



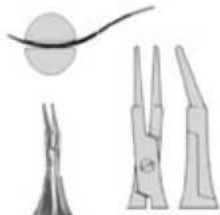
**Needle Holders with tungsten carbide inserts**

**Nedelhalter mit Hartmetalleinlagen**

**Porta-agujas con bocas de carburo tungsteno**

**Porte-aiguilles avec mors en tungstène**

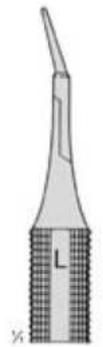
**Portaghi con morsi in carburo tungsteno**



55-101-01  
16 cm, 6 3/4"



55-101-02  
16 cm, 6 3/4"



55-101-03  
16 cm, 6 3/4"

**GOMEL**  
55-101-01  
55-101-03

Smooth  
Glatt  
Lisc  
Lisses  
Liscie



55-103-01  
14 cm, 5 1/2"



55-103-02  
14 cm, 5 1/2"



55-103-03  
14 cm, 5 1/2"

**GOMEL**  
55-103-01  
55-103-03

Smooth  
Glatt  
Lisc  
Lisses  
Liscie



55-120-18  
18 cm, 7 1/4"

55-122-18  
18 cm, 7 1/4"



55-121-18  
18 cm, 7 1/4"

55-123-18  
18 cm, 7 1/4"

55-120-18  
55-121-18

Smooth  
Glatt  
Lisc  
Lisses  
Liscie



55-122-18  
55-123-18

55-140-10  
10 cm, 4"

55-141-10  
10 cm, 4"



Smooth  
Glatt  
Lisc  
Lisses  
Liscie

**BARRAQUER**  
TROUTMAN  
55-140-10  
55-141-10

55-142-10  
10 cm, 4"

55-143-10  
10 cm, 4"



Smooth  
Glatt  
Lisc  
Lisses  
Liscie

**BARRAQUER**  
TROUTMAN  
55-142-10  
55-143-10

55-151-11  
11 cm, 4"

55-151-13  
13 cm, 5"



Smooth  
Glatt  
Lisc  
Lisses  
Liscie

**BARRAQUER**  
55-151-11  
55-151-13

55-155-13  
13 cm, 5"



55-157-15  
15 cm, 6"

**BARRAQUER**  
55-155-13  
55-157-15

Smooth  
Glatt  
Lisc  
Lisses  
Liscie



1/8" 55-160-13 13 cm, 5"  
 1/8" 55-161-13 13 cm, 5"  
 Smooth  
 Glatt  
 Lisc  
 Lisses  
 Liscie  
 1/8" 55-162-13 13 cm, 5"  
 1/8" 55-163-13 13 cm, 5"  
**CASTROVIEJO**  
 55-160-13  
 55-163-13

1/8" 55-164-14 14 cm, 5 1/2"  
 1/8" 55-164-18 18 cm, 7"  
 1/8" 55-164-20 20 cm, 8"  
 1/8" 55-165-18 18 cm, 7"  
 1/8" 55-165-20 20 cm, 8"  
 1/8" 55-165-20 20 cm, 8"  
 Smooth  
 Glatt  
 Lisc  
 Lisses  
 Liscie  
 1/8" 55-166-14 14 cm, 5 1/2"  
 1/8" 55-166-18 18 cm, 7"  
 1/8" 55-166-20 20 cm, 8"  
 1/8" 55-167-18 18 cm, 7"  
 1/8" 55-167-20 20 cm, 8"  
 1/8" 55-167-20 20 cm, 8"  
**CASTROVIEJO**  
 55-164-14  
 55-167-20

1/8" 55-170-14 14 cm, 5 1/2"  
 1/8" 55-171-14 14 cm, 5 1/2"  
 1/8" 55-170-18 18 cm, 7"  
 1/8" 55-171-18 18 cm, 7"  
 Smooth  
 Glatt  
 Lisc  
 Lisses  
 Liscie  
**CASTROVIEJO**  
 55-170-14  
 55-171-18

1/8" 55-180-12 12 cm, 4 3/4"  
 1/8" 55-181-12 12 cm, 4 3/4"  
 1/8" 55-180-14 14 cm, 5 1/2"  
 1/8" 55-181-14 14 cm, 5 1/2"  
 Smooth  
 Glatt  
 Lisc  
 Lisses  
 Liscie  
**BARRAQUER**  
 55-180-12  
 55-181-14

1/8" 55-182-12 12 cm, 4 3/4"  
 1/8" 55-183-12 12 cm, 4 3/4"  
 1/8" 55-182-14 14 cm, 5 1/2"  
 1/8" 55-183-14 14 cm, 5 1/2"  
 Smooth  
 Glatt  
 Lisc  
 Lisses  
 Liscie  
**CASTROVIEJO**  
 55-182-12  
 55-182-14



**KALT**  
55-200-14  
14 cm, 5½"



**STEVENS**  
55-208-13 13 cm, 5"  
55-208-15 15 cm, 6"



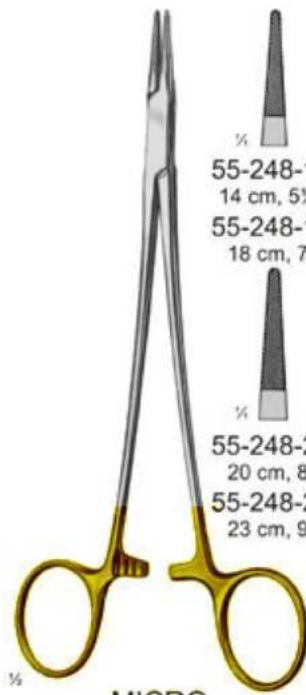
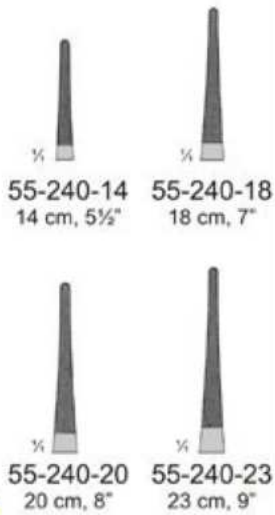
**BOYNTON**  
55-210-12  
12 cm, 4¾"



**ARRUGA**  
55-212-16  
16 cm, 6¼"



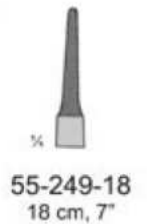
**HEGAR VASCULAR**  
55-240-14  
55-240-23



**MICRO VASCULAR**  
55-248-14  
55-248-23

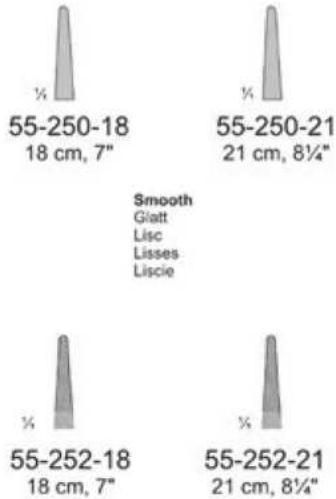


**PARELL**  
55-249-18

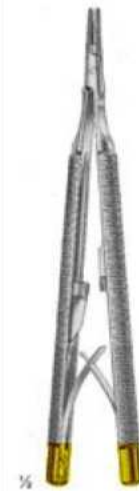
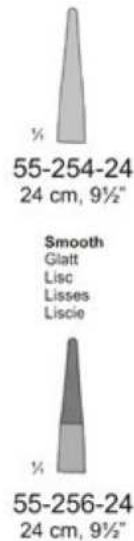




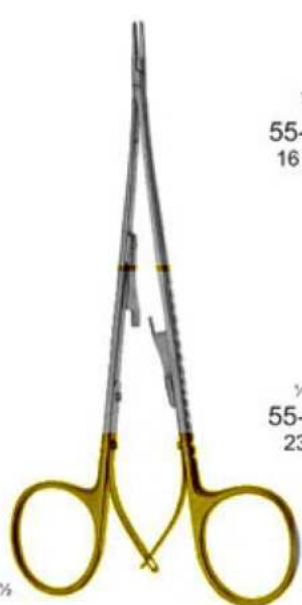
**JACOBSON**  
55-250-18  
55-152-21



**GIANNINI**  
55-254-24  
55-256-24

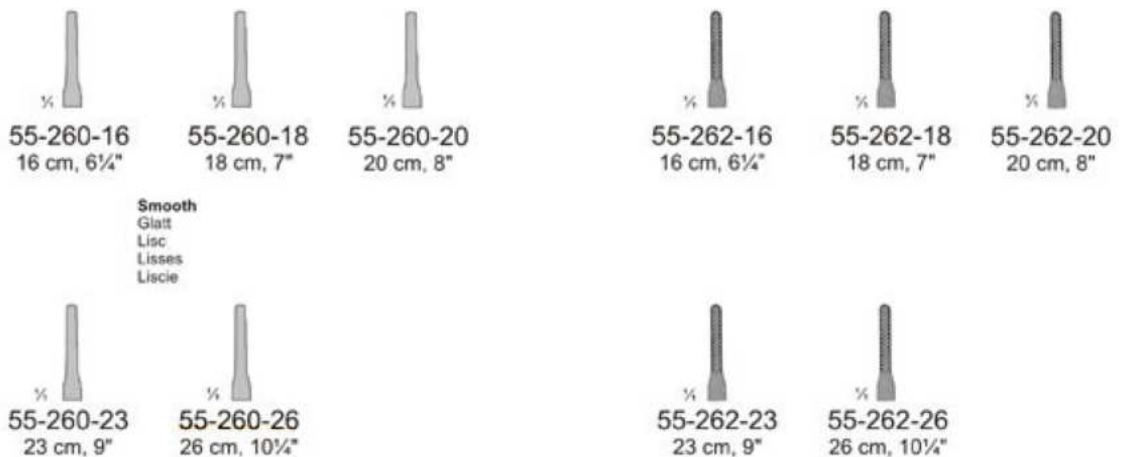


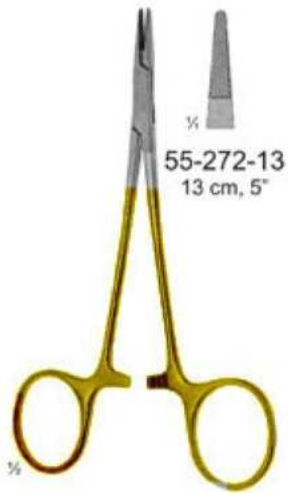
**CASTROVIEJO**  
55-256-13  
55-258-13



$\frac{1}{4}$

**DIETRICH**  
55-260-16  
55-262-26





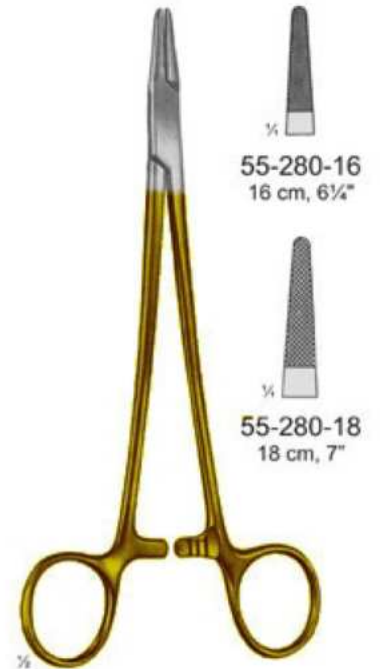
**HALSEY**  
55-272-13



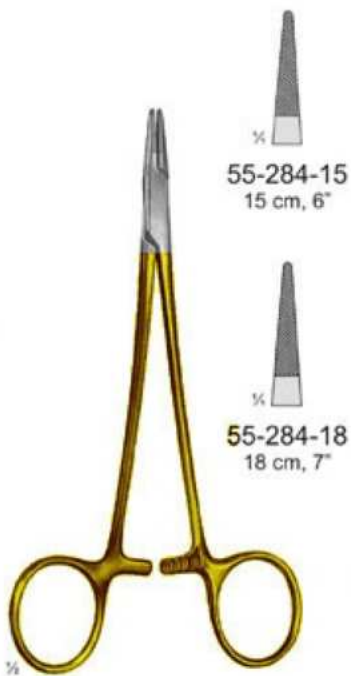
**WEBSTER**  
55-274-13



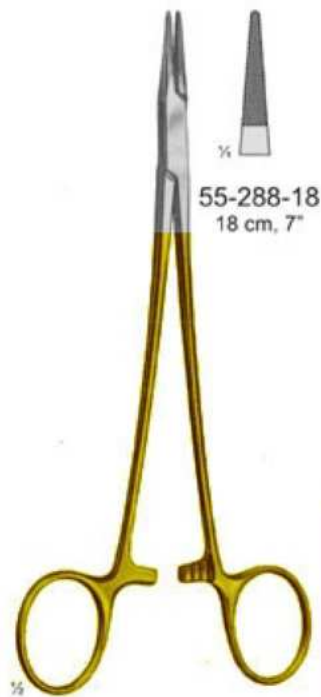
**BAUMGARTNER**  
55-278-13



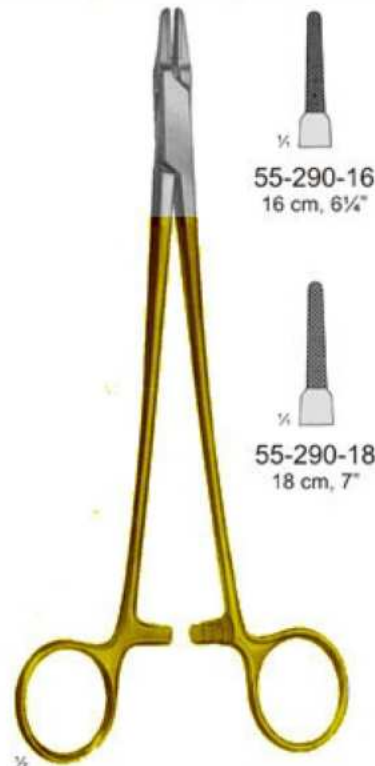
**MAYO-HEGAR**  
55-280-16  
55-280-18



**CRILE-WOOD**  
55-284-15  
55-284-18



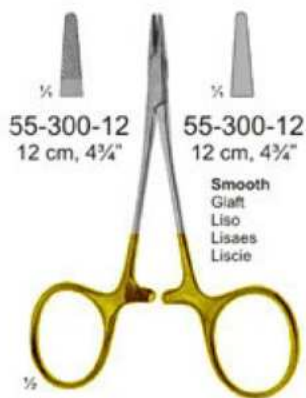
**DEBAKEY**  
55-288-18



**FRENCH EYE (RYDER)**  
55-290-16  
55-290-18



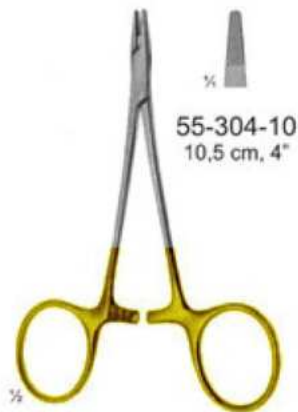
**NEIVERT**  
55-292-13  
13 cm, 5"



55-300-12 12 cm, 4 3/4"  
 55-300-12 12 cm, 4 3/4"

Smooth  
Graft  
Liso  
Lissaes  
Liscie

**DERF**  
55-300-12  
55-300-12



55-304-10  
10,5 cm, 4"

**CONVERSE**  
55-304-10



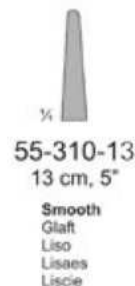
55-308-13  
13 cm, 5"

**NEIVERT**  
55-308-13



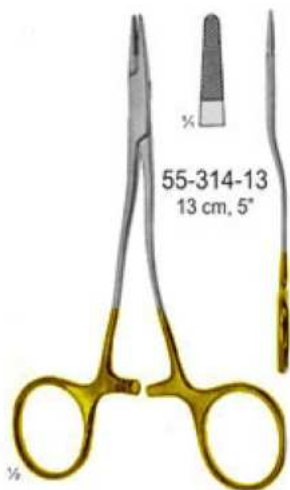
55-310-13  
13 cm, 5"

**HALSEY**  
55-310-13  
55-310-13



55-310-13  
13 cm, 5"

Smooth  
Graft  
Liso  
Lissaes  
Liscie



55-314-13  
13 cm, 5"

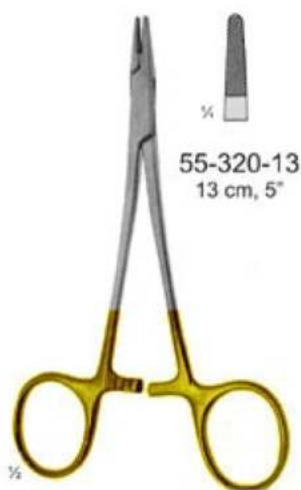
**KILNER**  
55-314-13



55-318-13  
13 cm, 5"

Smooth  
Graft  
Liso  
Lissaes  
Liscie

**WEBSTER**  
55-318-13



55-320-13  
13 cm, 5"

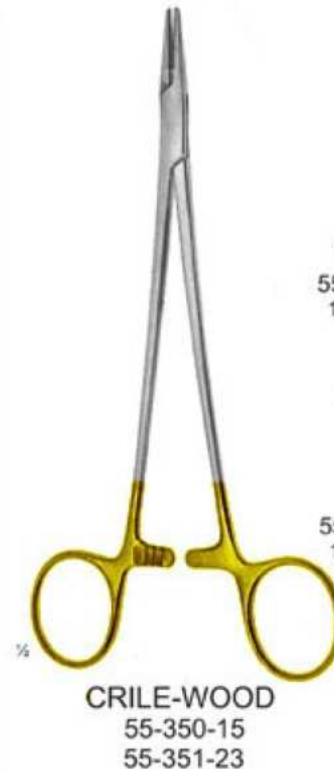
**BAUMGARTNER**  
55-320-13

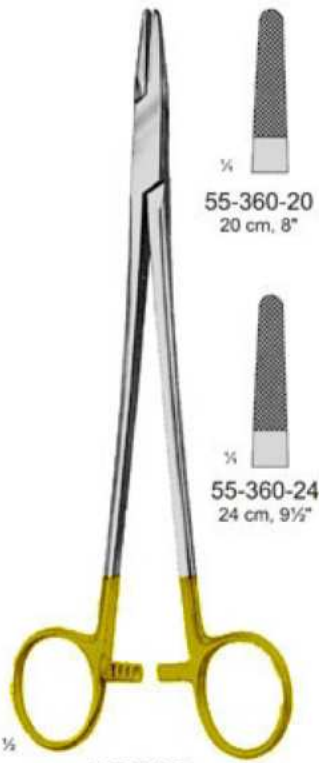


55-322-14  
14 cm, 5 1/4"

**HEGAR  
BAUMGARTNER**  
55-322-14







1/4  
55-360-20  
20 cm, 8"

1/4  
55-360-24  
24 cm, 9 1/2"

**HEGAR  
VASCULAR**  
55-360-20  
55-360-24



1/4  
55-380-13  
13 cm, 5"  
55-380-14  
14,5 cm, 5 1/2"  
55-380-15  
15 cm, 6"

1/4  
55-380-18  
18 cm, 7"

1/4  
55-380-20  
20 cm, 8"

1/4  
55-380-23  
23 cm, 9"  
55-380-26  
26 cm, 10 1/4"

**RYDER**  
55-380-13  
55-380-26



1/4 1/4 1/4  
55-382-13 55-382-15 55-382-18  
13 cm, 5" 15 cm, 6" 18 cm, 7"

1/4 1/4 1/4  
55-382-20 55-382-23 55-382-26  
20 cm, 8" 23 cm, 9" 26 cm, 10 1/4"

**RYDER-VASCULAR**  
55-382-13  
55-384-26

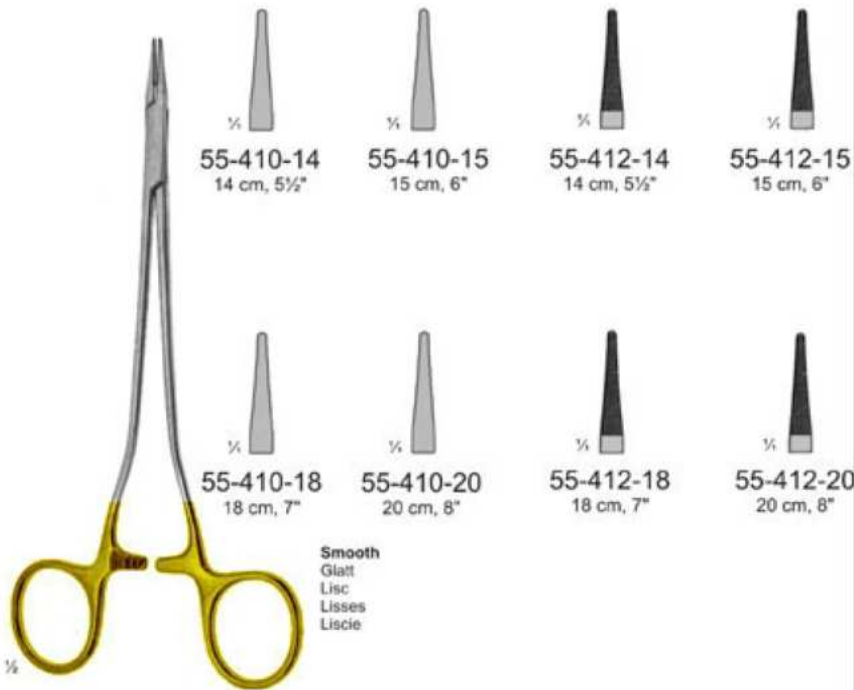
1/4 1/4 1/4  
55-384-13 55-384-15 55-384-18  
13 cm, 5" 15 cm, 6" 18 cm, 7"

1/4 1/4 1/4  
55-384-20 55-384-23 55-384-26  
20 cm, 8" 23 cm, 9" 26 cm, 10 1/4"



1/4  
55-400-27  
27 cm, 10 1/2"

**WANGENSTEEN**  
55-400-27



55-410-14  
14 cm, 5½"

55-410-15  
15 cm, 6"

55-412-14  
14 cm, 5½"

55-412-15  
15 cm, 6"

55-410-18  
18 cm, 7"

55-410-20  
20 cm, 8"

55-412-18  
18 cm, 7"

55-412-20  
20 cm, 8"

Smooth  
Glatt  
Lisc  
Lisses  
Liscie

**EUFRATE PASQUE**  
55-410-14  
55-412-20



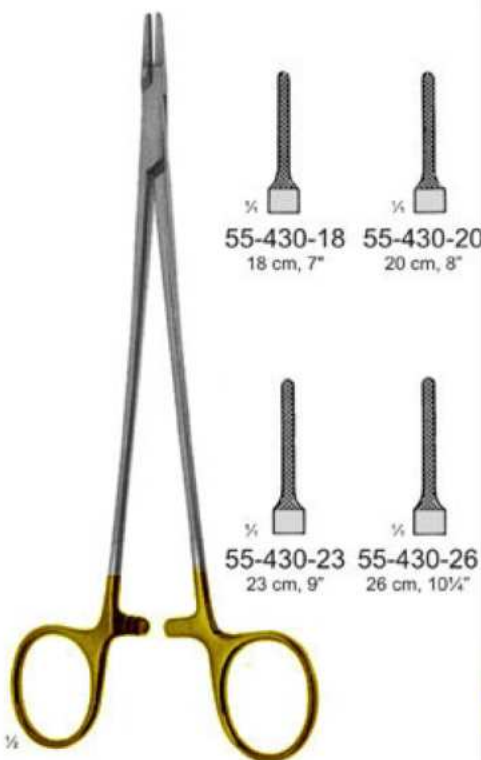
55-420-16  
16 cm, 6¼"

55-420-18  
18 cm, 7"

55-420-20  
20 cm, 8"

55-420-26  
26 cm, 10¼"

**FRENCH EYE**  
55-420-16  
55-420-26



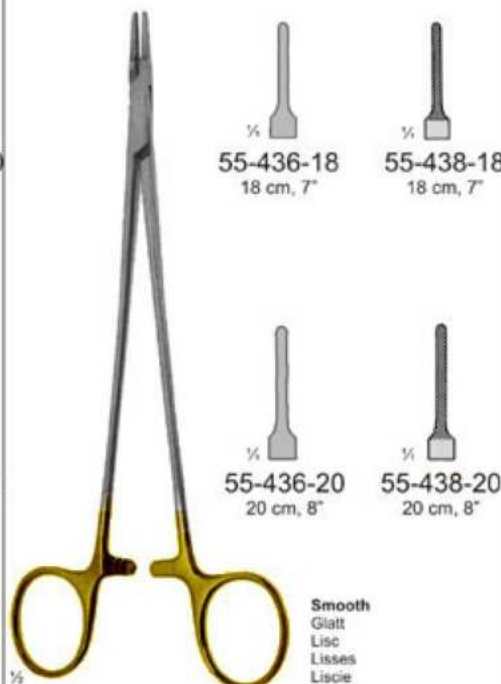
55-430-18  
18 cm, 7"

55-430-20  
20 cm, 8"

55-430-23  
23 cm, 9"

55-430-26  
26 cm, 10¼"

**INTRACARDIAC**  
55-430-18  
55-430-26



55-436-18  
18 cm, 7"

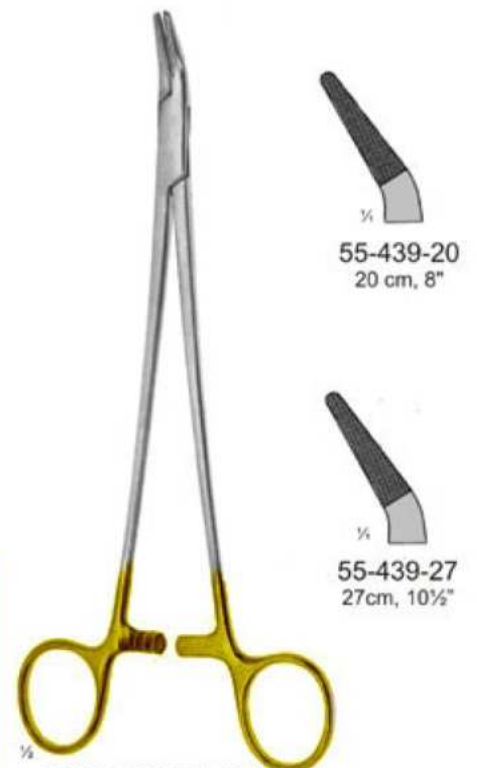
55-438-18  
18 cm, 7"

55-436-20  
20 cm, 8"

55-438-20  
20 cm, 8"

**INTRACARDIAC**  
55-436-18  
55-438-20

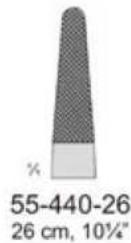
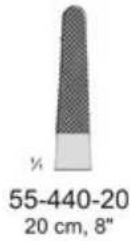
Smooth  
Glatt  
Lisc  
Lisses  
Liscie



55-439-20  
20 cm, 8"

55-439-27  
27cm, 10½"

**FINOCCHIETTO**  
55-439-20  
55-439-27

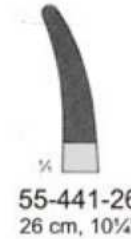


**BOZEMANN**  
55-440-20  
55-440-28



55-443-23  
23 cm, 9"

55-445-23  
23 cm, 9"



**HEANEY**  
55-441-20  
55-441-26



**STRATTE**  
55-443-23  
55-445-23

**Needle Holders with tungsten carbide inserts**

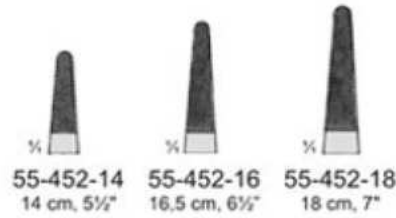
Nadelhalter mit Hartmetalleinlagen  
Porta-agujas con bocas de carburo tungsteno  
Porte-aiguilles avec mors en tungstène  
Portaghi con morsi in carburo di tungsteno



**OLSEN-HEGAR MINI**  
55-450-12  
12 cm, 4 3/4"



**OLSEN-HEGAR**  
55-452-14  
55-452-18



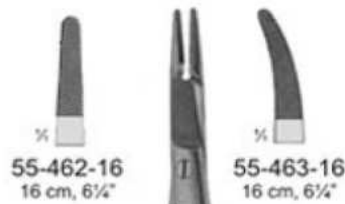
**OLSEN-HEGAR**  
55-456-12  
55-456-18



**GILLIES-MINI**  
55-460-15  
15 cm, 6"










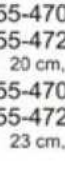
**GILLIES**  
55-462-16  
55-463-16











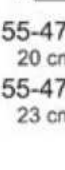
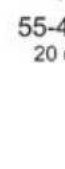

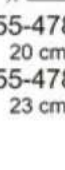


**GILLIES**  
55-465-16  
16 cm, 6 1/4"



	 1/4 55-460-17 17 cm, 6 1/2"		 1/4 55-461-17 17 cm, 6 1/2"
	 1/4 55-460-19 19 cm, 7 1/2"		 1/4 55-461-19 19 cm, 7 1/2"
<b>MATHIEU-STILLE</b> 55-460-17 55-460-19		<b>MATHIEU-STILLE</b> 55-461-17 55-461-19	

	 1/4 55-470-14 55-472-14 14 cm, 5 1/2"		 1/4 55-470-17 55-472-17 17 cm, 6 1/2"
	 1/4 55-470-20 55-472-20 20 cm, 8"		 1/4 55-470-23 55-472-23 23 cm, 9"
<b>MATHIEU</b> 55-470-14 55-470-23		<b>MATHIEU</b> 55-472-14 55-472-23	

	 1/4 55-474-14 14 cm, 5 1/2"	 1/4 55-474-17 17 cm, 6 1/2"		 1/4 55-476-14 14 cm, 5 1/2"	 1/4 55-476-17 17 cm, 6 1/2"		 1/4 55-478-14 14 cm, 5 1/2"	 1/4 55-478-17 17 cm, 6 1/2"
	 1/4 55-474-20 20 cm, 8"	 1/4 55-474-23 23 cm, 9"		 1/4 55-476-20 20 cm, 8"	 1/4 55-478-20 20 cm, 8"		 1/4 55-478-23 23 cm, 9"	
	<b>MATHIEU</b> 55-474-14 55-474-23			<b>MATHIEU KOCHER</b> 55-476-14 55-476-20			<b>MATHIEU GRAZIL</b> 55-478-14 55-478-23	

