



PRECISION[™]
SURGICAL WORKS

SUTURE

Naht
Sutura
Suture
Sutura



Dorf Needle Holder
One Fenestrated Jaw

Catalog #	Size
PRO-13-010-12	12 cm (4 ¾")



Converse Needle Holder
Jaw With Longitudinal Serrations

Catalog #	Size
PRO-13-012-12	13 cm (5")



Collier Needle Holder
One Grooved Jaws

Catalog #	Size
PRO-13-016-12	12.5 cm (5")



Webster Needle Holder
Smooth Jaws

Catalog #	Size
PRO-13-020-13	13 cm (5")





Halsey Needle Holder
Smooth Jaws

Catalog #	Size
PRO-13-024-13	13.5 cm (5 1/4")

Halsey Needle Holder
Serrated Jaws

Catalog #	Size
PRO-13-026-13	13.5 cm (5 1/4")



Kilner Needle Holder

Catalog #	Size
PRO-13-029-13	13.5 cm (5 1/4")

Neivert Needle Holder
Smooth Jaws With Special Groove

Catalog #	Size
PRO-13-032-13	12.5 cm (5")



Doyen Needle Holder

Catalog #	Size
PRO-13-034-13	12.5 cm (5")



Hegar-Baumgartner Needle Holder

Catalog #	Size
PRO-13-038-14	14.5 cm (5 3/4")



Brown Needle Holder
Heavy Pattern

Catalog #	Size
PRO-13-040-13	13 cm (5")
PRO-13-040-18	18 cm (7")



Lawrence Needle Holder

Catalog #	Size
PRO-13-042-15	15 cm (6")



Crile-Murray Needle Holder
Slender Pattern

Catalog #	Size
PRO-13-046-15	15 cm (6")



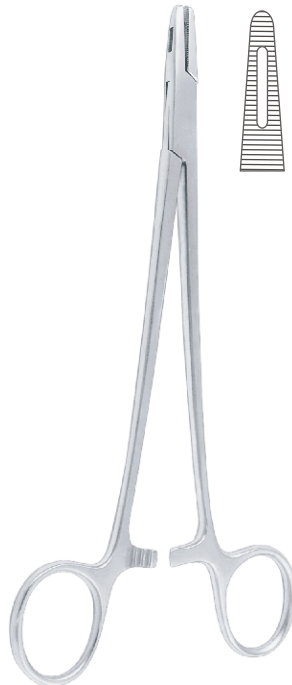
Crile-Wood Needle Holder

Catalog #	Size
PRO-13-050-15	15 cm (6")
PRO-13-050-18	18 cm (7")
PRO-13-050-20	20 cm (8")



Adson Needle Holder
One Fenestrated Jaw

Catalog #	Size
PRO-13-052-18	18 cm (7")



Metzenbaum Needle Holder
One Grooved and Fenestrated Jaws

Catalog #	Size
PRO-13-054-18	18.5 cm (7 1/4")



M.G. Hospital Needle Holder
Heavy Pattern

Catalog #	Size
PRO-13-056-17	17.5 cm (7")



Mayo-Hegar Needle Holder

Catalog #	Size
PRO-13-060-14	14.5 cm (5 ¾")
PRO-13-060-16	16 cm (6 ¼")
PRO-13-060-18	18.5 cm (7 ¼")
PRO-13-060-20	20.5 cm (8")
PRO-13-060-24	24 cm (9 ½")
PRO-13-060-26	26.5 cm (10 ½")
PRO-13-060-30	30.5 cm (12")



Mayo-Hegar (Delicate) Needle Holder
Slender Pattern

Catalog #	Size
PRO-13-062-16	16 cm (6 ¼")
PRO-13-062-18	18.5 cm (7 ¼")
PRO-13-062-20	20.5 cm (8")





Sarot Needle Holder

Catalog #	Size
PRO-13-068-18	18 cm (7")
PRO-13-068-26	25.5 cm (10")



Heaney Needle Holder

Catalog #	Size
PRO-13-070-21	20.5 cm (8")



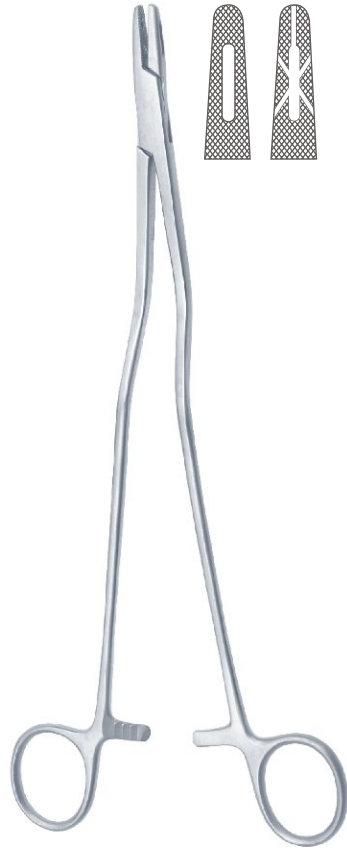
Jameson Needle Holder

Catalog #	Size
PRO-13-072-23	23.5 cm (9 ¼")



Masson Needle Holder

Catalog #	Size
PRO-13-074-27	26.5 cm (10 ½")



Masson-Luethy Needle Holder

Catalog #	Size
PRO-13-077-26	25.5 cm (10")



Finochietto Needle Holder

Catalog #	Size
PRO-13-079-27	26.5 cm (10 1/2")



Wangensteen Needle Holder

Catalog #	Size
PRO-13-082-27	26.5 cm (10 1/2")



Johnson Needle Holder

Catalog #	Size
PRO-13-085-27	27 cm (10 3/4")



Stratte Needle Holder

Catalog #	Size
PRO-13-087-20	20 cm (8")
PRO-13-087-23	23 cm (9")

Olsen-Hegar Needle Holder

Catalog #	Size
PRO-13-090-14	14 cm (5 ½")
PRO-13-090-18	18.5 cm (7 ¼")



Gillies Needle Holder

Catalog #	Size
PRO-13-094-16	16 cm (6 ¼")

Mathieu Needle Holder

Catalog #	Size
PRO-13-100-14	14 cm (5 ½")
PRO-13-100-17	17 cm (6 ¾")
PRO-13-100-20	20 cm (8")





Mathieu (Delicate) Needle Holder

Catalog #	Size
PRO-13-102-14	14 cm (5 ½")
PRO-13-102-17	16.5 cm (6 ½")

Lichtenberg Needle Holder

Catalog #	Size
PRO-13-110-20	20 cm (8")
PRO-13-110-25	25 cm (9 ¾")



Zweifel Needle Holder

Catalog #	Size
PRO-13-120-20	20 cm (8")
PRO-13-120-23	23 cm (9")

Hoesel Needle Holder

Catalog #	Size
PRO-13-124-25	25 cm (9 ¾")





Crile Needle Holder

Catalog #	Size
PRO-13-130-15	15 cm (6")

Toennis Needle Holder

Catalog #	Size
PRO-13-134-18	18.5 cm (7 ¼")



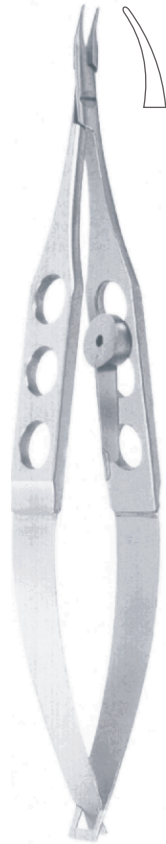
Langenbeck Needle Holder

Catalog #	Size
PRO-13-140-16	16 cm (6 ¼")
PRO-13-140-18	18 cm (7")
PRO-13-140-20	20 cm (8")

McPherson Micro Needle Holder
Straight, Very Delicate, Without Lock

Catalog #	Size
PRO-13-200-10	10 cm (4")





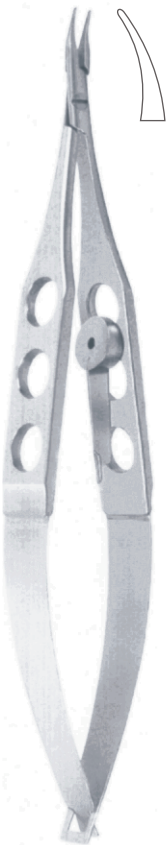
McPherson Micro Needle Holder
Curved, Very Delicate, Without Lock

Catalog #	Size
PRO-13-201-10	10 cm (4")



McPherson Micro Needle Holder
Straight, Very Delicate, With Lock

Catalog #	Size
PRO-13-202-10	10 cm (4")



McPherson Micro Needle Holder
Curved, Very Delicate, With Lock

Catalog #	Size
PRO-13-203-10	10 cm (4")



Castroviejo Micro Needle Holder
Straight, Delicate

Catalog #	Size
PRO-13-210-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Delicate

Catalog #	Size
PRO-13-211-14	14 cm (5 ½")



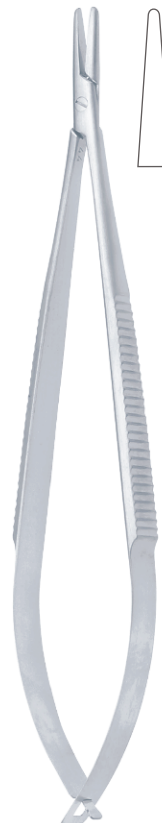
Castroviejo Micro Needle Holder
Straight, Delicate, With Lock

Catalog #	Size
PRO-13-212-14	14 cm (5 ½")



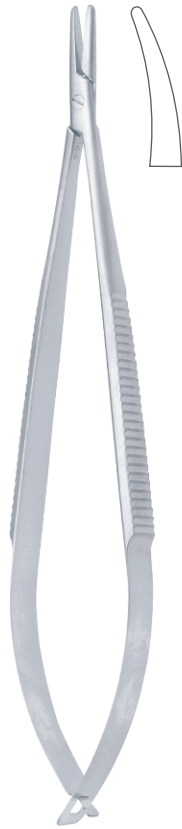
Castroviejo Micro Needle Holder
Curved, Delicate, With Lock

Catalog #	Size
PRO-13-213-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Straight, Standard, Without Lock

Catalog #	Size
PRO-13-220-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Standard, Without Lock

Catalog #	Size
PRO-13-221-14	14 cm (5 ½")

Castroviejo Micro Needle Holder
Straight, Standard, With Lock

Catalog #	Size
PRO-13-222-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Standard, With Lock

Catalog #	Size
PRO-13-223-14	14 cm (5 ½")

Jacobson Micro Needle Holder
Straight, Without Lock

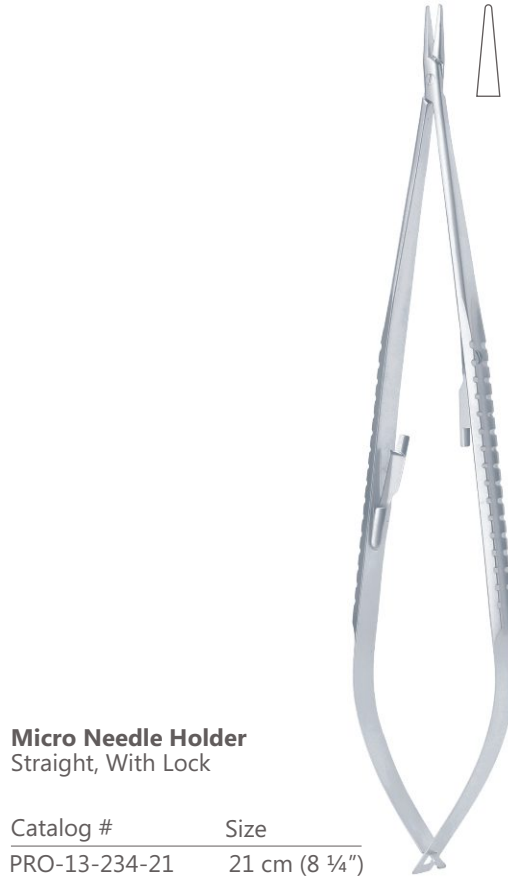
Catalog #	Size
PRO-13-230-18	18.5 cm (7 ¼")





Jacobson Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-231-18	18.5 cm (7 ¼")



Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-234-21	21 cm (8 ¼")



Yasargil Micro Needle Holder
Straight

Catalog #	Size
PRO-13-238-16	16 cm (6 ¼")



Yasargil Micro Needle Holder
Curved

Catalog #	Size
PRO-13-239-16	16 cm (6 ¼")

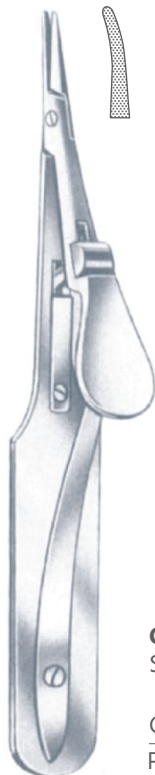
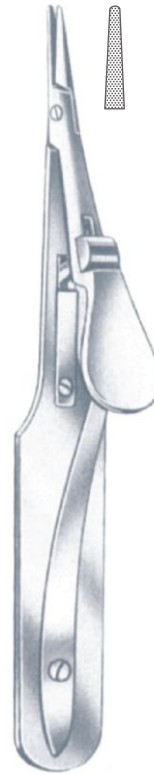


Kalt Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-246-14	13.5 cm (5 ¼")

Arruga Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-250-14	13.5 cm (5 ¼")



Arruga Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-251-14	13.5 cm (5 ¼")

Castroviejo Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-260-13	13 cm (5")





Castroviejo Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-261-13	13 cm (5")

Arruga Needle Holder
Straight, With Ratchet

Catalog #	Size
PRO-13-266-16	16 cm (6 ¼")



Arruga Needle Holder
Curved, With Ratchet

Catalog #	Size
PRO-13-267-16	16 cm (6 ¼")

Micro Needle Holder
Curved, Bayonet Shaped, Smooth Jaws

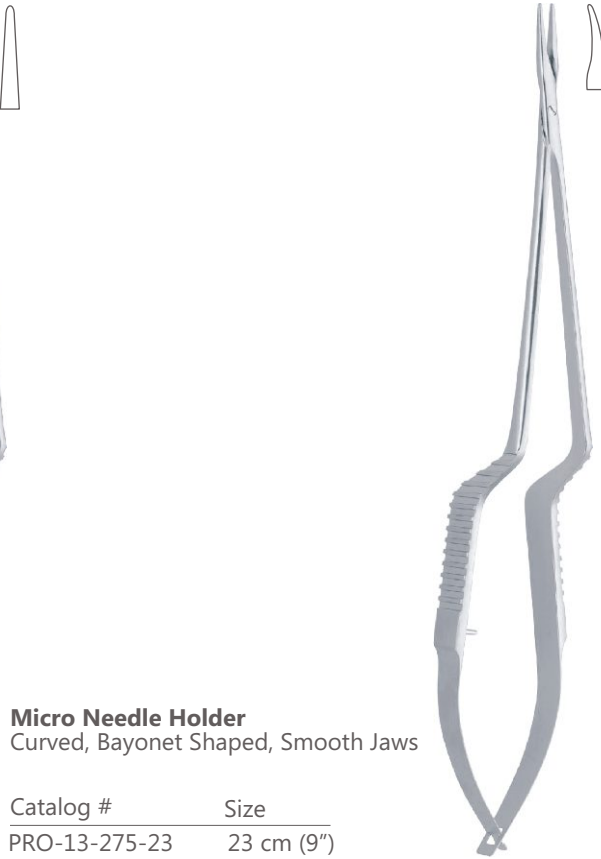
Catalog #	Size
PRO-13-271-16	16 cm (6 ¼")





Micro Needle Holder
Straight, Bayonet Shaped, Smooth Jaws

Catalog #	Size
PRO-13-274-23	23 cm (9")



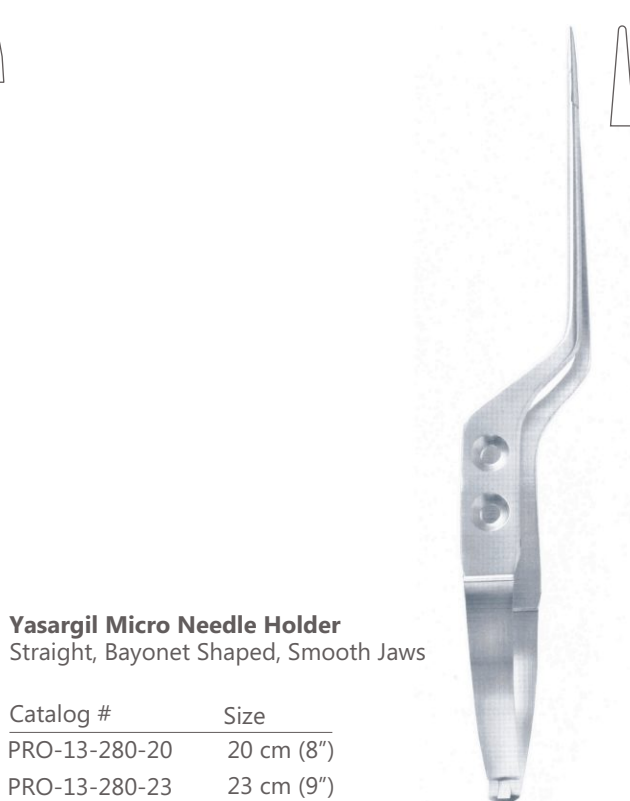
Micro Needle Holder
Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
PRO-13-275-23	23 cm (9")



Micro Needle Holder
Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
PRO-13-277-19	19 cm (7 ½")



Yasargil Micro Needle Holder
Straight, Bayonet Shaped, Smooth Jaws

Catalog #	Size
PRO-13-280-20	20 cm (8")
PRO-13-280-23	23 cm (9")



Yasargil Micro Needle Holder

Curved, Bayonet Shaped, Smooth Jaws

Catalog #	Size
PRO-13-281-20	20 cm (8")
PRO-13-281-23	23 cm (9")

Barraquer-Troutman Micro Needle Holder

Straight, Extra Delicate, Round Handle

Catalog #	Size
PRO-13-300-10	10 cm (4")



Barraquer-Troutman Micro Needle Holder

Curved, Extra Delicate, Round Handle

Catalog #	Size
PRO-13-301-10	10.5 cm (4")

Barraquer-Troutman Micro Needle Holder

Straight, Very Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-310-10	10.5 cm (4")
PRO-13-310-11	11.5 cm (4½")





Barraquer-Troutman Micro Needle Holder
Curved, Very Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-311-10	10.5 cm (4")
PRO-13-311-11	11.5 cm (4 ½")



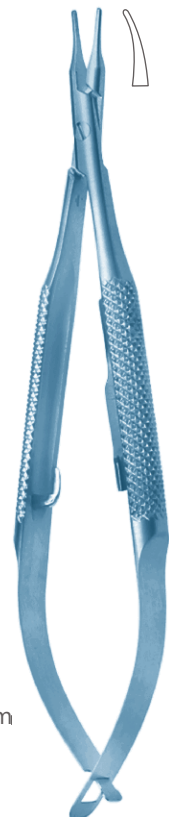
Barraquer Micro Needle Holder
Curved, Delicate, Round Handle

Catalog #	Size
PRO-13-313-11	11.5 cm (4 ½")



Barraquer Micro Needle Holder
Curved, Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-315-11	11.5 cm (4 ½")



Titan Barraquer Micro Needle Holder
Curved, Delicate, Round Handle, With Lock, Titanium

Catalog #	Size
PRO-13-315-11 T	11.5 cm (4 ½")



Barraquer Micro Needle Holder
Straight, Very Delicate, Round Handle

Catalog #	Size
PRO-13-320-13	13 cm (5")



Barraquer Micro Needle Holder
Curved, Very Delicate, Round Handle

Catalog #	Size
PRO-13-321-13	13 cm (5")



Barraquer Micro Needle Holder
Straight, Very Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-322-13	13 cm (5")



Barraquer Micro Needle Holder
Curved, Very Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-323-13	13 cm (5")

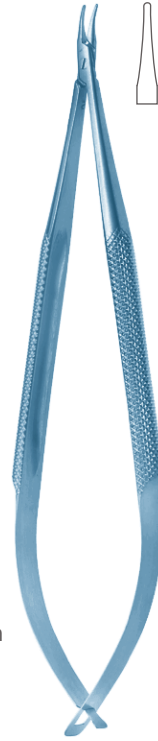


Barraquer Micro Needle Holder
Curved, Very Delicate, Round Handle

Catalog #	Size
PRO-13-331-14	14 cm (5 ½")

Barraquer Micro Needle Holder
Curved, Very Delicate, Round Handle, Titanium

Catalog #	Size
PRO-13-331-14 T	14 cm (5 ½")

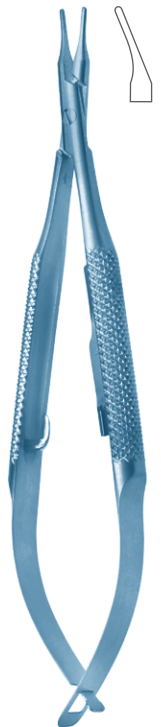


Barraquer Micro Needle Holder
Curved, Very Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-333-14	14 cm (5 ½")

Barraquer Micro Needle Holder
Curved, Very Delicate, Round Handle, With Lock, Titanium

Catalog #	Size
PRO-13-333-14 T	14 cm (5 ½")





Troutman Micro Needle Holder
Strongly Curved, Delicate, Round Handle

Catalog #	Size
PRO-13-341-12	12 cm (4 ¾")



Troutman Micro Needle Holder
Strongly Curved, Delicate, Round Handle, With Lock

Catalog #	Size
PRO-13-343-12	12 cm (4 ¾")



Reill Micro Needle Holder
Straight

Catalog #	Size
PRO-13-350-15	15 cm (6")



Reill Micro Needle Holder
Curved

Catalog #	Size
PRO-13-351-15	15 cm (6")



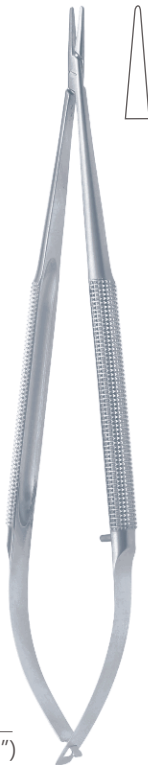
Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-352-15	15 cm (6")



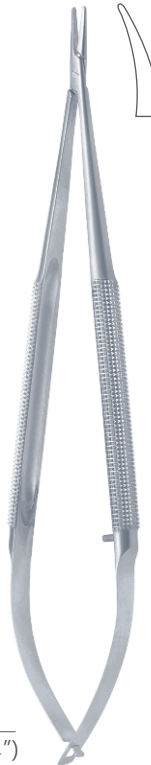
Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-353-15	15 cm (6")



Micro Needle Holder
Straight

Catalog #	Size
PRO-13-354-18	18.5 cm (7 ¼")



Micro Needle Holder
Curved

Catalog #	Size
PRO-13-355-18	18.5 cm (7 ¼")



Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-356-18	18.5 cm (7 1/4")



Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-357-18	18.5 cm (7 1/4")



Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-360-20	20 cm (8")



Micro Needle Holder
Straight, Delicate, With Lock

Catalog #	Size
PRO-13-362-23	23 cm (9")



Castroviejo Micro Needle Holder
Straight, Extra Delicate

Catalog #	Size
PRO-13-400-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Extra Delicate

Catalog #	Size
PRO-13-401-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Straight, Extra Delicate, With Lock

Catalog #	Size
PRO-13-402-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Extra Delicate, With Lock

Catalog #	Size
PRO-13-403-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Straight, Very Delicate

Catalog #	Size
PRO-13-404-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Very Delicate

Catalog #	Size
PRO-13-405-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Straight, Very Delicate, With Lock

Catalog #	Size
PRO-13-406-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Curved, Very Delicate, With Lock

Catalog #	Size
PRO-13-407-14	14 cm (5 ½")



Castroviejo Micro Needle Holder
Straight, Delicate

Catalog #	Size
PRO-13-410-18	18 cm (7")



Castroviejo Micro Needle Holder
Curved, Delicate

Catalog #	Size
PRO-13-411-18	18 cm (7")



Castroviejo Micro Needle Holder
Straight, Delicate, With Lock

Catalog #	Size
PRO-13-412-18	18 cm (7")

Castroviejo Micro Needle Holder
Curved, Delicate, With Lock

Catalog #	Size
PRO-13-413-18	18 cm (7")



Micro Needle Holder
Straight, Without Lock

Catalog #	Size
PRO-13-420-14	14 cm (5 ½")
PRO-13-420-18	18 cm (7")
PRO-13-420-21	21 cm (8 ¼")
PRO-13-420-23	23 cm (9")

Micro Needle Holder
Straight, With Lock

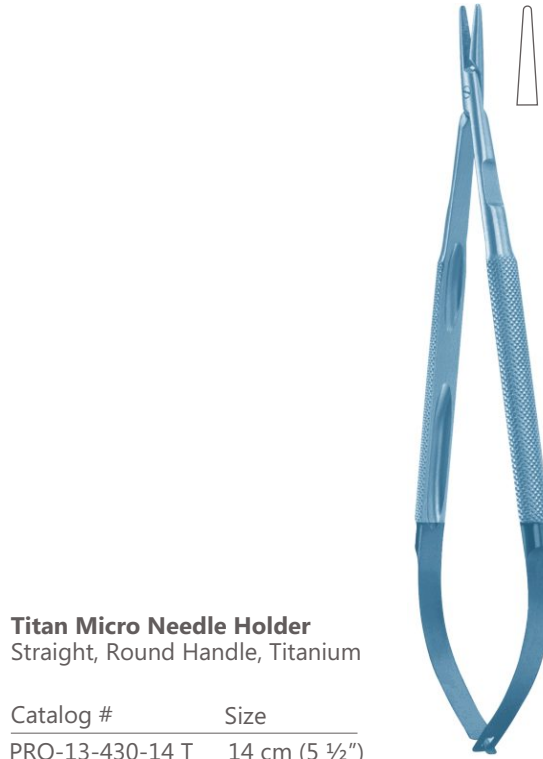
Catalog #	Size
PRO-13-422-14	14 cm (5 ½")
PRO-13-422-18	18 cm (7")
PRO-13-422-21	21 cm (8 ¼")
PRO-13-422-23	23 cm (9")





Micro Needle Holder
Straight, Round Handle

Catalog #	Size
PRO-13-430-14	14 cm (5 ½")



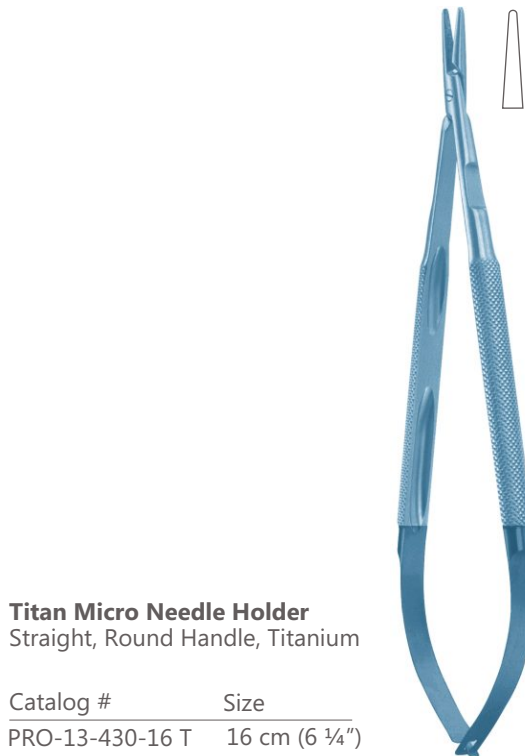
Titan Micro Needle Holder
Straight, Round Handle, Titanium

Catalog #	Size
PRO-13-430-14 T	14 cm (5 ½")



Micro Needle Holder
Straight, Round Handle

Catalog #	Size
PRO-13-430-16	16 cm (6 ¼")



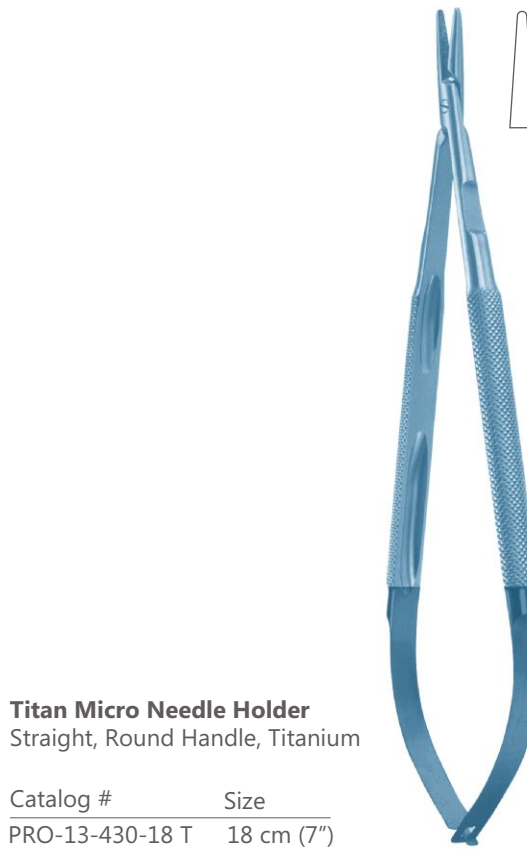
Titan Micro Needle Holder
Straight, Round Handle, Titanium

Catalog #	Size
PRO-13-430-16 T	16 cm (6 ¼")



Micro Needle Holder
Straight, Round Handle

Catalog #	Size
PRO-13-430-18	18 cm (7")



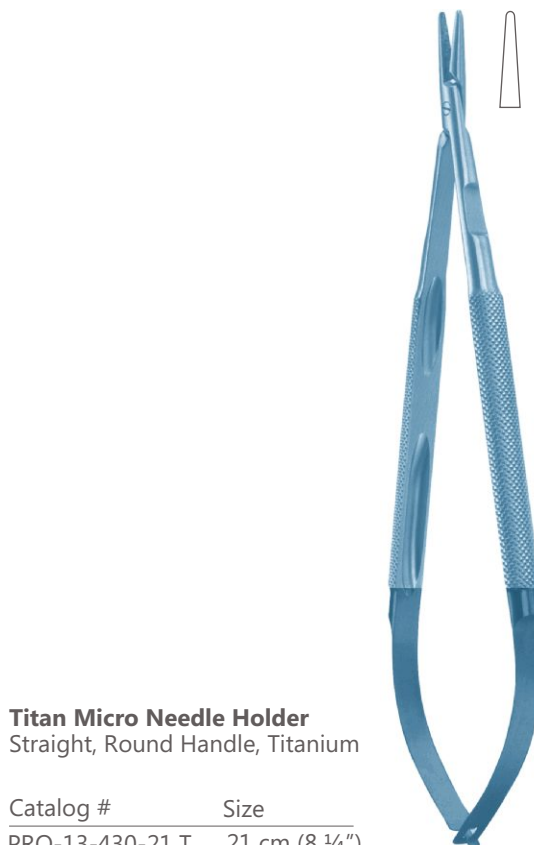
Titan Micro Needle Holder
Straight, Round Handle, Titanium

Catalog #	Size
PRO-13-430-18 T	18 cm (7")



Micro Needle Holder
Straight, Round Handle

Catalog #	Size
PRO-13-430-21	21 cm (8 1/4")



Titan Micro Needle Holder
Straight, Round Handle, Titanium

Catalog #	Size
PRO-13-430-21 T	21 cm (8 1/4")



Micro Needle Holder
Straight, Round Handle

Catalog #	Size
PRO-13-430-23	23 cm (9")



Micro Needle Holder
Straight, Round Handle, With Lock

Catalog #	Size
PRO-13-432-14	14 cm (5 1/2")



Titan Micro Needle Holder
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
PRO-13-432-14 T	14 cm (5 1/2")



Micro Needle Holder
Straight, Round Handle, With Lock

Catalog #	Size
PRO-13-432-16	16 cm (6 1/4")



Titan Micro Needle Holder
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
PRO-13-432-16 T	16 cm (6 1/4")

Micro Needle Holder
Straight, Round Handle, With Lock

Catalog #	Size
PRO-13-432-18	18 cm (7")



Titan Micro Needle Holder
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
PRO-13-432-18 T	18 cm (7")

Micro Needle Holder
Straight, Round Handle, With Lock

Catalog #	Size
PRO-13-432-21	21 cm (8 1/4")





Titan Micro Needle Holder
Straight, Round Handle, With Lock, Titanium

Catalog #	Size
PRO-13-432-21 T	21 cm (8 ¼")



Micro Needle Holder
Straight, Round Handle, With Lock

Catalog #	Size
PRO-13-432-23	23 cm (9")



Micro Needle Holder
Straight, Heavy Pattern, Round Handle

Catalog #	Size
PRO-13-440-19	19 cm (7 ½")
PRO-13-440-23	23 cm (9")
PRO-13-440-25	25 cm (9 ¾")



Micro Needle Holder
Straight, Heavy Pattern, Round Handle, With Lock

Catalog #	Size
PRO-13-442-19	19 cm (7 ½")
PRO-13-442-23	23 cm (9")
PRO-13-442-25	25 cm (9 ¾")



Castroviejo Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-450-12	12.5 cm (5")



Hepp-Scheidt Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-452-18	18.5 cm (7 ¼")



DeBakey Needle Holder

Catalog #	Size
PRO-13-460-15	15 cm (6")
PRO-13-460-18	18 cm (7")
PRO-13-460-20	20 cm (8")
PRO-13-460-23	23 cm (9")



Ryder Vascular Needle Holder

Catalog #	Size
PRO-13-470-13	13 cm (5")
PRO-13-470-15	15 cm (6")
PRO-13-470-18	18 cm (7")
PRO-13-470-22	22 cm (8 ¾")
PRO-13-470-25	25 cm (9 ¾")



TC Barraquer Micro Needle Holder
Curved, Smooth Jaws, Round Handle

Catalog #	Size
PRO-13-500-13	13 cm (5")



TC Barraquer Micro Needle Holder
Curved, Smooth Jaws, Round Handle , With Lock

Catalog #	Size
PRO-13-502-13	13 cm (5")



TC Castroviejo Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-510-14	14.5 cm (5 ¾")



TC Castroviejo Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-511-14	14.5 cm (5 ¾")



TC Castroviejo Micro Needle Holder
Straight, Smooth Jaws, With Lock

Catalog #	Size
PRO-13-512-14	14.5 cm (5 3/4")



TC Castroviejo Micro Needle Holder
Curved, Smooth Jaws, With Lock

Catalog #	Size
PRO-13-513-14	14.5 cm (5 3/4")



TC Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-520-18	18 cm (7")



TC Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-521-18	18 cm (7")



TC Jacobson Micro Needle Holder
Straight, With Lock

Catalog #	Size
PRO-13-530-21	21.5 cm (8 ½")



TC Jacobson Micro Needle Holder
Curved, With Lock

Catalog #	Size
PRO-13-531-21	21.5 cm (8 ½")



TC Castroviejo Micro Needle Holder
Smooth Jaws, With Lock

Catalog #	Size
PRO-13-540-13	12.5 cm (5")



TC Hepp-Scheidel Micro Needle Holder
Smooth Jaws, With Lock

Catalog #	Size
PRO-13-544-18	18.5 cm (7 ¼")



TC Diethrich Micro Needle Holder

Catalog #	Size
PRO-13-550-16	16 cm (6 ¼")
PRO-13-550-18	18 cm (7")
PRO-13-550-20	20 cm (8")
PRO-13-550-23	23 cm (9")
PRO-13-550-26	26 cm (10 ½")



TC Arruga Needle Holder
Straight

Catalog #	Size
PRO-13-560-16	16 cm (6 ¼")

TC Arruga Needle Holder
Curved

Catalog #	Size
PRO-13-561-16	16 cm (6 ¼")



TC Webster Needle Holder
With Automatic Release Ratchet

Catalog #	Size
PRO-13-564-13	13 cm (5")

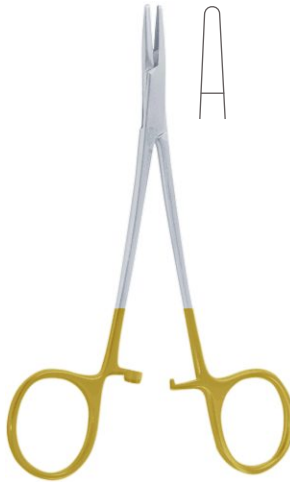
TC Crile-Wood Needle Holder
With Automatic Release Ratchet

Catalog #	Size
PRO-13-566-15	15 cm (6")



TC Webster Needle Holder
Smooth Jaws

Catalog #	Size
PRO-13-570-13	13 cm (5")



TC Kilner Needle Holder
S Shaped

Catalog #	Size
PRO-13-573-13	13 cm (5")



TC Derf Needle Holder

Catalog #	Size
PRO-13-576-12	12 cm (4 3/4")





TC Hegar-Baumgartner Needle Holder

Catalog #	Size
PRO-13-580-13	13 cm (5")
PRO-13-580-14	14.5 cm (5")

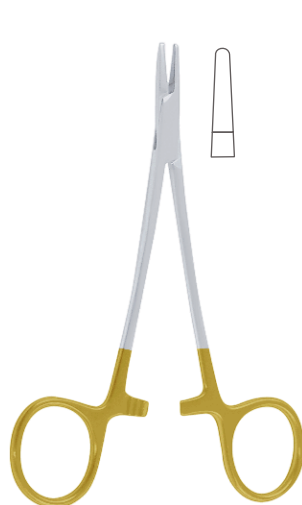


TC Halsey Needle Holder
Smooth Jaw

Catalog #	Size
PRO-13-584-13	13 cm (5")

TC Halsey Needle Holder

Catalog #	Size
PRO-13-586-13	13 cm (5")

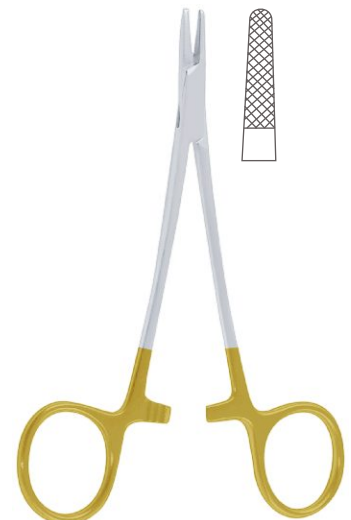


TC Webster Needle Holder
Smooth Jaw

Catalog #	Size
PRO-13-588-12	12 cm (4 3/4")

TC Converse Needle Holder

Catalog #	Size
PRO-13-590-12	12.5 cm (5")





TC Crile-Wood Needle Holder

Catalog #	Size
PRO-13-594-15	15 cm (6")
PRO-13-594-18	18 cm (7")
PRO-13-594-20	20 cm (8")



TC Sarot Needle Holder

Catalog #	Size
PRO-13-598-18	18 cm (7")
PRO-13-598-20	20 cm (8")
PRO-13-598-26	26 cm (10 ¼")

TC Mayo-Hegar Needle Holder

Catalog #	Size
PRO-13-600-14	14.5 cm (5 ¾")
PRO-13-600-16	16 cm (6 ¼")
PRO-13-600-18	18 cm (7")
PRO-13-600-20	20 cm (8")
PRO-13-600-24	24 cm (9 ½")
PRO-13-600-26	26 cm (10 ¼")
PRO-13-600-30	30 cm (11 ¾")



TC Hegar Needle Holder

Catalog #	Size
PRO-13-602-20	20 cm (8")
PRO-13-602-24	23.5 cm (9 ¼")



TC Heaney Needle Holder

Catalog #	Size
PRO-13-605-20	20 cm (8")
PRO-13-605-24	24 cm (9 ½")
PRO-13-605-26	26 cm (10 ¼")



**TC Bozemann Needle Holder
S Shaped**

Catalog #	Size
PRO-13-611-20	20.5 cm (8")
PRO-13-611-24	24 cm (9 ½")
PRO-13-611-26	26.5 cm (10 ½")
PRO-13-611-28	29 cm (11 ½")



TC Stratte Needle Holder

Catalog #	Size
PRO-13-615-21	21 cm (8 ¼")
PRO-13-615-23	23 cm (9")



TC Masson Needle Holder

Catalog #	Size
PRO-13-620-27	26.5 cm (10 1/2")



TC Wangensteen Needle Holder

Catalog #	Size
PRO-13-624-27	27 cm (10 3/4")



TC Needle Holder

Catalog #	Size
PRO-13-625-27	27 cm (10 3/4")



TC Finochietto Needle Holder

Catalog #	Size
PRO-13-627-27	26.5 cm (10 1/2")





TC Naunton-Morgan Needle Holder
Compound Action

Catalog #	Size
PRO-13-630-26	26 cm (10 ¼")



TC DeBakey Needle Holder

Catalog #	Size
PRO-13-650-18	18 cm (7")
PRO-13-650-20	20 cm (8")
PRO-13-650-23	23 cm (9")
PRO-13-650-26	26 cm (10 ¼")
PRO-13-650-31	31 cm (12 ¼")

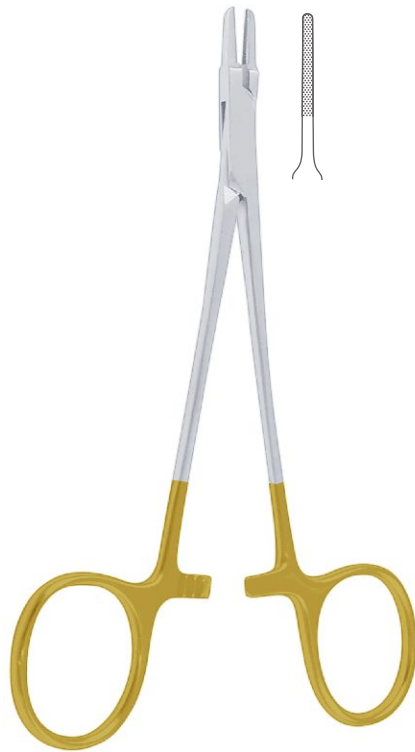
TC Ryder Needle Holder

Catalog #	Size
PRO-13-660-13	12.5 cm (5")
PRO-13-660-15	15 cm (6")
PRO-13-660-18	18 cm (7")
PRO-13-660-20	20 cm (8")
PRO-13-660-23	23 cm (9")
PRO-13-660-26	26 cm (10 ¼")



TC Ryder-Vascular Needle Holder

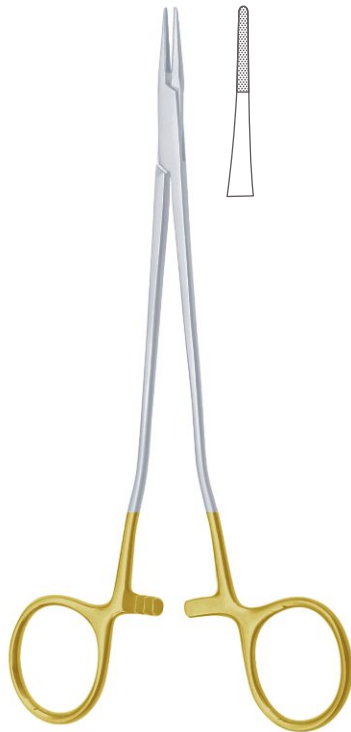
Catalog #	Size
PRO-13-664-13	12.5 cm (5")
PRO-13-664-15	15 cm (6")
PRO-13-664-18	18 cm (7")
PRO-13-664-20	20 cm (8")
PRO-13-664-23	22.5 cm (8 ¾")
PRO-13-664-26	26 cm (10 ¼")





TC Martin Needle Holder

Catalog #	Size
PRO-13-670-15	15 cm (6")
PRO-13-670-17	17 cm (6 ¾")
PRO-13-670-20	20 cm (8")

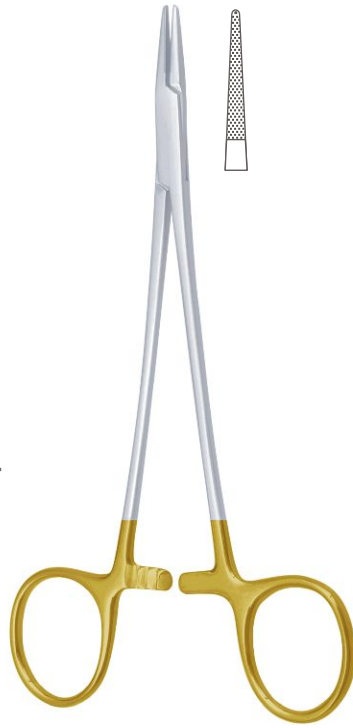


TC Hegar-Vascular Needle Holder

Catalog #	Size
PRO-13-674-14	14 cm (5 ½")
PRO-13-674-18	18.5 cm (7 ¼")
PRO-13-674-20	20.5 cm (8")
PRO-13-674-23	23 cm (9")

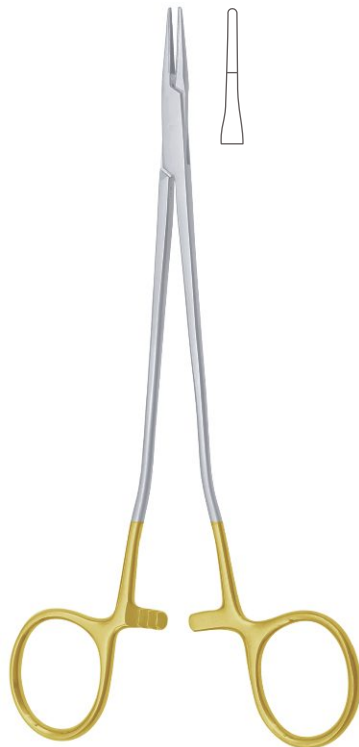
TC Micro Vascular Needle Holder

Catalog #	Size
PRO-13-678-14	14 cm (5 ½")
PRO-13-678-18	18 cm (7")
PRO-13-678-20	20 cm (8")
PRO-13-678-23	23 cm (9")



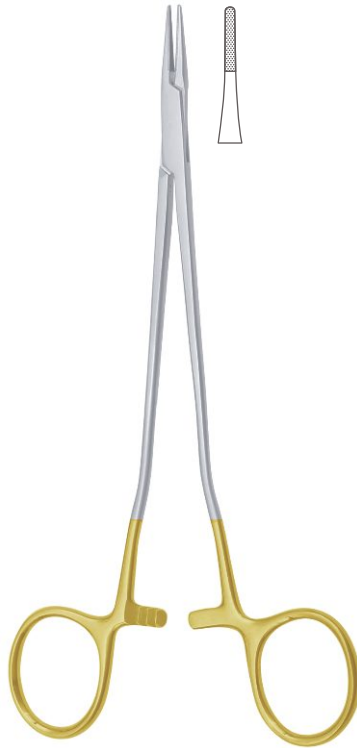
TC Martini Needle Holder
Smooth Jaw

Catalog #	Size
PRO-13-680-14	14 cm (5 ½")
PRO-13-680-16	16 cm (6 ¼")
PRO-13-680-18	18 cm (7")
PRO-13-680-20	20 cm (8")



TC Martini Needle Holder

Catalog #	Size
PRO-13-682-14	14 cm (5 ½")
PRO-13-682-16	16 cm (6 ¼")
PRO-13-682-18	18 cm (7")
PRO-13-682-20	20 cm (8")



TC Olsen-Hegar Needle Holder

Catalog #	Size
PRO-13-690-14	14.5 cm (5 ¾")
PRO-13-690-17	17 cm (6 ¾")
PRO-13-690-18	19 cm (7 ½")



TC Foster-Gillies Needle Holder
Smooth Jaws

Catalog #	Size
PRO-13-693-11	11 cm (4 1/4")



TC Gillies-Mini Needle Holder

Catalog #	Size
PRO-13-695-15	15 cm (6")



TC Gillies Needle Holder

Catalog #	Size
PRO-13-697-16	16 cm (6 1/4")





TC Mathieu Needle Holder

Catalog #	Size
PRO-13-700-14	14 cm (5 ½")
PRO-13-700-17	17 cm (6 ¾")
PRO-13-700-20	20 cm (8")



TC Mathieu Needle Holder

Catalog #	Size
PRO-13-702-14	14 cm (5 ½")
PRO-13-702-17	17 cm (6 ¾")
PRO-13-702-20	20 cm (8")



TC Mathieu Needle Holder
With Interior Ratchet

Catalog #	Size
PRO-13-706-17	17 cm (6 3/4")
PRO-13-706-20	20 cm (8")
PRO-13-706-23	23 cm (9")



TC Lichtenberg Needle Holder

Catalog #	Size
PRO-13-710-20	20 cm (8")

TC Zweifel Needle Holder
With Hinged Ratchet

Catalog #	Size
PRO-13-720-20	20.5 cm (8")
PRO-13-720-23	23 cm (9")





TC Toennis Needle Holder

Catalog #	Size
PRO-13-730-18	18.5 cm (7 1/4")

TC Langenbeck Needle Holder

Catalog #	Size
PRO-13-740-18	18 cm (7")
PRO-13-740-20	20.5 cm (8")
PRO-13-740-23	23 cm (9")



Reverdin Ligature Needle
Short

Catalog #	Size
PRO-13-801-15	14.5 cm (5 3/4")
PRO-13-803-15	14.5 cm (5 3/4")
PRO-13-805-15	14.5 cm (5 3/4")
PRO-13-807-15	14.5 cm (5 3/4")



Fig. 1

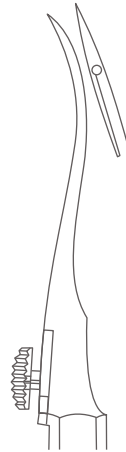


Fig. 2

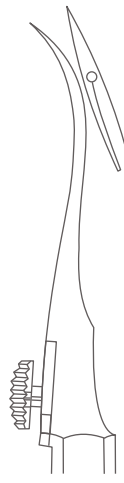


Fig. 3

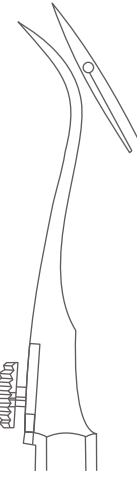


Fig. 4

Reverdin Ligature Needle
Medium

Catalog #	Size
PRO-13-811-19	19.5 cm (7 3/4")
PRO-13-813-19	19.5 cm (7 3/4")
PRO-13-815-19	19.5 cm (7 3/4")
PRO-13-817-19	19.5 cm (7 3/4")

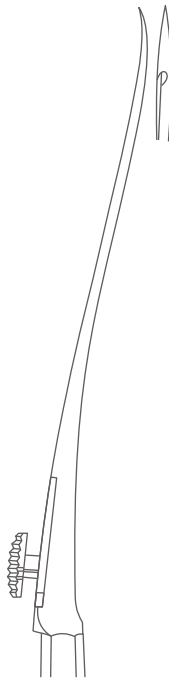


Fig. 1

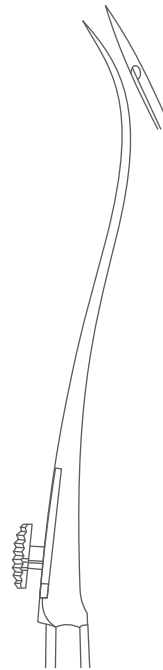


Fig. 2



Fig. 3

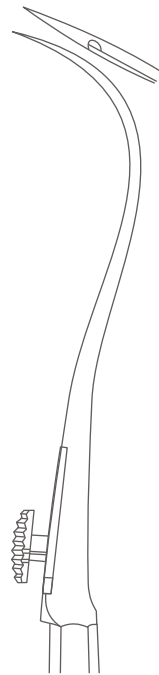


Fig. 4

Reverdin Ligature Needle
Long

Catalog #	Size
PRO-13-821-23	23 cm (9")
PRO-13-823-23	23 cm (9")
PRO-13-825-23	23 cm (9")
PRO-13-827-23	23 cm (9")

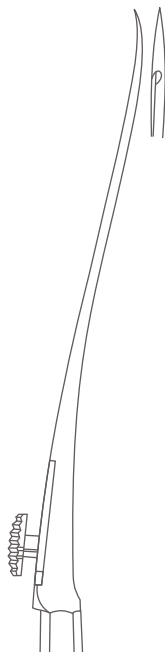


Fig. 1

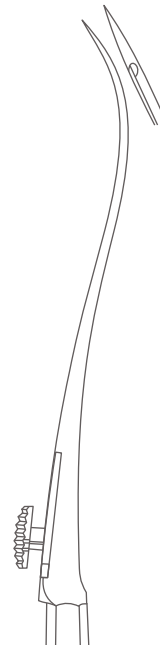


Fig. 2



Fig. 3



Fig. 4



Young Ligature Needle Holder Complete With Needle

Catalog #	Size
PRO-13-831-00	24.5 cm (9 3/4")

Young Ligature Needle Only

Catalog #	Size, Profile
PRO-13-831-01	Standard, Fig. 1
PRO-13-831-02	Standard, Fig. 2
PRO-13-831-03	Standard, Fig. 3

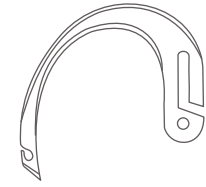


Fig. 1

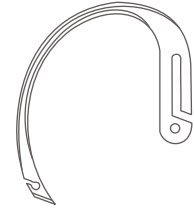


Fig. 2

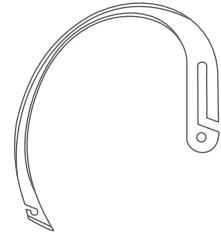
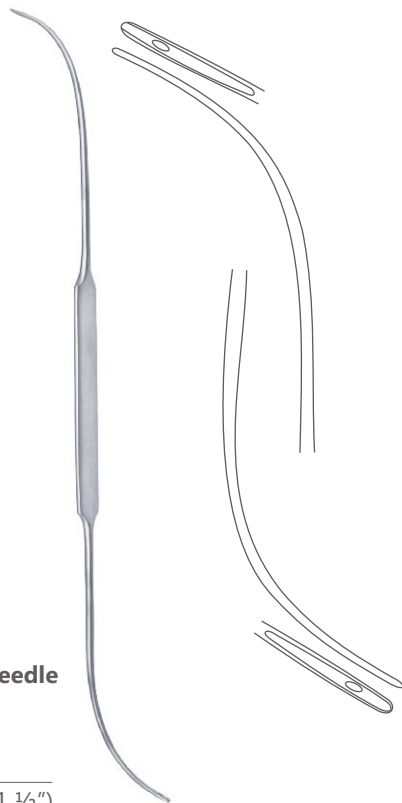


Fig. 3



Schmieden-Dick Ligature Needle Malleable

Catalog #	Size
PRO-13-835-32	29 cm (11 1/2")

Schmieden Ligature Needle

Catalog #	Size
PRO-13-837-21	24 cm (9 1/2")





Ligature Needle
Malleable

Catalog #	Size
PRO-13-841-20	20.5 cm (8")

Jonesco Ligature Needle

Catalog #	Size
PRO-13-843-18	18.5 cm (7 ¼")



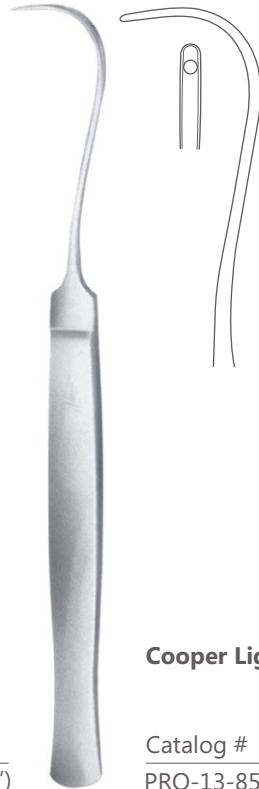
Claus Van Eicken Ligature Needle

Catalog #	Size
PRO-13-845-25	25 cm (9 ¾")

Ligature Needle

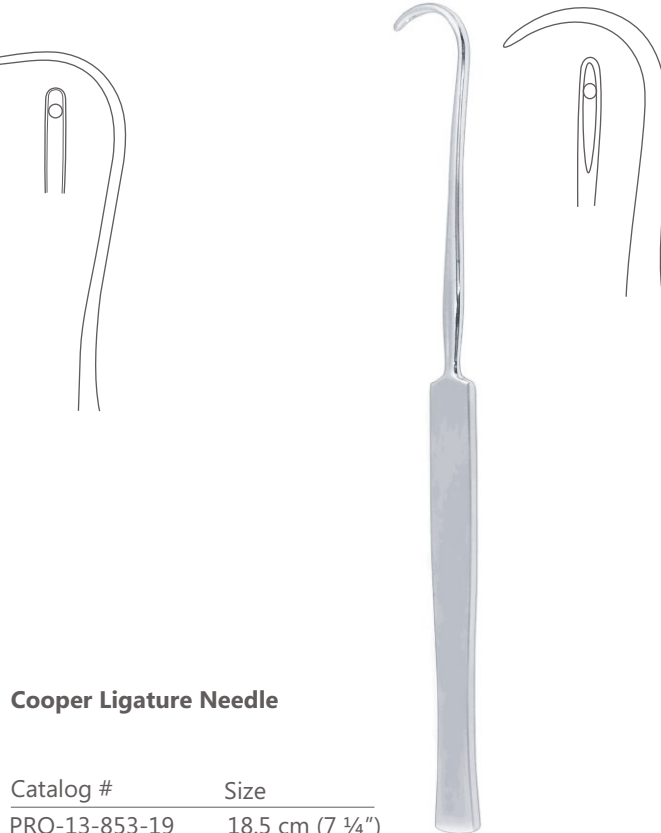
Catalog #	Size
PRO-13-849-15	15 cm (6")





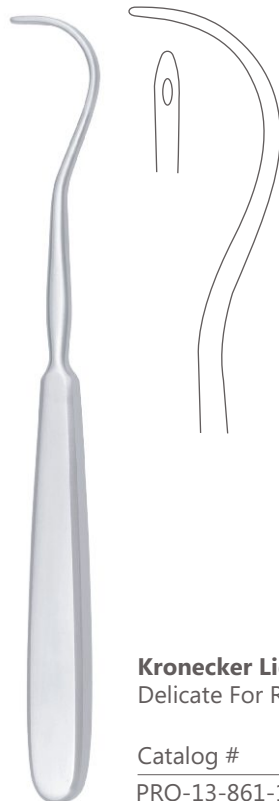
Syme Ligature Needle

Catalog #	Size
PRO-13-851-17	17 cm (6 ¾")



Cooper Ligature Needle

Catalog #	Size
PRO-13-853-19	18.5 cm (7 ¼")



Kocher Ligature Needle

Catalog #	Size
PRO-13-855-20	20.5 cm (8")



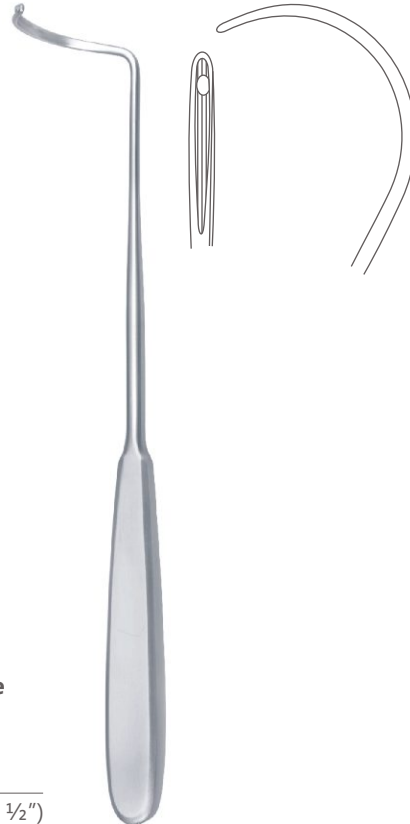
Kronecker Ligature Needle
Delicate For Right Hand

Catalog #	Size
PRO-13-861-13	12.5 cm (5")



Kronecker Ligature Needle
Delicate For Left Hand

Catalog #	Size
PRO-13-863-13	12.5 cm (5")



Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-871-24	24 cm (9 ½")



Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-873-24	24 cm (9 ½")



Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-875-20	20 cm (8")

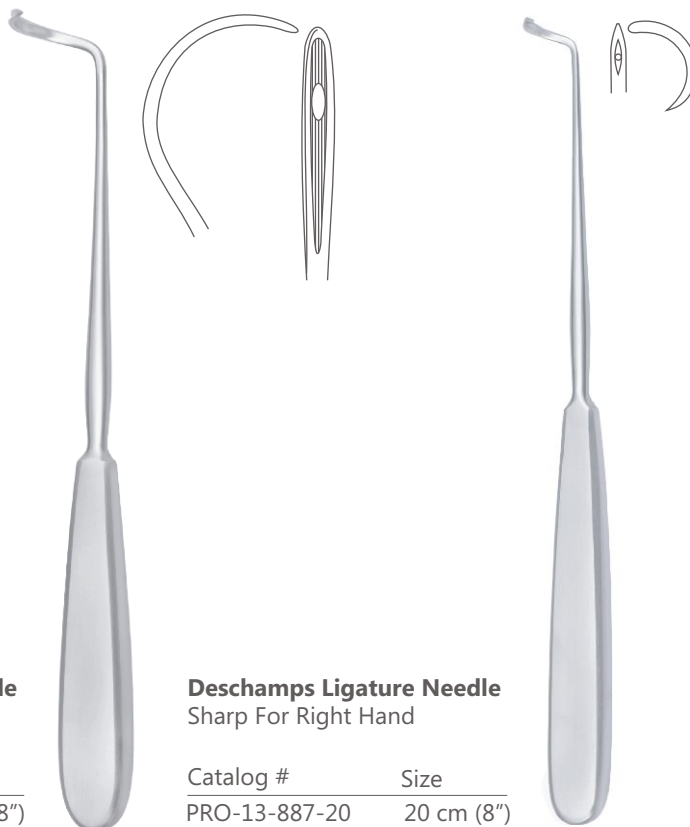


Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-877-20	20 cm (8")

Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-883-21	20 cm (8")



Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-885-21	20 cm (8")

Deschamps Ligature Needle
Sharp For Right Hand

Catalog #	Size
PRO-13-887-20	20 cm (8")



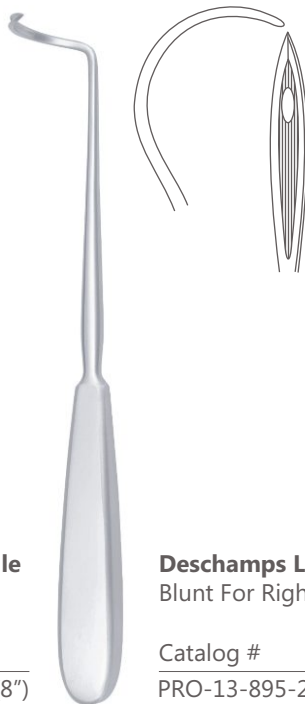
Deschamps Ligature Needle
Sharp For Left Hand

Catalog #	Size
PRO-13-889-20	20 cm (8")



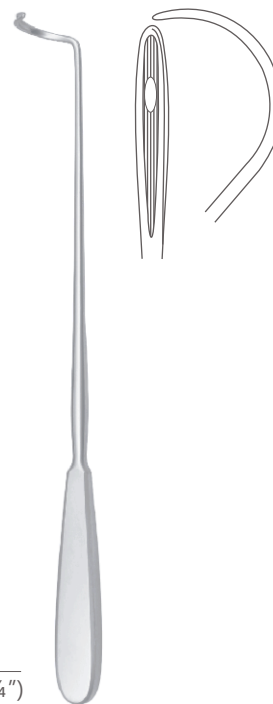
Deschamps Ligature Needle
Sharp For Right Hand

Catalog #	Size
PRO-13-891-21	20 cm (8")



Deschamps Ligature Needle
Sharp For Left Hand

Catalog #	Size
PRO-13-893-21	20 cm (8")



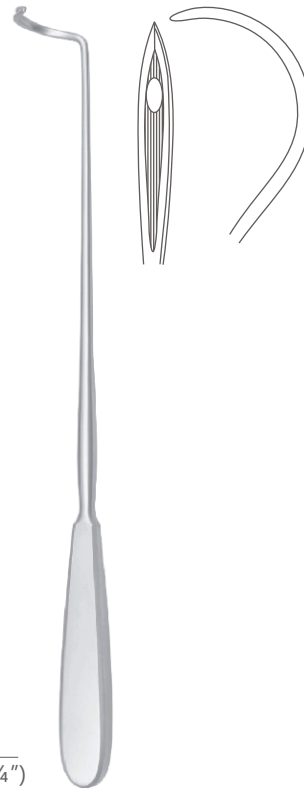
Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-895-27	27 cm (10 3/4")



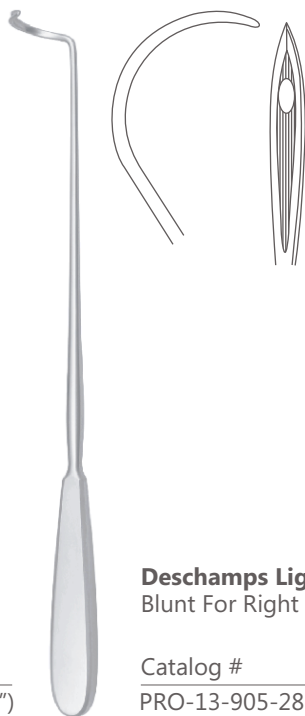
Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-897-27	27 cm (10 3/4")



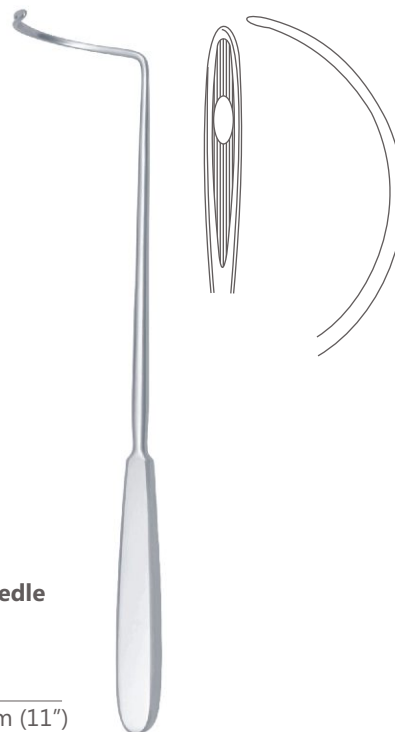
Deschamps Ligature Needle
Sharp For Right Hand

Catalog #	Size
PRO-13-901-27	27 cm (10 3/4")



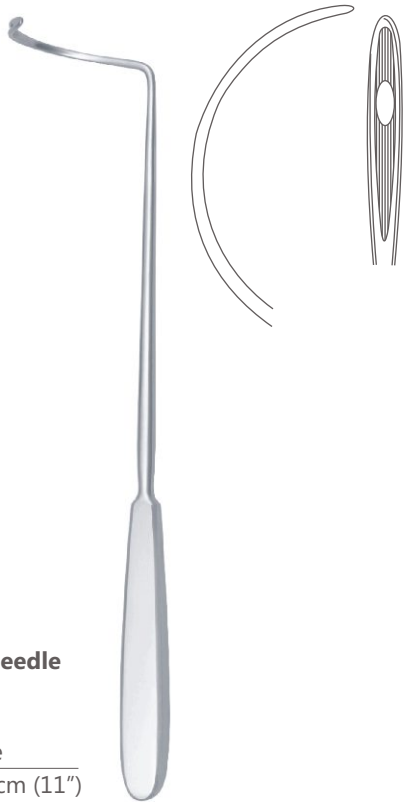
Deschamps Ligature Needle
Sharp For Left Hand

Catalog #	Size
PRO-13-903-27	27 cm (10 3/4")



Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-905-28	28 cm (11")



Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-907-28	28 cm (11")



Deschamps Ligature Needle
Sharp For Right Hand

Catalog #	Size
PRO-13-911-20	20 cm (8")

Deschamps Ligature Needle
Sharp For Left Hand

Catalog #	Size
PRO-13-913-20	20 cm (8")



Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-915-20	20 cm (8")



Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-917-20	20 cm (8")



Deschamps Ligature Needle
Blunt For Right Hand

Catalog #	Size
PRO-13-921-20	21 cm (8 1/4")



Deschamps Ligature Needle
Blunt For Left Hand

Catalog #	Size
PRO-13-923-20	21 cm (8 1/4")



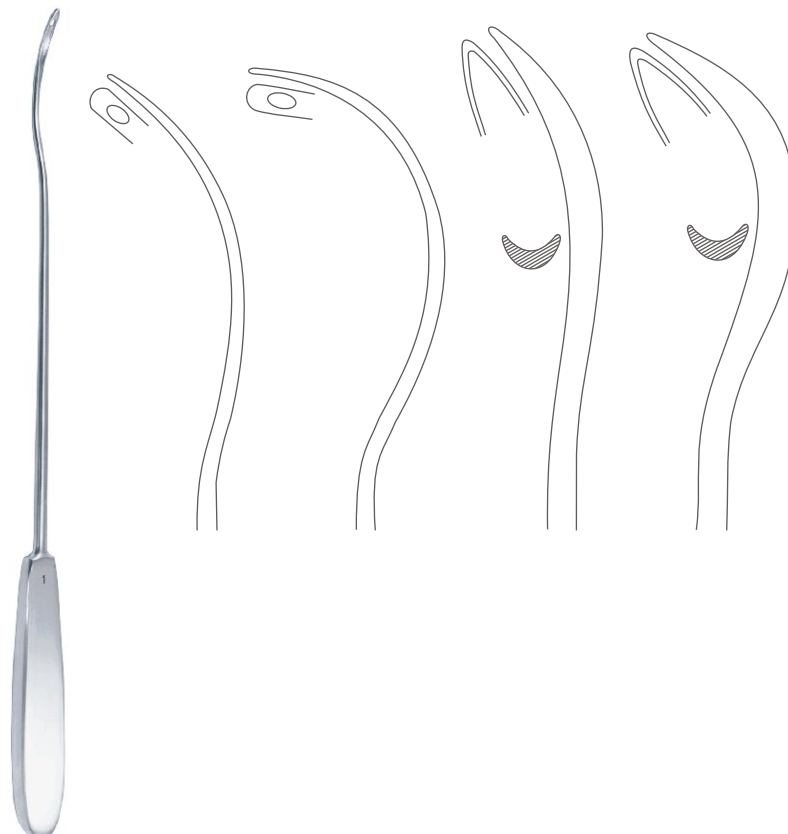
Hurd Ligature Needle
Sharp For Right Hand

Catalog #	Size
PRO-13-927-21	20.5 cm (8")



Hurd Ligature Needle
Sharp For Left Hand

Catalog #	Size
PRO-13-929-21	20.5 cm (8")



Brunner Ligature Needle

Catalog #	Size
PRO-13-931-01	30 cm (11 3/4")
PRO-13-931-02	30 cm (11 3/4")
PRO-13-931-03	30 cm (11 3/4")
PRO-13-931-04	30 cm (11 3/4")



Kirschner Ligature Needle

Catalog #	Size
PRO-13-935-25	25.5 cm (10")

Ligature Needle

Catalog #	Size
PRO-13-937-28	28 cm (11")

Martin Ligature Needle

Catalog #	Size
PRO-13-939-25	19.5 cm (7 3/4")



Brunner Ligature Conductor
Ferozell

Catalog #	Size
PRO-13-941-18	18 cm (7")



Kirschner Ligature Conductor
Ferozell

Catalog #	Size
PRO-13-943-27	27 cm (10 3/4")



Ligature Conductor
Ferozell

Catalog #	Size
PRO-13-945-19	19 cm (7 1/2")



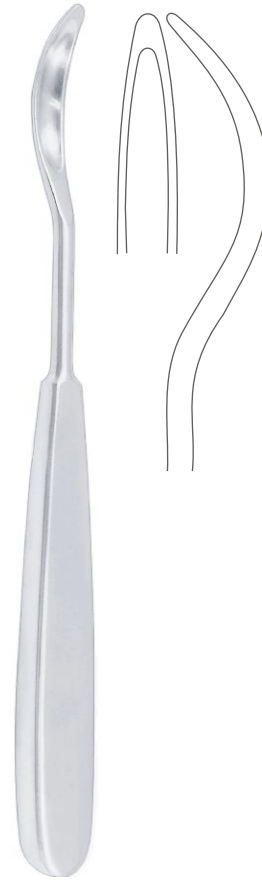
Ligature Conductor
Ferozell

Catalog #	Size
PRO-13-949-24	24 cm (9 1/2")



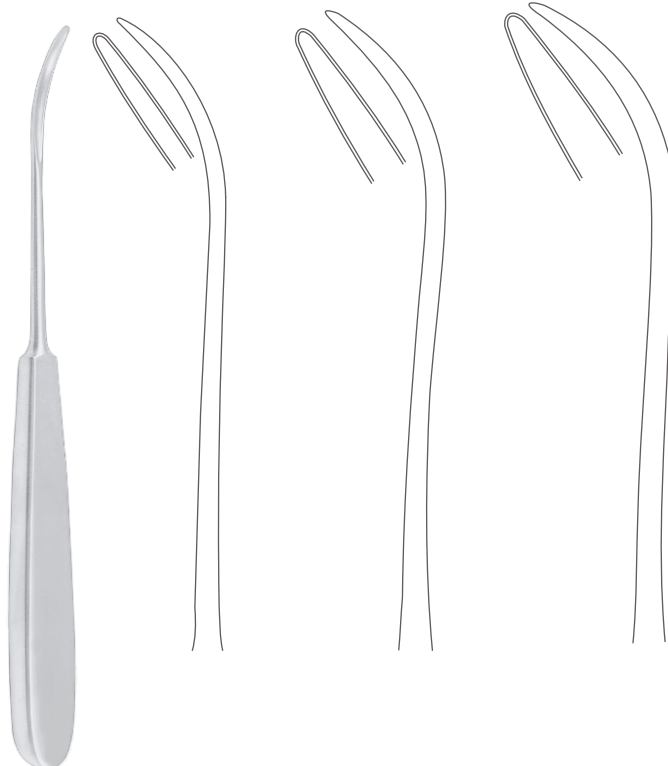
Schmieden Ligature Conductor

Catalog #	Size
PRO-13-951-19	18 cm (7")



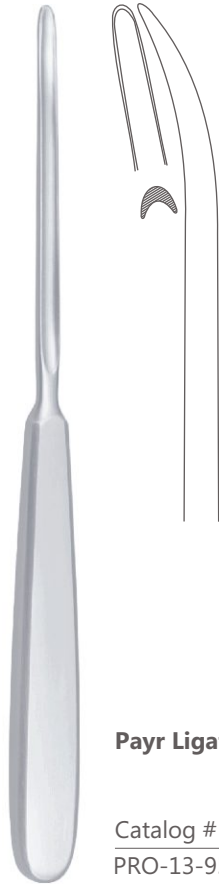
Schmieden-Payr Ligature Conductor

Catalog #	Size
PRO-13-953-19	18 cm (7")



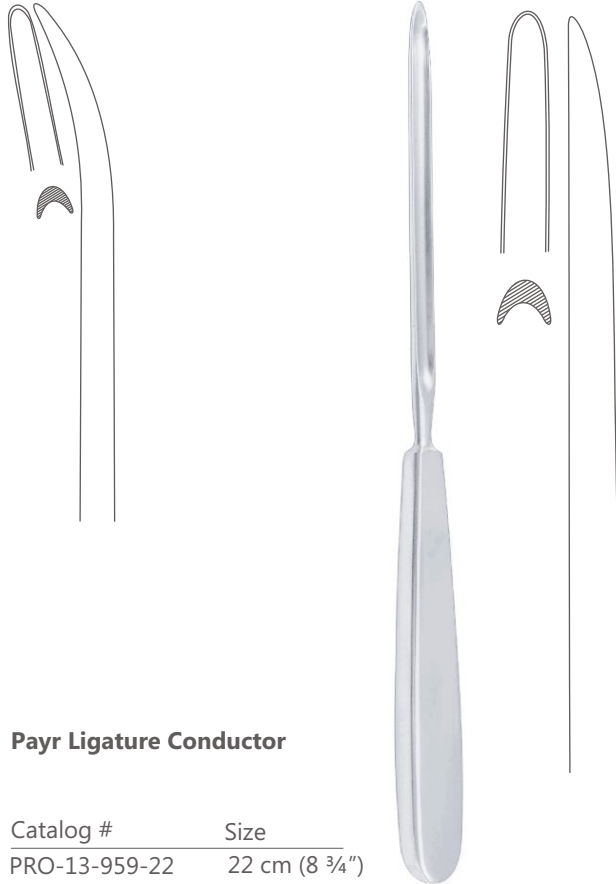
Koeing Ligature Conductor

Catalog #	Size
PRO-13-955-03	19.5 cm (7 3/4")
PRO-13-955-05	19.5 cm (7 3/4")
PRO-13-955-07	19.5 cm (7 3/4")



Payr Ligature Conductor

Catalog #	Size
PRO-13-957-22	22 cm (8 3/4")



Payr Ligature Conductor

Catalog #	Size
PRO-13-959-22	22 cm (8 3/4")



Modell Wien Ligature Catcher

Catalog #	Size
PRO-13-961-23	23.5 cm (9 1/4")



Bozemann Knot Tier

Catalog #	Size
PRO-13-963-21	21 cm (8 1/4")



Ligature Adjuster

Catalog #	Size
PRO-13-965-23	23 cm (9")



Caspar Ligature Adjuster
Bayonet Shaped

Catalog #	Size
PRO-13-967-23	23 cm (9")



Millin Ligature Holding Forcep

Catalog #	Size
PRO-13-969-24	24 cm (9 1/2")



Childe Approximation Forcep
Heavy Pattern With Clip Holder

Catalog #	Size
PRO-13-980-18	17.5 cm (7")



Michel Clip Applying Forcep

Catalog #	Size
PRO-13-984-12	12 cm (4 ¾")



Hegenbarth Clip Applying Forcep

Catalog #	Size
PRO-13-986-12	12 cm (4 ¾")



Wachenfeldt Clip Applying Forcep

Catalog #	Size
PRO-13-988-12	12 cm (4 ¾")



Michel Clip Applying & Removing Forcep
For Applying and Removal of Clips

Catalog #	Size
PRO-13-990-12	12.5 cm (5")



Michel Clip Applying & Removing Forcep
Long Jaws For Applying and Removal of Clips

Catalog #	Size
PRO-13-992-12	13 cm (5")

Collin Clip Applying Forcep
With Screw Lock

Catalog #	Size
PRO-13-994-13	13 cm (5")



Richter Clip Applying Forcep
With Screw Lock

Catalog #	Size
PRO-13-997-14	13.5 cm (5 1/4")

Michel Suture Clips
Pack of 1000

Catalog #	Clip Size
PRO-13-999-01	7.5 x 1.75 mm
PRO-13-999-02	11 x 2.0 mm
PRO-13-999-03	12 x 3.0 mm
PRO-13-999-04	14 x 3.0 mm
PRO-13-999-05	16 x 3.0 mm
PRO-13-999-06	18 x 3.0 mm
PRO-13-999-07	20 x 3.0 mm
PRO-13-999-08	22 x 3.0 mm

