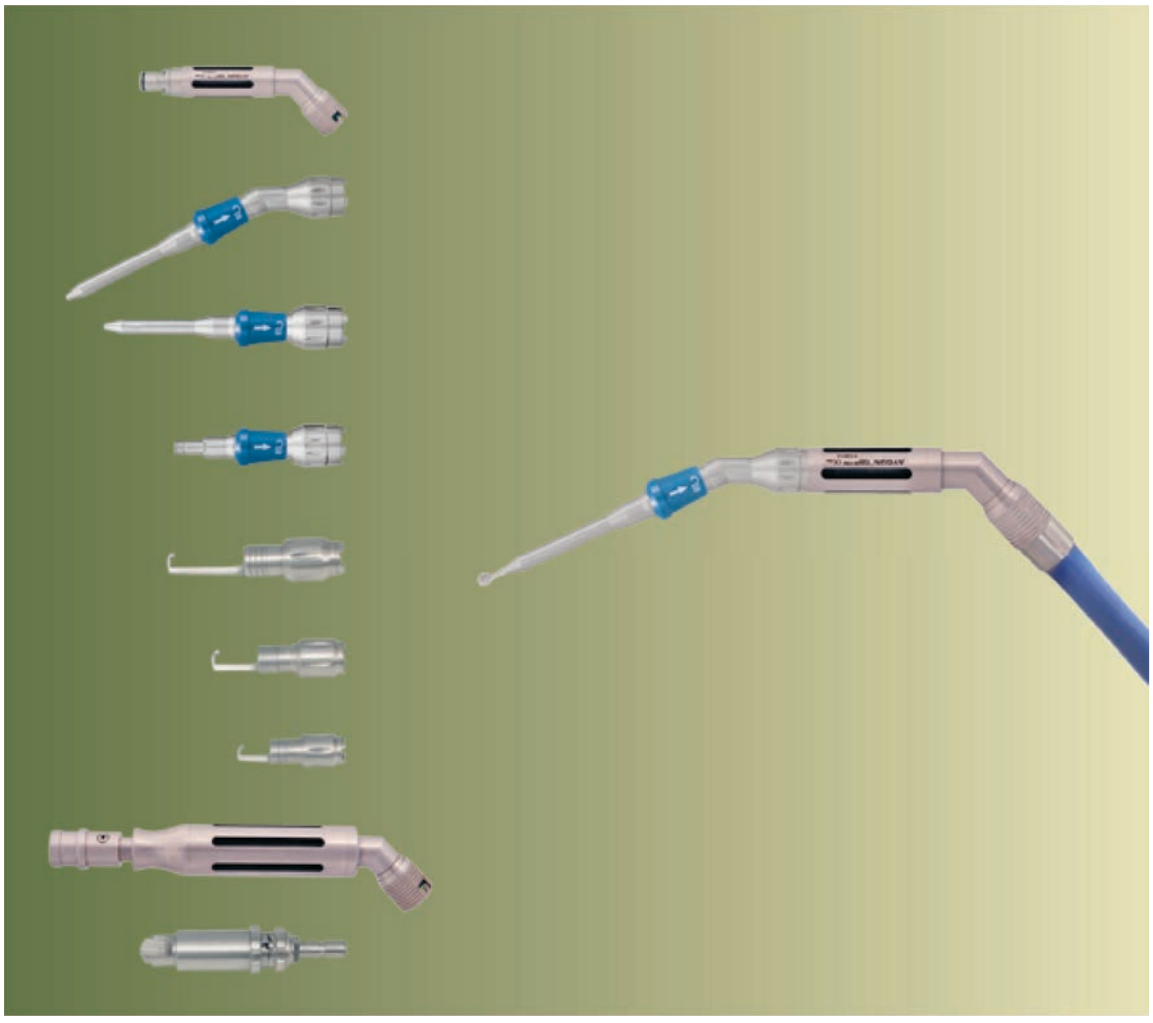
AYGUN®
SURGICAL INSTRUMENTS CO., INC.

Power System



NAP *Neuro Air Power* *Surgical Motor*

Titanium & *Stainless*

Edition 6

www.aygun.com

AYGÜN®
SURGICAL INSTRUMENTS CO., INC.

Organize Sanayi Bölgesi 55330
Kutlukent - SAMSUN / TÜRKİYE
Tel : 90 (362) 266 66 80 pbx
Fax : 90 (362) 266 93 30 pbx
E-Mail : aygun@aygun.com
Web : http://www.aygun.com

Edition 6

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- RPM measurement tolerance +-%5

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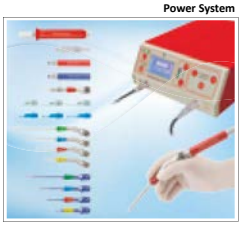
Power System

PRAXIS *Battery + Electro Surgical Motor*

Power System



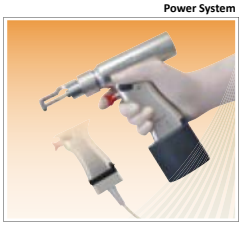
HSM *High Speed Motor*

90.000 rpm

Power System

DERMATOME *For Skin Transplantation*

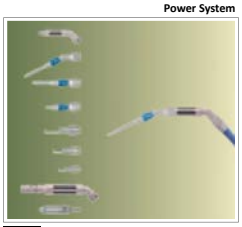
Power System



COMPACT Sternal Saw

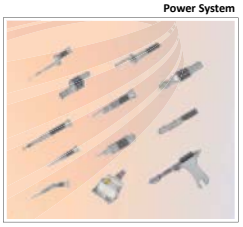
Battery + Electro Surgical Motor

Power System



NAP *Neuro Air Power Surgical Motor*

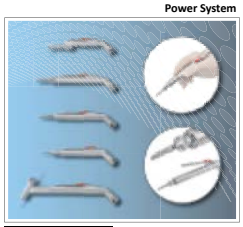
Power System



Electro Transmission Cable Pneumatic

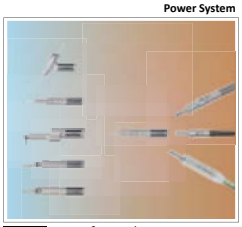
STANDARD MICRO *Surgical Motor*

Power System



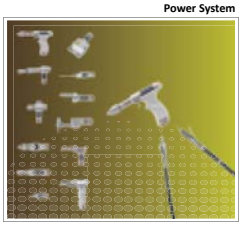
Mini COMPACT *Pneumatic Surgical Motor*

Power System



Mini *Electro / Pneumatic Surgical Motor*

Power System



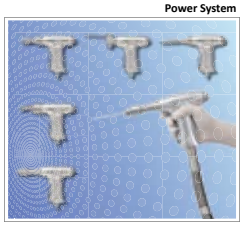
STANDARD MACRO

Electro (Transmission) / Pneumatic Surgical Motor

Power System

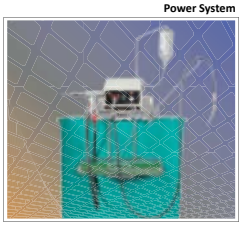
EPS *Electro (Transmission) Pneumatic Surgical Motor*

Power System



Macro COMPACT *Pneumatic Surgical Motor*

Power System



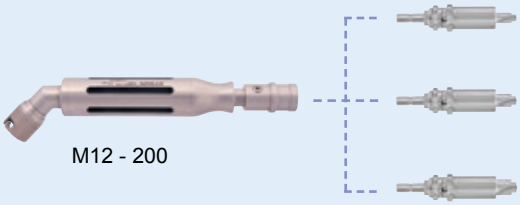
MOBIL STATOR *For Surgical Motor*

Edition 6

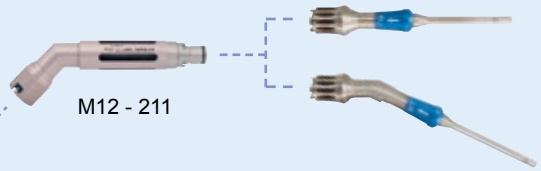
M7 - 230

Compressed Air Supply

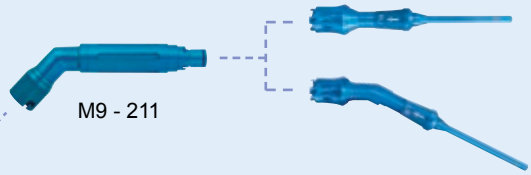
M8-116



M12 - 200



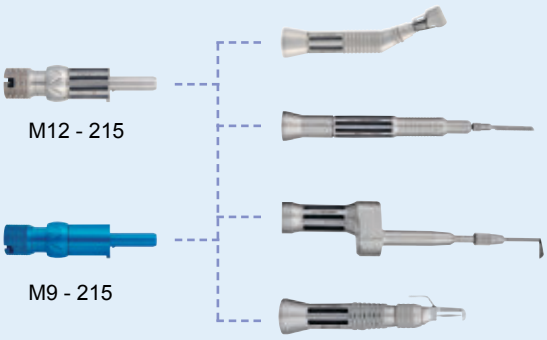
M12 - 211



M9 - 211

M9-167

M8-114

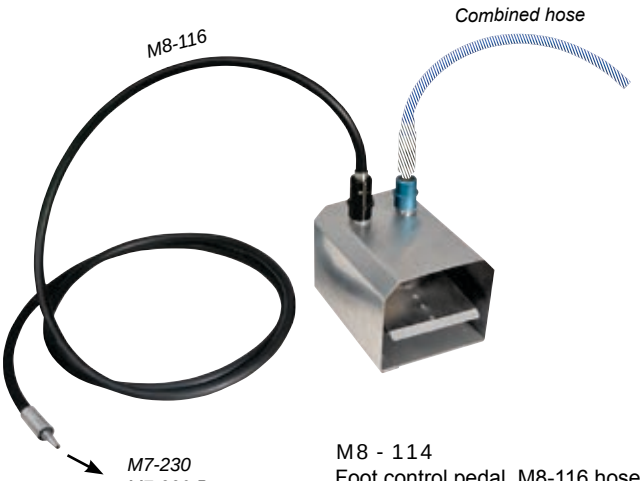


M12 - 215

M9 - 215

M14 - 816
Spray oil

M12 - 819
Attachment for NAP



M8 - 114
Foot control pedal, M8-116 hose, without combine hose

M9 - 167 3 m
M9 - 168 5 m
Combine hoses for air supply

M7 - 230 B
Air pressure reducer, two way

M7 - 230
Air pressure reducer, one way

For security; the systems must be operated by using compressed dry air or nitrogen gas, the oxygen gas must never be used.

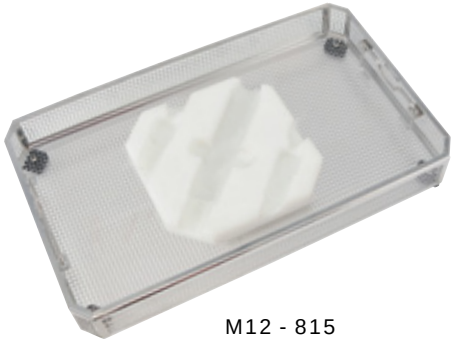
1/2

M12 - 200
MMS Perforated Drive
Powerful at 6 bar (90 psi).
use with M9-260 or + M14-360 or
261 361
262 362

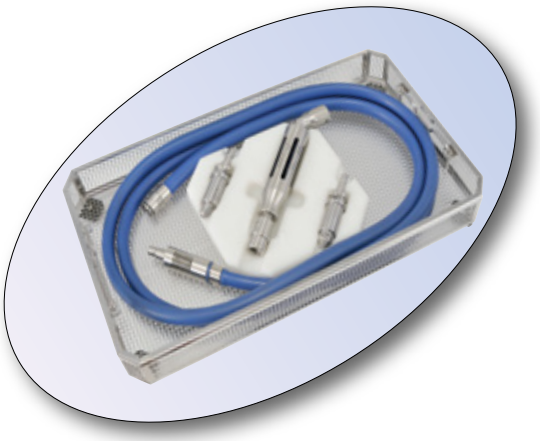
* Skull trepans
* With step-down drilling
* Automatic cut-out
* No key needed
* Use with M12-200

DISPOSABLE	REUSABLE
M14 - 360 Ø 6/9 mm	M9 - 260 Ø 6/9 mm
M14 - 361 Ø 9/12 mm	M9 - 261 Ø 9/12 mm
M14 - 362 Ø 12/15 mm	M9 - 262 Ø 12/15 mm

M9 - 167 3 m
M9 - 168 5 m
Combine hoses for air supply



M12 - 815
Basket for NAP perforator
485 x 253 x 50 mm



1/2

M12 - 211
Pneumatic Surgical Motor,
Working Pressure= 6-8 bar (90-120 psi)
Sterilization= 3 Atm 143° C
Optimum balance is obtained by angled, turnable hose connection.

1/2

M9 - 211
Pneumatic Motor Titanium
Working Pressure= 6-8 bar (90-120 psi)
Safety stop: Prevents irregular use during change of attachment or burr.
Optimum balance is obtained by angled, turnable hose connection.

1/2

M14 - 330
Craniotome,
Modular dura guide for paediatric, adult and laminectomy applications. Keyless connection of hand piece, craniatome-burr, dura guide and motors. Clear identification of burrs and dura guide by ring system (1 - 3 rings)

1/2

M14 - 332
Titanium,
Modular dura guide for paediatric, adult and laminectomy applications. Keyless connection of hand piece, craniatome-burr, dura guide and motors. Clear identification of burrs and dura guide by ring system (1 - 3 rings)

1/2

M14 - 340
Pediatric guide

1/2

M14 - 341
Adult guide

1/2

M14 - 342
Laminectomy guide

1/2

M14 - 333
Pediatric guide

1/2

M14 - 334
Adult guide

1/2

M14 - 335
Laminectomy guide

1/2

M14 - 331
Drill limit system

M14 - 343
For pediatric guide

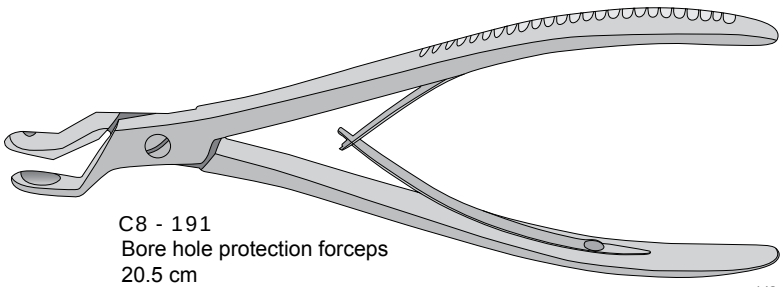
M14 - 344
For adult guide

M14 - 345
For laminectomy guide

1/2

M14 - 336
Drill limit system
Titanium

M9 - 167 3 m
M9 - 168 5 m
Combine hoses for air supply



C8 - 191
Bore hole protection forceps
20.5 cm
1/2

Ø 5,5 mm

M14 - 100	M14 - 110	M14 - 120	M14 - 130	M14 - 140	M14 - 150
95 mm	115 mm	135 mm	175 mm	175 mm	205 mm

Ø 5,5 mm

M14 - 200	M14 - 210	M14 - 220	M14 - 230	M14 - 240	M14 - 250
120 mm	140 mm	160 mm	200 mm	255 mm	315 mm

Titanium

Ø 5,5 mm

M14 - 780	M14 - 781	M14 - 782	M14 - 783	M14 - 784	M14 - 785
95 mm	115 mm	135 mm	175 mm	175 mm	205 mm

Titanium

Ø 5,5 mm

M14 - 790	M14 - 791	M14 - 792	M14 - 793	M14 - 794	M14 - 795
120 mm	140 mm	160 mm	200 mm	255 mm	315 mm

A

1/2

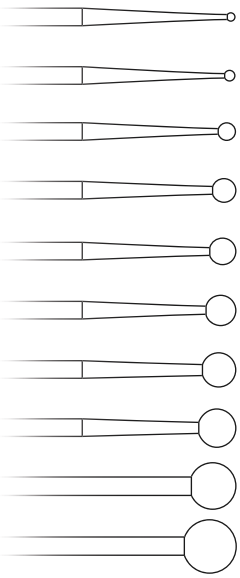
M14 - 100
95 mm

1/2

M14 - 200
120 mm

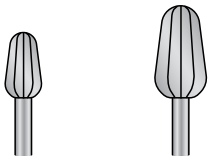
M14 - 740
Spray nozzle
for M14-100 and
M14-200

A



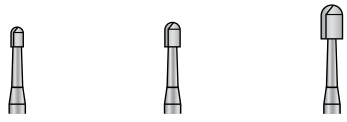
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 410	M14 - 420	M14 - 430
1,4	M14 - 411	M14 - 421	M14 - 431
2,3	M14 - 412	M14 - 422	M14 - 432
3,1	M14 - 413	M14 - 423	M14 - 433
3,5	M14 - 900	M14 - 902	M14 - 904
4,0	M14 - 901	M14 - 903	M14 - 905
4,5	M14 - 414	M14 - 424	M14 - 434
5,0	M14 - 415	M14 - 425	M14 - 435
6,0	M14 - 416	M14 - 426	M14 - 436
7,0	M14 - 417	M14 - 427	M14 - 437

CONE



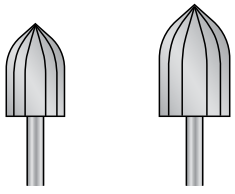
(Ø mm)	5.0	7.0
A	M14 - 440	M14 - 442

NEURO



(Ø mm)	1.8	2.2	3.0
A	M14 - 443	M14 - 444	M14 - 445

ACORN



(Ø mm)	7.9	9.5
A	M14 - 447	M14 - 448

B

1/2

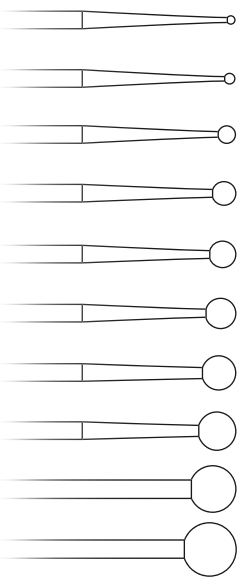
M14 - 110
115 mm

1/2

M14 - 210
140 mm

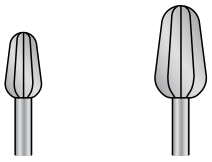
M14 - 743
Spray nozzle
for M14-110 and
M14-210

B



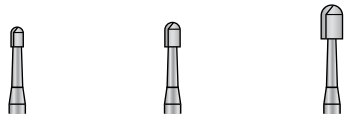
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 450	M14 - 460	M14 - 470
1,4	M14 - 451	M14 - 461	M14 - 471
2,3	M14 - 452	M14 - 462	M14 - 472
3,1	M14 - 453	M14 - 463	M14 - 473
3,5	M14 - 906	M14 - 908	M14 - 910
4,0	M14 - 907	M14 - 909	M14 - 911
4,5	M14 - 454	M14 - 464	M14 - 474
5,0	M14 - 455	M14 - 465	M14 - 475
6,0	M14 - 456	M14 - 466	M14 - 476
7,0	M14 - 457	M14 - 467	M14 - 477

CONE



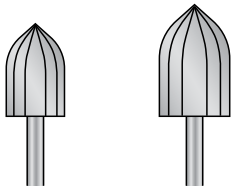
(Ø mm)	5.0	7.0
B	M14 - 480	M14 - 482

NEURO



(Ø mm)	1.8	2.2	3.0
B	M14 - 483	M14 - 484	M14 - 485

ACORN



(Ø mm)	7.9	9.5
B	M14 - 487	M14 - 488

C

1/2

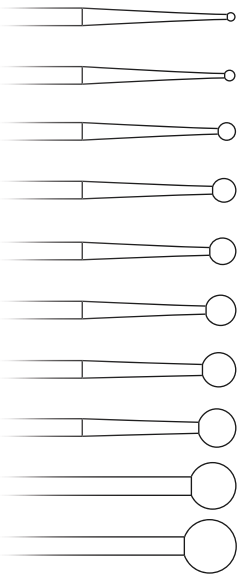
M14 - 120
135 mm

1/2

M14 - 220
160 mm

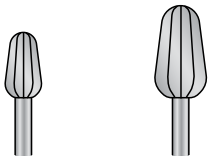
M14 - 746
Spray nozzle
for M14-120 and
M14-220

C



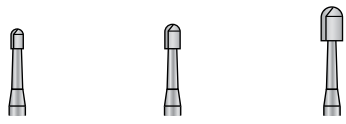
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 490	M14 - 500	M14 - 510
1,4	M14 - 491	M14 - 501	M14 - 511
2,3	M14 - 492	M14 - 502	M14 - 512
3,1	M14 - 493	M14 - 503	M14 - 513
3,5	M14 - 912	M14 - 914	M14 - 916
4,0	M14 - 913	M14 - 915	M14 - 917
4,5	M14 - 494	M14 - 504	M14 - 514
5,0	M14 - 495	M14 - 506	M14 - 515
6,0	M14 - 496	M14 - 507	M14 - 516
7,0	M14 - 497	M14 - 508	M14 - 517

CONE



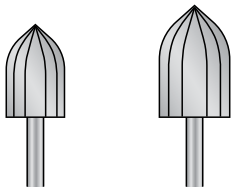
(Ø mm)	5.0	7.0
C	M14 - 520	M14 - 522

NEURO



(Ø mm)	1.8	2.2	3.0
C	M14 - 523	M14 - 524	M14 - 525

ACORN



(Ø mm)	7.9	9.5
C	M14 - 527	M14 - 528

D

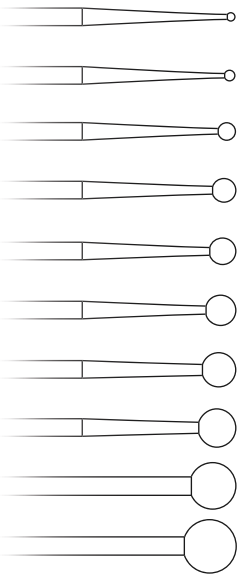
1/2

M14 - 130
175 mm

1/2

M14 - 230
200 mm

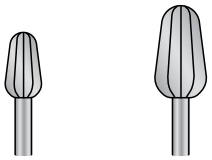
D



(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 530	M14 - 540	M14 - 550
1,4	M14 - 531	M14 - 541	M14 - 551
2,3	M14 - 532	M14 - 542	M14 - 552
3,1	M14 - 533	M14 - 543	M14 - 553
3,5	M14 - 918	M14 - 920	M14 - 922
4,0	M14 - 919	M14 - 921	M14 - 923
4,5	M14 - 534	M14 - 544	M14 - 554
5,0	M14 - 535	M14 - 545	M14 - 555
6,0	M14 - 536	M14 - 546	M14 - 556
7,0	M14 - 537	M14 - 547	M14 - 557

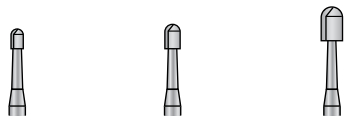
M14 - 749
Spray nozzle
for M14-130 and
M14-230

CONE



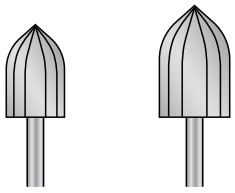
(Ø mm)	5.0	7.0
D	M14 - 560	M14 - 562

NEURO



(Ø mm)	1.8	2.2	3.0
D	M14 - 563	M14 - 564	M14 - 565

ACORN



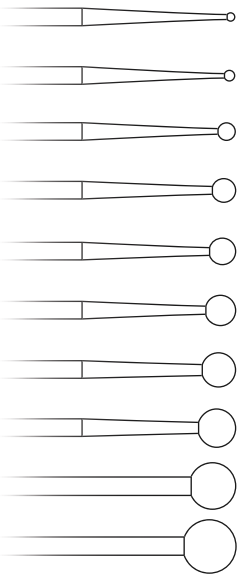
(Ø mm)	7.9	9.5
D	M14 - 567	M14 - 568

E

1/2

M14 - 240
255 mm

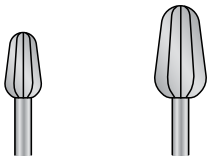
E



(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 570	M14 - 580	M14 - 590
1,4	M14 - 571	M14 - 581	M14 - 591
2,3	M14 - 572	M14 - 582	M14 - 592
3,1	M14 - 573	M14 - 583	M14 - 593
3,5	M14 - 924	M14 - 926	M14 - 928
4,0	M14 - 925	M14 - 927	M14 - 929
4,5	M14 - 574	M14 - 584	M14 - 594
5,0	M14 - 575	M14 - 585	M14 - 595
6,0	M14 - 576	M14 - 586	M14 - 596
7,0	M14 - 577	M14 - 587	M14 - 597

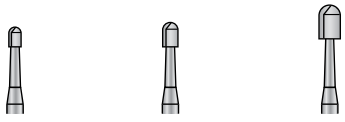
M14 - 752
Spray nozzle
for M14-240

CONE



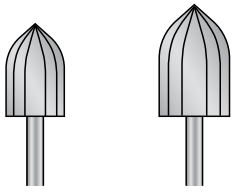
(Ø mm)	5.0	7.0
E	M14 - 600	M14 - 602

NEURO



(Ø mm)	1.8	2.2	3.0
E	M14 - 603	M14 - 604	M14 - 605

ACORN



(Ø mm)	7.9	9.5
E	M14 - 607	M14 - 608

F

1/2

M14 - 250
315 mm

F

	(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
	1,0	M14 - 610	M14 - 620	M14 - 630
	1,4	M14 - 611	M14 - 621	M14 - 631
	2,3	M14 - 612	M14 - 622	M14 - 632
	3,1	M14 - 613	M14 - 623	M14 - 633
	3,5	M14 - 930	M14 - 932	M14 - 934
	4,0	M14 - 931	M14 - 933	M14 - 935
	4,5	M14 - 614	M14 - 624	M14 - 634
	5,0	M14 - 615	M14 - 625	M14 - 635
	6,0	M14 - 616	M14 - 626	M14 - 636
	7,0	M14 - 617	M14 - 627	M14 - 637

M14 - 755
Spray nozzle
for M14-250

CONE

(Ø mm)	5.0	7.0
F	M14 - 640	M14 - 642

NEURO

(Ø mm)	1.8	2.2	3.0
F	M14 - 643	M14 - 644	M14 - 645

ACORN

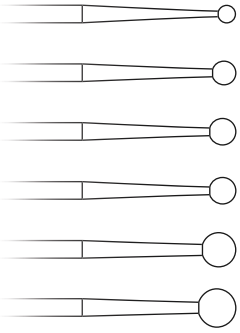
(Ø mm)	7.9	9.5
F	M14 - 647	M14 - 648

K

1/2

M14 - 140
175 mm

K

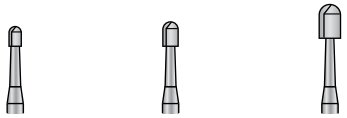


(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
2,3	M14 - 652	M14 - 662	M14 - 672
3,1	M14 - 653	M14 - 663	M14 - 673
3,5	M14 - 936	M14 - 938	M14 - 940
4,0	M14 - 937	M14 - 939	M14 - 941
4,5	M14 - 654	M14 - 664	M14 - 674
5,0	M14 - 655	M14 - 665	M14 - 675

CONE

(Ø mm)	5.0
K	M14 - 720

NEURO



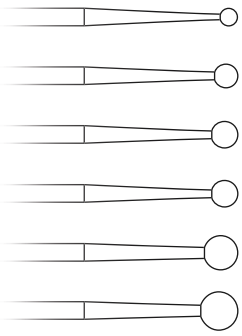
(Ø mm)	1.8	2.2	3.0
K	M14 - 723	M14 - 724	M14 - 725

M

1/2

M14 - 150
205 mm

M

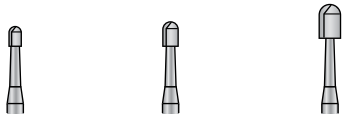


(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
2,3	M14 - 692	M14 - 702	M14 - 712
3,1	M14 - 693	M14 - 703	M14 - 713
3,5	M14 - 942	M14 - 944	M14 - 946
4,0	M14 - 943	M14 - 945	M14 - 947
4,5	M14 - 694	M14 - 704	M14 - 714
5,0	M14 - 695	M14 - 705	M14 - 715

CONE

(Ø mm)	5.0
M	M14 - 730

NEURO

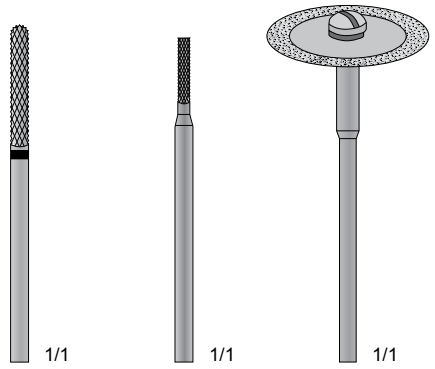


(Ø mm)	1.8	2.2	3.0
M	M14 - 733	M14 - 734	M14 - 735

1/1

M14 - 770
115 mm

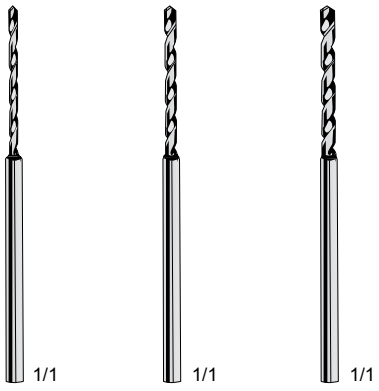
NEURO



1/1 1/1 1/1

M14 - 772	M14 - 773	M14 - 774

NEURO

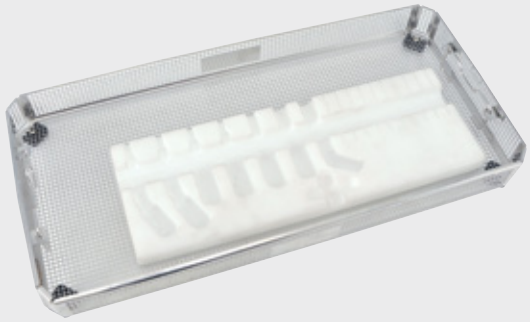


1/1 1/1 1/1

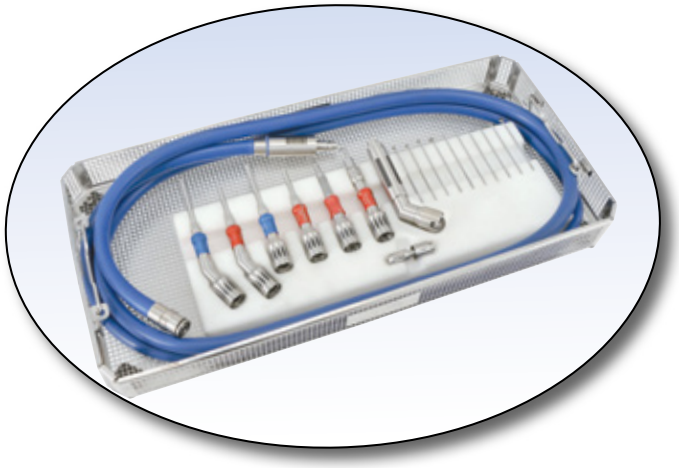
(Ø mm)	1.5	2	2.5
	M14 - 775	M14 - 776	M14 - 777

M14 - 816
Spray oil

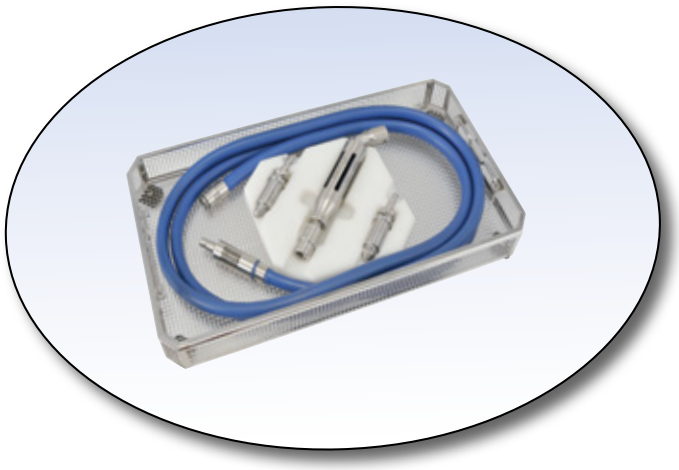
M12 - 819
Attachment for NAP



M12 - 810
Basket for NAP perforator
540 x 253 x 50 mm



M12 - 815
Basket for NAP perforator
485 x 253 x 50 mm



1/2

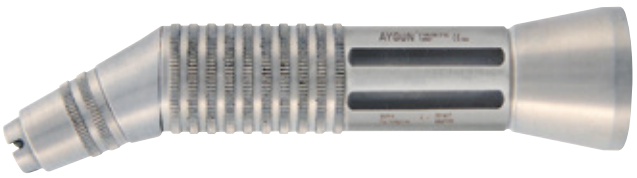
M12 - 215
Pneumatic Motor,
* To drive all micro-intra-hand pieces (like straight, contra-angled or micro Saws)
* Forward and reverse gear, safety stop

1/2

M9 - 215
Pneumatic Motor, Titanium
* To drive all micro-intra-hand pieces (like straight, contra-angled or micro Saws)
* Forward and reverse gear, safety stop

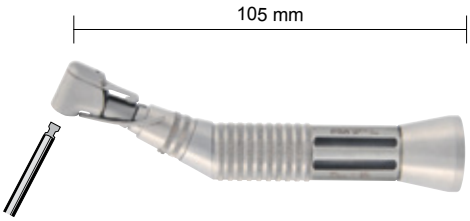
M8 - 557
Spray nozzle

M8 - 151
INTRA Main Piece, Angular
No key needed for tightening
Angle: 21°
Transmission: 1:2
Color marked: Two Red Rings
The burrs can be mounted with M8-160 imperator

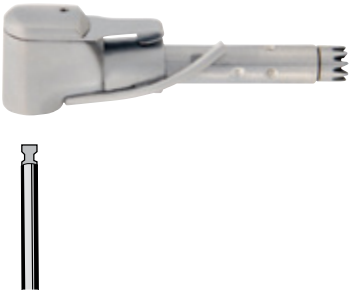


M8 - 558
Spray nozzle

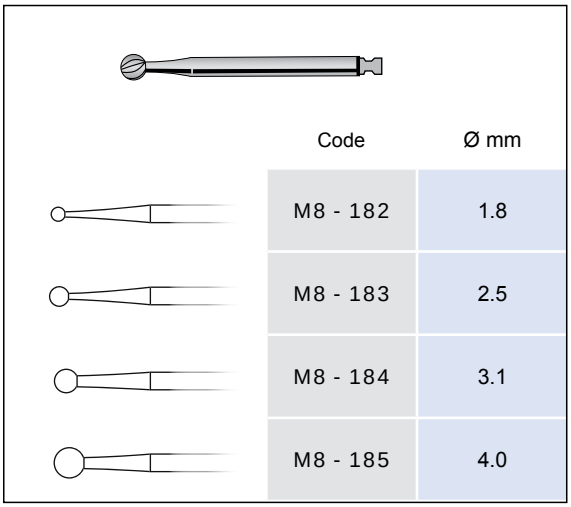
M8 - 152
INTRA Main Piece, Angular
No key needed for tightening
Angle: 21°
Transmission: 2.7:2
Color marked: One Green Ring
The burrs can be mounted with M8-160 imperator



M8 - 180
Angular head
Angle: 21°
Consisting of: M8-152 and M8-181

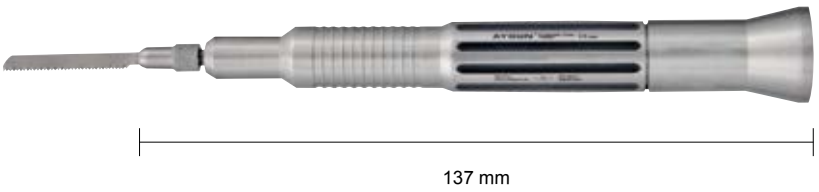


M8 - 181
Angle head with imperator bearing.
Transmission: 2:1
For burrs and cutters
With quick-action “dental” shaft

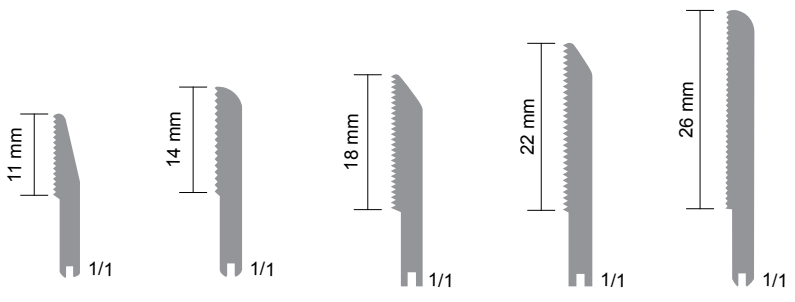


	Code	Ø mm
	M8 - 182	1.8
	M8 - 183	2.5
	M8 - 184	3.1
	M8 - 185	4.0

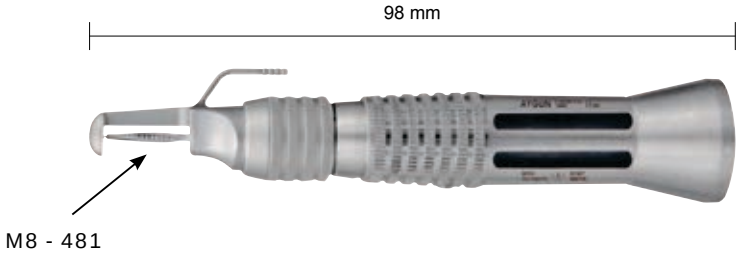
M8 - 198
Sprey nozzle for M8-190



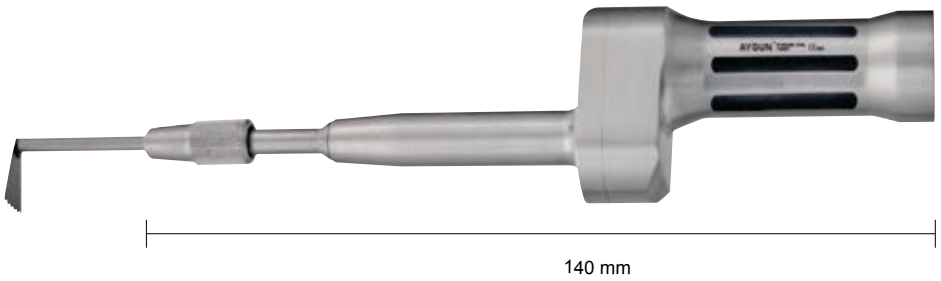
M8 - 190
Micro staright reciprocating saw
Without saw blades.
With spray nozzle M8-198
Oscillations per second: 160(at 20.000 rpm)
Height of sroke: 2 mm



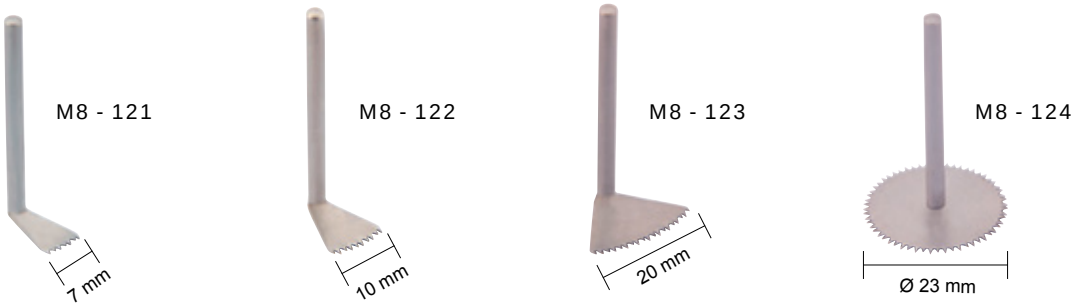
M8 - 191 M8 - 192 M8 - 193 M8 - 194 M8 - 195

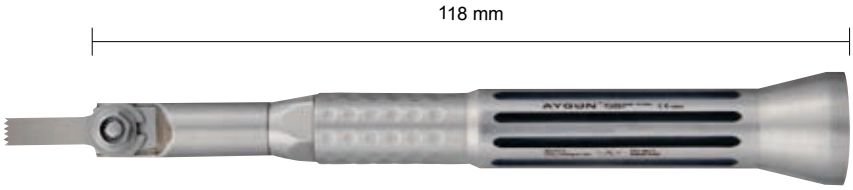


M8 - 480
FREIBURG Craniotome for children
With bone cutter M8-481



M8 - 120
Micro oscillating saw
Possibility to use extra thin
blades for precision operations.
Narrow design for good visibility.
Saw blades have to be ordered separately





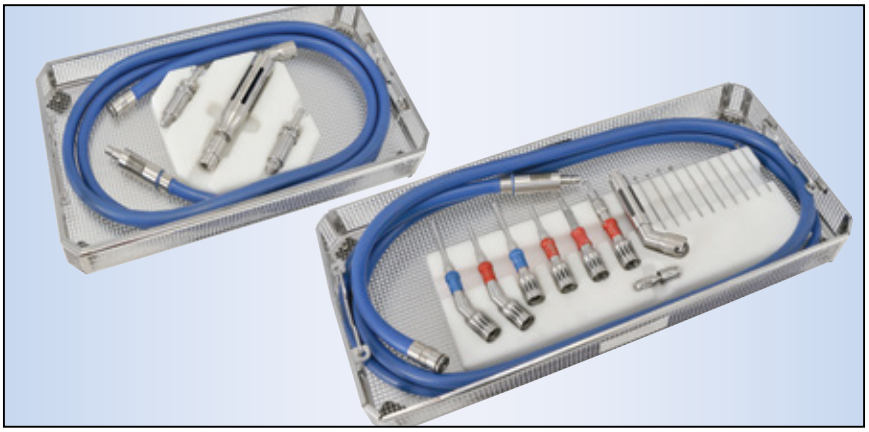
M8 - 1105
Micro Sagittal Saw, pencil grip shape, with unloosable nut

For M8-1105

Code	Illustration 1:1	Usable Length (mm)	Width (mm)
M8 - 1120		10	13.4
M8 - 1121		9	13.0
M8 - 1122		15	5.0
M8 - 1123		20	5.0
M8 - 1124		20	12.0
M8 - 1125		20	16.0
M8 - 1126		25	5.0
M8 - 1127		20	12.0

NAP

Neuro Air Power



Edition 6

Meeting Point For Surgery

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SURGICAL INSTRUMENTS CO., INC.

Organize Sanayi Bölgesi 55330
Kutlukent - SAMSUN / TÜRKİYE
Tel : 90 (362) 266 66 80 pbx
Fax : 90 (362) 266 93 30 pbx
E-Mail : aygun@aygun.com
Web : http://www.aygun.com

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