



**TW**  
Surgical

# WIRE AND PIN IMPLANTS



**UK  
CA** **CE**



TW Surgical

Treasure Wright (U.K.) Ltd.



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## KIRSCHNER WIRE

### WIRE AND PIN IMPLANTS

Please inquire about the availability of any sizes and styles not shown in the catalog.

#### KIRSCHNER WIRES SMOOTH

LENGTH	DIAMETER AND PRODUCT NUMBER				
	.028" (.7mm)	.035" (.9mm)	.045" (1.1mm)	.054" (1.4mm)	.062" (1.6mm)

#### DOUBLE END TROCAR

4	TWS 84-2044/59	TWS 84-2044/60	TWS 84-2044/61	TWS 84-2044/62	TWS 84-2044/63
5	TWS 84-2044/64	TWS 84-2044/68	TWS 84-2044/72	TWS 84-2044/76	TWS 84-2044/77
6	TWS 84-2044/65	TWS 84-2044/69	TWS 84-2044/73	TWS 84-2044/81	TWS 84-2044/78
9	TWS 84-2044/66	TWS 84-2044/70	TWS 84-2044/74	TWS 84-2044/82	TWS 84-2044/79
12	TWS 84-2044/67	TWS 84-2044/71	TWS 84-2044/75	TWS 84-2044/83	TWS 84-2044/80

#### SINGLE TROCAR Round end

4	TWS 84-2044/84	TWS 84-2044/85	TWS 84-2044/86	TWS 84-2044/87	TWS 84-2044/88
5	TWS 84-2044/89	TWS 84-2044/90	TWS 84-2044/91	TWS 84-2044/92	TWS 84-2044/93
6	TWS 84-2044/94	TWS 84-2044/95	TWS 84-2044/96	TWS 84-2044/97	TWS 84-2044/98
9	TWS 84-2044/99	TWS 84-2045/00	TWS 84-2045/01	TWS 84-2045/02	TWS 84-2045/03
12	TWS 84-2045/04	TWS 84-2045/05	TWS 84-2045/06	TWS 84-2045/07	TWS 84-2045/08

#### DOUBLE END DIAMOND

4	TWS 84-2045/09	TWS 84-2045/10	TWS 84-2045/11	TWS 84-2045/12	TWS 84-2045/13
5	TWS 84-2045/14	TWS 84-2045/15	TWS 84-2045/16	TWS 84-2045/17	TWS 84-2045/18
6	TWS 84-2045/19	TWS 84-2045/20	TWS 84-2045/21	TWS 84-2045/22	TWS 84-2045/23
9	TWS 84-2045/24	TWS 84-2045/25	TWS 84-2045/26	TWS 84-2045/27	TWS 84-2045/28

#### SINGLE DIAMOND Round end

4	TWS 84-2045/29	TWS 84-2045/30	TWS 84-2045/31	TWS 84-2045/32	TWS 84-2045/33
9	TWS 84-2045/34	TWS 84-2045/35	TWS 84-2045/36	TWS 84-2045/37	TWS 84-2045/38
12	TWS 84-2045/39	TWS 84-2045/40	TWS 84-2045/41	TWS 84-2045/42	TWS 84-2045/43

#### SUTURE PASSER SINGLE DIAMOND With suture hole

9"	—	—	TWS 84-2045/44	—	TWS 84-2045/45
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#### KIRSCHNER WIRE FULLY THREADED

LENGTH	DIAMETER AND PRODUCT NUMBER			
	—	—	—	.062" (1.6mm)

#### DOUBLE END TROCAR

6"	—	—	—	TWS 84-2045/46
9"	—	—	—	TWS 84-2045/47

#### SINGLE TROCAR

9"	—	—	—	TWS 84-2045/48
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#### DOUBLE END DIAMOND

9"	—	—	—	TWS 84-2045/49
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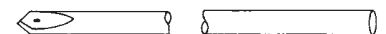
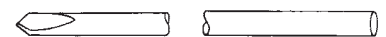
#### SINGLE DIAMOND

9"	—	—	—	TWS 84-2045/50
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Bend K-Wire up to .062" in diameter easily with our Gratloch™ Wire Bender

Drawings shown on this page are not actual size.



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# STEINMANN PINS

## STEINMANN PINS SMOOTH

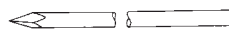
LENGTH	DIAMETER AND PRODUCT NUMBER							
	5/64" (2.0mm)	3/32" (2.4mm)	7/64" (2.8mm)	1/8" (3.2mm)	9/64" (3.5mm)	5/32" (4.0mm)	.177" (4.5mm)	3/16" (4.8mm)

### DOUBLE END TROCAR



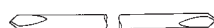
9"	TWS 84-2045/51	TWS 84-2045/52	TWS 84-2045/53	TWS 84-2045/54	TWS 84-2045/55	TWS 84-2045/56	TWS 84-2045/57	TWS 84-2045/58
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### SINGLE TROCAR Round end



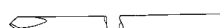
9"	TWS 84-2045/59	TWS 84-2045/60	TWS 84-2045/61	TWS 84-2045/62	TWS 84-2045/63	TWS 84-2045/64	TWS 84-2045/65	TWS 84-2045/66
12"	TWS 84-2045/67	TWS 84-2045/68	TWS 84-2045/69	TWS 84-2045/70	TWS 84-2045/71	TWS 84-2045/72	TWS 84-2045/73	—

### DOUBLE END DIAMOND



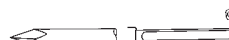
9"	TWS 84-2045/74	TWS 84-2045/75	TWS 84-2045/76	TWS 84-2045/77	TWS 84-2045/78	TWS 84-2045/79	TWS 84-2045/80	TWS 84-2045/81
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### SINGLE DIAMOND Round end



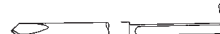
9"	TWS 84-2045/82	TWS 84-2045/83	TWS 84-2045/84	TWS 84-2045/85	TWS 84-2045/86	TWS 84-2045/87	TWS 84-2045/88	TWS 84-2045/89
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### SINGLE TROCAR 3 shank end



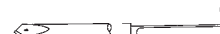
9"	TWS 84-2045/90	TWS 84-2045/91	TWS 84-2045/92	TWS 84-2045/93	TWS 84-2045/94	TWS 84-2045/95	TWS 84-2045/96	—
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### SINGLE DIAMOND 3 shank end



9"	TWS 84-2045/97	TWS 84-2045/98	TWS 84-2045/99	TWS 84-2046/00	TWS 84-2046/01	TWS 84-2046/02	TWS 84-2046/03	—
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### SINGLE DIAMOND With suture hole, 3 shank end



9"	TWS 84-2046/04	TWS 84-2046/05	TWS 84-2046/06	TWS 84-2046/07	TWS 84-2046/08	TWS 84-2046/09	TWS 84-2046/10	—
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## STEINMANN PINS FULLY THREADED

LENGTH	DIAMETER AND PRODUCT NUMBER							
	5/64" (2.0mm)	3/32" (2.4mm)	7/64" (2.8mm)	1/8" (3.2mm)	9/64" (3.5mm)	5/32" (4.0mm)	.177" (4.5mm)	3/16" (4.8mm)

### DOUBLE END TROCAR



9"	TWS 84-2046/11	TWS 84-2046/12	TWS 84-2046/13	TWS 84-2046/14	TWS 84-2046/15	TWS 84-2046/16	TWS 84-2046/17	TWS 84-2046/18
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### SINGLE TROCAR Round end



9"	TWS 84-2046/19	TWS 84-2046/20	TWS 84-2046/21	TWS 84-2046/22	TWS 84-2046/23	TWS 84-2046/24	TWS 84-2046/25	TWS 84-2046/26
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### DOUBLE END DIAMOND



9"	TWS 84-2046/27	TWS 84-2046/28	TWS 84-2046/29	TWS 84-2046/30	TWS 84-2046/31	TWS 84-2046/32	TWS 84-2046/33	TWS 84-2046/34
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### SINGLE DIAMOND Round end



9"	TWS 84-2046/35	TWS 84-2046/36	TWS 84-2046/37	TWS 84-2046/38	TWS 84-2046/39	TWS 84-2046/40	TWS 84-2046/41	TWS 84-2046/42
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Drawings shown on this page are not actual size.



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## GUIDEWIRES, SCHANZ PINS AND CERCLAGE WIRE

### STEINMANN PINS CALIBRATED (GUIDE WIRES) with 1/2" graduations

LENGTH	DIAMETER AND PRODUCT NUMBER			
	5/64" (2.0mm)	3/32" (2.4mm)	7/64" (2.8mm)	1/8" (3.2mm)

#### SINGLE TROCAR 3 shank end

9"	—	TWS 84-2046/43	—	—
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#### SINGLE DIAMOND 3 shank end

9"	—	TWS 84-2046/44	TWS 84-2046/45	TWS 84-2046/46
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#### SINGLE DIAMOND Round end

9"	—	TWS 84-2046/47	—	—
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### SCHANZ PINS (Partially Threaded)

PRODUCT NUMBER	OVERALL LENGTH	THREAD LENGTH	DIAMETER
TWS 84-2046/48	6"	45mm	5mm
TWS 84-2046/49	6 3/4"	45mm	5mm
TWS 84-2046/50	7 1/2"	45mm	5mm
TWS 84-2046/51	8"	45mm	5mm
TWS 84-2046/52	10"	45mm	5mm



### CERCLAGE WIRE 10 meters in length

PRODUCT NUMBER	DIAMETER	APPROX. GAUGE
TWS 84-2046/53	0.2mm	36
TWS 84-2046/54	0.3mm	30
TWS 84-2046/55	0.4mm	27
TWS 84-2046/56	0.5mm	25
TWS 84-2046/57	0.6mm	23
TWS 84-2046/58	0.7mm	22
TWS 84-2046/59	0.8mm	21
TWS 84-2046/60	0.9mm	20
TWS 84-2046/61	1.0mm	19
TWS 84-2046/62	1.2mm	18
TWS 84-2046/63	1.5mm	17
TWS 84-2046/64	1.8mm	13



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## WIRE STORAGE, DISPENSING AND STERILIZATION



### JURGAN REFILL RACKS STANDARD WHITE

W-Series pin balls

Six balls of one size per rack

TWS 84-2046/65. 028" (.7mm)

TWS 84-2046/66 .035" (.9mm)

TWS 84-2046/67. 045" (1.1mm)

TWS 84-2046/68. 054" -.062" (1.6mm)

TWS 84-2046/69 " (2mm, .065")

TWS 84-2046/70 3/32" (2.5mm)

### JURGAN REFILL RACKS COLOR CODED

W-Series pin balls

Six balls of one size per rack

(red, dark blue, yellow, green, light blue, cream)

TWS 84-2046/71 .028" (.7mm)

TWS 84-2046/72 .035" (.9mm)

TWS 84-2046/73 .045" (1.1mm)

TWS 84-2046/74 .054" -.062" (1.6mm)

TWS 84-2046/75 5/64" (2mm, .065")

TWS 84-2046/76 3/32" (2.5mm)



### JURGAN SCREWDRIVER

Standard - for use with W and X series balls

TWS 84-2146/71



### JURGAN PIN BALL GENERAL SET

For capping K-Wires

TWS 84-2146/72 standard white

Set includes:

TWS 84-2046/77 .045" (1.1mm)

TWS 84-2046/78 054" -.062" (1.6mm)

TWS 84-2046/79 (2mm, .065")

TWS 84-2046/80 (2.5mm)

TWS 84-2048/64 Screwdriver

TWS 84-2048/65 Sterilization Case

TWS 84-2046/81 Colored Set

Set includes:

TWS 84-2046/82 .045" (1.1mm)

TWS 84-2046/83 .054" -.062" (1.6mm)

TWS 84-2046/84 5/64" (2mm, .065")

TWS 84-2046/85 3/32" (2.5mm)

TWS 84-2046/86 Screwdriver

TWS 84-2046/87 Sterilization Case

## TKA CUTTING BLOCK FIXATION PINS



### TKA BONE PIN WITH 3 FLUTES

TWS 84-2046/88  
3.2mm Diameter x 3½" (89mm) Length, Round End

TWS 84-2046/89  
3.2mm Diameter x 2½" (63mm) Length, Square End



### TKA BONE PIN WITH FLUTES

TWS 84-2046/91  
3.2mm Diameter x 3" (76mm) Length, Square End



### TKA BONE PIN WITH TROCAR TIP

TWS 84-2046/93  
3.2mm Diameter x 1¾" (45mm) Length, Tri End

### TKA BONE PIN WITH TWO-FLUTES

TWS 84-2046/95  
3.2mm Diameter x 2¾" (70mm) Length, Tri End



### TKA BONE PIN WITH TROCAR TIP

TWS 84-2046/90  
3.2mm Diameter x 2.63" (67mm) Length, Tri End



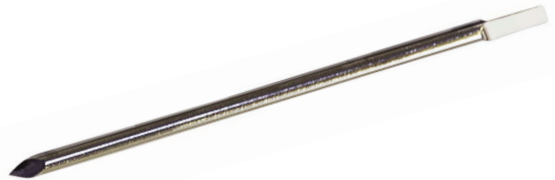
### TKA BONE PIN WITH TROCAR TIP AND STOP

TWS 84-2046/92  
3.2mm Diameter x 2.63" (67mm) Length, Tri End



### TKA BONE PIN

TWS 84-2046/94  
3.2mm Diameter x 3" (76mm) Length, Smooth, Round End



### TKA BONE PIN WITH TROCAR TIP

TWS 84-2046/96  
3.2mm Diameter x 3" (76mm) Length, Smooth, Tri End



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