

Traumatologie

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TR



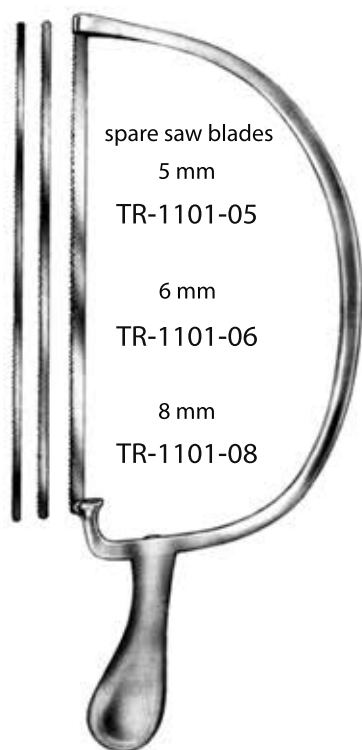
Percy
TR-1098-00



Percy
TR-1100-00
simple pattern, detachable handles



complete
TR-1001-01 Compression Apparatus for Producing blood Vacuum in limbs



Helferich-Bier

39 cm/15.6"

TR-1101-39

with 1 each saw blade 5 , 6 and 8 mm



Charriere

35 cm/14"

TR-1102-00

with 2 each saw blades 12 and 15 mm wide



Charriere

TR-1106-27 27 cm/10.8"

TR-1106-30 30 cm/12"

spare saw blades

TR-1106-98

18 cm/7.2"

TR-1106-99

20 cm/8"



Satterlee

29 cm/11.6"

TR-1108-31

spare saw blades

TR-1108-99

19 cm/7.6"

Metacarpal saw



Langenbeck

23 cm/9.2"

TR-1200-23

Finger Drill



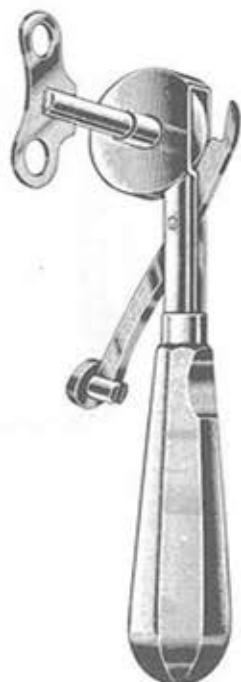
Complete Incloding TR-1600-01

Nail Extracting forceps



Radolf
13.5 cm/5.4"
TR-1602-13

Finger Ring Cutters



TR-1703-00
17 cm/6.8"

saw blade
TR-1703-01

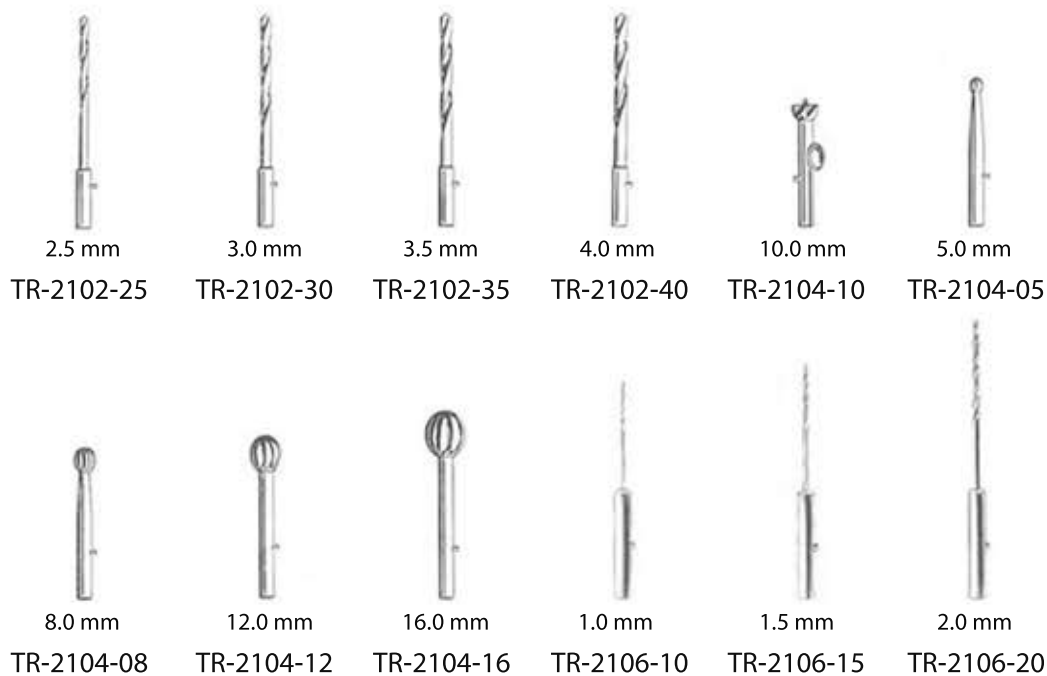


TR-1705-00
17 cm/6.8"

saw blade
TR-1705-01



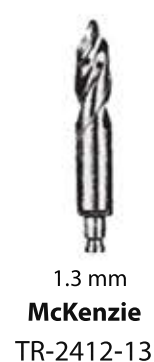
Stille
20 cm/8"
TR-2100-20
Complete



Stille-Sherman
24 cm/9.6"
Complete TR-2200-24

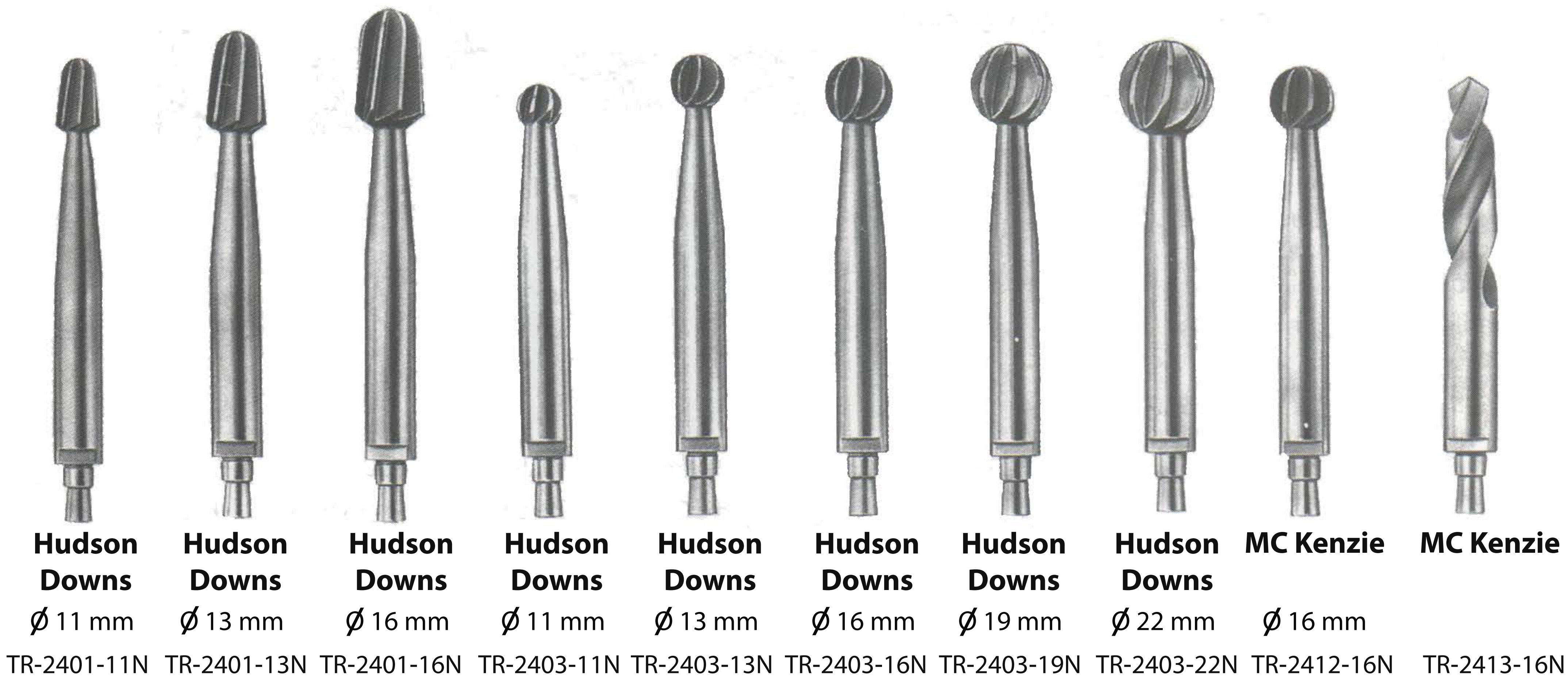
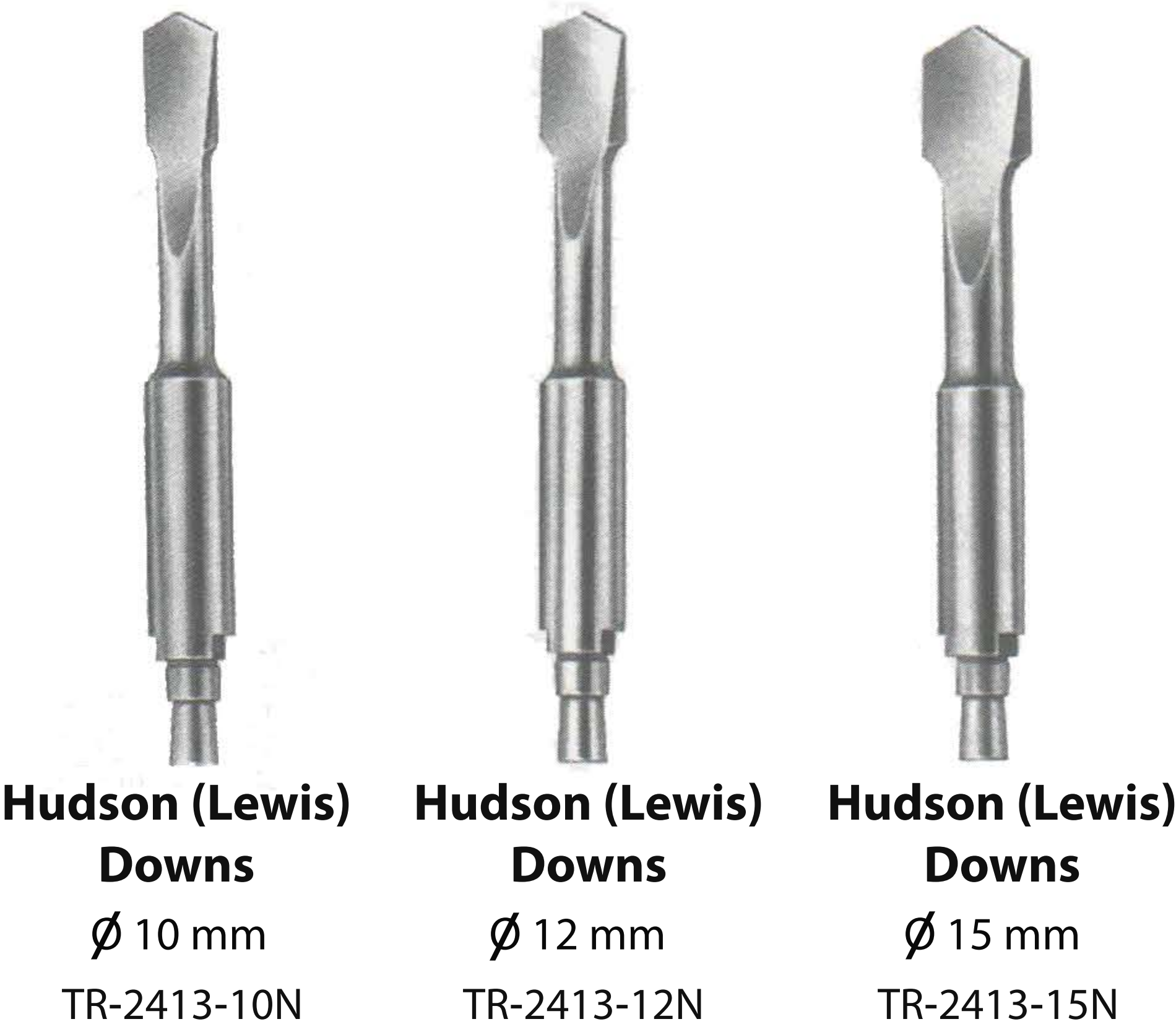
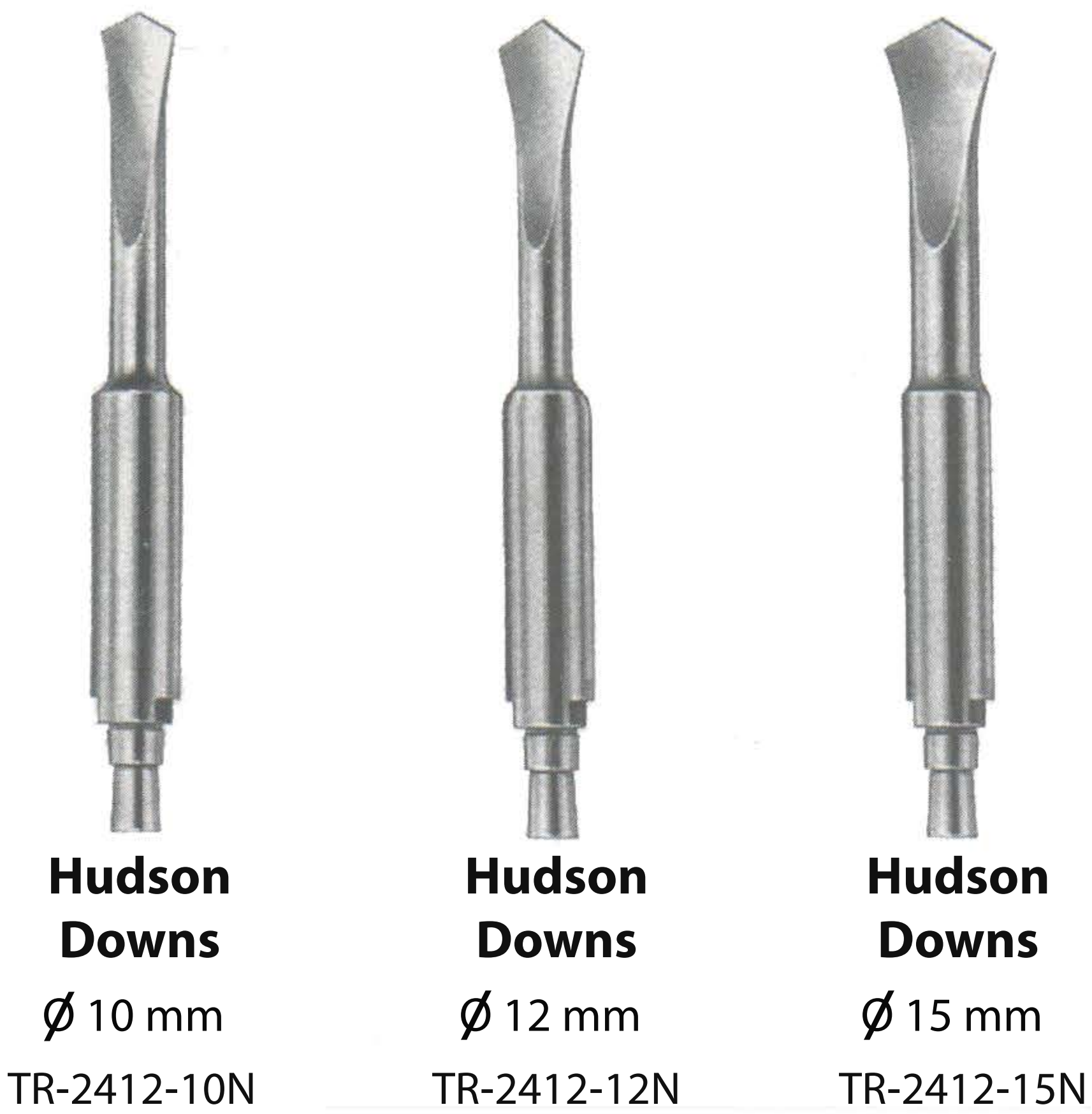


Moore
28 cm/11.2"
Complete TR-2300-28



Complete set including TR-2400-99 , TR-2402-09 , TR-2402-14 , TR-2402-16 , TR-2402-22 and TR-2406-00



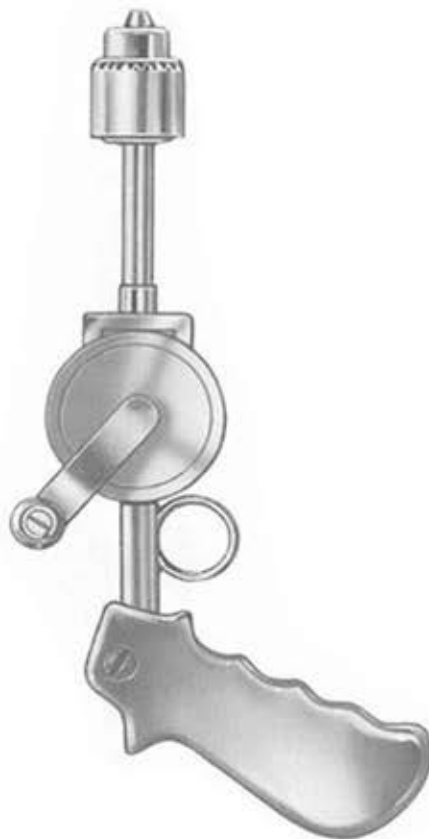




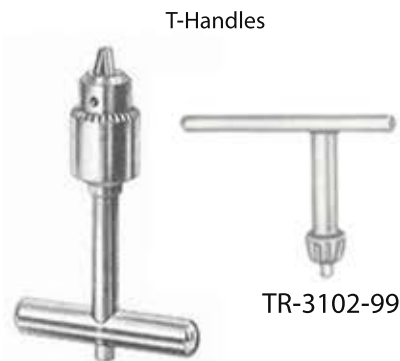
Bunnell
TR-2700-00



Rolk
TR-2800-00



TR-2900-00



TR-2906-00
including TR-3102-99

Keyless T-Handle



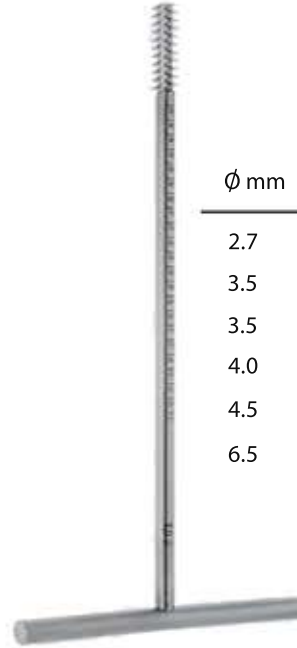
TR-2910-00

Taps



Ø mm	L	XL
1.5	TR-3510-15	
2.0	TR-3510-20	TR-3511-20
2.7	TR-3510-27	TR-3511-27
3.5	TR-3510-35	(corticals)
3.5	TR-3512-35	(spong)
4.5		TR-3511-45 (1.25)
4.5		TR-3512-45 (1.75)
6.5	TR-3510-65	

Taps W. T-Handle



Ø mm	L	XL
2.7	TR-3514-27	
3.5	TR-3514-35 (1.25)	
3.5	TR-3515-35 (1.75)	
4.0	TR-3514-40 (1.75)	
4.5	TR-3514-45	TR-3515-45
6.5	TR-3514-65	

small
4.5 cm/1.8"
TR-3510-45

Quick Chuck Handles



TR-3518-00
cannulated



TR-3520-00
cannulated



TR-3522-00



TR-3524-00

Reamers



TR-3902-14
14 cm/5.6"



TR-3904-14
14 cm/5.6"



Perthes
21 cm/8.4"
TR-3905-21



Perthes
21 cm/8.4"
TR-3906-21

Mandibular Awl



TR-3907-14N
14 cm/5.6"



TR-3907-23N
23 cm/9.2"

Maxillary Awl



TR-3908-18N
18 cm/7.2"

Tip Rear End					
	Trocar Round			Trocar Trocar	
Ø mm	70 mm	150 mm	310 mm	150 mm	310 mm
0.8	TR-4010-08	TR-4012-08	TR-4020-08	TR-4022-08	TR-4024-08
1.0	TR-4010-10	TR-4012-10	TR-4020-10	TR-4022-10	TR-4024-10
1.2	_____	TR-4012-12	TR-4020-12	TR-4022-12	TR-4024-12
1.4	_____	TR-4012-14	TR-4020-14	TR-4022-14	TR-4024-14
1.5	TR-4010-15	TR-4012-15	TR-4020-15	TR-4022-15	TR-4024-15
1.6	_____	TR-4012-16	TR-4020-16	TR-4022-16	TR-4024-16
1.8	_____	TR-4012-18	TR-4020-18	TR-4022-18	TR-4024-18
2.0	_____	TR-4012-20	TR-4020-20	TR-4022-20	TR-4024-20
2.2	_____	TR-4012-22	TR-4020-22	TR-4022-22	TR-4024-22
2.5	TR-4010-25	TR-4012-25	TR-4020-25	TR-4022-25	TR-4024-25
3.0	_____	TR-4012-30	TR-4020-30		



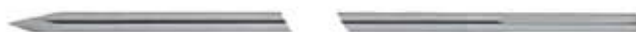
Tip : Trocar with thread
Rear End : Round

Ø mm	mm	150 mm	200 mm	230 mm
1.6	5	TR-4030-16	_____	_____
1.6	15	TR-4032-16	_____	_____
2.0	15	TR-4034-20	_____	_____
2.0	15	_____	TR-4036-20	_____
2.5	15	_____	TR-4038-20	_____
2.5	20	_____	_____	TR-4038-23

Gauge for wire drills



Kirschner
TR-4038-90



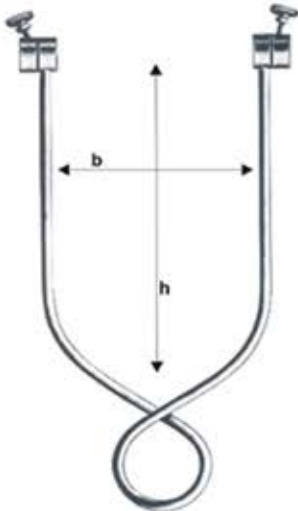
Tip : Trocar
Rear End : Triangular

Ø mm	120 mm	150 mm	180 mm	200 mm	250 mm	300 mm
3.5	TR-4039-12	TR-4039-15	TR-4039-18	TR-4039-20	TR-4039-25	TR-4039-30
4.0	TR-4040-12	TR-4040-15	TR-4040-18	TR-4040-20	TR-4040-25	TR-4040-30
4.5	TR-4045-12	TR-4045-15	TR-4045-18	TR-4045-20	TR-4045-25	TR-4045-30
5.0	TR-4050-12	TR-4050-15	TR-4050-18	TR-4050-20	TR-4050-25	TR-4050-30



Steinmann Pins

Ø mm	150 mm	180 mm	200 mm	230 mm	250 mm	300 mm
3.0	TR-4130-15	TR-4130-18	TR-4130-20	TR-4130-23	—	—
3.5	TR-4135-15	TR-4135-18	TR-4135-20	TR-4135-23	—	—
4.0	TR-4140-15	TR-4150-18	TR-4150-20	TR-4150-23	TR-4150-25	—
4.5	TR-4145-15	TR-4145-18	TR-4145-20	TR-4145-23	TR-4145-25	TR-4145-30
5.0	TR-4150-15	TR-4150-18	TR-4150-20	TR-4150-23	TR-4150-25	TR-4150-30



Bohler

hxb (cm)

16x9	TR-5002-16
21x11	TR-5002-21
21x15	TR-5002-22



Kirschner (w.3 hooks)

hxb (cm)

6x5	TR-5102-06
9.5x7	TR-5102-09
10.5x10.5	TR-5102-10
9.5x11	TR-5102-11
12x12	TR-5102-12
13.5x13	TR-5102-13
15x15	TR-5102-15
20x15.5	TR-5102-20



Wrench

TR-5105-01



Tightener

TR-5105-02



With 3 hooks

hxb (cm)

18x10	TR-5104-18
27x16	TR-5104-27



Kirschner (u.s)

size cm

S	13.0	TR-5108-01
L	18.5	TR-5108-02
XL	22.0	TR-5108-03



TR-5109-01



TR-5109-02

Hooks only

Wire Conductor



Demel

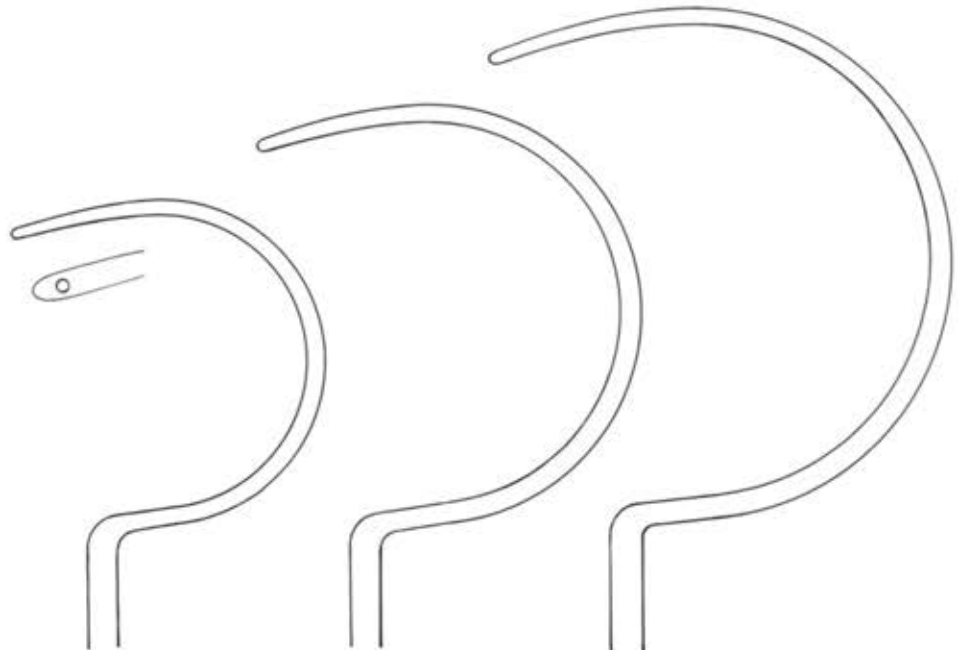


Fig. 1

TR-5250-01

Fig. 2

TR-5250-02

Fig. 3

TR-5250-03

Wire Guide



∅ 45 mm

TR-5260-45



∅ 70 mm

TR-5260-70

Bone Wire (Soft)



Withey

L (cm)	∅ mm	
28	0.8	TR-5291-08
28	1.0	TR-5291-10
28	1.2	TR-5291-12
60	1.0	TR-5292-10
60	1.2	TR-5292-12



10 mm

∅ mm

0.2	TR-5300-02
0.3	TR-5300-03
0.4	TR-5300-04
0.5	TR-5300-05
0.6	TR-5300-06
0.7	TR-5300-07
0.8	TR-5300-08
0.9	TR-5300-09
1.0	TR-5300-10
1.1	TR-5300-11
1.2	TR-5300-12
1.5	TR-5300-15

Wire Tightener



Demel
28 cm/11.2"
TR-5254-28

Wire Tension Plier



Danis
28 cm/11.2"
TR-5258-20

Wire Tightener & Twister



Loute
21 cm/8.4"
TR-5301-21



TR-5302-17
17 cm/6.8"



TR-5306-14
14 cm/5.6"



TR-5306-19
19 cm/7.6"



TR-5307-01
18 cm/7.2"



round



TR-5308-01
serrated



TR-5308-02
cross



Hackstock
16 cm/6.4"
TR-5310-16



Pointed

TR-5308-19N
19 cm/7.6"



serrated

Maburge
14 cm/5.6"
TR-5312-14



one jaw serrated

Goslee
14 cm/5.6"
TR-5314-14



Parallel, Cutting
18 cm/7.2"
TR-5318-18



TC, Parallel
18 cm/7.2"



Fig. 1

TR-5324-01



Fig. 2

TR-5324-02



Fig. 3

TR-5324-03

Seizing Forceps



Vise Grip

18 cm/7.2"

TR-5303-18

Bending Forceps



TR-5304-15

15 cm/6"

Extracting Forceps



TR-5305-13

13 cm/5.2"

TR-5305-18

18 cm/7.2"



18 cm/7.2"



Fig. 2

TR-5307-02



Fig. 3

TR-5307-03



Fig. 4

TR-5307-04



18 cm/7.2"



5 mm

TR-5326-18



7 mm

TR-5328-18



 TR-5320-15
15 cm/6"
 TR-5320-20
20 cm/8"
 TR-5321-15
15 cm/6"



 Heavy
TR-5322-18

Berry
18 cm/7.2"



 TR-5208-01N
15 cm/6"
 TR-5208-02N
15 cm/6"
 TR-5208-03N
16 cm/6.4"
 TR-5208-04N
18 cm/7.2"

Automatic



TR-5502-17N
17 cm/6.8"

Cannulated



TR-5400-16
16 cm/6.4"

For Soft Wire mm 2.2

For Hard Wire mm 2.0



TR-5402-15
15 cm/6"

2.0

1.5



TR-5500-18
18 cm/7.2"

1.7

1.7



TR-5704-15N
12 cm/4.8"

For Soft Wire mm 0.7

For Hard Wire mm 0.5



TR-5404-18N
18 cm/7.2"

2.0

1.5



TR-5403-15N
15 cm/6"

2.0

1.0



TR-5401-22
22 cm/8.8"

For Soft Wire $\varnothing$ mm 3.5

For Hard Wire $\varnothing$ mm 2.5



TR-5405-22
22 cm/8.8"

2.0

1.5



TR-5406-18
18 cm/7.2"

For Soft Wire $\varnothing$ mm 2.0

For Hard Wire $\varnothing$ mm 1.6



TR-5407-17
17 cm/6.8"



23 cm/9.2"



TR-5408-23 TR-5409-23



TR-5505-24

24 cm/9.6"

2.0

For Soft Wire $\varnothing$ mm

3.0

For Hard Wire $\varnothing$ mm

2.0

1.6



TR-5506-48 48 cm/19.2"

TR-5506-56 56 cm/22.4"

up to 6 mm



TR-5508-48 48 cm/19.2"

Intramedullary Reamers



Ø mm

TR-5600-24	2.4
TR-5600-32	3.2
TR-5600-48	4.8
TR-5600-64	6.4

Medullary Cavity Reamers



Kuentscher

26 cm/10.4"

Ø mm

TR-5701-08	8
TR-5701-10	10
TR-5701-12	12.5

Femur Reamer



Kuentscher

35 cm/14"

TR-5703-35

Nail Impactor extractor



F. / P. Ø mm 2.4

TR-5602-24



3.2

TR-5602-32



4.8

TR-5602-48



6.4

TR-5602-64



Lloyd

20 cm/8"

TR-6002-20



Guide Pins

∅ mm	L = 35 cm	46 cm	60 cm
2.5	TR-5801-35	TR-5801-46	—
3.0	TR-5802-35	TR-5802-46	TR-5802-60
3.5	TR-5803-35	TR-5803-46	TR-5803-60
4.0	TR-5804-35	TR-5804-46	TR-5804-60
5.0	TR-5805-35	TR-5805-46	TR-5805-60



Extractor

Kuentscher
63 cm/25.2"
TR-5900-00



Hammer

Slotted
30 cm/12"
TR-5908-30

Nail Drivers



Kuentscher
21 cm/8.4"
TR-5806-21



Kuentscher
21 cm/8.4"
∅ mm

6-8	TR-5807-13
9-12	TR-5807-17
13-20	TR-5807-21

Extraction Hooks



Fig. 1
TR-5900-01



Fig. 2
TR-5900-02



Fig. 2
TR-5900-03



Fig. 4
TR-5900-04



L cm	
29	TR-5906-29
37	TR-5906-37
42	TR-5906-42
49	TR-5906-49



Williams
24 cm/9.6"
TR-6204-24



1.5 mm
TR-6208-15



2.5 mm
TR-6208-25
3.5 mm
TR-6208-35



Philips
TR-6212-25



17 cm/6.8"
TR-6214-17
25 cm/10"
TR-6214-25



1.5 mm
TR-6259-15



2.5 mm
TR-6259-25



3.5 mm
TR-6259-35



1.5 mm
TR-6300-15



2.5 mm
TR-6300-25



Lane
TR-6302-25

TR-6300-99

TR-6300-98

Screw Holding Forceps



Lane
18 cm/7.2"
TR-6305-18N



Lane
23 cm/9.2"
TR-6307-23N



Self Retaining
8 cm/3.2"
TR-6350-08

Plate Holding Forceps



Small Plates
12 cm/4.8"
TR-6303-13



Lane
22 cm/8.8"
TR-6309-22N

Plate Bender (Bending Iron)



Mini Plates
13 cm/5.2"
TR-6402-00



Small Plates
14.5 cm/5.8"
TR-6403-01



Small Plates
14.5 cm/5.8"
TR-6403-02



Standard Plates
24 cm/9.6"
TR-6405-00

Bending Pliers (Forceps)



TR-6498-14
14 cm/5.6"



TR-6500-14
14 cm/5.6"



TR-6502-22
22 cm/8.8"

Bending Plier



TR-6503-25
25 cm/10"

Bending Device



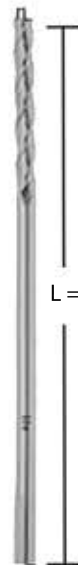
TR-6700-00

Bending Template



Holes	mm	
5	90	TR-6704-09
7	120	TR-6704-12
9	150	TR-6704-15
12	200	TR-6704-20
7	60	TR-6706-06
9	85	TR-6706-08

Cannulated Drill Bit



L = 16 cm

Ø mm	A	
2.7	1.35	TR-7900-27
3.2	1.75	TR-7900-32
3.5	1.35	TR-7900-35
4.5	1.75	TR-7900-45
5.0	2.0	TR-7900-50

Tap sleeve / Drill Sleeve



2.7 / 1.0
TR-7910-27

Taps



Ø mm

3.5	TR-8102-35
4.0	TR-8102-40
4.5	TR-8102-45



TR-8104-00



Ø 7 mm

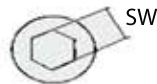
TR-8102-70

Screw Drivers (Hexagonal)



SW (mm)

2.5	TR-8106-25
3.5	TR-8106-35



SW (mm)

5.0	TR-8106-50
-----	------------

Screw Holder



TR-8107-25	for 2.5 mm
TR-8107-35	for 3.0 mm

Direct Screw Length Gauge



7 mm
TR-8110-70



4.5 mm
TR-8114-45



3.5 mm
TR-8120-35

canal Brush



2.1 mm
TR-8111-21



1.75 mm
TR-8115-17



1.35 mm
TR-8121-13

canal Cleaner



2 mm
TR-8112-20



1.6 mm
TR-8116-16



1.2 mm
TR-8121-12

Parallel Aiming Device



For Screws 7 mm

TR-8192-00

For Guide Wires 2 mm

Tissue Protector Sleeve



TR-8200-00

For Cannulated Screws 7 mm

Countersinks



1.5/2.0 mm

TR-8201-11

For mini screws



2.7/3.5/4 mm

TR-8202-20

For small screws



screws 4.5 mm

TR-8204-32

Malleolar



4.5/6.5 mm

TR-8206-45

For large screws

Depth Gauge



Mini

L TR-8207-00
XL TR-8207-01

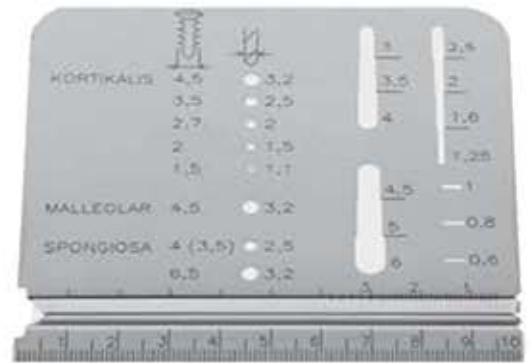
Small

L TR-8208-00
XL TR-8208-01

Large

TR-8209-01

Measuring Gauge



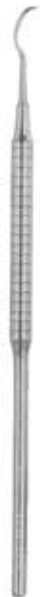
TR-8300-00

Holding Clamp



2.0 mm TR-8402-20
2.7 mm TR-8402-27
3.5 mm TR-8402-35

For small Plates



TR-8410-00
Sharp
Hook



TR-8700-15
1.1/1.5 mm
TR-8700-20
1.1/2.0 mm
Mini Drill Sleeve



TR-8702-20
2.0 mm
Drill Guide and
Drill Sleeve

Insert Drill Sleeve



mm

2.7/2.0	TR-8704-27
3.5/2.5	TR-8704-35
4.5/3.2	TR-8704-45

Drill Guide



C. Clamp W. Thread

mm

3.5	TR-8800-35
4.5	TR-8800-45



Pointed

TR-8801-45



W. Adjustable Stop

TR-8803-45

Tap Sleeve



3.5 mm

TR-8805-35

For Tap 2.7 mm



mm

2.7/2.0 TR-8807-27

3.5/2.5 TR-8807-35

For 3.5 mm Cortex Screw



4.5 mm

TR-8809-45

For Large cannulated Screws