

Power System



HSM *High Speed Motor*

90.000 rpm

Titanium & Stainless

Edition 7

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 7

■ According to the production programme
Aygün's rights is reserved in production to improve,
modify or delete the products declared in this catalog.
■ RPM measurement tolerance ± 0.05

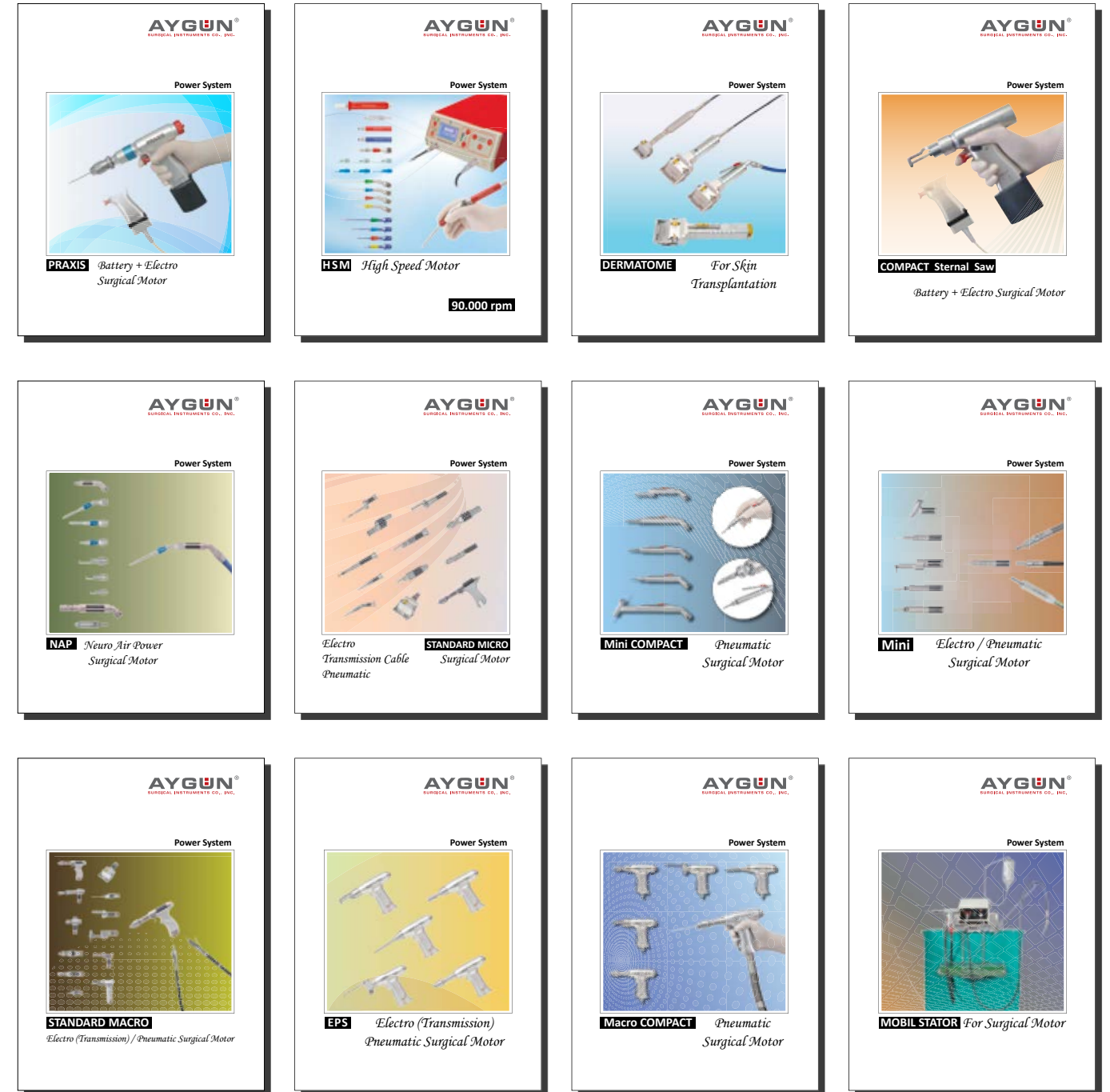
KA - 4002-Y2 Copyright © Aygün Co., Inc
2014 All Right Reserved, Printed in Türkiye



AYGÜN, one of the leading establishment of Turkey in the medical industrial field, starting from neurosurgical field since 1988, at the end of its constantly R&D researches, has accomplished the production of instruments for all surgical branches. Along with meeting a large part of Turkey's requirements, it proves itself as an expert in the field with the products offered to the world market.

With present catalogues that include standard products and the special products formed on the request of the doctors including approximately 22.000 different types of instruments produced by AYGÜN. Besides being a manufacturer, it is also a designer firm.

Besides increasing its capacity, AYGÜN, in its new production plants constructed in the Organized Industrial Area of Samsun, aims to present the different models of products to the medical community.



ATTACHMENT



PERFORATOR



CRANIOTOME



TECHNOLOGICAL SUPERIORITIES

- Adjustable speed range up to 90.000 RPM!
- Comfortable operation possibility thanks to ergo dynamic positioning of the center of gravity!
- Under load motor start-up technology preventing the failures related to burr obstruction during craniotomy!
- Opportunity of pediatric-adult craniotomy and laminectomy with single attachment!

- The design allowing to minimize the costs of service on Dura protector feet deformations!
- Color-protecting technology against discoloration of attachments connected to all sterilization techniques such as autoclave, EO, etc... !
- Burr, attachment, motor change in a few seconds thanks to easy/connect technology for starting-up the system fast and easily.
- Motor and motor cable wears and socket failures are minimized thanks to special locking system.
- Low cost of consumable irrigation pump!

M14 - 320

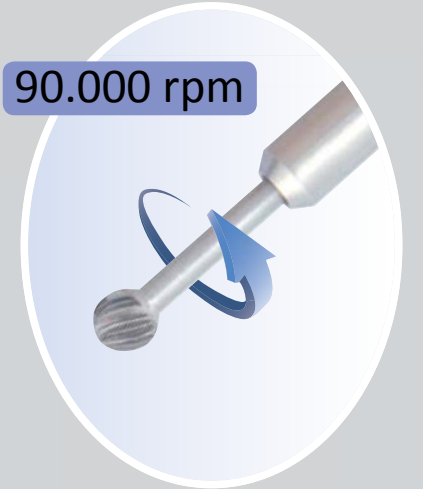
M14 - 300

M14 - 310

M14 - 400

M6 - 121

90.000 rpm



M6 - 054



M14-400	: Power Console
M6-054	: Foot Pedal, with irrigation and F/R buttons (with 4 m. long cable)
M14-300	: Electric Motor 90.000 rpm
M14-310	: Motor Cable
M14-320	: Motor Stand, autoclavable
M6-121	: Tubing Set



M14 - 350
HSM Perforator Motor,
use with M9-260 or + M14-360 or
261 361
262 362

DISPOSABLE

M14 - 360 Ø 6/9 mm

M14 - 361 Ø 9/12 mm

M14 - 362 Ø 12/15 mm

REUSABLE

M9 - 260 Ø 6/9 mm

M9 - 261 Ø 9/12 mm

M9 - 262 Ø 12/15 mm

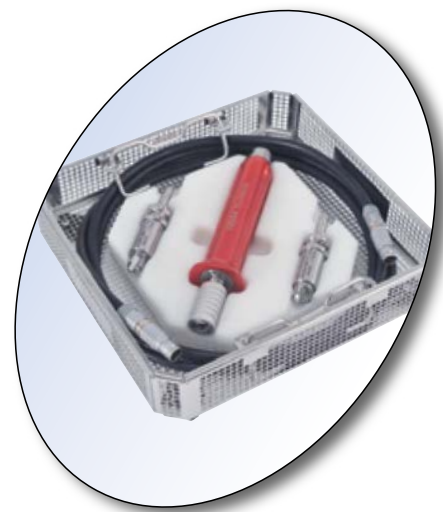
- * Skull trepans
- * With step-down drilling
- * Automatic cut-out
- * No key needed
- * Use with M14-350



M14 - 310
Motor Cable
(4 m. long)
Use with
M14-300 or +
M14-301 or +
M14-350



M14 - 815
Basket for HSM perforator



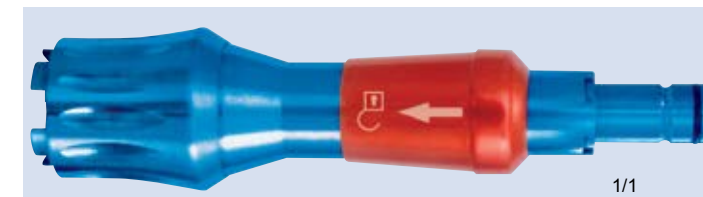
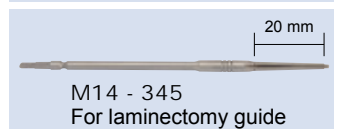
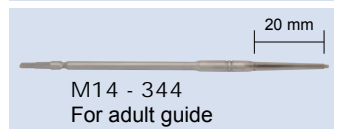
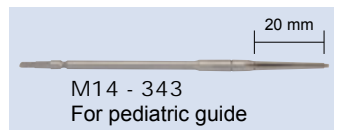
M14 - 300
HSM Motor Handpiece
90.000 rpm



M14 - 301
HSM Motor Handpiece
90.000 rpm
Titanium



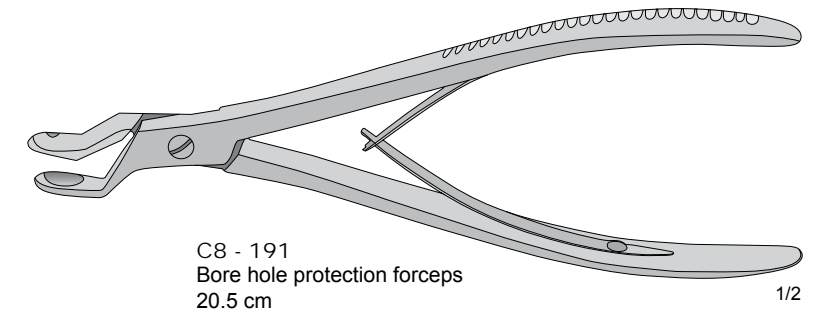
M14 - 330
Craniotome,
Modular dura guide for paediatric, adult and
laminectomy applications. Keyless connection of hand
piece, craniotome-burr, dura guide and motors. Clear
identification of burrs and dura guide by ring
system (1 - 3 rings)



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



M14 - 310
Motor Cable
(4 m. long)
Use with
M14-300 or +
M14-301 or +
M14-350



C8 - 191
Bore hole protection forceps
20.5 cm



Ø 5,5 mm



Ø 5,5 mm



Titanium

Ø 5,5 mm



Titanium

Ø 5,5 mm



A



M14 - 100
95 mm

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



M14 - 200
120 mm



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

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



M14 - 110
115 mm

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



M14 - 210
140 mm

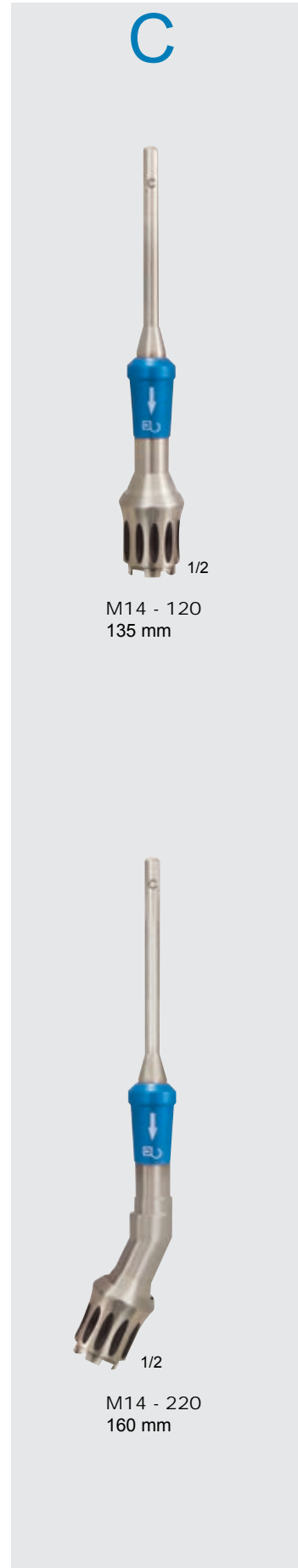


M14 - 743
Spray nozzle
for M14-110 and
M14-210

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

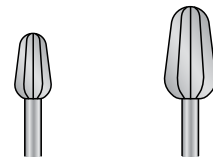


C

C

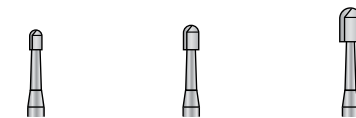
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 490	M14 - 500	M14 - 510
1,4	M14 - 491	M14 - 501	M14 - 511
2,3	M14 - 492	M14 - 502	M14 - 512
3,1	M14 - 493	M14 - 503	M14 - 513
3,5	M14 - 912	M14 - 914	M14 - 916
4,0	M14 - 913	M14 - 915	M14 - 917
4,5	M14 - 494	M14 - 504	M14 - 514
5,0	M14 - 495	M14 -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

CONE



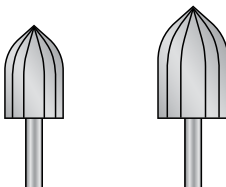
(Ø mm)	5.0	7.0
C	M14 - 520	M14 - 522

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

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

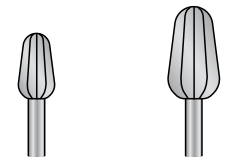


D

D

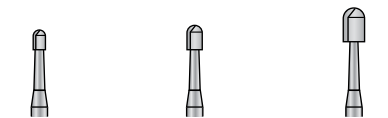
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 530	M14 - 540	M14 - 550
1,4	M14 - 531	M14 - 541	M14 - 551
2,3	M14 - 532	M14 - 542	M14 - 552
3,1	M14 - 533	M14 - 543	M14 - 553
3,5	M14 - 918	M14 - 920	M14 - 922
4,0	M14 - 919	M14 - 921	M14 - 923
4,5	M14 - 534	M14 - 544	M14 - 554
5,0	M14 - 535	M14 -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

CONE



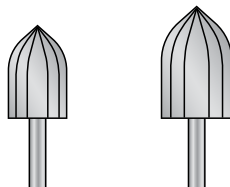
(Ø mm)	5.0	7.0
D	M14 - 560	M14 - 562

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

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



E



M14 - 240
255 mm



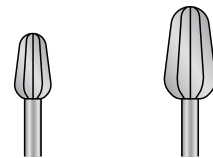
M14 - 752
Spray nozzle
for M14-240

E



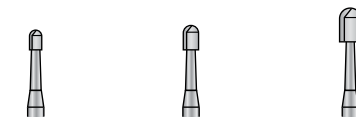
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 570	M14 - 580	M14 - 590
1,4	M14 - 571	M14 - 581	M14 - 591
2,3	M14 - 572	M14 - 582	M14 - 592
3,1	M14 - 573	M14 - 583	M14 - 593
3,5	M14 - 924	M14 - 926	M14 - 928
4,0	M14 - 925	M14 - 927	M14 - 929
4,5	M14 - 574	M14 - 584	M14 - 594
5,0	M14 - 575	M14 -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

CONE



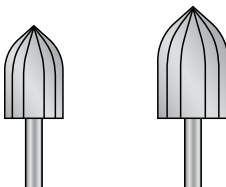
(Ø mm)	5.0	7.0
E	M14 - 600	M14 - 602

NEURO



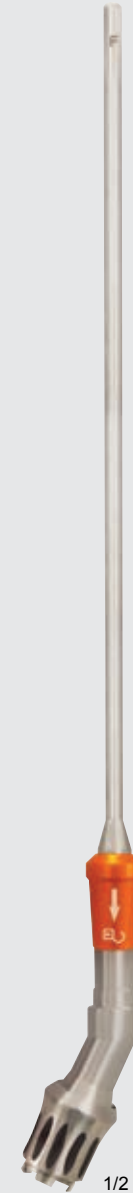
(Ø mm)	1.8	2.2	3.0
E	M14 - 603	M14 - 604	M14 - 605

ACORN



(Ø mm)	7.9	9.5
E	M14 - 607	M14 - 608

F



M14 - 250
315 mm



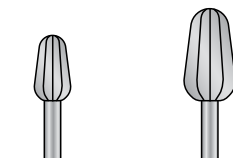
M14 - 755
Spray nozzle
for M14-250

F



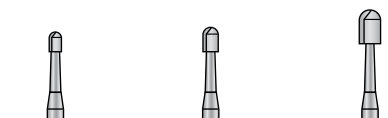
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
1,0	M14 - 610	M14 - 620	M14 - 630
1,4	M14 - 611	M14 - 621	M14 - 631
2,3	M14 - 612	M14 - 622	M14 - 632
3,1	M14 - 613	M14 - 623	M14 - 633
3,5	M14 - 930	M14 - 932	M14 - 934
4,0	M14 - 931	M14 - 933	M14 - 935
4,5	M14 - 614	M14 - 624	M14 - 634
5,0	M14 - 615	M14 -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

CONE



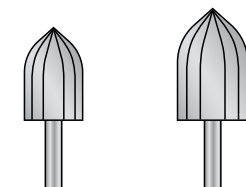
(Ø mm)	5.0	7.0
F	M14 - 640	M14 - 642

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

K

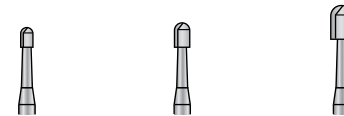
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
2,3	M14 - 652	M14 - 662	M14 - 672
3,1	M14 - 653	M14 - 663	M14 - 673
3,5	M14 - 936	M14 - 938	M14 - 940
4,0	M14 - 937	M14 - 939	M14 - 941
4,5	M14 - 654	M14 - 664	M14 - 674
5,0	M14 - 655	M14 - 665	M14 - 675

CONE



(Ø mm)	5.0
K	M14 - 720

NEURO



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



M14 - 140
175 mm

M

M

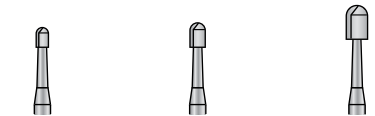
(Ø = mm)	ROSEN	HIGH SPEED Tungsten	DIAMOND
2,3	M14 - 692	M14 - 702	M14 - 712
3,1	M14 - 693	M14 - 703	M14 - 713
3,5	M14 - 942	M14 - 944	M14 - 946
4,0	M14 - 943	M14 - 945	M14 - 947
4,5	M14 - 694	M14 - 704	M14 - 714
5,0	M14 - 695	M14 - 705	M14 - 715

CONE



(Ø mm)	5.0
M	M14 - 730

NEURO



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

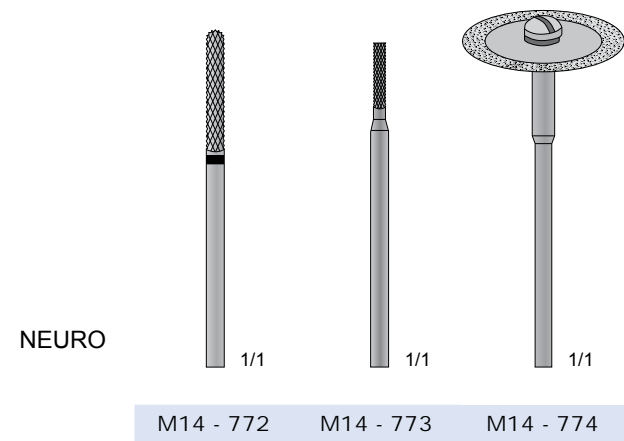


M14 - 150
205 mm



M14 - 770
115 mm

1/1



NEURO

1/1

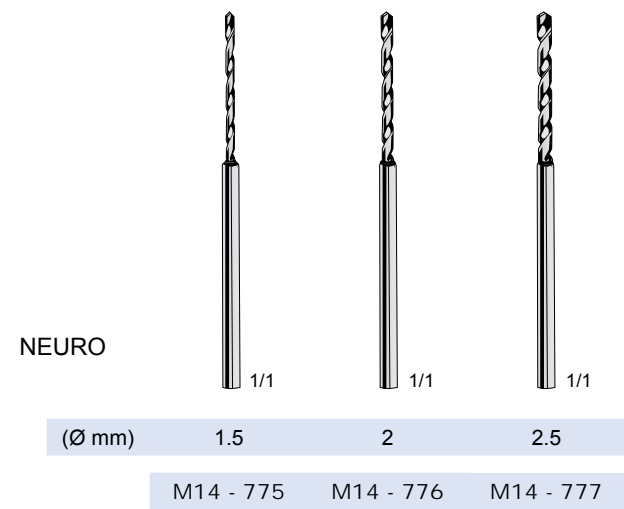
1/1

1/1

M14 - 772

M14 - 773

M14 - 774



NEURO

1/1

1/1

1/1

(Ø mm)

1.5

2

2.5

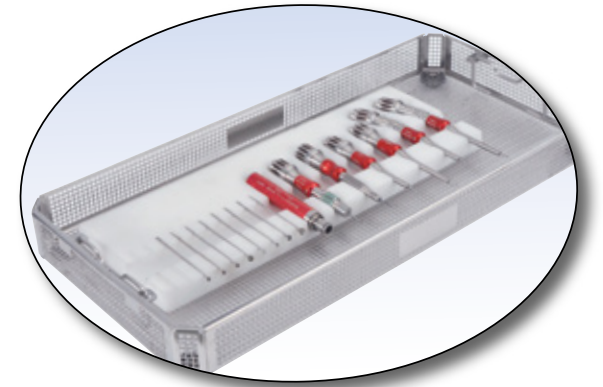
M14 - 775

M14 - 776

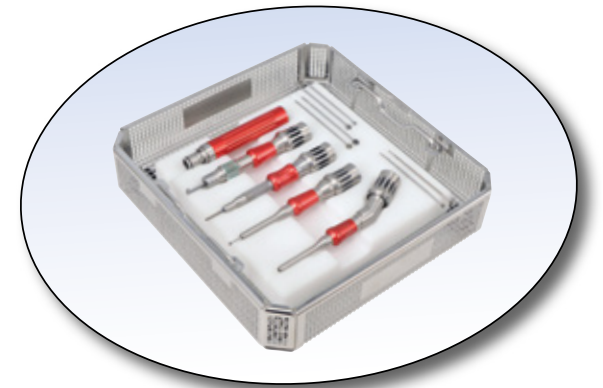
M14 - 777



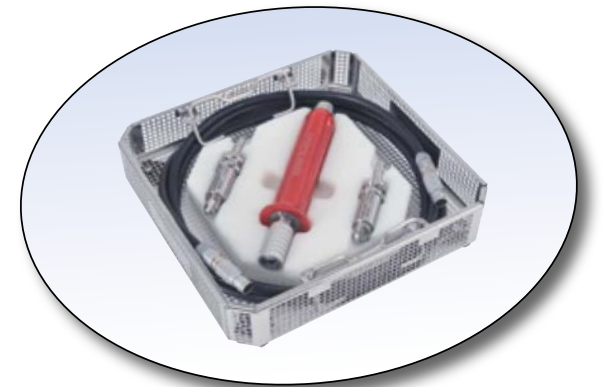
M14 - 810
Basket for HSM Attachment



M14 - 811
Basket for HSM Attachment



M14 - 815
Basket for HSM perforator



M14 - 816
Spray oil

M14 - 817
Attachment for HSM



HSM

High Speed Motor



Edition 7

Meeting Point For Surgery

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>

www.aygun.com