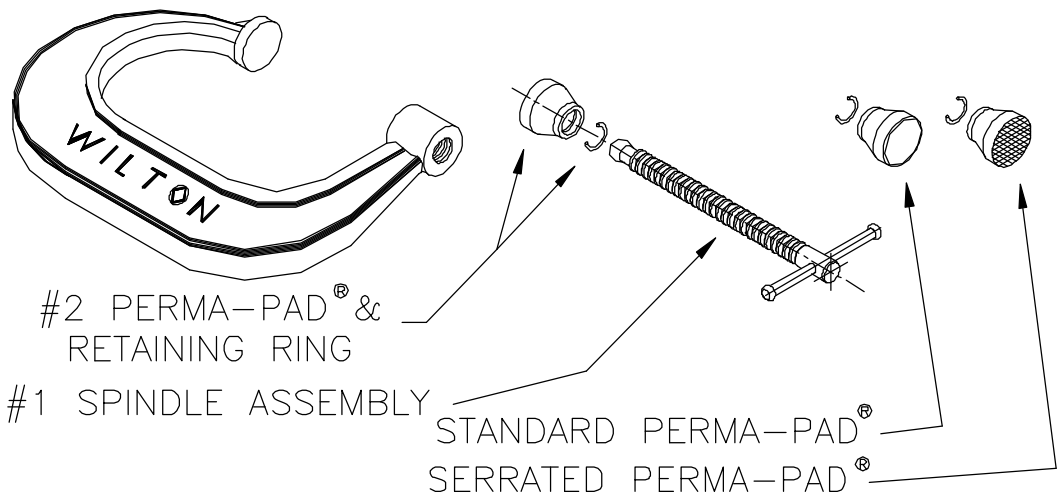
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412-SF	1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
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WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
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410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340	COPPER PLATED SPINDLES AND SERRATED PADS			4404 SEP 1700160 2907740					
408-P	1700210	2901340				4406 SEP 1700180 2907740					
410-P	1700210	2901340				4408 SEP 1700180 2907740					
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

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#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

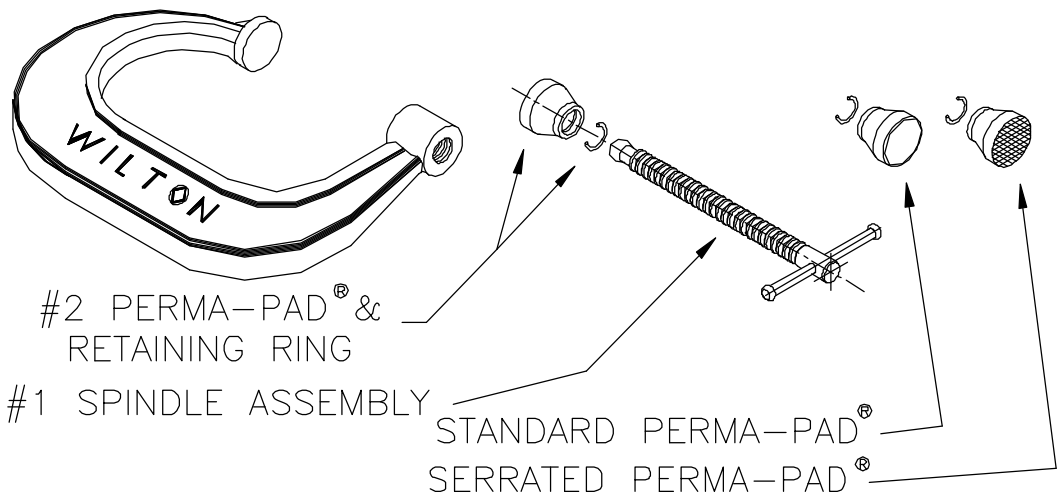
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
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402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
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WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160 2907740	2907740						
			4406 SEP	1700180 2907740	2907740						
			4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

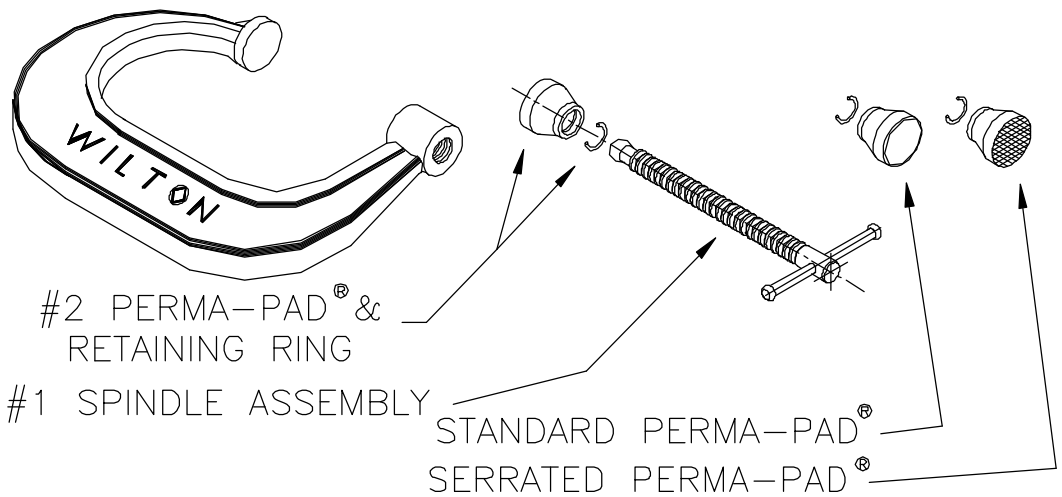
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160 2907740	2907740						
			4406 SEP	1700180 2907740	2907740						
			4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

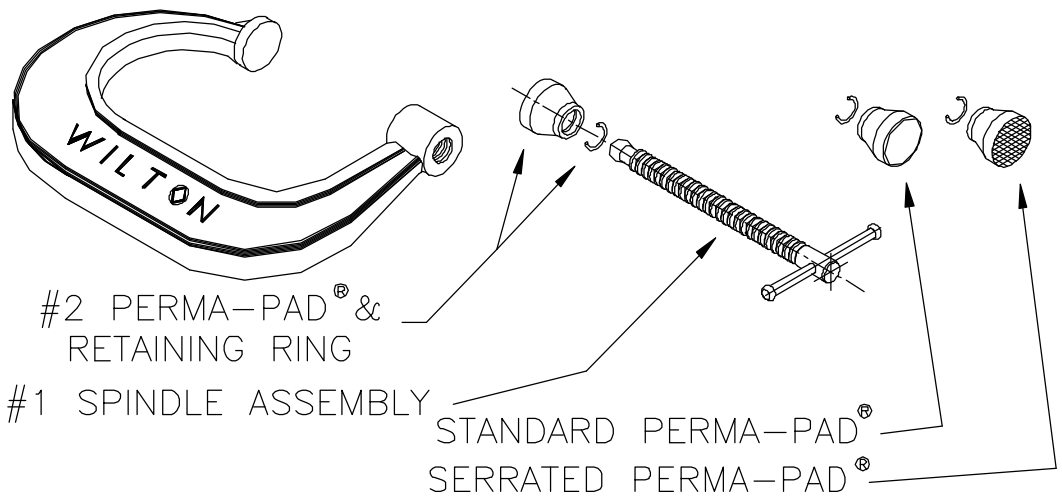
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160 2907740	2907740						
			4406 SEP	1700180 2907740	2907740						
			4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

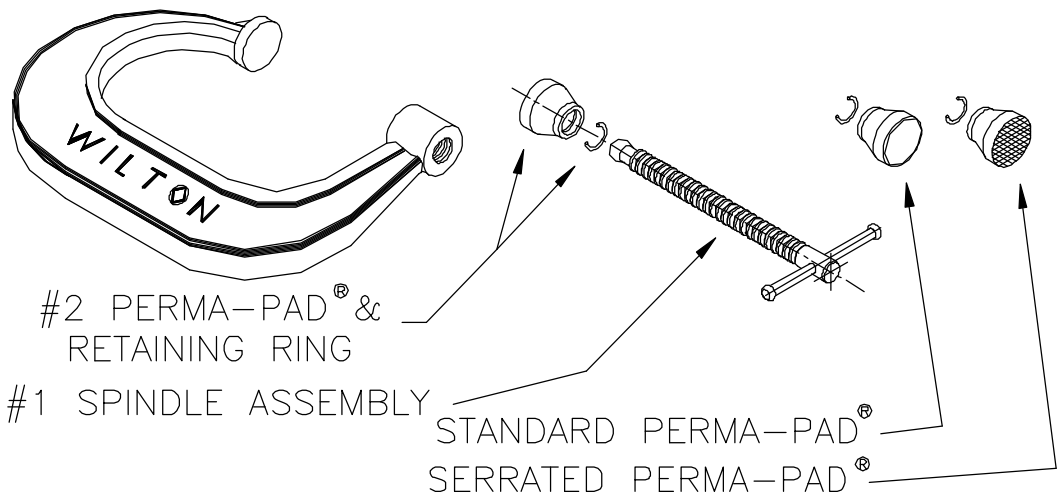
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310						
404-P		1700160 2901340	4408	1700170 2901310	2901310						
406-P		1700180 2901340	COPPER PLATED SPINDLES AND SERRATED PADS								
408-P		1700210 2901340	4404 SEP	1700160 2907740	2907740						
410-P		1700210 2901340	4406 SEP	1700180 2907740	2907740						
412-P		1700230 2901340	4408 SEP	1700180 2907740	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

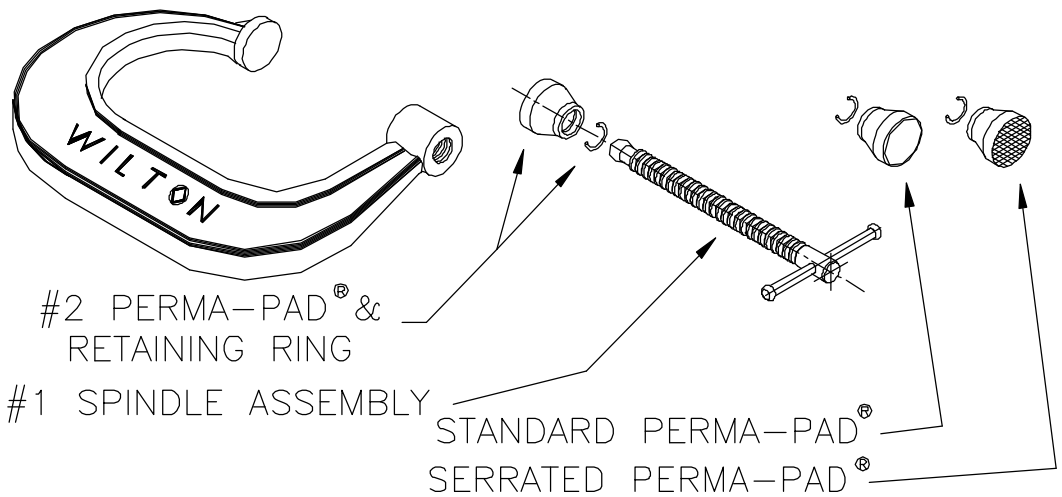
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
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402 &	402-SF	1701080 2901300	402 SEP	1701090 2907730	2907730	802	1701080 2907920	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110 2907730	2907730	803	1701160 2907920	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160 2907740	2907740	804	1700750 2901320	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180 2907740	2907740	806	1700740 2901320	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210 2907740	2907740	808	1700190 2907930	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210 2907740	2907740	810	1700190 2907930	2907930	8	07181-35	3 5/8-8 1/2"
412 &	412-SF	1700220 2901310	412 SEP	1700230 2907740	2907740	812	1700630 2907930	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010 2901300	2901300	802-P	1701090 2901400	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020 2901300	2901300	803-P	1701110 2901400	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030 2901310	2901310	804-P	1701370 2901350	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030 2901310	2901310	806-P	1701380 2901350	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030 2901310	2901310	808-P	1700210 2901410	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030 2901310	2901310	810-P	1700210 2901410	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030 2901310	2901310	812-P	1701420 2901410	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150 2901310	2901310						
403-P		1701110 2901330	4406	1700170 2901310	2901310	4404 SEP	1700160 2907740	2907740			
404-P		1700160 2901340	4408	1700170 2901310	2901310	4406 SEP	1700180 2907740	2907740			
406-P		1700180 2901340				4408 SEP	1700180 2907740	2907740			
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

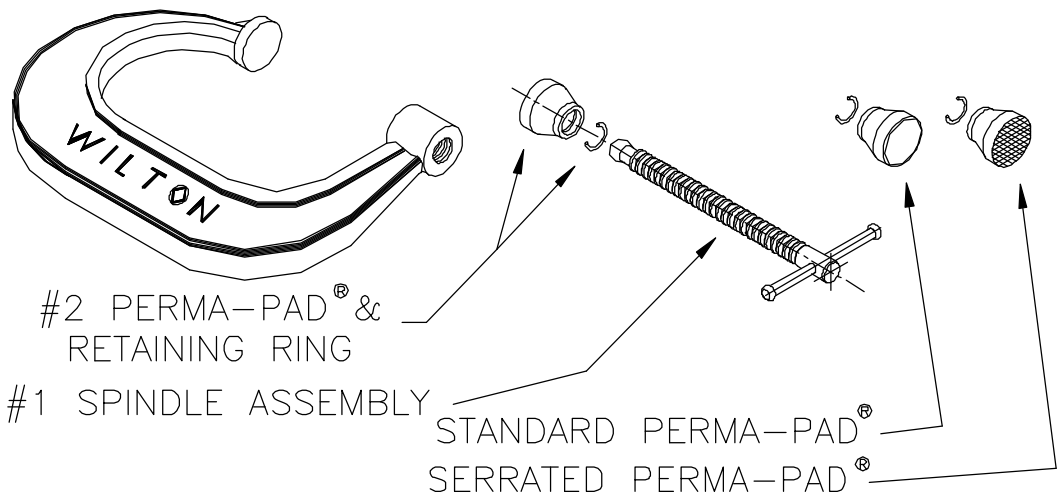
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412-SF	1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
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									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340	COPPER PLATED SPINDLES AND SERRATED PADS			4404 SEP 1700160 2907740					
408-P	1700210	2901340	4406 SEP 1700180 2907740			4408 SEP 1700180 2907740					
410-P	1700210	2901340	4408 SEP 1700180 2907740								
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

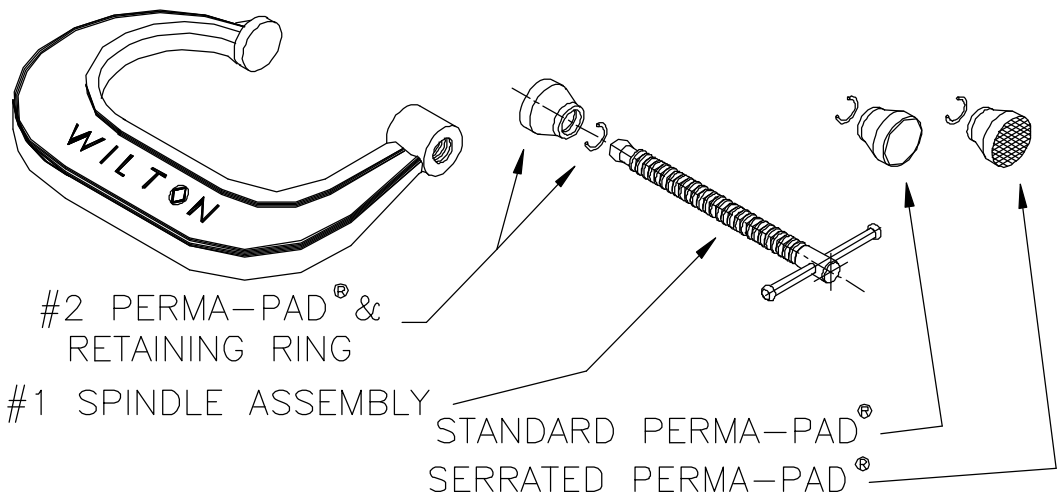
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 &	402-SF	1701080 2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 &	403-SF	1701160 2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 &	404-SF	1700150 2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 &	406-SF	1700170 2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 &	408-SF	1700190 2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 &	410-SF	1700190 2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
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									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG &	SFSG	1701080 2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG &	SFSG	1701160 2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG &	SFSG	1700150 2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG &	SFSG	1700170 2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG &	SFSG	1700190 2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG &	SFSG	1700190 2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P		1701090 2901330	4404	1700150	2901310						
403-P		1701110 2901330	4406	1700170	2901310						
404-P		1700160 2901340	4408	1700170	2901310						
406-P		1700180 2901340									
408-P		1700210 2901340									
410-P		1700210 2901340									
412-P		1700230 2901340									
			4404 SEP	1700160	2907740						
			4406 SEP	1700180	2907740						
			4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

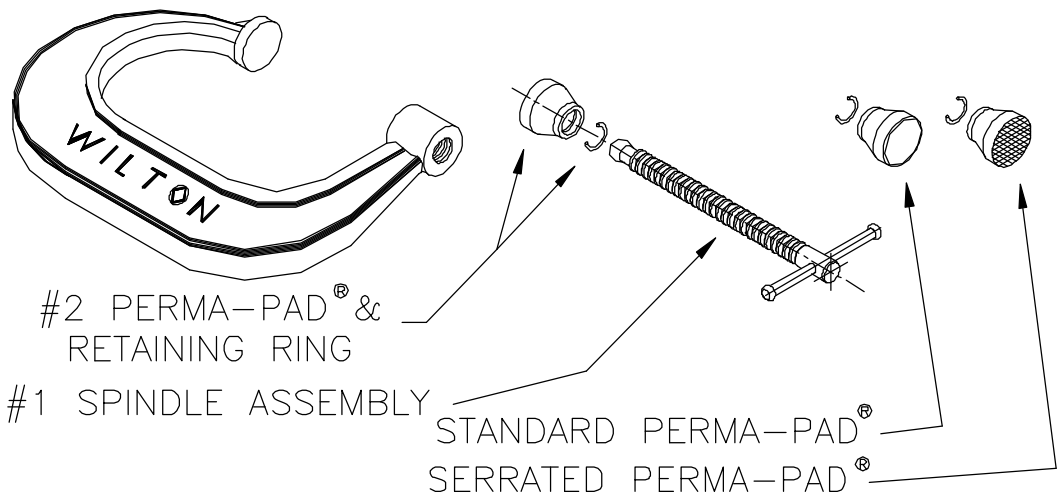
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
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406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
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WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
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410 STG & 412 STG	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340	COPPER PLATED SPINDLES AND SERRATED PADS								
408-P	1700210	2901340	4404 SEP	1700160	2907740						
410-P	1700210	2901340	4406 SEP	1700180	2907740						
412-P	1700230	2901340	4408 SEP	1700180	2907740						

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



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RETAINING RING

#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

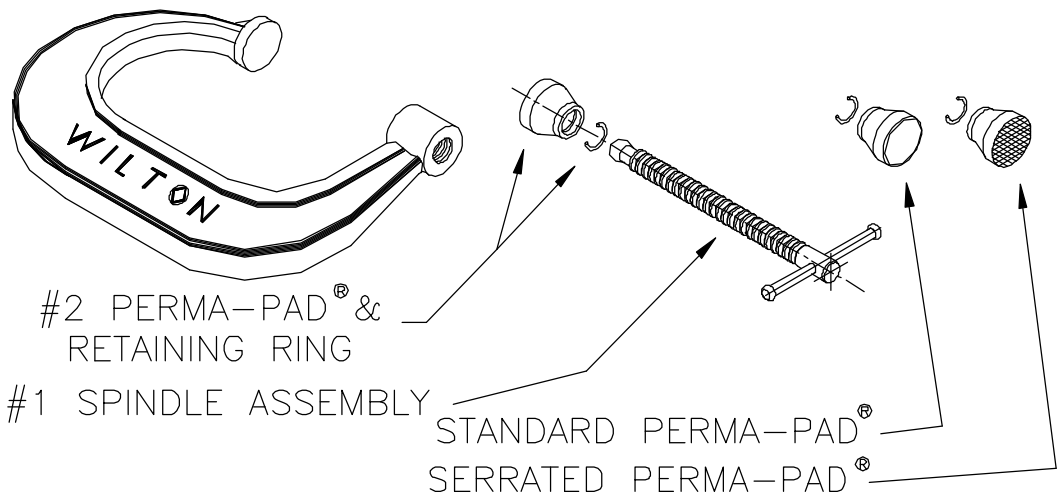
SERRATED PERMA-PAD®

CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
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WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
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406 STG & SFSG	1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & SFSG	1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & SFSG	1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
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WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340	COPPER PLATED SPINDLES AND SERRATED PADS			4404 SEP 1700160 2907740					
408-P	1700210	2901340	4406 SEP 1700180 2907740								
410-P	1700210	2901340	4408 SEP 1700180 2907740								
412-P	1700230	2901340									

WILTON C-CLAMP Replacement Parts

PERMA-PAD® REPLACEMENT PROCEDURE.
*** MUST WEAR SAFETY GOGGLES WHEN CHANGING
PERMA-PAD***

SCREW SPINDLE INTO ARM WITHOUT THE PERMA-PAD ATTACHED TO THE SPINDLE. PLACE PERMA-PAD ON A FLAT SURFACE. PUT RETAINING RING ON BALL END STEM OF SPINDLE. ASSEMBLE BALL END INTO PERMA-PAD. ANGLE SPINDLE TO ONE SIDE TO ALLOW SPACE TO PUSH ONE END OF RETAINING RING INTO THE INTERNAL GROOVE OF THE PERMA-PAD. ANGLE SPINDLE TO CAPTURE END OF RING. SLOWLY ROTATE SPINDLE ON AN ANGLE TO FORCE RING INTO SLOT. IF RING DOES NOT SNAP INTO GROOVE, USE A SMALL SCREWDRIVER TO PRESS IT DOWN INTO POSITION.



#2 PERMA-PAD® &
RETAINING RING

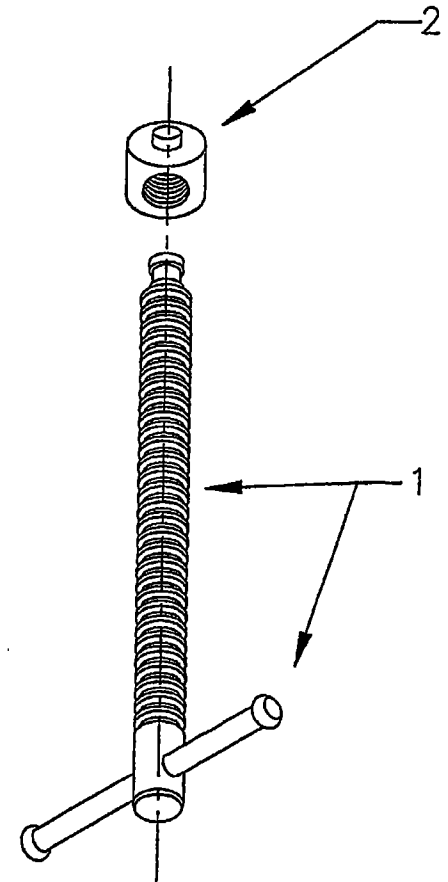
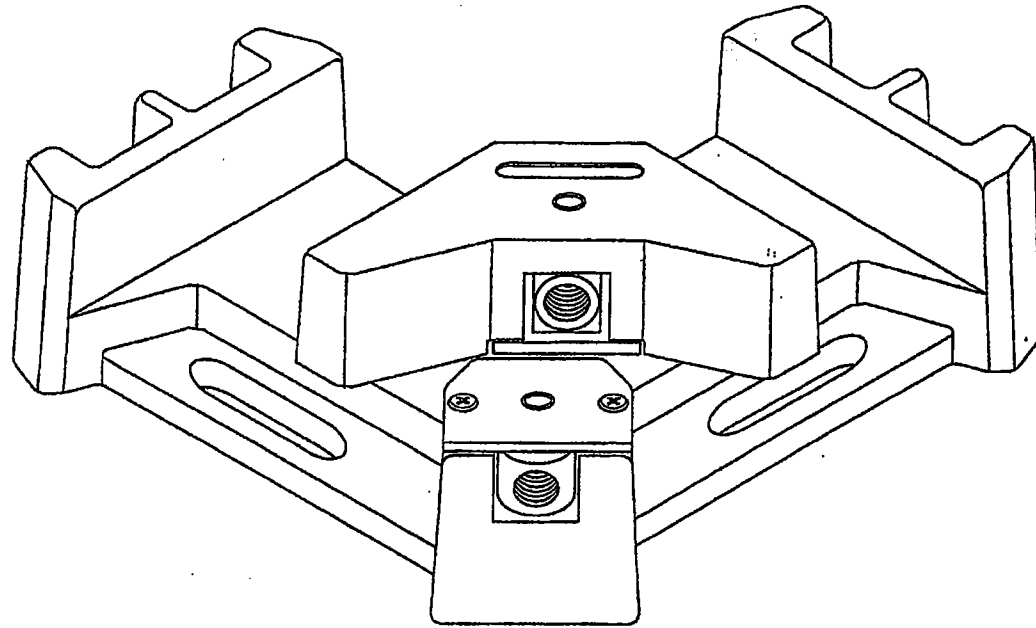
#1 SPINDLE ASSEMBLY

STANDARD PERMA-PAD®

SERRATED PERMA-PAD®

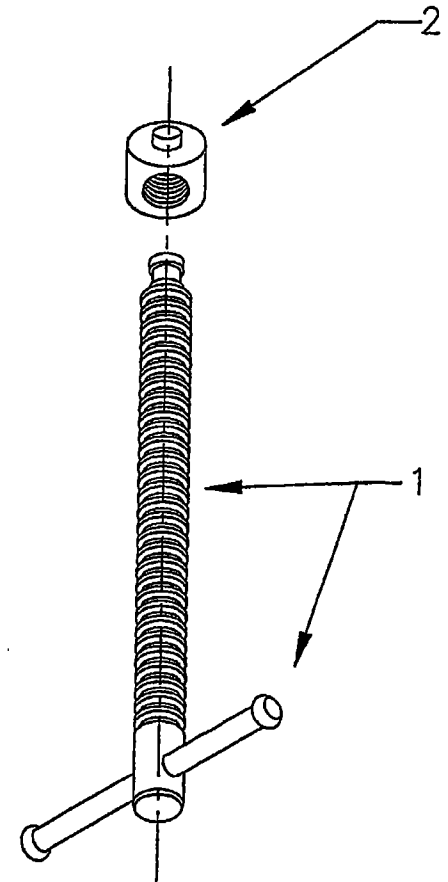
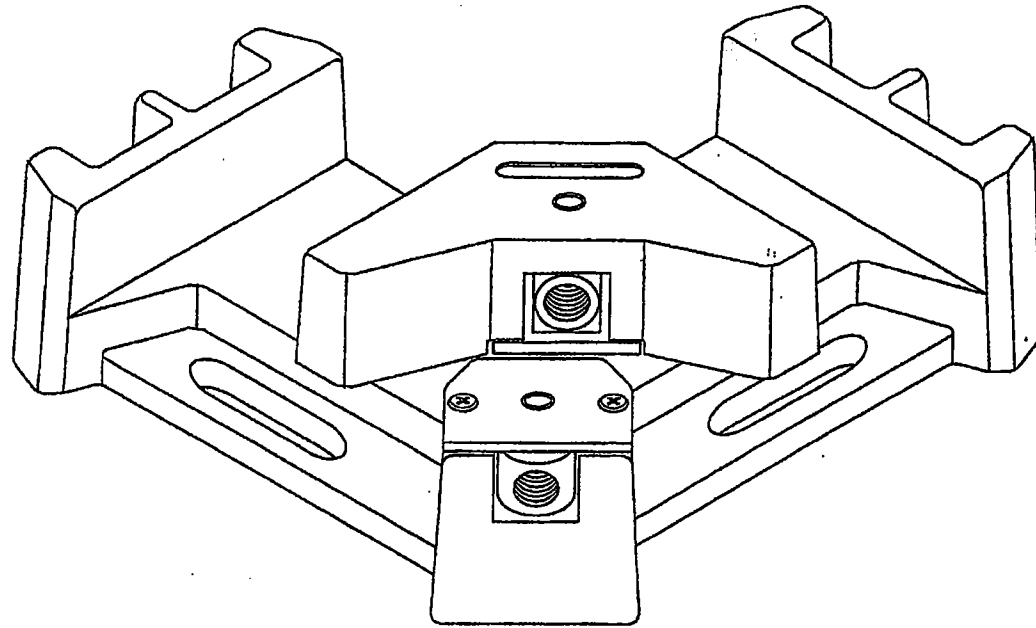
CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	ITEM #1 SPINDLE ASSEMBLY WITH RING	ITEM #2 PERMA-PAD® WITH RING	CLAMP MODEL NUMBER	SPINDLE	NO SPINDLE PAD AVAILABLE RANGE OF OPENING
WILTON "400" & "400-SF" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS			WILTON "400 SEP" SERIES C-CLAMPS REGULAR DUTY "SLIP-NOT" MODELS WITH COPPER PLATED SERRATED PAD & SPINDLE			WILTON "800" SERIES FORGED C-CLAMPS REGULAR DUTY MODELS			WILTON "0" SERIES C-CLAMPS EXTRA HEAVY DUTY MODELS DROP FORGED STEEL FRAMES		
402 & 403	402-SF 1701080	2901300	402 SEP	1701090	2907730	802	1701080	2907920	2	07142-35	0-2 3/8"
403 & 404	403-SF 1701160	2901300	403 SEP	1701110	2907730	803	1701160	2907920	3	07161-35	0-3 3/8"
404 & 406	404-SF 1700150	2901310	404 SEP	1700160	2907740	804	1700750	2901320	4	07147-35	0-4 1/2"
406 & 408	406-SF 1700170	2901310	406 SEP	1700180	2907740	806	1700740	2901320	5	07147-35	1-5 1/2"
408 & 410	408-SF 1700190	2901310	408 SEP	1700210	2907740	808	1700190	2907930	6	07181-35	1 5/8-6 1/2"
410 & 412	410-SF 1700190	2901310	410 SEP	1700210	2907740	810	1700190	2907930	8	07181-35	3 5/8-8 1/2"
412 & 412	412-SF 1700220	2901310	412 SEP	1700230	2907740	812	1700630	2907930	10	07181-35	5 5/8-10 1/2"
									12	07181-35	7 7/8-12 1/4"
WILTON "400 STG" & "400 SFSG" SERIES C-CLAMPS, REGULAR DUTY MODELS WITH WILTON-GRIP HANDLES*			WILTON "100" SERIES FORGED C-CLAMPS HEAVY DUTY MODELS			WILTON "800-P" SERIES FORGED C-CLAMPS, REGULAR DUTY MODELS WITH COPPER PLATED PADS AND SPINDLES			WILTON "0" SERIES EXTRA HEAVY DUTY DROP FORGED STEEL FRAMES WITH FULL CLOSING SPINDLES		
402 STG & 403 STG	SFSG 1701080	2901300	102	1700010	2901300	802-P	1701090	2901400	0 FC	20201-35	0-3/4"
403 STG & 404 STG	SFSG 1701160	2901300	103	1700020	2901300	803-P	1701110	2901400	1 FC	20202-35	0-1 7/16"
404 STG & 406 STG	SFSG 1700150	2901310	104	1700030	2901310	804-P	1701370	2901350	1-1/2FC	20203-35	0-1 7/8"
406 STG & 408 STG	SFSG 1700170	2901310	106	1700030	2901310	806-P	1701380	2901350	2 FC	07142-35	0-2 3/8"
408 STG & 410 STG	SFSG 1700190	2901310	108	1700030	2901310	808-P	1700210	2901410	3 FC	07161-35	0-3 3/8"
410 STG & 412	SFSG 1700190	2901310	110	1700030	2901310	810-P	1700210	2901410	4 FC	07147-35	0-4 1/2"
			112	1700030	2901310	812-P	1701420	2901410	5 FC	07162-35	0-5 1/2"
									6 FC	07149-35	0-6 1/2"
									8 FC	07150-35	0-8 1/2"
									10 FC	07151-35	0-10 1/2"
									12 FC	07152-35	0-12 1/4"
WILTON "400-P" SERIES C-CLAMPS REGULAR DUTY, EXTRA DEEP THROAT WITH COPPER PLATED PADS & SPINDLES			WILTON SQUARE THROAT FORGED C-CLAMPS, STANDARD DUTY MODELS			COPPER PLATED SPINDLES AND SERRATED PADS			* REPLACEMENT SPINDLE ASSEMBLY DOES NOT INCLUDE WILTON-GRIP HANDLES.		
402-P	1701090	2901330	4404	1700150	2901310						
403-P	1701110	2901330	4406	1700170	2901310						
404-P	1700160	2901340	4408	1700170	2901310						
406-P	1700180	2901340	COPPER PLATED SPINDLES AND SERRATED PADS			4404 SEP 1700160 2907740					
408-P	1700210	2901340	4406 SEP 1700180 2907740			4408 SEP 1700180 2907740					
410-P	1700210	2901340									
412-P	1700230	2901340									

90° ANGLE CLAMP Replacement Parts



WILTON MODEL NUMBER	BASIC MITER CAPACITY	BASIC JAW HEIGHT	BASIC JAW LENGTH	ITEM #1 THREADED SPINDLE	ITEM #2 THREADED PIVOT NUT
AC-325	3-11/32"	1-3/8"	4-1/8"	3073621	3073601
AC-326	4-3/8"	2-3/8"	4-1/8"	3073711	3073691

90° ANGLE CLAMP Replacement Parts

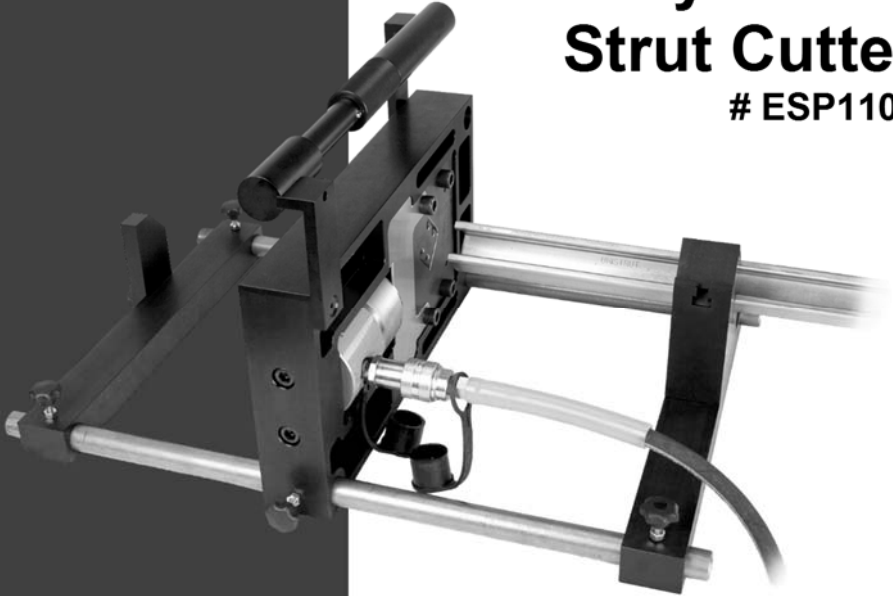


WILTON MODEL NUMBER	BASIC MITER CAPACITY	BASIC JAW HEIGHT	BASIC JAW LENGTH	ITEM #1 THREADED SPINDLE	ITEM #2 THREADED PIVOT NUT
AC-325	3-11/32"	1-3/8"	4-1/8"	3073621	3073601
AC-326	4-3/8"	2-3/8"	4-1/8"	3073711	3073691



Operating Instructions & Service Parts Manual

Hydraulic Strut Cutter # ESP1100



Record purchase information for quick reference:

Stock No.:
Serial No.:
Purchased from:
Date purchased:

WILTON
427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-373-8206
www.wilontools.com

Manual No. M-ESP1100
Edition 2
04/2017

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1.0 IMPORTANT SAFETY INSTRUCTIONS

WARNING – To reduce risk of injury:

1. Read and understand all warnings posted on the tool and in this manual. Failure to comply with all of these warnings may cause serious injury.
2. Do not use this strut cutter for other than its intended use.
3. Replace warning labels if they become obscured or removed.
4. Make sure the Wilton Strut Cutter is properly supported by the rods or handle pieces, so that it will not tip over during use.
5. Keep ground or floor around the tool uncluttered and free of scrap material, oil and grease. Wear non-slip footwear.
6. Always wear protective eye wear when operating machinery. Eye wear shall be impact resistant, protective safety glasses with side shields which comply with ANSI Z87.1 specifications. Use of eye wear which does not comply with ANSI Z87.1 specifications could result in severe injury from breakage of eye protection.
7. Wear gloves when handling steel work pieces to prevent possible injury from sharp edges.
8. Keep hands away from cutting area during operation.
9. **CALIFORNIA PROPOSITION 65 WARNING:** This product contains chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.

10. This product, when used for welding, cutting, or working with metal, produces fumes, gases, or dusts which contain chemicals known to the State of California to cause birth defects and, in some cases, cancer. (California Health and Safety Code Section 25249.5 et seq.)
11. Always inspect the Strut Cutter before use. Check for misalignment of moving parts, binding of moving parts, breakage of parts, mounting and any other conditions that may affect the tool's operation. If damage is found, repair the tool immediately or replace it.
12. Disconnect from power/hydraulic source before performing any maintenance or cleaning.
13. Have tool serviced only by qualified personnel, using authorized replacement parts.
14. Provide for adequate space surrounding work area and sufficient lighting.
15. Do not use this tool while tired or under the influence of drugs, alcohol or medication.
16. Keep bystanders, especially children, away from the area while using the tool.
17. Give your work undivided attention. Looking around, carrying on a conversation and "horse-play" are careless acts that can result in serious injury.
18. Maintain a balanced stance at all times. Do not overreach while performing the work.
19. Do not use power tools in damp or wet location, or expose them to rain.

Familiarize yourself with the following safety notices used in this manual:



WARNING This means that if precautions are not heeded, it may result in serious, or even fatal, injury.



CAUTION This means that if precautions are not heeded, it may result in minor injury and/or possible tool damage.

2.0 About this tool

The WILTON Strut Cutter is a portable hydraulic tool designed to quickly cut common U.S. manufactured brand struts in 12-, 14-, and 16-gauge mild steel. A single set of blades will provide thousands of clean, even cuts, eliminating the need for deburring. Contact WILTON for special application blade and hydraulic sets. This product has been designed and constructed to provide consistent long-term operation, if used in accordance with instructions as set forth in this document. **NOTE:** *This tool is not designed for use with fiberglass, aluminum, or stainless steel struts.*

Register your product using the mail-in card provided, or register online:

<http://www.wiltontools.com/us/en/service-and-support/warranty/registration/>

3.0 About this manual

This manual covers operation and maintenance procedures for the WILTON Strut Cutter. It contains instructions on setup, safety precautions, general operating procedures, maintenance instructions and parts breakdown.

If there are questions or comments, please contact your local supplier or WILTON. WILTON can also be reached at our web site: www.wiltontools.com.

Retain this manual for future reference. If the tool transfers ownership, the manual should accompany it.

4.0 Specifications

Model		Wilton Strut Cutter
Stock number		ESP1100
Cutting cycle		3 seconds
Required power supply (not provided)		10,000 PSI hydraulic
Standard die set	Deep strut	1-5/8 x 1-5/8 in. (41.3 x 41.3 mm)
	Shallow strut	1-5/8 x 13/16 in. (41.3 x 20.6 mm)
Maximum capacity		12 gauge mild steel
Cylinder linear force		25 tons
Cylinder stroke		1 in. (25.4 mm)
Main unit material		7075-T651 Black anodized aluminum
Bade set material		S7 heat treated steel
Recommended hydraulic fluid (not provided)		ASTM 215, or equivalent
Assembled dimensions with handle (LxWxH)		17 x 5.5 x 13 in. (431.8 x 139.7 x 330.2 mm)
Shipping dimensions (LxWxH)		18 x 15 x 9 in. (8.1 x 6.8 x 4 kg)
Net weight		63.5 lb. (28.8 kg)
Shipping weight		67 lb. (30.4 kg)

Table 1

L = length, W = width, H = height

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Wilton reserves the right to change specifications at any time and without prior notice, without incurring obligations.



WARNING Read and understand the entire contents of this manual before attempting setup or operation of the Strut Cutter. Failure to comply may cause serious injury.

5.0 Setup and Assembly

5.1 Shipping contents

See Figure 1.

- 1 Main unit with hydraulic cylinder and coupling
- 1 Collapsible handle system
- 1 Material rest assembly
- 1 Back stop assembly
- 1 Blade set (installed on main unit)
- 7 Star knobs
- 2 Guide rods 16 in.
- 1 Instructions and parts manual
- 1 Product registration card

Remove all contents from shipping carton, and check for shipping damage or missing parts. If either of these is discovered, contact your dealer or Wilton at the phone number on the cover.



Figure 1: contents

5.2 Handle system

The handle system can be used for carrying the main unit (Figure 1), or as supports during cutting (Figure 2).

To install handle assembly for carrying, place pins of long and short handles into holes on main unit, as shown in Figure 1. Slide knurled collar past ball plunger onto opposite handle to secure. Reverse procedure to collapse handle assembly.

For supports during cutting of lighter gauge (16ga.) material, position handle pieces on opposite sides as shown in Figure 2. Install knobs securely and tighten hex nuts against main unit to prevent knobs from backing out.



CAUTION Supports must be used while operating the Wilton Strut Cutter, to prevent unit from tipping.



Figure 2: handles used as supports

5.3 Support rods

For cutting heavier 14- or 12-gauge struts, or for cutting multiple pieces to the same length:

1. Slide material rest onto the two rods, and insert rods through holes in main unit, as shown in Figure 3. Position material rest about 6 to 8 inches from, and perpendicular to, the cutting die.
2. Adjust height of material rest guide block (1/4-inch hex wrench required) to allow smooth, straight line entry into cutting die. Insert strut through cutting die to test the adjustment. When satisfied, securely tighten screws and knobs.
3. For making multiple cuts to identical length, install back stop (see Figure 3). Measure from surface of cutting die to back stop; then add 3/4-inch (19mm) for final cut length.

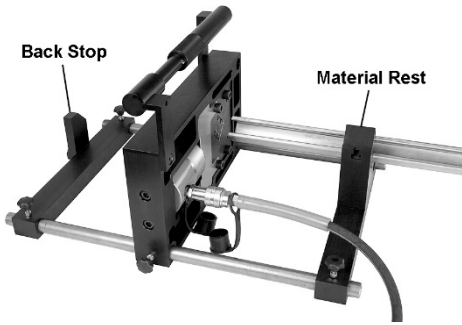


Figure 3: setup for larger materials

NOTE: If longer support is required, use 1-inch O.D. pipe or tube of greater length (not provided) and move material rest and/or back stop farther from cutting die.

6.0 Operation

1. Connect hydraulic power source (not provided) to the universal coupling on the tool. Use clean ASTM 215 or equivalent hydraulic fluid.
2. Turn on hydraulic power source and observe the tool's operation without a strut inserted. The blade set consists of a stationary blade in front and a moving shear blade in back. Watch shear blade motion from rear of tool – it should have smooth movement. When shear blade has returned to rest position, both blades should remain aligned.
3. When correct operation is verified, place strut upon material rest and slide through cutting die. See Figure 4. Make sure strut is clean and straight.

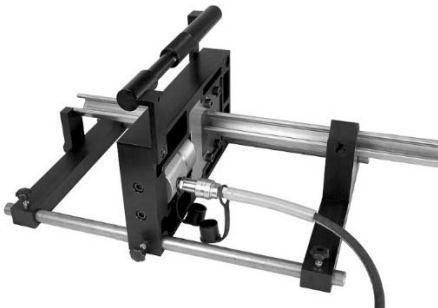


Figure 4: operation

4. Adjust to desired cut length, and activate hydraulic power source. Wait approximately 3 seconds for strut to separate.
5. Release hydraulic pressure to allow blade to return to rest position. Remove cutoff piece from back of unit before making additional cuts.

7.0 User-maintenance

WARNING Disconnect from power/hydraulic source before performing any cleaning or maintenance of the unit.

Periodically apply a light coat of machine oil to exposed metal areas, such as rods, to inhibit rust.

Periodically inspect tightness of socket head screws which secure cutting die to main unit.

If cutting becomes difficult, remove stationary die and clear away any shavings from cutting area, using vacuum or brush. Do not use bare hands.

7.2 Additional servicing

Any additional servicing should be performed by authorized service personnel.

8.0 Compatibility chart

The Wilton Strut Cutter is compatible with the following products. Contact Wilton for custom blade sets.

Brand	Blade part no.	Compatible strut
Unistrut®	ESP1159 (standard)	P1000, P1000T, P1000SL, P1000HS, P1000H3, P4100, P4100T, P4100SL, P4100HS, PA158
B-Line®	ESP1160	B22, B22SH, B22S, B22H17/8, B22TH, B22S58, B24, B24SH, B24S, B24H17/8, B24TH, B24S58, B52, B52SH, B52S, B52H17/8, B52TH, B52S58, B54, B54SH, B54S, B54H17/8, B54TH, B54S58,
	ESP1161	4D21
	ESP1162	4D22
Powerstrut®	custom	PS200, PS200H, PS200S, PS200EH, PS210, PS210H, PS210S, PS210EH, PS500, PS500H, PS500S, PS500EH, PS520, PS520H, PS520S, PS520EH
Superstrut®	custom	A1200, A1200HS, A1200P, A1200S, A1400, A1400HS, A1400P, A1400S, B1200, B1200HS, B1200P, B1200S, B1400, B1400HS, B1400P, B1400S
Kindorf®	Custom blade sets available	
Erico®	Custom blade sets available	

Table 2

9.0 Troubleshooting Wilton Strut Cutter

Problem	Possible cause	Remedy
Irregular cut.	Material rest not adjusted properly.	Adjust material rest so that strut is perpendicular to cutting die surface. Ensure that knobs are tightened down on rods.
	Bolts which hold blade die in frame of main unit have loosened (possibly from vibration over long-term use).	Check tightness of bolts after about every 500 cuts (3/8 in. hex wrench required).
Shear blade won't return to rest position.	Hydraulic dump valve not functioning.	Inspect and correct dump valve function on hydraulic system.
	Blade movement blocked by obstruction.	Clean debris from blade area.
	Blade return springs worn or damaged.	Inspect and replace if needed.

Table 3

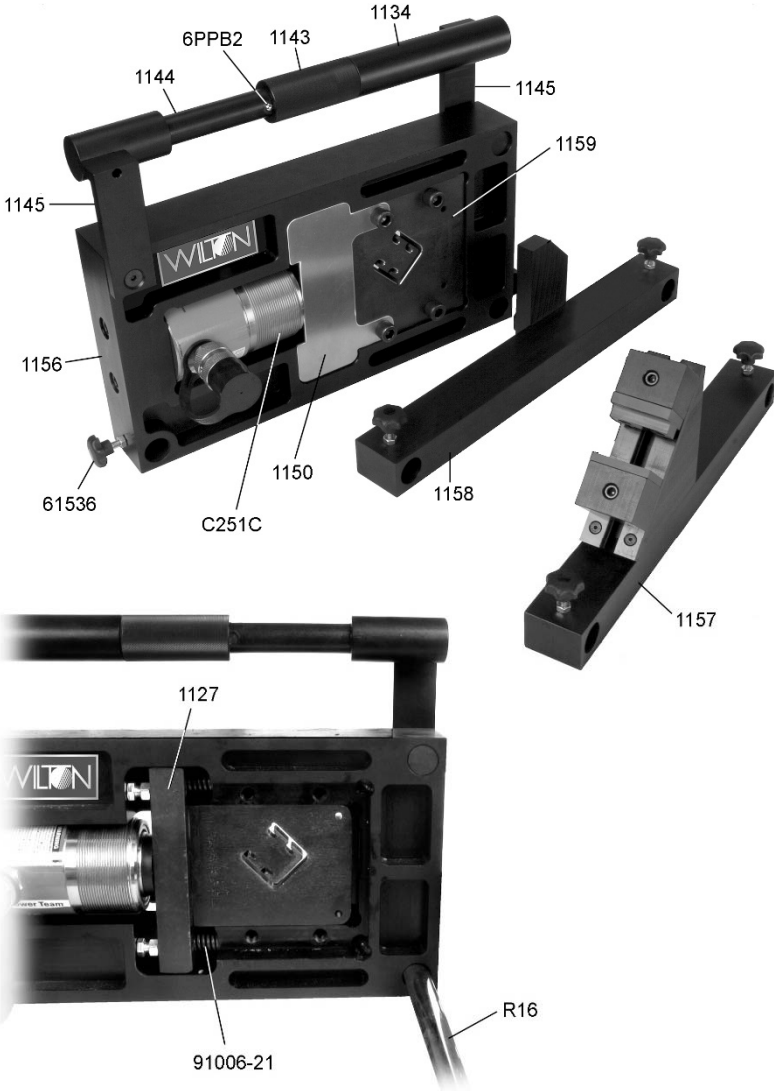
10.0 Replacement Parts

To order parts or reach our service department, call 1-800-373-8206 Monday through Friday, 8AM to 5PM CST. Having the Model Number and Serial Number of your tool available when you call will allow us to serve you quickly and accurately.

Some parts are shown for reference only, and may not be available individually.

Non-proprietary parts, such as fasteners, can usually be found at local hardware stores or may be ordered from Wilton.

10.1 ESP1100 Wilton Strut Cutter – parts breakdown



10.2 ESP1100 Wilton Strut Cutter – parts list

Part No.	Description	Qty
ESP1156	Main Body	1
ESP1127	Push Block	1
ESP1150	Safety Cover	1
ESP-91006-21	Die Spring	2
ESP-C251C	Cylinder SPX 25T	1
ESP-CL-6-PBP-2	Spring Plunger	2
LM000275	WILTON Decal	1
ESP-61536	Star Knob	7
ESP1100-R16	Guide rod Ø1 x 16 in.	2
ESP1152	Handle Set Assembly	1
	ESP1133 Handle Standoff Pin	2
	ESP1134 Handle Long	1
	ESP1143 Knurled Slider	1
	ESP1144 Handle Short	1
	ESP1145 Standoff L Bracket	2
	ESP-6PPB2 Ball Plunger Press Fit	1
ESP1157	Material Rest Assembly	1
	---- Bottom Rail, Slotted	1
	---- Angle Block 45-Degree	1
	---- Guide Block Top/Bottom	1
	---- Plastic Slide Rail 45 Degree	1
	---- Plastic Guide Plate	1
	---- Plastic T-Guide	1
	---- Star Knob (with hex nut)	2
	---- T-Nut	2
ESP1158	Back Stop Assembly	1
	---- Plastic Stop	1
	---- Bottom Rail	1
	---- Star Knob (with hex nut)	3
ESP1159	Blade Set Standard	1
	---- Blade Stationary	1
	---- Blade Moving	1

Table 4

10.3 Optional accessories

Part No.	Description
ESP-9754	Hose Kit 6'
ESP-PE302S	Power Pack SPX (includes 6' hose)
ESP1163	Material Rest Assembly 4D21/4D22
	----- T-Guide Kit 4D21/4D22
	----- Guide Block Top/Bottom 4D21/4D22
	----- Plastic Guide Plate 4D21/4D22
	----- Plastic Guide T 4D21/4D22
ESP1160	Blade Set B22/B52
	----- Blade Stationary B22/B52
	----- Blade Moving B22/B52
ESP1161	Blade Set 4D21
	----- Blade Stationary 4D21
	----- Blade Moving 4D21
ESP1162	Blade Set 4D22
	----- Blade Stationary 4D22
	----- Blade Moving 4D22

Table 5

11.0 Warranty and Service

Wilton® warrants every product they sell against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-373-8206, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official Wilton branded website.

- Wilton products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

How to Get Technical Support

Please contact Technical Service by calling 1-800-373-8206. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. Wilton has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the Wilton website.

More Information

Wilton is consistently adding new products. For complete, up-to-date product information, check with your local distributor or visit the Wilton website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

WILTON LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WILTON SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Wilton sells through distributors only. The specifications listed in Wilton printed materials and on official Wilton branded website are given as general information and are not binding. Wilton reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

Product Listing with Warranty Period

90 Days – Parts; Consumable items
1 Year – Wilton Strut Cutter

NOTE: Wilton is a division of JPW Industries, Inc. References in this document to Wilton also apply to JPW Industries, Inc., or any of its successors in interest to the Wilton brand.



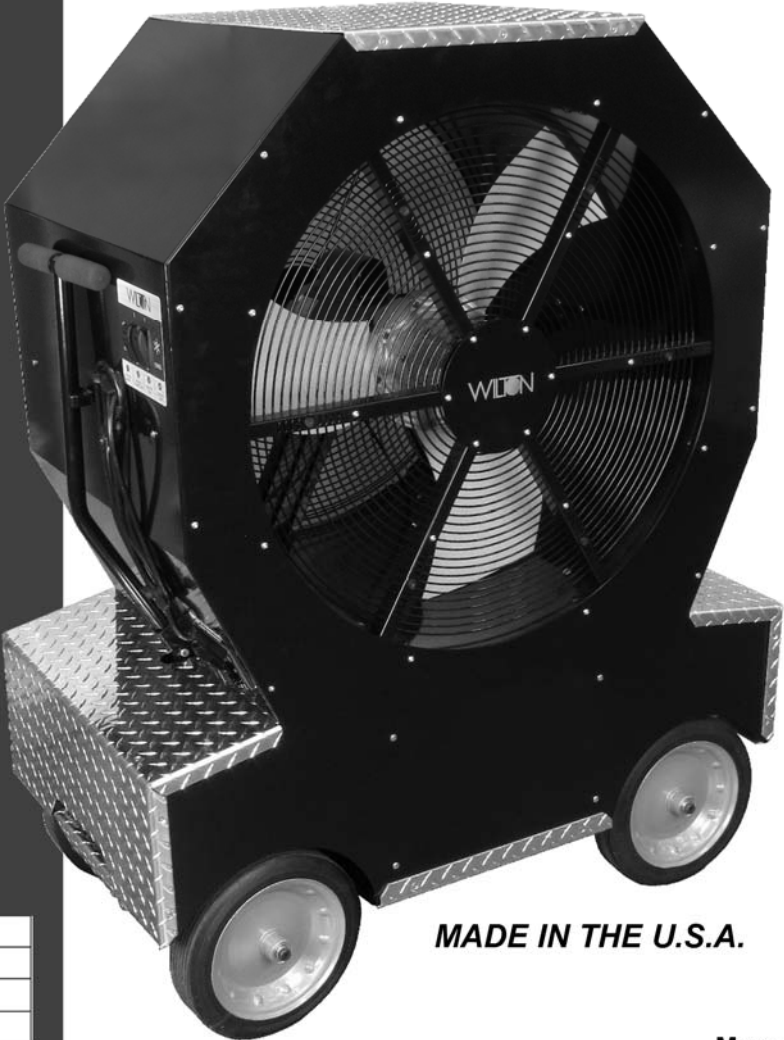
427 New Sanford Road
LaVergne, Tennessee 37086
Phone: 800-373-8206
www.wiltontools.com



Operating Instructions & Service Parts Manual

COLD FRONT™ Atomized Cooling Fan

Model WACF-3037
#28900



MADE IN THE U.S.A.

Stock No.:	
Serial No.:	
Purchased from:	
Date purchased:	

WILTON
427 New Sanford Road
LaVergne, Tennessee 37086
Ph.: 800-274-6848
www.wiltontools.com

Manual No. M-28900
Edition 2
08/2017

Copyright © 2017 WILTON



1.0 IMPORTANT SAFETY INSTRUCTIONS

WARNING – To reduce risk of fire, electric shock, or injury:

1. Read and understand all warnings posted on the machine and in this manual. Failure to comply with all of these warnings may cause serious injury.
2. Do not use this cooling fan for other than its intended use.
3. Replace warning labels if they become obscured or removed.
4. Keep ground or floor around the machine uncluttered and free of scrap material, oil and grease. Wear non-slip footwear.
5. Disconnect from power source before performing any maintenance or cleaning.
6. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
7. Have machine serviced only by qualified personnel, using authorized replacement parts.
8. Keep children away from area where Cooling Fan is being operated.
9. Do not pull this unit by the power cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
10. Do not mount this fan to, or suspend it from, a wall or ceiling.
11. Do not stack fan units.
12. Do not allow any object to enter the screen guard and fan area during operation, as it may cause damage to machine and potential injury to bystanders.
13. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
14. Do not obstruct the misting nozzles.
15. Unplug machine from outlet when not in use and before servicing.
16. Do not use this Cooling Fan in flammable or explosive environments, or around hazardous materials.
17. Do not store the Cooling Fan outdoors.
18. Do not use this unit with a damaged cord or plug. If the unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
19. Do not stand on the machine. Serious injury could occur if the machine tips over.
20. Use wheel blocks in addition to applying the brake pedal when operating the unit on inclines or uneven terrain.

SAVE THESE INSTRUCTIONS

Familiarize yourself with the following safety notices used in this manual:



This means that if precautions are not heeded, it may result in minor injury and/or possible machine damage.



This means that if precautions are not heeded, it may result in serious, or possibly even fatal, injury.

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3.0 About this machine and manual

The WACF-3037 Wilton COLD FRONT™ is designed for areas more than 3,000 square feet. Its hydro-pneumatic system atomizes water into very fine particles which evaporate instantly in the high-velocity airstream, reducing the temperature of the expelled air to create an immediate cooling effect. The absence of conventional pads, and its micro-atomization of the water means lower risk of clogging and less need for maintenance. The low-pressure pump contributes to energy efficiency.

This manual covers operation and maintenance procedures for the Wilton COLD FRONT. It contains instructions on setup, safety precautions, general operating procedures, maintenance instructions and service parts information. Your machine has been designed and constructed to provide consistent, long-term operation if used in accordance with the instructions set forth in this document.

If there are questions or comments, please contact your local supplier or Wilton. Wilton can also be reached at our web site: www.wiltontools.com. Retain this manual for future reference. If the machine transfers ownership, the manual should accompany it.

Register your product using the mail-in card provided, or register online: <http://www.wiltontools.com>

⚠WARNING Read and understand the entire contents of this manual before attempting assembly or operation! Failure to comply may cause serious injury!

4.0 Specifications

Model	WACF-3037 COLD FRONT™
Stock number	28900
Fan motor	(UR,CSA), 0.5HP, single phase, 60Hz, 115VAC, 6.4A, 1100RPM, thermally protected
Air compressor	(UR-c/us), 330W, 115VAC, 60Hz, 3A
Water pump	(VDE, ETL, CQC), 25W, 120VAC, 60Hz, .208mA, protected by water tank float switch
Optimal air pressure	30 PSI (2 kg/cm ²)
Power draw	1200W, 120VAC, 60 Hz, 10A
Power cable	(UL) SJTW 3/C, 14AWG, 300V, 6'9" length, 120V plug installed
Auxiliary dual receptacle	120V with GFCI, 5A max. output
Fan speed	1100 RPM
Fan diameter	30 in. (76.2 cm)
Air velocity	20 mph (32 kph)
Air delivery	8462 CFM (14377 m ³ /hr)
Water tank capacity	19 gal. (71.9 L), 10 hrs. operation before refill
Wheels	Aluminum rims, rubber tires Ø12 in. x W 3in. (305 x 76 mm)
Main enclosure	16ga. galvanized steel, powder-coat finish, with 8ga. aluminum diamond plates
Chassis	11ga. steel
Overall dimensions LxWxH	45 x 24 x 56 in. (114 x 62 x 142 cm)
Net weight	335 lbs. (152 kg)

Table 1

L = length, W = width, H = height Ø = diameter

CFM = cubic foot per minute

PSI = pounds per square inch

GFCI = ground fault circuit interrupter

The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Wilton reserves the right to change specifications at any time and without prior notice, without incurring obligations.

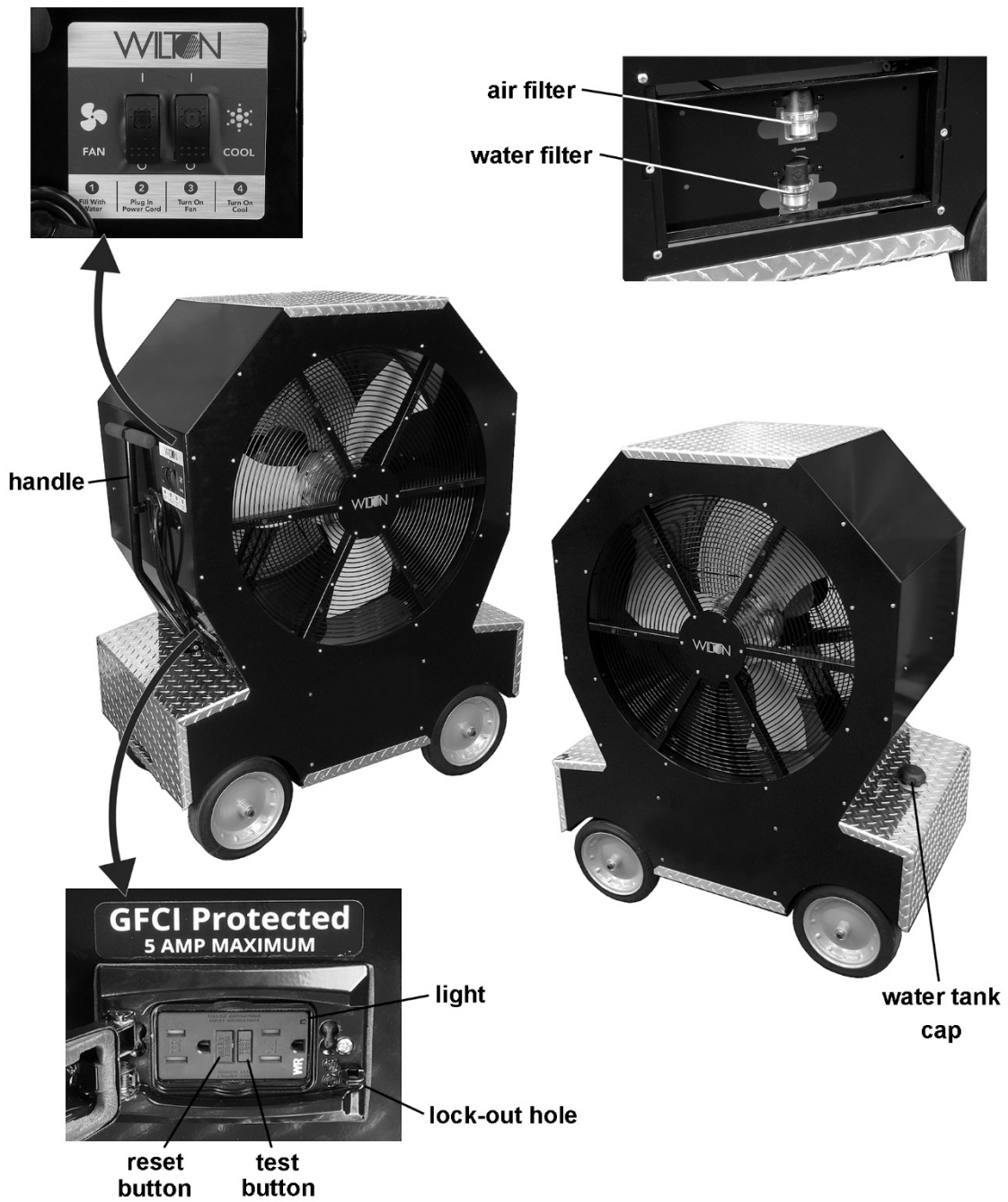


Figure 5-1

⚠WARNING Read and understand the entire contents of this manual before attempting to operate the Cooling Fan. Failure to comply may cause serious injury.

5.0 Setup and operation

No assembly is required for the Cooling Fan.

Remove Cooling Fan from shipping container and inspect it. If any shipping damage is discovered, immediately contact your dealer or Wilton at the phone number on the cover. Do not discard any shipping materials until Cooling Fan is set up and operating correctly.

5.1 Shipping contents

- 1 Cooling Fan
- 1 Instructions and parts manual
- 1 Product registration card

5.2 Operation

Refer to Figure 5-1.

1. Make sure tank drain plug is tight (located beneath chassis).
2. Unscrew tank cap, fill tank with clean, potable water, and reinstall cap.
3. Pull handle downward from clip, steer unit into position, then return handle to clip.
4. Push brake pedal all the way down to lock wheels in place. (Also use wheel blocks if on an incline or uneven terrain.) To release brake, place foot below pedal and push upward.
5. Connect the plug to the power source. **Make sure power source matches the electrical specifications of the Cooling Fan.** (When not in use, wrap the power cord around the provided holders.)
6. Press FAN switch to on (I) position to activate fan. Allow fan to run approximately 30 seconds, then press COOL switch to activate misting feature.
7. The COOL switch independently controls the misting system. Turn off FAN switch to stop both fan and misting. Some misting may continue for a few moments during depressurization.

5.3 Safeguards

The fan motor has a thermal protector, which will automatically open the circuit (shut off machine) if the motor overheats. If this occurs, immediately turn off the switches, wait for unit to cool down, then use switches to restart. **CAUTION:** If the switches are

left on, the fan will start immediately once unit has cooled down sufficiently.

A float switch in the tank will shut off the air compressor and water pump if water level falls below threshold. Fill tank to continue operating.

5.4 GFCI test

1. Plug cord into power source. Green light on GFCI receptacle will illuminate.
2. Press FAN switch to on (I) position.
3. Press TEST button on GFCI. Light will go out and fan will stop working.
4. Press RESET button on GFCI. Light will illuminate and fan will restart.
5. The GFCI is functioning properly.

To prevent unauthorized access to GFCI receptacle, close cover and insert padlock (not provided) through lock-out holes.

6.0 Electrical connections

⚠WARNING All electrical connections must be done by a qualified electrician in compliance with all local codes and ordinances. Failure to comply may result in serious injury.

The Cooling Fan is rated at 115-volt power only, and is supplied with a plug designed for use on a circuit with a *grounded outlet* that looks like the one pictured in Figure 6-1.

Before connecting to power source, be sure switch is in *off* position.

It is recommended that the Cooling Fan be connected to a dedicated 15 amp circuit with circuit breaker or fuse. Local codes take precedence over recommendations.

6.1 GROUNDING INSTRUCTIONS

This machine must be grounded. In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

⚠WARNING Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded. Failure to comply may cause serious or fatal injury.

Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.

Repair or replace damaged or worn cord immediately.

This machine is for use on a nominal 120-V circuit, and has a grounded plug that looks like the plug illustrated in sketch A in Figure 6-1. A temporary adaptor that looks like the adaptor illustrated in sketch B may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code, C22.1.

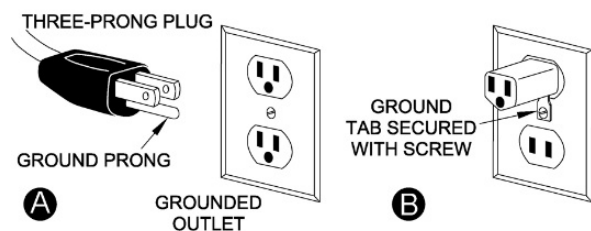


Figure 6-1

6.2 Extension cords

The use of extension cords is discouraged; try to position machines near the power source. If an extension cord is necessary, make sure it is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and

overheating. Table 2 shows correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

Extension Cord Recommended Gauges (AWG)						
Amps	Extension cord length *					
	25 feet	50 feet	75 feet	100 feet	150 feet	200 feet
< 5	16	16	16	14	12	12
5 to 8	16	16	14	12	10	NR
8 to 12	14	14	12	10	NR	NR
12 to 15	12	12	10	10	NR	NR
15 to 20	10	10	10	NR	NR	NR
21 to 30	10	NR	NR	NR	NR	NR

*based on limiting the line voltage drop to 5V at 150% of the rated amperes.

NR = Not Recommended.

Table 2

7.0 User-maintenance

⚠WARNING Disconnect (unplug) from power source before performing any cleaning or maintenance of the unit, unless indicated otherwise.

7.1 Tools required

Cross-point (Phillips) screwdriver
T20 Torx head driver (for pan head screws)
T25 Torx head driver (for flat head screws)

7.2 General cleaning

- Do not use solvents or harsh chemicals on the cooling fan when cleaning.
- Keep air compressor fan housing clear of dust; blow out with compressed air if needed.
- Annually drain and clean water tank. Drain plug is located beneath tank – unscrew to remove.
- If cooled air produces moldy or stale odor, drain water from tank. Place approximately 10 drops of unscented chlorine bleach into 2 gallons of clean water, and pour mixture into tank. Operate fan and misting system until air compressor and water pump shut off. Drain any remaining bleach mixture from the tank. Refill tank with clean water (no mixture) and operate normally.

NOTE: Undiluted vinegar may be used instead of bleach.

- If an individual nozzle is blocked, remove post (A, Figure 7-1), push blue rings (B) to pull out hoses, and remove entire nozzle unit (C). Soak nozzle unit in vinegar. Reinstall nozzle unit and test.

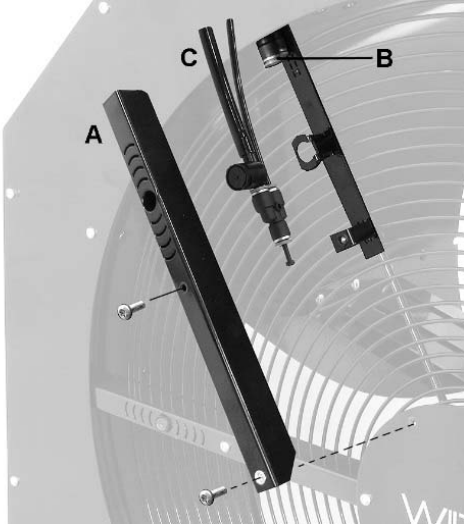


Figure 7-1

7.3 Cleaning filters

Inspect air and water filters annually (see Figure 5-1). Remove back panel to access them. Top filter is for air, bottom filter for water. Arrow on unit shows direction of flow.

Unscrew cup to remove filter mesh. Rinse any debris from mesh with clean water or vinegar. Reinsert mesh and reinstall cup onto filter body.

7.4 Brake adjustment

Brake function has been set by the manufacturer. If further adjustment is needed:

1. Remove lower end panel.

2. Loosen (do not remove) four hex cap screws (D, Figure 7-2).
3. Turn pan head screws (E) equally.
4. Retighten hex cap screws (D).

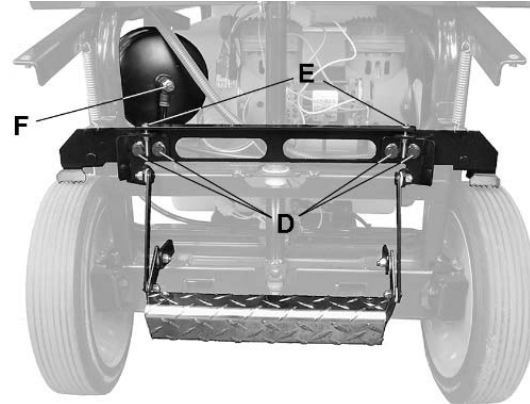


Figure 7-2

7.5 Air pressure valve

The (brass) pressure *release* valve at rear of air tank has been set by the manufacturer for the desired 30 PSI and should not require adjustment.

The pressure *output* valve at opposite end of air tank has been set by the manufacturer but can be adjusted by the user if needed. Loosen knurled nut and turn knob (F, Figure 7-2) to change setting. Tighten knurled nut to secure setting.

7.6 Additional servicing

Any additional servicing should be performed by authorized service personnel.

8.0 Troubleshooting Wilton WACF-3037 COLD FRONT™

Problem	Possible cause	Remedy *
Fan motor will not start.	No incoming current.	Check connections at plug or circuit panel.
	GFCI on machine has tripped.	Push RESET on GFCI receptacle.
	Low voltage.	Check power line for proper voltage.
	Open circuit in motor or loose connection.	Inspect switch and motor for loose or open connections.
	Faulty start switch.	Inspect and replace switch if needed.
	Faulty start capacitor.	Replace capacitor.
	Faulty motor.	Inspect and replace motor if needed.
Fan motor will not start: fuse blows or circuit breaker trips.	Too many machines on shared circuit.	Connect unit to dedicated circuit.
	GFCI on machine has tripped.	Push RESET on GFCI receptacle.
	Short circuit in line cord or plug.	Inspect cord or plug for damaged insulation and shorted wires.
	Short circuit in motor or loose connections.	Inspect all connections on motor for loose or shorted terminals or worn insulation.
	Incorrect fuse or circuit breaker in power line.	Install correct fuse or circuit breaker at power source.
Motor overheats.	Motor overloaded.	Allow to cool, then restart.
Thermal protector trips frequently.	Incorrect fuse or circuit breaker in power line.	Install correct fuse or circuit breaker at power source.
	Fan used for extended periods of time, motor overheats.	Allow to cool, then restart.
Loud noise or vibrations coming from machine.	Loose fasteners.	Inspect machine and tighten all fasteners.
	Fan is loose or imbalanced.	Inspect and tighten/repair.
Not cooling, or unsatisfactory misting effect.	Tank empty, float switch activated.	Fill with clean water.
	Water filter clogged.	Clean out filter.
	Nozzles obstructed.	Clean nozzles with weak acid solution, such as white vinegar. Inspect water system and hoses for impurities and blockages. Use clean water.
	Leak in water system.	Locate source of leak, replace seals.
	Water pump defective.	Inspect and replace if needed.
	Cooling switch defective.	Inspect and replace if needed.
Poor atomization of water, large droplets or nozzles streaming water.	Insufficient startup power provided to air compressor.	Turn fan on first and allow it to reach full speed, then turn on Cooling.
	Diminished air flow.	Run only fan for a short time, then turn on Cooling switch.
	Clogged air filter.	Clean out air filter.
	Nozzles or air hoses obstructed.	Clean nozzles with weak acid solution, such as white vinegar. Inspect air system and hoses for blockages. Use clean water.
	Cooling used for extended periods of time, air compressor overheats.	Allow to cool, then restart.
	Unstable power source, causing compressor to shut off while fan and water remain running.	Use stable power source.

***WARNING:** Some remedies may require a qualified electrician.

9.0 Replacement Parts for WACF-3037 COLD FRONT™

To order parts or reach the Wilton service department, call 1-800-274-6848 Monday through Friday, 8:00 a.m. to 5:00 p.m. CST. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately.

Non-proprietary parts, such as fasteners, can be found at local hardware stores or may be ordered from Wilton.

Part No.	Description
WACF-10101	FAN MOTOR (SINGLE SPEED, .5HP, 1100RPM)
WACF-10102	FAN BLADE ASSEMBLY (GREEN, SICKLE SHAPE)
WACF-10200	AIR COMPRESSOR (3.2 CFM, 35.5 PSI)
WACF-10301	WATER PUMP (200 CC/MIN, 3.5 BAR, 120 VAC)
WACF-10401	WATER TANK (19 GAL)
WACF-10401D	DRAIN PLUG (FOR WATER TANK)
WACF-10401F	FILL CAP (FOR WATER TANK)
WACF-10402	FITTING, 6MM X 1/4 NPT
WACF-10403	LIQUID LEVEL SWITCH
WACF-10606	ACCESSORY OUTLET (GFCI PROTECTED)
WACF-10607	WEATHERPROOF COVER (FOR OUTLET)
WACF-10608	ROCKER SWITCH (GREEN, FOR FAN)
WACF-10609	ROCKER SWITCH (BLUE, FOR COOLING)
WACF-10703	POWER CORD WRAP KNOB
WACF-10801	FRONT FAN GUARD
WACF-10802	REAR FAN GUARD
WACF-10901	HANDLE GRIP
WACF-10903	GRIPPER CLIP (FOR STEERING HANDLE)
WACF-10904	WHEEL (12" DIA, SOLID TIRE)
WACF-11000A	AIR FILTER ASSEMBLY (8MM IN, 8MM OUT)
WACF-11000W	WATER FILTER ASSEMBLY (8MM IN, 6MM OUT)
WACF-11004	MESH STRAINER (40 MICRON, FOR FILTERS)
WACF-11005	CLEAR BOWL (FOR FILTERS)
WACF-11100	NOZZLE ASSEMBLY
WACF-20110	WHEEL BOLT (.5" DIA, 3.5" LONG)
WACF-20121	SCREW, 10-24 x .75", T25 PAN HEAD, SS
WACF-20122	SCREW, 10-24 x .75", PHIL TRUSS HEAD, SS
WACF-20123	SCREW, 10-24 x .75", T20 FLAT HEAD, SS
WACF-60103	FILTER ACCESS PANEL

10.0 Warranty and service

Wilton® warrants every product they sell against manufacturers' defects. If one of our tools needs service or repair, please contact Technical Service by calling 1-800-274-6846, 8AM to 5PM CST, Monday through Friday.

Warranty Period

The general warranty lasts for the time period specified in the literature included with your product or on the official Wilton branded website.

- Wilton products carry a limited warranty which varies in duration based upon the product. (See chart below)
- Accessories carry a limited warranty of one year from the date of receipt.
- Consumable items are defined as expendable parts or accessories expected to become inoperable within a reasonable amount of use and are covered by a 90 day limited warranty against manufacturer's defects.

Who is Covered

This warranty covers only the initial purchaser of the product from the date of delivery.

What is Covered

This warranty covers any defects in workmanship or materials subject to the limitations stated below. This warranty does not cover failures due directly or indirectly to misuse, abuse, negligence or accidents, normal wear-and-tear, improper repair, alterations or lack of maintenance.

How to Get Technical Support

Please contact Technical Service by calling 1-800-274-6846. **Please note that you will be asked to provide proof of initial purchase when calling.** If a product requires further inspection, the Technical Service representative will explain and assist with any additional action needed. Wilton has Authorized Service Centers located throughout the United States. For the name of an Authorized Service Center in your area call 1-800-274-6846 or use the Service Center Locator on the Wilton website.

More Information

Wilton is consistently adding new products. For complete, up-to-date product information, check with your local distributor or visit the Wilton website.

How State Law Applies

This warranty gives you specific legal rights, subject to applicable state law.

Limitations on This Warranty

WILTON LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WILTON SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Wilton sells through distributors only. The specifications listed in Wilton printed materials and on official Wilton branded website are given as general information and are not binding. Wilton reserves the right to effect at any time, without prior notice, those alterations to parts, fittings, and accessory equipment which they may deem necessary for any reason whatsoever.

Product Listing with Warranty Period

1 Year – WACF-3037 Wilton COLD FRONT Atomized Cooling Fan

NOTE: Wilton is a division of JPW Industries, Inc. References in this document to Wilton also apply to JPW Industries, Inc., or any of its successors in interest to the Wilton brand.



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