Urology



BARD

angiomed

URETERAL STENTS

- Urosoft® ureteral stents
- Puroflex® ureteral stents
- Grey Stent ureteral stents
- Special stents



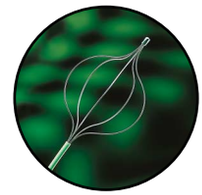
URETERAL CATHETERS

- Selec-Tip® ureteral catheters
- Ureteral catheters
- Ureteral catheter accessories



STONE BASKETS

- Highflex baskets
- Ecoflex baskets



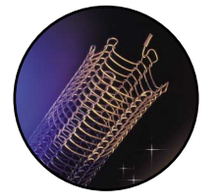
UROLOGICAL ACCESSORIES

- Dilatation
- Needles
- Guide wires
- Disposable connecting adapters
- Universal adapters
- Ureteral catheter connectors
- Drainage catheter fixation
- Urine bag



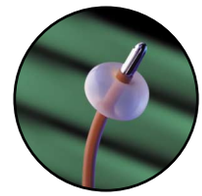
MEMOTHERM®

- Prostatic stents
- Bulbar stents
- Ureteral stents
- Repositioning instrument
- Urethral measuring catheter



SPECIAL PRODUCTS

- Urethral protractor
- Intra-urethral catheters
- Double needle applicator
- Vesico-set



NEPHROSTOMY

- Percutaneous nephrostomy sets
- Special products



BIOPSY

- Chiba needles
- Cut biopsy needles
- Hist-O-Cyt needles
- Vacu Cut® needles
- Autovac®
- Unicut® needles
- Franzen-set







Ureteral Stents

angiomed

BARD



CONTENTS

UROSOFT®

General information 5

Ureteral stent set 6

Probing and ureteral stent set 8

THREE IN ONE ureteral stent probing and placement set 10

Ureteral stent set for flexible scopes 12

Pediatric ureteral stent set 14

Urological endoprosthesis set 15

Replacement ureteral stent - stent and pusher only, no suture 16

UROSOFT® STEERABLE URETERAL STENTS

Multifunction stent acc. to Brandl/Chaussy/Sachse 17

Vario-Stent® 18

Kombistent acc. to Sachse 20

Tumor Kombistent acc. to Sachse 22

Uropath 24

UROSOFT® SPECIAL URETERAL STENTS

Schueller ureterotomy stent set 26

Tumor stent set 27

Urosoft® ureteral bypass set 28

Urosoft® multipurpose stent 30

VVR ureteral stent set acc. to Vekemans / Van Renterghem 31

Cross stent 32



CONTENTS

PUROFLEX®

General information 33

Ureteral stent set 34

Probing and ureteral stent set 36

THREE IN ONE ureteral stent probing and placement set 38

Pediatric ureteral stent set 40

Urological endoprosthesis set 41

Replacement ureteral stent - stent and pusher only, no suture 42

PUROFLEX® STEERABLE URETERAL STENTS

Multifunction stent acc. to Brandl/Chaussy/Sachse 43

Vario-Stent® 44

Uropath 46

PUROFLEX® SPECIAL URETERAL STENTS

Cross stent 48



CONTENTS

GREY STENT

General information 49

Ureteral stent set 50

Probing and ureteral stent set 52

THREE IN ONE ureteral stent probing and placement set 54

Urological endoprosthesis set 56

GREY STENT STEERABLE URETERAL STENTS

Multifunction stent acc. to Brandl/Chaussy/Sachse 57

Vario-Stent® 58

Uropath 60

SPECIAL STENTS

General information 63

Comfort Kombistent acc. to Sachse preassembled, steerable ureteral stent 64

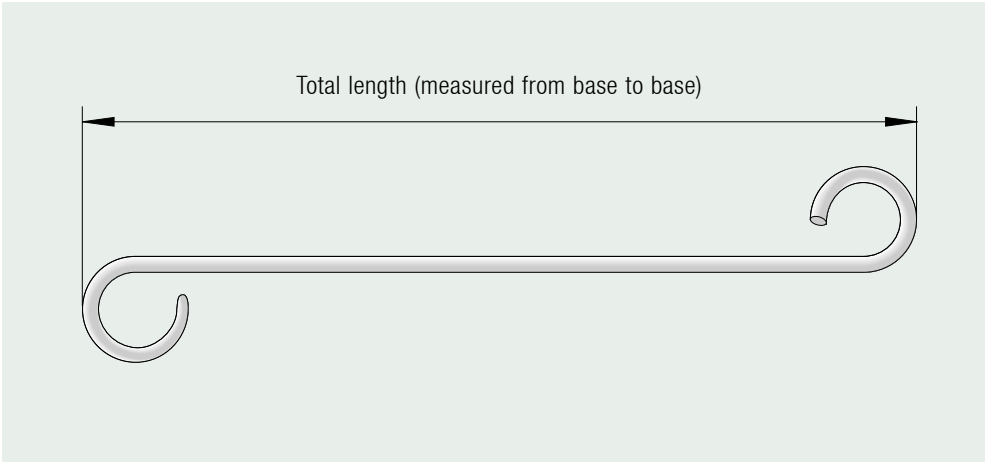
SOFT-STENT THREE IN ONE / FIRM-STENT THREE IN ONE ureteral stent probing and placement set 66

Ureteral splinting set 68



LENGTH MEASUREMENT OF BARD® / ANGIOMED® URETERAL STENTS







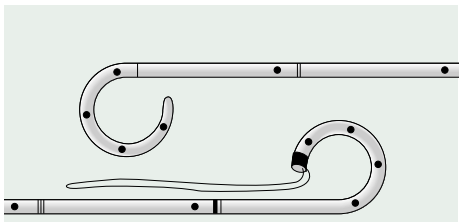
UROSOFT® - GENERAL INFORMATION

Urosoft® is a tried and proven material based on a soft-polyurethane compound. **Urosoft®** is soft and flexible and offers a high degree of patient comfort.

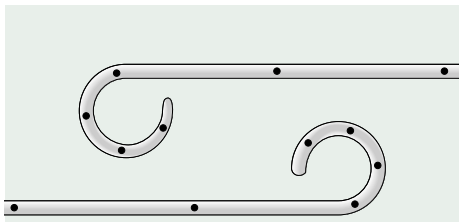
Urosoft® ureteral stents have a large lumen when compared to their wall thickness and outer diameter and offer a remarkably high "ring-stability"; i.e. the stent does not collapse very easily.

Urosoft® ureteral stents which are placed cystoscopically or percutaneously are graduated for easy identification and exact positioning.

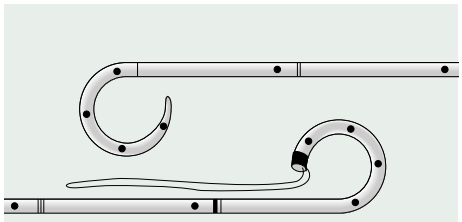
All stents that are placed cystoscopically feature a withdrawal string for easy removal without the need of a repeated cystoscopy. This has become extremely popular in connection with the increased use of E.S.W.L. where a ureteral stent is introduced for short-term drainage.



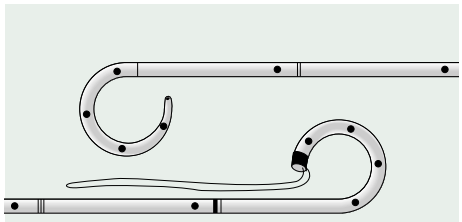
via cystoscope



intra-operative



via cystoscope with Tiemann tip



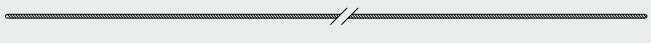
open-end tip

URETERAL STENT SET

URETERAL STENT SET

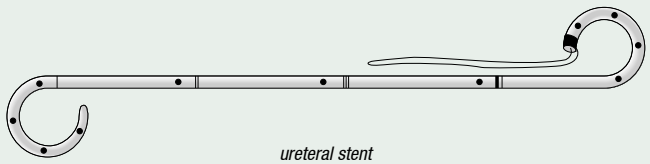
Set components:

- Guide wire, ***PTFE****[1]-coated, straight
- Pusher *(not included in intra-operative versions)*
- Ureteral stent
- Clamp *(only for cystoscopic tip versions)*



guide wire

pusher



ureteral stent



clamp

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

URETERAL STENT SET

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip	intra-operative
Ureteral stent set		12	16	**57000010**	**–**	**57400010**	**–**
		18	22	**57000016**	**–**	**57400016**	**–**
		20	24	**57000020**	**–**	**57400020**	**–**
	4.7*	22	26	**57000030**	**–**	**57400030**	**–**
		24	28	**57000040**	**–**	**57400040**	**–**
		26	30	**57000050**	**–**	**57400050**	**–**
		28	32	**57000060**	**–**	**57400060**	**–**
		12	16	**57010010**	**57210010**	**57410010**	**57120010**
		18	22	**–**	**–**	**57410016**	**–**
		20	24	**57010020**	**–**	**57410020**	**–**
	6	22	26	**57010030**	**57210030**	**57410030**	**57120030**
		24	28	**57010040**	**57210040**	**57410040**	**57120040**
		26	30	**57010050**	**57210050**	**57410050**	**57120050**
		28	32	**57010060**	**57210060**	**57410060**	**57120060**
		12	16	**57020010**	**–**	**57420010**	**57130010**
		18	22	**–**	**–**	**57420016**	**–**
		20	24	**57020020**	**57220020**	**57420020**	**–**
	7	22	26	**57020030**	**57220030**	**57420030**	**57130030**
		24	28	**57020040**	**57220040**	**57420040**	**57130040**
		26	30	**57020050**	**57220050**	**57420050**	**57130050**
		28	32	**57020060**	**57220060**	**57420060**	**–**
		12	16	**57030010**	**–**	**57430010**	**–**
		18	22	**–**	**–**	**57430016**	**–**
		20	24	**57030020**	**–**	**57430020**	**–**
	8	22	26	**57030030**	**57230030**	**57430030**	**–**
		24	28	**57030040**	**57230040**	**57430040**	**57140040**
		26	30	**57030050**	**–**	**57430050**	**57140050**
		28	32	**57030060**	**57230060**	**57430060**	**–**
		12	16	**–**	**–**	**57440010**	**–**
		20	24	**57040020**	**–**	**57440020**	**–**
	9	22	26	**–**	**–**	**57440030**	**–**
		24	28	**57040040**	**–**	**57440040**	**–**
		26	30	**57040050**	**57240050**	**57440050**	**–**
		28	32	**57040060**	**–**	**57440060**	**–**
Ureteral stent set		12	16	**57000110**	**–**	**57400110**	**–**
via uretero-renoscope		20	24	**57000120**	**–**	**57400120**	**–**
(pusher length 70 cm)	4.7*	22	26	**57000130**	**–**	**57400130**	**–**
		24	28	**57000140**	**–**	**57400140**	**–**
		26	30	**–**	**–**	**57400150**	**–**
		28	32	**–**	**–**	**–**	**–**

* 4.7 F ureteral stents with double pigtails

Minimum order quantity: 10 units

PROBING AND URETERAL STENT SET

PROBING AND URETERAL STENT SET

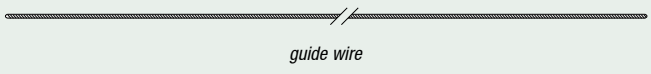
Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent
- Selec-Tip® ureteral catheter with stylet and injection adapter

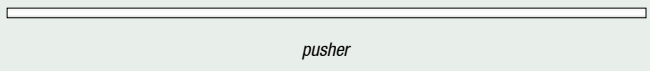
Bard® / angiomed® has answered the requests of customers for an interchangeable component combination instrument for probing, contrast-media visualisation and subsequent stenting of the ureter by developing the probing and ureteral stent set.

The open-end Selec-Tip® ureteral catheter with manipulation tip is used for probing. The probing of the ureteral orifice and ureter up to the renal pelvis is simplified by the manoeuvrable tip of the ureteral catheter. Contrast-media visualisation of the ureter can be performed by removing the ureteral catheter stylet and by attaching the injection adapter included in the set.

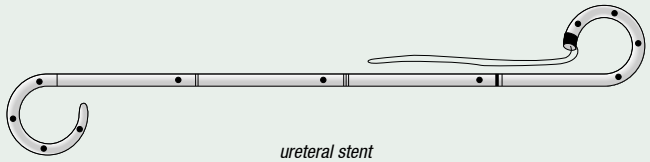
After positioning the Selec-Tip® ureteral catheter, the stylet can be exchanged for the guide wire included in the set. The ureteral catheter is then removed and the open end ureteral stent can be safely inserted over the guide wire.



guide wire



pusher



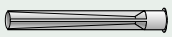
ureteral stent



Selec-Tip® ureteral catheter



stylet



injection adapter

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

PROBING AND URETERAL STENT SET

Components of 4.7 F sets:

- Ureteral stent

  F-size: 4.7 F
  Length: see table
  Material: Puroflex®

- Ureteral catheter

  F-size: 4 F
  Length: 69 cm
  Configuration: cylindrical, curved
  Sidehole: none
  Stylet: 0.5 mm x 69 cm
  Material: polyamide

- Guide wire

  Ø: .032i
  Configuration: ***PTFE****[1]-coated, straight, fixed core
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: green

Components of 6 F and 7 F sets:

- Ureteral stent

  F-size: 6 F / 7 F
  Length: see table
  Material: Puroflex®

- Ureteral catheter

  F-size: 5 F
  Length: 69 cm
  Configuration: cylindrical, curved
  Sidehole: none
  Stylet: 0.5 mm x 69 cm
  Material: polyamide

- Guide wire

  Ø: .035i
  Configuration: ***PTFE****[1]-coated, straight, fixed core
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Components of 8 F and 9 F sets:

- Ureteral stent

  F-size: 8 F / 9 F
  Length: see table
  Material: Puroflex®

- Ureteral catheter

  F-size: 6 F
  Length: 69 cm
  Configuration: cylindrical, curved
  Sidehole: none
  Stylet: 0.6 mm x 69 cm
  Material: polyamide

- Guide wire

  Ø: .038i
  Configuration: ***PTFE****[1]-coated, straight, fixed core
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral catheter- Ø [F]	Stent- Ø [F]	Stent shaft length [cm]	Stent length [cm]	**Order-No.**
Probing and ureteral			20	24	**58550030**
stent set	4	4.7*	22	26	**58550040**
			24	28	**58550050**
			22	26	**58561040**
	5	6	24	28	**58561050**
			26	30	**58561060**
			22	26	**58562040**
	5	7	24	28	**58562050**
			22	26	**58573040**
	6	8	24	28	**58573050**
	6	9	22	26	**58574040**

* 4.7 F ureteral stents with double pigtails

Minimum order quantity: 10 units

[1] PTFE (polytetrafluoroethylene) and FEP (perfluoro-ethylene-propylene-copolymer) are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

BARD

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight
- Pusher
- Ureteral stent
- Ureteral injection catheter
- Clamp

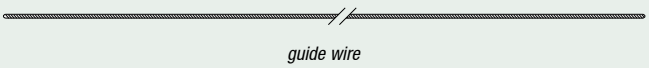
The **THREE IN ONE** packaging box contains three separate pouches with the following components:

– Pouch 1: ureteral stent and pusher

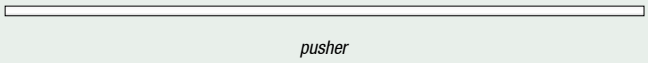
– Pouch 2: ureteral injection catheter

– Pouch 3: guide wire

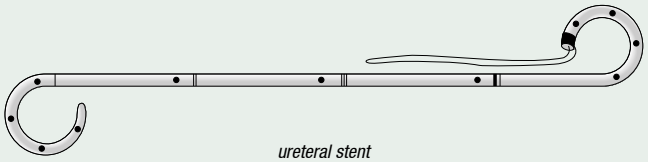
The advantage of the individually packed products is that the physician can leave products, for example the guide wire, sterile if another type of guide wire is used for the procedure. This leads to a cost reduction and an additional saving potential for hospitals, as the guide wire can be used for another patient or treatment.



guide wire



pusher



ureteral stent

ureteral injection catheter



clamp

BARD

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

Components of 4.7 F sets:

- Ureteral stent

  F-size: 4.7 F
  Length: see table
  Material: Puroflex®

- Ureteral injection catheter

  F-size: 5 F
  Length: 69 cm
  Configuration: straight, open-end tip
  Sidehole: none
  Stylet: none
  Material: polyamide

- Guide wire

  Ø: .035i
  Configuration: ***PTFE****[1]-coated, straight
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: green

Components of 6 F and 7 F sets:

- Ureteral stent

  F-size: 6 F / 7 F
  Length: see table
  Material: Puroflex®

- Ureteral injection catheter

  F-size: 6 F
  Length: 69 cm
  Configuration: straight, open-end tip
  Sidehole: none
  Stylet: none
  Material: polyurethane

- Guide wire

  Ø: .038i
  Configuration: ***PTFE****[1]-coated, straight
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral injection catheter- Ø [F]	Ureteral stent- Ø [F]	Stent shaft length [cm]	Total stent length [cm]	via cystoscope with Tiemann tip	via cystoscope	open-end tip
Three in one			20	24	**57071020**	**–**	**58600020**
Ureteral stent probing			22	26	**57071030**	**–**	**58600030**
and placement set	5	4.7*	24	28	**57071040**	**–**	**58600040**
			26	30	**57071050**	**–**	**58600050**
			20	24	**57072120**	**57300120**	**58610120**
			22	26	**57072130**	**57300130**	**58610130**
	6	6	24	28	**57072140**	**57300140**	**58610140**
			26	30	**57072150**	**57300150**	**58610150**
			20	24	**57072220**	**57300220**	**58610220**
			22	26	**57072230**	**57300230**	**58610230**
	6	7	24	28	**57072240**	**57300240**	**58610240**
			26	30	**57072250**	**57300250**	**58610250**

Accessories

Syringe adapter	**63760010**

* 4.7 F ureteral stents with double pigtails.

Minimum order quantity: sets 1 unit, accessories 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

BARD

URETERAL STENT SET

FOR FLEXIBLE SCOPES

URETERAL STENT SET FOR FLEXIBLE SCOPES

This new Urosoft® ureteral stent set is designed for flexible scopes of well-known manufacturers such as Wolf, Storz, Olympus Winter & Ibe. For 4.7 and 6.0 F ureteral stents the working channel must be $ 6.6 F while for 7.0 F ureteral stents it must be $ 7.5 F.

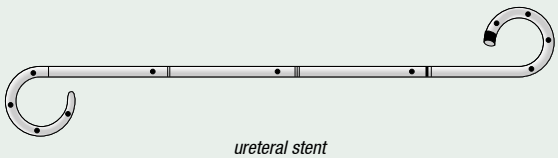
The length of the pusher has been adjusted to match the length of the working channel of the flexible scopes. Additionally, the high flexibility of the pusher guarantees a problem-free placement of the ureteral stent.

To offer greater options during the procedure, we have packaged the product as follows:

Pouch 1: ureteral stent and pusher

Pouch 2: guide wire

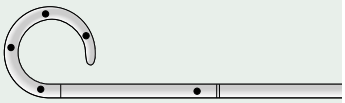
The advantage of the individually packed products is that the physician can leave products, for example the guide wire, sterile if another type of guide wire is used for the procedure. This leads to a cost reduction and an additional saving potential for hospitals, as the guide wire can be used for another patient or treatment.



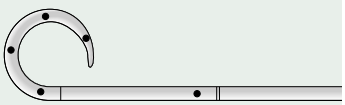
ureteral stent

guide wire

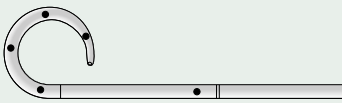
pusher



via cystoscope



via cystoscope with Tiemann tip



open-end tip

URETERAL STENT SET

FOR FLEXIBLE SCOPES

- **URETERAL STENT**

Material:	soft-polyurethane
Ø:	4.7 F, 6 F, 7 F
Configuration:	double pigtails (4.7 F)
	pigtails (6 F, 7 F)
Color:	blue
Shaft length:	20, 22, 24, 26, 28 cm
Total length:	24, 26, 28, 30, 32 cm

- **PUSHER for 4.7 F and 6.0 F ureteral stents**

Material:	radiopaque polyethylene
Ø:	6.0 F (Colour: pink)
Length:	70 cm
Working channel:	**$ 6.6 F**

- **PUSHER for 7.0 F ureteral stents**

Material:	radiopaque polyethylene
Ø:	6.6 F (Colour: turquoise)
Length:	70 cm
Working channel:	**$ 7.5 F**

- **GUIDE WIRE**

Material:	***PTFE****[1]-coated, straight, fixed core
Ø:	.032i for 4.7 F ureteral stents
	.035i for 6 F and 7 F ureteral stents
Length:	150 cm

Type	Ø [F]	Pusher-Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope with Tiemann tip	via cystoscope	open-end tip
Ureteral stent set			20	24	**57002220**	-	**57403120**
for flexible scopes			22	26	**57002230**	-	**57403130**
working channel $ 6.6 F	4.7*	6.0	24	28	**57002240**	-	**57403140**
			26	30	**57002250**	-	**57403150**
			28	32	**57002260**	-	**57403160**
			20	24	-	**57212220**	**57413520**
			22	26	-	**57212230**	**57413530**
	6	6.0	24	28	-	**57212240**	**57413540**
			26	30	-	**57212250**	**57413550**
			28	32	-	**57212260**	**57413560**
Ureteral stent set			20	24	-	**57223020**	**57423320**
for flexible scopes			22	26	-	**57223030**	**57423330**
working channel $ 7.5 F	7	6.6	24	28	-	**57223040**	**57423340**
			26	30	-	**57223050**	**57423350**
			28	32	-	**57223060**	**57423360**

* 4.7 F ureteral stents with double pigtails

Minimum order quantity: 1 unit

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

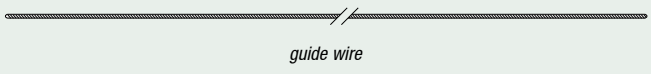
BARD

PEDIATRIC URETERAL STENT SET

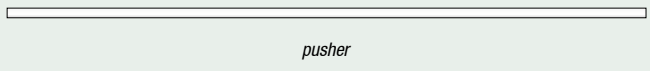
PEDIATRIC URETERAL STENT SET

Set components:

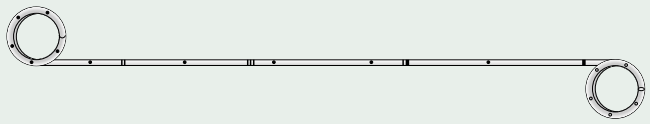
- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent with double pigtails
- Clamp



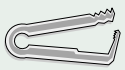
guide wire



pusher



ureteral stent with double pigtails



clamp

Bard® / angiomed® has recognized the increasing importance of pediatric urology and has developed a comprehensive ureteral stent range. This range covers a wide variety of applications with a wide product base.

The 4 F stents are manufactured from **Urosoft**®, a polyurethane of the highest medical quality. This material is soft and flexible and offers a high degree of patient comfort.

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	open-end tip
Pediatric ureteral stent set		6	10	**60431010**	**60441010**
		8	12	**60431020**	**60441020**
	4	10	14	**60431030**	**60441030**
		12	16	**60431040**	**60441040**

Minimum order quantity: 5 units

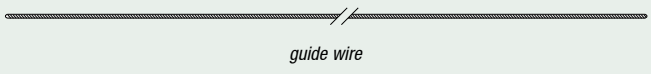
[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

UROLOGICAL ENDOPROSTHESIS SET

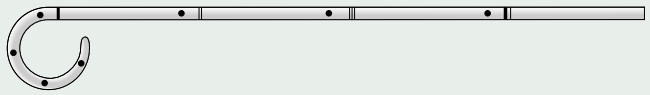
UROLOGICAL ENDOPROSTHESIS SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Urological endoprosthesis
- Ureteral catheter connector



guide wire



urological endoprosthesis



ureteral catheter connector

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip
Urological	6	68	70	**58500020**	**58510020**	**58520020**
endoprosthesis set	7	68	70	**58500030**	**58510030**	**58520030**
	8	68	70	**58500040**	**58510040**	**58520040**
	9	68	70	**58500050**	**58510050**	**58520050**

Minimum order quantity: 10 units

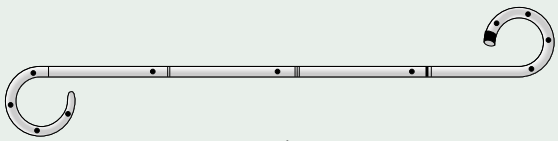
[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

BARD

REPLACEMENT URETERAL STENT

REPLACEMENT URETERAL STENT

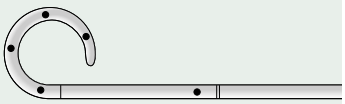
Replacement ureteral stent sets are delivered with stent (without suture) and pusher only.



ureteral stent

pusher

VARIETY OF TIPS



via cystoscope



open-end tip

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	open-end tip
Replacement ureteral stent	4.7	22	26	**57004031**	**–**
		12	16	**57014011**	**–**
		20	24	**57014022**	**–**
	6	22	26	**57014034**	**57414031**
		24	28	**57014041**	**57414041**

Minimum order quantity: 10 units

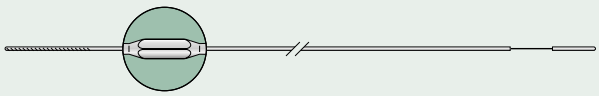
MULTIFUNCTION STENT

ACC. TO BRANDL/CHAUSSY/SACHSE

MULTIFUNCTION STENT

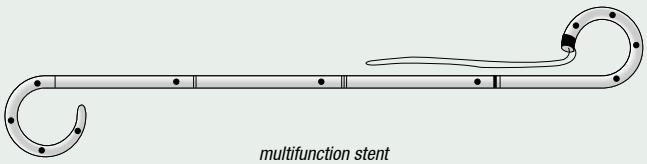
Set components:

- Guiding mandrel with four-edged coupling
- Pusher
- Multifunction stent
- Clamp



guiding mandrel with four-edged coupling

pusher



multifunction stent



clamp

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip
Multifunction stent		12	16	**58370010**	**–**
		20	24	**58370020**	**58420020**
	6	22	26	**58370030**	**58420030**
		24	28	**58370040**	**58420040**
		26	30	**58370050**	**58420050**
		28	32	**58370060**	**–**
		20	24	**58380020**	**–**
		22	26	**58380030**	**58430030**
	7	24	28	**58380040**	**58430040**
		26	30	**58380050**	**58430050**
		28	32	**58380060**	**58430060**
		20	24	**58390020**	**–**
		22	26	**58390030**	**–**
	8	24	28	**58390040**	**58440040**
		26	30	**58390050**	**–**

Minimum order quantity: 10 units

VARIO-STENT®

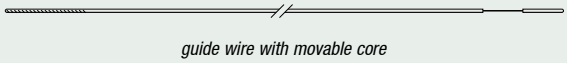
PREASSEMBLED, STEERABLE URETERAL STENT

VARIO-STENT®
PREASSEMBLED STEERABLE URETERAL STENT

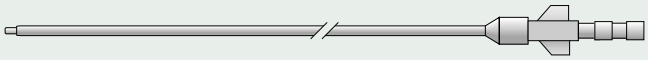
Set components:

- Guide wire with movable core
- Pusher system with inner catheter
- Ureteral stent

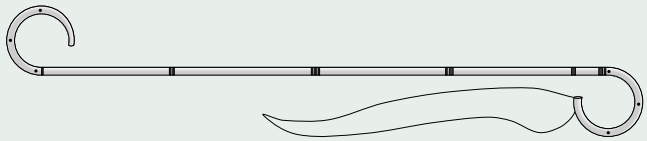
- **Preassembled product allows a simple and safe operation**
- **Excellent steerability**
- **Safe placement even in difficult anatomical conditions**
- **Soft-polyurethane**
- **Low encrustation tendency**
- **High patient comfort**



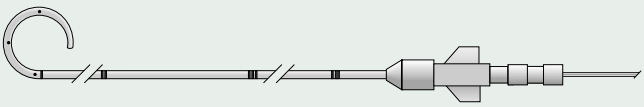
guide wire with movable core



pusher system with inner catheter



ureteral stent



assembled

VARIO-STENT®

PREASSEMBLED, STEERABLE URETERAL STENT

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip
Vario-Stent®		12	16	**58480010**	**–**
preassembled, steerable		20	24	**58480030**	**–**
ureteral stent		22	26	**58480040**	**58490040**
	6	24	28	**58480050**	**58490050**
		26	30	**58480060**	**58490060**
		28	32	**58480070**	**58490070**
		18	22	**58481020**	**–**
		22	26	**58481040**	**58491040**
	7	24	28	**58481050**	**58491050**
		26	30	**58481060**	**58491060**
		28	32	**58481070**	**–**
		24	28	**58482050**	**58492050**
	8	26	30	**–**	**58492060**

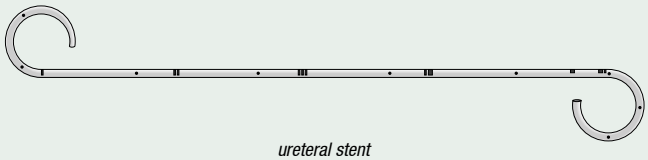
Minimum order quantity: 10 units

KOMBISTENT

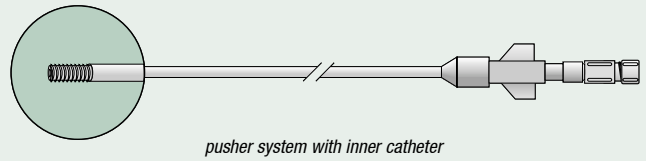
PREASSEMBLED, STEERABLE URETERAL STENT ACC. TO SACHSE

KOMBISTENT
PREASSEMBLED, STEERABLE URETERAL STENT

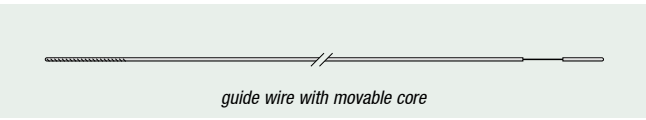
- Simple and safe operation as
  - preassembly allows withdrawing and a 1:1 torque ratio of the stent system
  - the guide wire with movable core facilitates the manipulation of the tip of the stent and the passage through tortuous anatomy.
- Soft-polyurethane
- Low encrustation tendency
- Patient comfort



ureteral stent



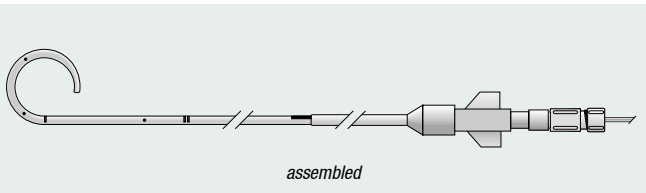
pusher system with inner catheter



guide wire with movable core

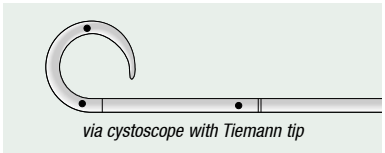
Set components:

- Ureteral stent
- Pusher system with inner catheter
- Guide wire with movable core

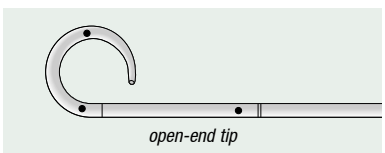


assembled

VARIETY OF TIPS



via cystoscope with Tiemann tip

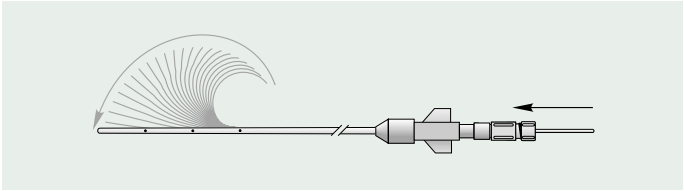


open-end tip

KOMBISTENT

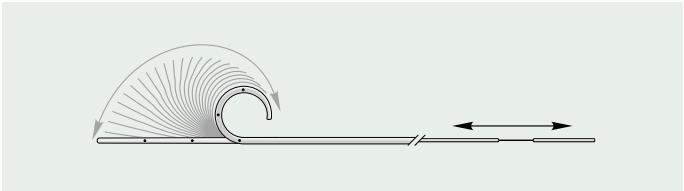
PREASSEMBLED, STEERABLE URETERAL STENT ACC. TO SACHSE

1. The guide wire is carefully pushed forward to completely straighten the ureteral stent, and can be fixed with the Tuohy-Borst adapter.



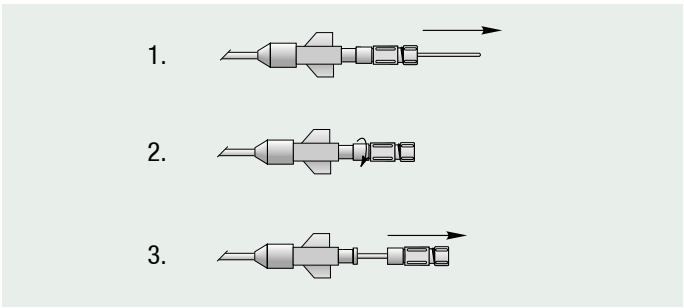
2. The stent is inserted cystoscopically into the ureter.

3. The shape of the ureteral stent´s distal tip can be manipulated by retracting the movable core of the guide wire. The new coupling device allows rotations of the stent at a 1:1 ratio. If necessary, the stent can be withdrawn.



4. The pusher is disconnected from the stent after correct placement as follows:

   1. Remove the guide wire after opening the Tuohy-Borst adapter
   2. Hold the winged adapter and turn the screw cap to the left
   3. Remove the inner catheter from the pusher system
   4. Remove the pusher



Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope with Tiemann tip	open-end tip
KOMBISTENT		20	24	**57650020**	**57700020**
preassembled, steerable		22	26	**57650030**	**57700030**
ureteral stent	6	24	28	**57650040**	**57700040**
		26	30	**57650050**	**57700050**
		28	32	**57650060**	**57700060**
		20	24	**57660020**	**57710020**
		22	26	**57660030**	**57710030**
	7	24	28	**57660040**	**57710040**
		26	30	**57660050**	**57710050**
		28	32	**57660060**	**57710060**
		20	24	**57670020**	**–**
		22	26	**57670030**	**–**
	8	24	28	**57670040**	**–**
		26	30	**57670050**	**–**
		28	32	**57670060**	**–**

Minimum order quantity: 10 units

TUMOR KOMBISTENT

PREASSEMBLED, STEERABLE TUMOR STENT ACC.TO SACHSE

TUMOR KOMBISTENT UROSOFT® PREASSEMBLED, STEERABLE TUMOR STENT

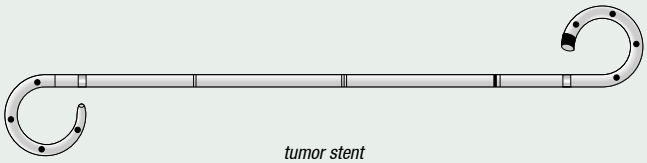
Set components:

- Urosoft® tumor stent, open-end tip
- Pusher system with inner catheter
- Guide wire with movable core

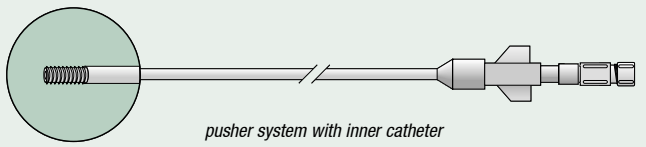
Bard® / angiomed® has developed particularly effective ureteral stents for temporary as well as for palliative treatments of internal urinary drainage when tumors are present in the urogenital tract.

The special design of the Bard® / angiomed® tumor stent guarantees optimal drainage, even in cases where the ureter is extremely compressed.

The soft material of the pigtail section offers the highest patient comfort, while the special stiffened shaft portion prevents the stent from collapsing. The tumor stent sideholes are strategically placed to allow drainage and to prevent the growth of tissue into the stent.

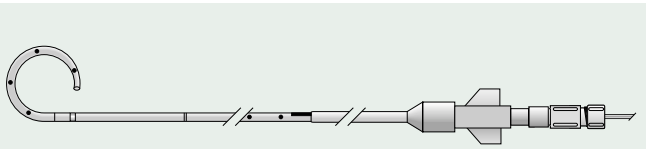


tumor stent



pusher system with inner catheter

guide wire with movable core



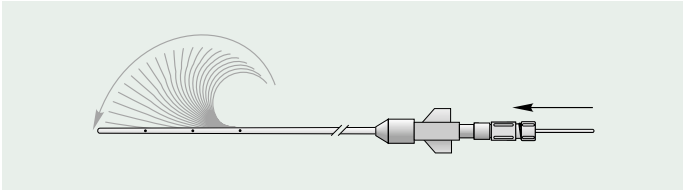
assembled

- Simple and safe use as
  - preassembly allows withdrawing and a 1:1 torque ratio of the stent system
  - the movable core guide wire facilitates the manipulation of the tip of the stent and the passage through tortuous anatomy.
- Special design of the tumor stent guarantees optimal drainage
- Soft-polyurethane
- Low encrustation tendency
- Patient comfort

TUMOR KOMBISTENT

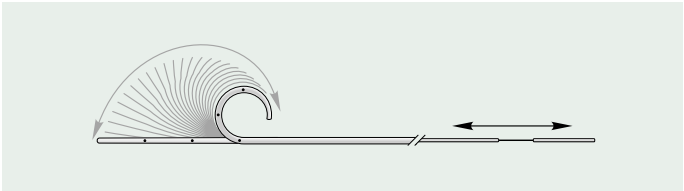
PREASSEMBLED, STEERABLE TUMOR STENT ACC.TO SACHSE

1. The guide wire is carefully pushed forward to completely straighten the ureteral stent, and can be fixed with the Tuohy-Borst adapter.



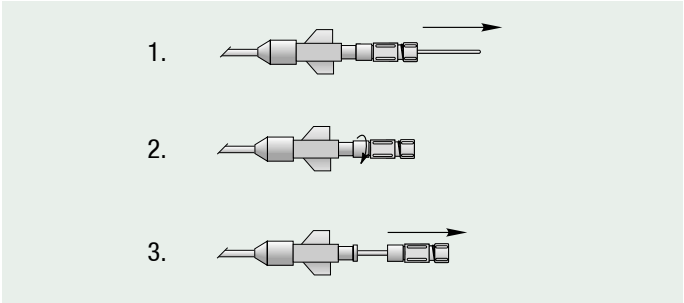
2. The stent is inserted cystoscopically into the ureter.

3. The shape of the ureteral stent´s distal tip can be manipulated by retracting the movable core of the guide wire. The new coupling device allows rotations of the stent at a 1:1 ratio. If necessary, the stent can be withdrawn.



4. The pusher is disconnected from the stent after correct placement as follows:

   1. Remove the guide wire after opening the Tuohy-Borst adapter
   2. Hold the winged adapter and turn the screw cap to the left
   3. Remove the inner catheter from the pusher system
   4. Remove the pusher



Type	Ø [F]	Shaft length [cm]	Total length [cm]	open-end tip
Tumor Kombistent		20	24	**56390020**
preassembled,		22	26	**56390030**
steerable tumor stent	6	24	28	**56390040**
		26	30	**56390050**
		28	32	**56390060**
		20	24	**56391020**
		22	26	**56391030**
	7	24	28	**56391040**
		26	30	**56391050**
		28	32	**56391060**
		20	24	**56392020**
		22	26	**56392030**
	8	24	28	**56392040**
		26	30	**56392050**
		28	32	**56392060**

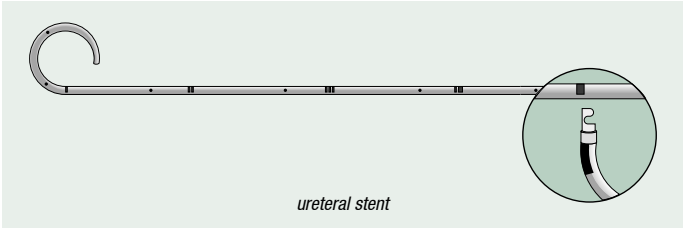
Minimum order quantity: 5 units

UROPATH

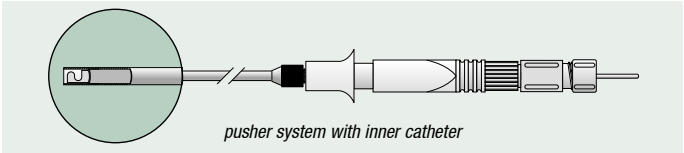
PREASSEMBLED, STEERABLE URETERAL STENT

UROPATH
PREASSEMBLED, STEERABLE URETERAL STENT

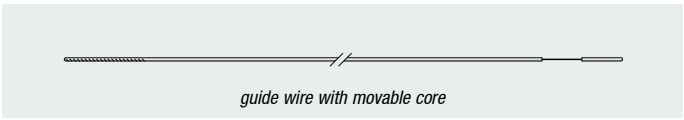
- Simple and safe operation as
  - preassembly allows withdrawing and a 1:1 torque ratio of the stent system
  - the guide wire with movable core facilitate the manipulation of the tip of the stent and the passage through tortuous anatomy.
- Soft-polyurethane
- Low encrustation tendency
- Patient comfort



ureteral stent



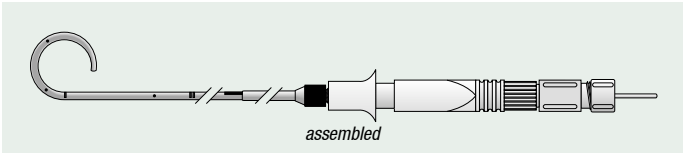
pusher system with inner catheter



guide wire with movable core

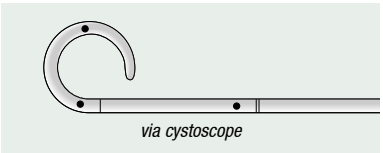
Set components:

- Ureteral stent
- Pusher system with inner catheter
- Guide wire with movable core

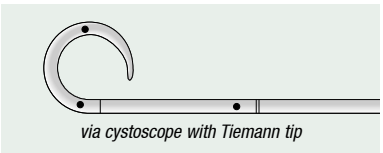


assembled

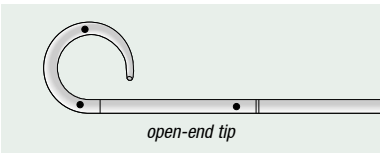
VARIETY OF TIPS



via cystoscope



via cystoscope with Tiemann tip

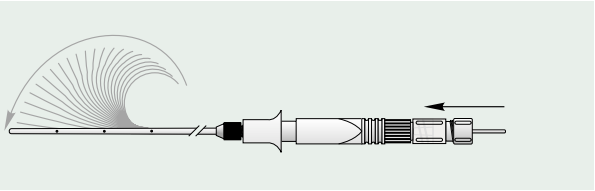


open-end tip

UROPATH

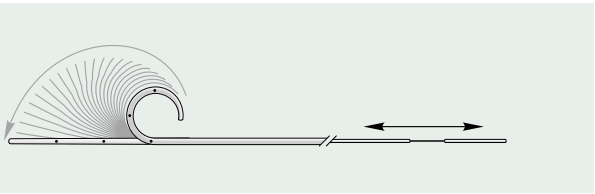
PREASSEMBLED, STEERABLE URETERAL STENT

1. The guide wire is carefully pushed forward to completely straighten the ureteral stent. With the help of the Tuohy-Borst adapter the guide wire can be fixed.



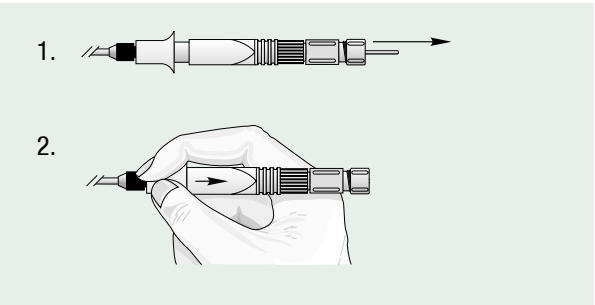
2. The stent is cystoscopically inserted into the ureter.

3. The configuration of the ureteral stent´s distal tip can be manipulated by retracting the movable core of the guide wire. The new coupling device allows the rotation of the stent at a 1:1 ratio. If necessary, the stent can be withdrawn.



4. The pusher is disconnected from the stent after correct placement as follows:

   1. Remove the guide wire after opening the Tuohy-Borst adapter
   2. Pull back the funnel-shaped part of the handgrip
   3. Remove the pusher system after releasing the coupling



Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip
Uropath		20	24	**86400020**	**86500020**	**86450020**
preassemled, steerable		22	26	**86400030**	**86500030**	**86450030**
ureteral stent	6	24	28	**86400040**	**86500040**	**86450040**
		26	30	**86400050**	**86500050**	**86450050**
		28	32	**86400060**	**86500060**	**86450060**
		20	24	**86410020**	**86510020**	**86460020**
		22	26	**86410030**	**86510030**	**86460030**
	7	24	28	**86410040**	**86510040**	**86460040**
		26	30	**86410050**	**86510050**	**86460050**
		28	32	**86410060**	**86510060**	**86460060**
		20	24	**86420020**	**86520020**	**86470020**
		22	26	**86420030**	**86520030**	**86470030**
	8	24	28	**86420040**	**86520040**	**86470040**
		26	30	**86420050**	**86520050**	**86470050**
		28	32	**86420060**	**86520060**	**86470060**

Minimum order quantity: 10 units

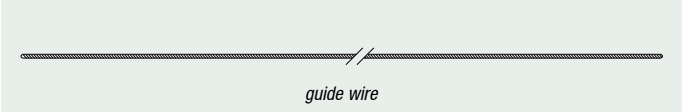
SCHUELLER URETEROTOMY STENT SET

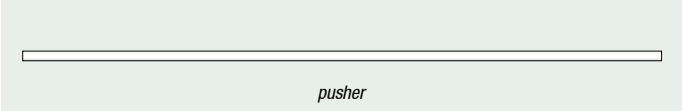
Ureteral stent with movable sleeve for stenting after internal ureterotomy.

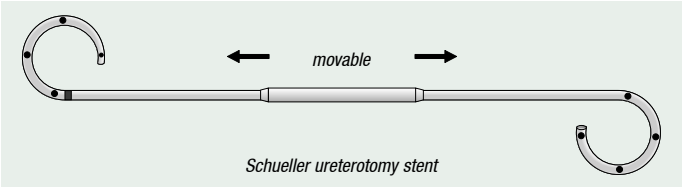
SCHUELLER URETEROTOMY STENT SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Schueller ureterotomy stent
- Clamp









Type	Ureteral stent- Ø [F]	Shaft length [cm]	Total length [cm]	Sleeve length [cm]	**Order-No.**
Schueller ureterotomy stent set	7	22	26	5	**61560010**
				7	**61560020**
		24	28	5	**61560110**
				7	**61560120**
				9	**61560130**
		26	30	5	**61560210**
		28	32	7	**61560320**
	8	22	26	5	**61570010**
				7	**61570020**
		24	28	5	**61570110**
				7	**61570120**
		26	30	5	**61570210**
				7	**61570220**
		28	32	7	**61570320**

Minimum order quantity: 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

TUMOR STENT SET

Bard® / angiomed® has developed ureteral stents for temporary as well as palliative internal urinary drainage that are particularly effective in the presence of tumors in the urogenital tract.

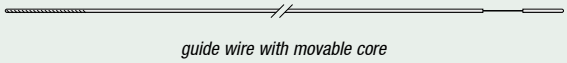
TUMOR STENT SET

Set components:

- Guide wire with movable core
- Pusher
- Tumor stent

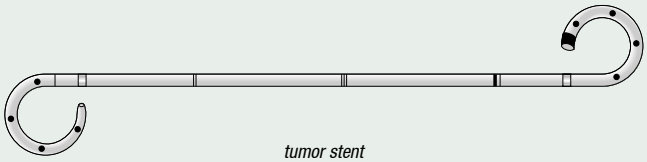
The special design of the Bard® / angiomed® tumor stent optimizes drainage, even in cases where the ureter is extremely compressed.

The soft material of the pigtail section offers high patient comfort, while the special stiffened shaft portion helps to prevent the stent from collapsing. The tumor stent sideholes are strategically placed to allow drainage and to prevent the ingrowth of tissue into the stent.



guide wire with movable core

pusher



tumor stent

Type	Ø [F]	Shaft length [cm]	Total length [cm]	Order-No.
Tumor stent set	6	20	24	**60521020**
		22	26	**60521030**
		24	28	**60521040**
		26	30	**60521050**
		28	32	**60521060**
	7	20	24	**60522020**
		22	26	**60522030**
		24	28	**60522040**
		26	30	**60522050**
		28	32	**60522060**
	8	20	24	**60523020**
		22	26	**60523030**
		24	28	**60523040**
		26	30	**60523050**
		28	32	**60523060**

Minimum order quantity: 5 units

UROSOFT® URETERAL BYPASS SET

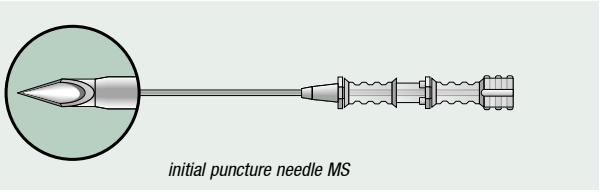
UROSOFT® URETERAL BYPASS SET

The Urosoft® ureteral bypass set is indicated for patients suffering from hydronephrosis associated with definite ureteral damage, but intact renal and bladder functions and an unobstructed urethral canal.

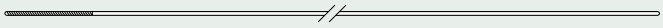
Urosoft® is a tried and proven ureteral stent material based on soft-polyurethane compound. It is soft and flexible and offers a high degree in patient comfort.

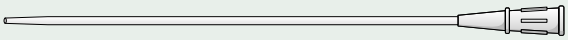
Set components:

- Initial puncture needle set with MS-cut
- Guide wire, ***FEP****[1]-coated, straight
- Nitinol guide wire (Black Wire), straight
- Dilators 8 F, 10 F, 12 F
- Vesico needle 10 F
- Urosoft® double pigtail stent, 9 F, 54 cm
- Special dilator with sheath

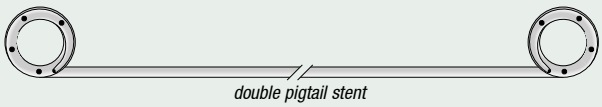

initial puncture needle MS


guide wire


nitinol guide wire


dilators


vesico needle


double pigtail stent


pin-vise


special dilator with sheath

Type	Ø [F]	Shaft length [cm]	Total length [cm]	Order-No.
Urosoft® ureteral bypass set	9	50	54	**56995090**

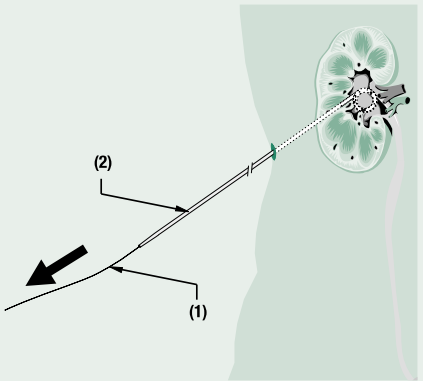
Minimum order quantity: 5 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

UROSOFT® URETERAL BYPASS SET

Items required

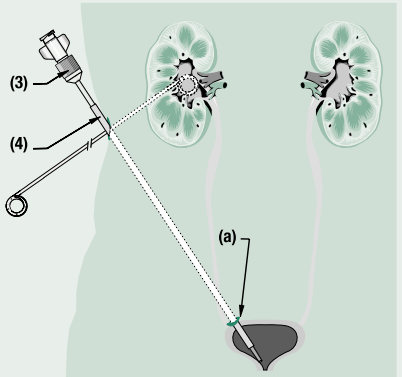
- initial puncture needle
- 1 guide wire (1)
- dilators
- double pigtail stent (2)



1. The initial step consists in puncturing the patient's renal collecting system by performing a pyelostomy. The guide wire (1) is inserted through the pyelostomy aperture so that the pyelostomy can be removed. Now, dilatation of the transparietal canal can be performed. One end of the stent (2) is placed via the guide wire (1) until well lodged inside the renal collecting system. This end of the stent may be fixed to the exterior tendinous tissue, if appropriate.

Items required

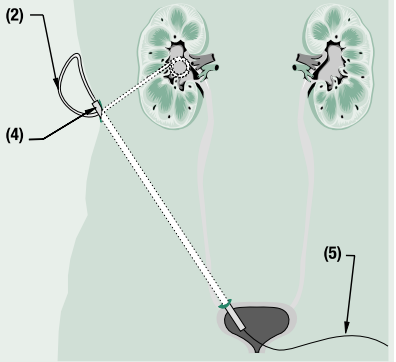
- special dilator (3) and sheath (4)



2. The special dilator (3) with sheath (4) is introduced through the lumbar skin aperture adjacent to the pyelostomy site. The dilator is advanced so as to create a subcutaneous track from the lumbar cavity to the prevesical region (a). Once the end of the special dilator has reached this region, an incision is performed at its tip, using a scalpel, thus creating access to the end of the special dilator with sheath. The dilator (3) is removed.

Items required

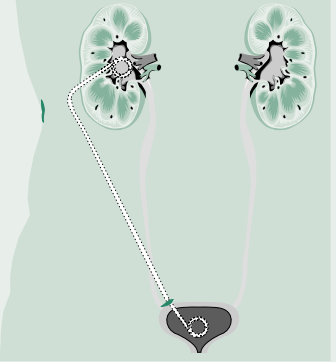
- 1 guide wire (5)
- double pigtail stent (2)



3. The end of the stent (2) is advanced up to the prevesical region via the guide wire (5). The sheath (4) can now be taken out; afterwards, the guide wire can be removed from the lumen of the stent while holding the stent in order to ensure accurate placement.

Items required

- Vesico needle
- double pigtail stent



4. The suprapubic catheter kit is placed once the bladder has been filled. The end of the stent is inserted into the Vesico needle for suprapubic puncture. Puncture is then performed and the stent is introduced into the bladder. The procedure is completed by closing the incisions with several stitches or clamps.

UROSOFT® MULTIPURPOSE STENT

UROSOFT® MULTIPURPOSE STENT

Set components:

- Nitinol guide wire
- Pusher
- Ureteral stent
- Ureteral catheter connector
- Inserter

The Urosoft multipurpose stent is indicated for:

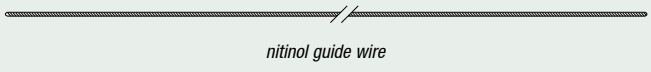
- urine drainage after pyeloplasty
- radiographic or urodynamic investigations of the anastomotic status

- **PUSHER**

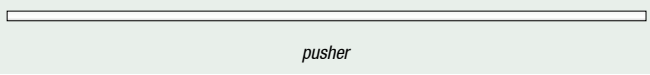
  Material: green polypropylene for 4.7 F and transparent polypropylene for 6, 8 and 10 F
  Length: 41 cm

- **GUIDE WIRE**

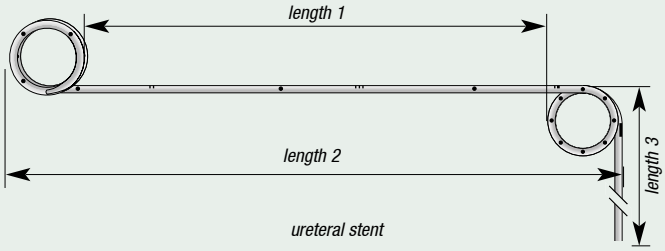
  Material: nitinol
  Ø: .035i
  Length: 145 cm



nitinol guide wire



pusher



ureteral stent



ureteral catheter connector



inserter

Type	Ø [F]	Shaft length (length 1) [cm]	Total length (length 2) [cm]	Total length (length 3) [cm]	Order-No.
UROSOFT®		10	14	22	**61475010**
multipurpose stent	4.7	12	16	22	**61475020**
		10	14	22	**61476010**
	6	12	16	22	**61476020**
	8	24	28	22	**61478140**
	10	24	28	22	**61479140**

Minimum order quantity: 10 units

VVR URETERAL STENT SET

ACC.TO VEKEMANS / VAN RENTERGHEM

VVR URETERAL STENT SET

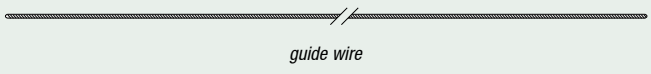
Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- 3 F ureteral stent

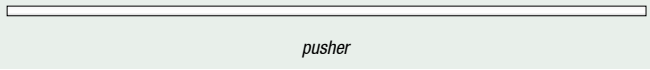
The small diameter (3 F) of the stent allows the usage of an uretero-renoscope and thus ensures a minimally traumatic stent placement.

- **PUSHER**

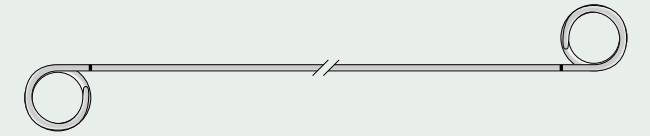
  Material: blue polyamide
  Length: 70 cm



guide wire



pusher



ureteral stent

Type	Ø [F]	Shaft length [cm]	Total length [cm]	Order-No.
VVR ureteral stent set		22	26	**57403231**
	3	24	28	**57403241**

Minimum order quantity: 5 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

CROSS STENT

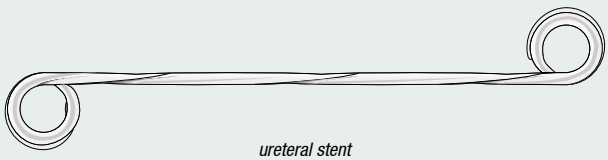
CROSS STENT

Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent

guide wire

pusher



ureteral stent



cross section

Type	Ø [F]	Shaft length [cm]	Total length [cm]	open-end tip
Cross stent	6	24	28	**57510040**
		22	26	**57520030**
	7	24	28	**57520040**
		26	30	**57520050**

Minimum order quantity: 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

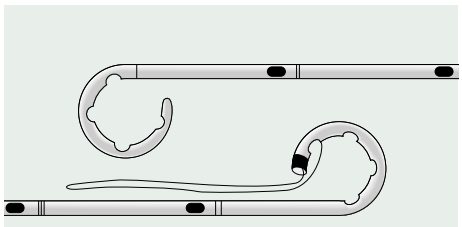


PUROFLEX® - GENERAL INFORMATION

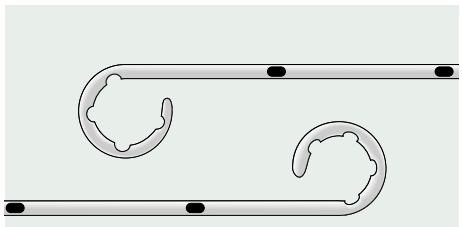
Puroflex® is made of soft-polyurethane, a radiopaque material with a low encrustation tendency.

Puroflex® ureteral stents have large drainage holes on the inner side of the pigtail curves and a large lumen that enhances drainage.

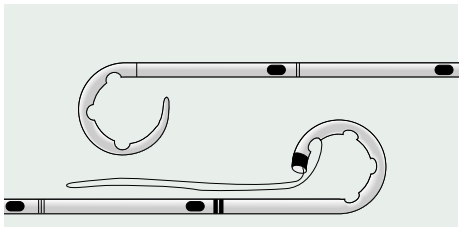
Puroflex® ureteral stents which are introduced cystoscopically or percutaneously are graduated for easy identification and exact positioning.



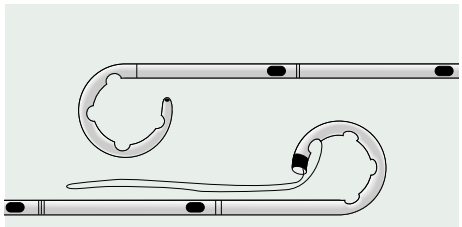
via cystoscope



intra-operative



via cystoscope with Tiemann tip



open-end tip

URETERAL STENT SET

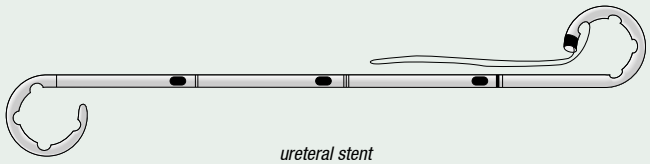
URETERAL STENT SET

Set components:

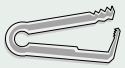
- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher *(not included in intra-operative versions)*
- Ureteral stent
- Clamp *(only for cystoscopic tip versions)*

guide wire

pusher



ureteral stent



clamp

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

URETERAL STENT SET

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip	intra-operative
Ureteral stent set		12	16	**55500010**	**–**	**56100010**	**–**
		16	20	**55500014**	**–**	**–**	**–**
		18	22	**55500016**	**–**	**56100016**	**–**
		20	24	**55500020**	**–**	**56100020**	**–**
	4.7*	22	26	**55500030**	**–**	**56100030**	**–**
		24	28	**55500040**	**–**	**56100040**	**–**
		26	30	**55500050**	**–**	**56100050**	**–**
		28	32	**55500060**	**–**	**–**	**–**
		12	16	**55510010**	**–**	**56110010**	**55710010**
		18	22	**–**	**–**	**56110016**	**–**
		20	24	**55510020**	**55910020**	**56110020**	**55710020**
	6	22	26	**55510030**	**55910030**	**56110030**	**55710030**
		24	28	**55510040**	**55910040**	**56110040**	**55710040**
		26	30	**55510050**	**55910050**	**56110050**	**55710050**
		28	32	**55510060**	**55910060**	**56110060**	**55710060**
		12	16	**55520010**	**–**	**56120010**	**55720010**
		20	24	**55520020**	**–**	**56120020**	**–**
		22	26	**55520030**	**55920030**	**56120030**	**55720030**
	7	24	28	**55520040**	**55920040**	**56120040**	**55720040**
		26	30	**55520050**	**55920050**	**56120050**	**55720050**
		28	32	**55520060**	**55920060**	**56120060**	**55720060**
		22	26	**55530030**	**–**	**56130030**	**–**
		24	28	**55530040**	**55930040**	**56130040**	**55730040**
	8	26	30	**55530050**	**55930050**	**56130050**	**55730050**
		28	32	**55530060**	**55930060**	**–**	**55730060**
		22	26	**55540030**	**–**	**56140030**	**–**
		24	28	**55540040**	**–**	**56140040**	**–**
	9	26	30	**–**	**–**	**56140050**	**–**
		28	32	**55540060**	**–**	**–**	**–**
Ureteral stent set		12	16	**55500110**	**–**	**–**	**–**
via uretero-renoscope	4.7*	22	26	**55500130**	**–**	**56100130**	**–**
(pusher length 70 cm)		24	28	**55500140**	**–**	**56100140**	**–**
		26	30	**55500150**	**–**	**56100150**	**–**
		28	32	**55500160**	**–**	**–**	**–**

* 4.7 F ureteral stents with double pigtails

Minimum order quantity: 10 units

PROBING AND URETERAL STENT SET

PROBING AND URETERAL STENT SET

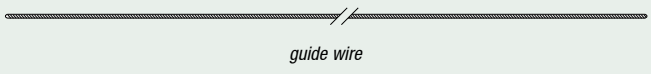
Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent
- Selec-Tip® ureteral catheter with stylet and injection adapter

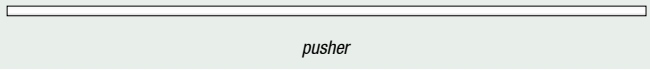
Bard® / angiomed® has answered the requests of customers for an interchangeable component combination instrument for probing, contrast-media visualisation and subsequent stenting of the ureter by developing the probing and ureteral stent set.

The open-end Selec-Tip® ureteral catheter with manipulation tip is used for probing. The probing of the ureteral orifice and ureter up to the renal pelvis is simplified by the manoeuvrable tip of the ureteral catheter. Contrast-media visualisation of the ureter can be performed by removing the ureteral catheter stylet and by attaching the injection adapter included in the set.

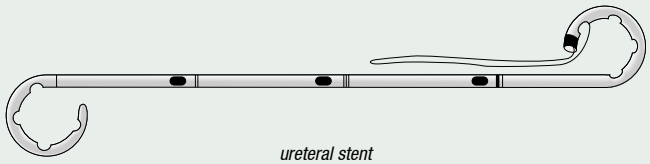
After positioning the Selec-Tip® ureteral catheter, the stylet can be exchanged for the guide wire included in the set. The ureteral catheter is then removed and the open end ureteral stent can be safely inserted over the guide wire.



guide wire



pusher

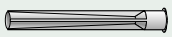


ureteral stent



Selec-Tip® ureteral catheter

stylet



injection adapter

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

PROBING AND URETERAL STENT SET

Components of 4.7 F sets:

- Ureteral catheter

  F-size: 4 F
  Length: 69 cm
  Configuration: cylindrical, curved
  Sidehole: none
  Stylet: 0.5 mm x 69 cm
  Material: polyamide

- Guide wire

  Ø: .032i
  Configuration: ***PTFE****[1]-coated, straight, fixed core
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: green

Components of 6 F and 7 F sets:

- Ureteral catheter

  F-size: 5 F
  Length: 69 cm
  Configuration: cylindrical, curved
  Sidehole: none
  Stylet: 0.5 mm x 69 cm
  Material: polyamide

- Guide wire

  Ø: .035i
  Configuration: ***PTFE****[1]-coated, straight, fixed core
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral catheter- Ø [F]	Stent- Ø [F]	Stent shaft length [cm]	Total stent length [cm]	**Order-No.**
Probing and ureteral stent set	4	4.7*	20	24	**56850030**
			22	26	**56850040**
			24	28	**56850050**
	5	6	20	24	**56861030**
			22	26	**56861040**
			24	28	**56861050**
	5	7	20	24	**56862030**
			22	26	**56862040**
			24	28	**56862050**

* 4.7 F ureteral stents with double pigtails.

Minimum order quantity: 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

BARD

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight
- Pusher
- Ureteral stent
- Ureteral injection catheter
- Clamp

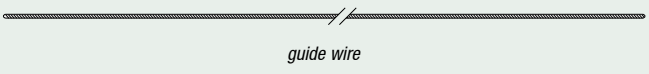
The **THREE IN ONE** packaging box contains three separate pouches with the following components:

– Pouch 1: ureteral stent and pusher

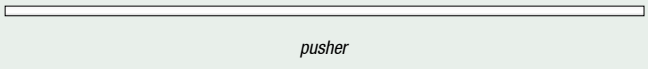
– Pouch 2: ureteral injection catheter

– Pouch 3: guide wire

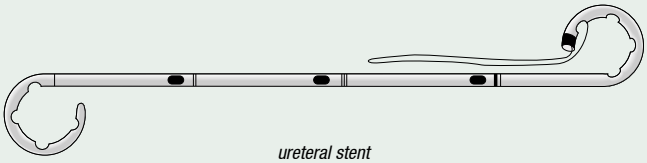
The advantage of the individually packed products is that the physician can leave products, for example the guide wire, sterile if another type of guide wire is used for the procedure. This leads to a cost reduction and an additional saving potential for hospitals, as the guide wire can be used for another patient or treatment.



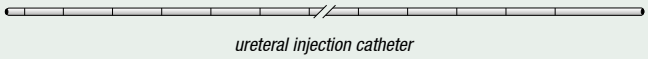
guide wire



pusher



ureteral stent



ureteral injection catheter



clamp

BARD

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

Set components of 6 F and 7 F sets:

- Ureteral injection catheter

  F-size: 6 F
  Length: 69 cm
  Configuration: straight, open-end tip
  Sidehole: none
  Stylet: none
  Material: polyurethane

- Guide wire

  Ø: .038i
  Configuration: ***PTFE****[1]-coated, straight
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral injection catheter- Ø [F]	Ureteral stent- Ø [F]	Stent shaft length [cm]	Total stent length [cm]	via cystoscope with Tiemann tip	via cystoscope	open-end tip
Three in one			20	24	**55600120**	**55800120**	**56910120**
Ureteral stent probing			22	26	**55600130**	**55800130**	**56910130**
and placement set	6	6	24	28	**55600140**	**55800140**	**56910140**
			26	30	**55600150**	**55800150**	**56910150**
			20	24	**55600220**	**55800220**	**56910220**
			22	26	**55600230**	**55800230**	**56910230**
	6	7	24	28	**55600240**	**55800240**	**56910240**
			26	30	**55600250**	**55800250**	**56910250**

Accessories	
Syringe adapter	**63760010**

Minimum order quantity: sets 1 unit, accessories 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

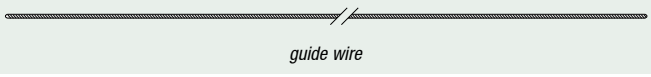
BARD

PEDIATRIC URETERAL STENT SET

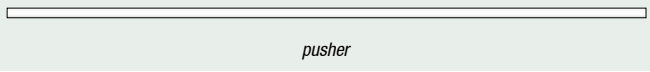
PEDIATRIC URETERAL STENT SET

Set components:

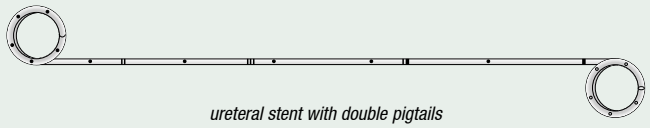
- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent with double pigtails
- Clamp



guide wire



pusher



ureteral stent with double pigtails



clamp

Bard® / angiomed® has recognized the increasing importance of pediatric urology and has developed a comprehensive ureteral stent range. This range covers a wide variety of applications with a wide product base.

The 4 F stents are manufactured from **Puroflex**®, a polyurethane of the highest medical quality.

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	open-end tip
Puroflex®		6	10	**60401010**	–
Pediatric ureteral stent set		8	12	**60401020**	**60411020**
	4	10	14	**60401030**	**60411030**
		12	16	**60401040**	**60411040**

Minimum order quantity: 5 units

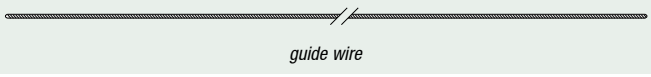
[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

UROLOGICAL ENDOPROTHESIS SET

UROLOGICAL ENDOPROSTHESIS SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Urological endoprosthesis
- Ureteral catheter connector



guide wire



urological endoprosthesis



ureteral catheter connector

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip
Urological	4.7	68	70	**56800010**	**–**	**–**
endoprosthesis set	6	68	70	**56800020**	**56810020**	**56820020**
	7	68	70	**56800030**	**56810030**	**56820030**
	8	68	70	**56800040**	**56810040**	**56820040**
	9	68	70	**56800050**	**56810050**	**56820050**

Minimum order quantity: 10 units

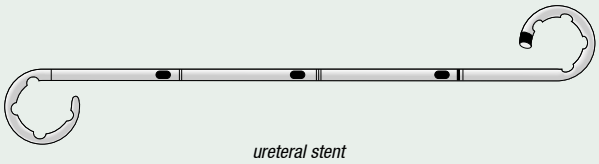
[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

BARD

REPLACEMENT URETERAL STENT

REPLACEMENT URETERAL STENT

Replacement ureteral stent sets are delivered with stent (without suture) and pusher only.



ureteral stent

pusher

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope
Ureteral stent set		12	16	**55504011**
	4.7	22	26	**55504031**
		24	28	**55504043**
	6.0	24	28	**55514045**

Minimum order quantity: 10 units

PUROFLEX® STEERABLE URETERAL STENTS

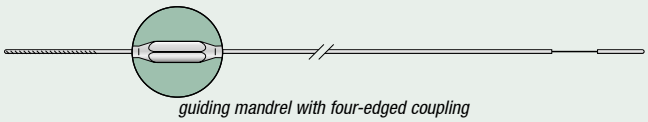
MULTIFUNCTION STENT

ACC. TO BRANDL/CHAUSSY/SACHSE

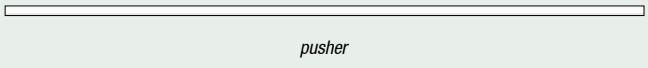
MULTIFUNCTION STENT

Set components:

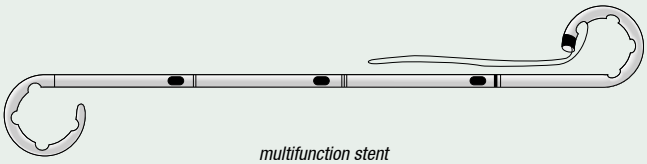
- Guiding mandrel with four-edged coupling
- Pusher
- Multifunction stent
- Clamp



guiding mandrel with four-edged coupling



pusher



multifunction stent



clamp

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip
Multifunction stent		20	24	**56670020**	**–**
		22	26	**56670030**	**56720030**
	6	24	28	**56670040**	**56720040**
		26	30	**56670050**	**56720050**
		22	26	**56680030**	**56730030**
	7	24	28	**56680040**	**56730040**
		26	30	**56680050**	**56730050**
		22	26	**56690030**	**–**
	8	24	28	**56690040**	**–**

Minimum order quantity: 10 units

VARIO-STENT®

PREASSEMBLED, STEERABLE URETERAL STENT

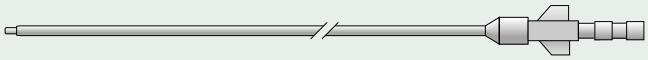
VARIO-STENT®
PREASSEMBLED STEERABLE URETERAL STENT

Set components:

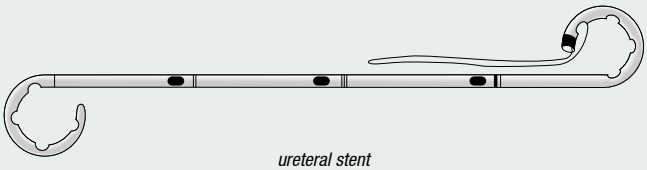
- Guide wire with movable core
- Pusher system with inner catheter
- Ureteral stent

- **Preassembled product allows a simple and safe operation**
- **Excellent steerability**
- **Safe placement even in difficult anatomical conditions**
- **Soft-polyurethane**
- **Low encrustation tendency**
- **High patient comfort**

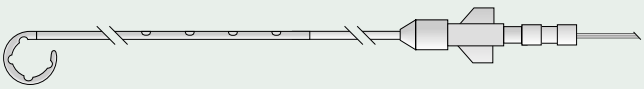
guide wire with movable core



pusher system with inner catheter



ureteral stent



assembled

VARIO-STENT®

PREASSEMBLED, STEERABLE URETERAL STENT

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip
Vario-Stent®		12	16	**56770010**	**–**
preassembled, steerable		20	24	**56770030**	**–**
ureteral stent	6	22	26	**56770040**	**56780040**
		24	28	**56770050**	**56780050**
		26	30	**–**	**56780060**
		20	24	**56771030**	**–**
		22	26	**56771040**	**–**
	7	24	28	**56771050**	**56781050**
		26	30	**56771060**	**56781060**
		28	32	**–**	**56781070**
	8	22	26	**56772040**	**–**

Minimum order quantity: 10 units

UROPATH

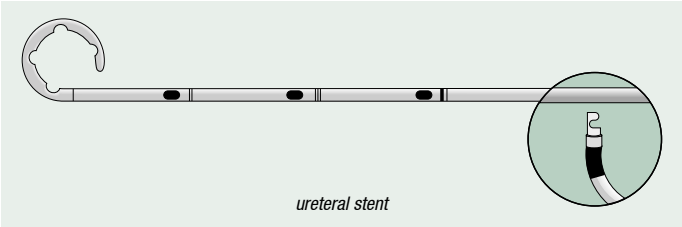
PREASSEMBLED, STEERABLE URETERAL STENT

UROPATH
PREASSEMBLED, STEERABLE URETERAL STENT

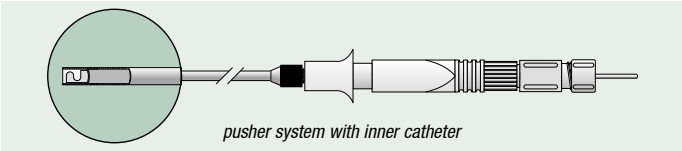
- Simple and safe operation as
  - preassembly allows withdrawing and a 1:1 torque ratio of the stent system
  - the guide wire with movable core facilitates the manipulation of the tip of the stent and the passage through tortuous anatomy.
- Soft-polyurethane
- Low encrustation tendency
- Patient comfort

Set components:

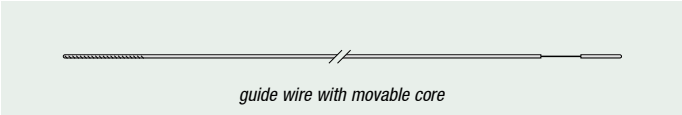
- Ureteral stent
- Pusher system with inner catheter
- Guide wire with movable core



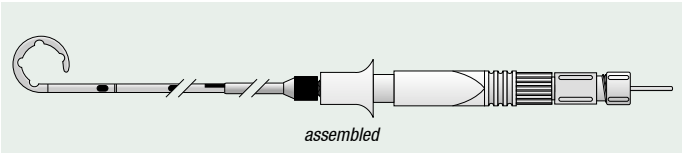
ureteral stent



pusher system with inner catheter

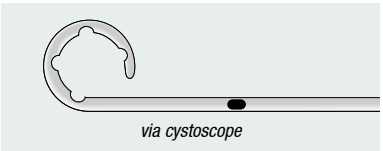


guide wire with movable core

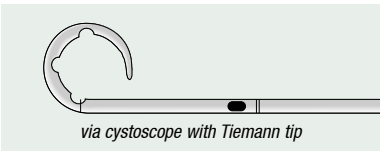


assembled

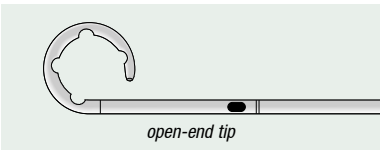
VARIETY OF TIPS



via cystoscope



via cystoscope with Tiemann tip

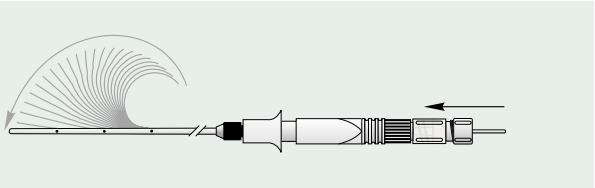


open-end tip

UROPATH

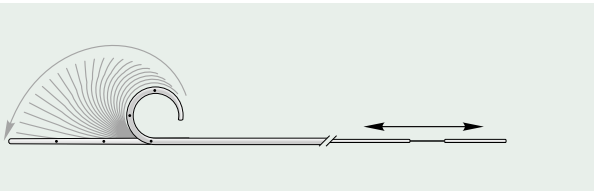
PREASSEMBLED, STEERABLE URETERAL STENT

1. The guide wire is carefully pushed forward to completely straighten the ureteral stent. With the help of the Tuohy-Borst adapter the guide wire can be fixed.



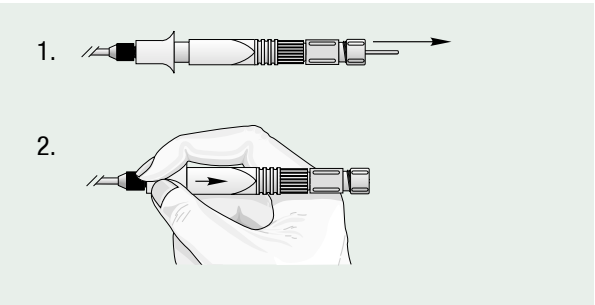
2. The stent is cystoscopically inserted into the ureter.

3. The configuration of the ureteral stent´s distal tip can be manipulated by retracting the movable core of the guide wire. The new coupling device allows the rotation of the stent at a 1:1 ratio. If necessary, the stent can be withdrawn.



4. The pusher is disconnected from the stent after correct placement as follows:

   1. Remove the guide wire after opening the Tuohy-Borst adapter
   2. Pull back the funnel-shaped part of the handgrip
   3. Remove the pusher system after releasing the coupling



Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip
Uropath		20	24	**86050020**	**86150020**	**86100020**
preassemled, steerable		22	26	**86050030**	**86150030**	**86100030**
ureteral stent	6	24	28	**86050040**	**86150040**	**86100040**
		26	30	**86050050**	**86150050**	**86100050**
		28	32	**86050060**	**86150060**	**86100060**
		20	24	**86060020**	**86160020**	**86110020**
		22	26	**86060030**	**86160030**	**86110030**
	7	24	28	**86060040**	**86160040**	**86110040**
		26	30	**86060050**	**86160050**	**86110050**
		28	32	**86060060**	**86160060**	**86110060**
		20	24	**86070020**	**86170020**	**86120020**
		22	26	**86070030**	**86170030**	**86120030**
	8	24	28	**86070040**	**86170040**	**86120040**
		26	30	**86070050**	**86170050**	**86120050**
		28	32	**86070060**	**86170060**	**86120060**

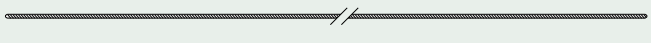
Minimum order quantity: 10 units

CROSS STENT

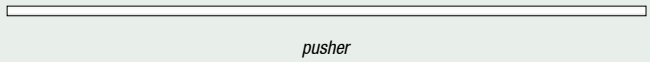
CROSS STENT

Set components:

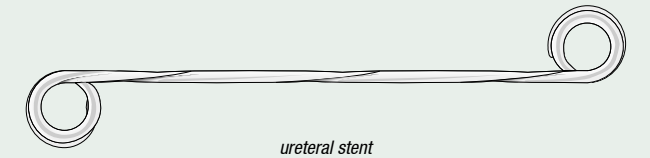
- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent



guide wire



pusher



ureteral stent



cross section

Type	Ø [F]	Shaft length [cm]	Total length [cm]	open-end tip
Cross stent	6	24	28	**56210040**
		26	30	**56220050**
	7	28	32	**56220060**

Minimum order quantity: 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.



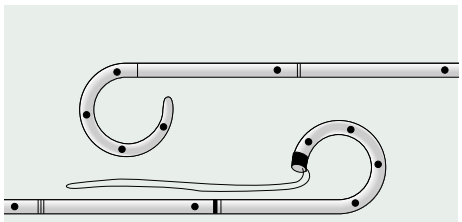
GREY STENT - GENERAL INFORMATION

Grey stents are manufactured from a soft-polyurethane derivative.

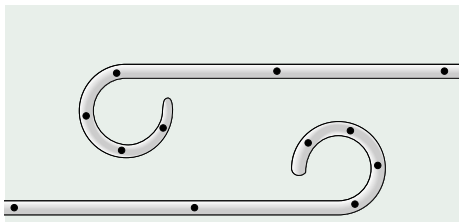
Grey stent ureteral stents are soft and flexible and offer a maximum of patient comfort.

Grey stent ureteral stents are a competitive alternative to our tried and proven Puroflex® ureteral stents.

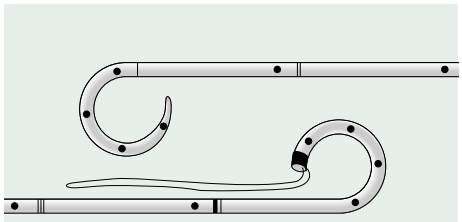
They are recommended for short-time drainage and especially for E.S.W.L. in order to avoid "Steinstrasse" complications.



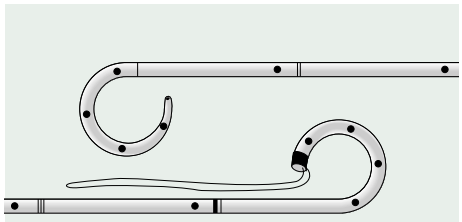
via cystoscope



intra-operative



via cystoscope with Tiemann tip



open-end tip

URETERAL STENT SET

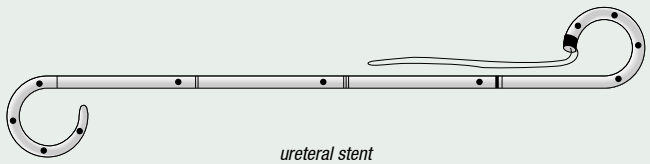
URETERAL STENT SET

Set components:

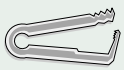
- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher *(not included in intra-operative versions)*
- Ureteral stent
- Clamp *(only for cystoscopic tip versions)*

guide wire

pusher



ureteral stent



clamp

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

GREY STENT

URETERAL STENT SET

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip	intra-operative
Ureteral stent set		12	16	**–**	**59210010**	**59410010**	**–**
		20	24	**–**	**–**	**59410020**	**–**
		22	26	**58710030**	**–**	**59410030**	**58910030**
	6	24	28	**58710040**	**59210040**	**59410040**	**58910040**
		26	30	**58710050**	**59210050**	**59410050**	**58910050**
		28	32	**–**	**59210060**	**59410060**	**58910060**
		12	16	**–**	**–**	**59420010**	**–**
		20	24	**–**	**–**	**59420020**	**–**
		22	26	**–**	**59220030**	**59420030**	**–**
	7	24	28	**58720040**	**59220040**	**59420040**	**58920040**
		26	30	**58720050**	**59220050**	**59420050**	**58920050**
		28	32	**58720060**	**59220060**	**59420060**	**–**
		20	24	**–**	**–**	**59430020**	**–**
		22	26	**–**	**–**	**59430030**	**58930030**
	8	24	28	**58730040**	**59230040**	**59430040**	**58930040**
		26	30	**58730050**	**59230050**	**59430050**	**–**
		28	32	**–**	**–**	**59430060**	**–**

Minimum order quantity: 10 units

PROBING AND URETERAL STENT SET

PROBING AND URETERAL STENT SET

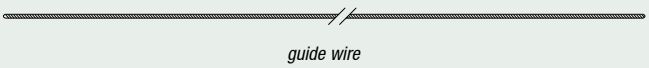
Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Pusher
- Ureteral stent
- Selec-Tip® ureteral catheter with stylet and injection adapter

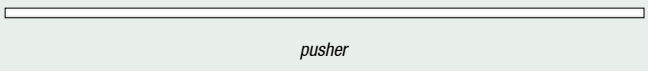
Bard® / angiomed® has answered the requests of customers for an interchangeable component combination instrument for probing, contrast-media visualisation and subsequent stenting of the ureter by developing the probing and ureteral stent set.

The open-end Selec-Tip® ureteral catheter with manipulation tip is used for probing. The probing of the ureteral orifice and ureter up to the renal pelvis is simplified by the manoeuvrable tip of the ureteral catheter. Contrast-media visualisation of the ureter can be performed by removing the ureteral catheter stylet and by attaching the injection adapter included in the set.

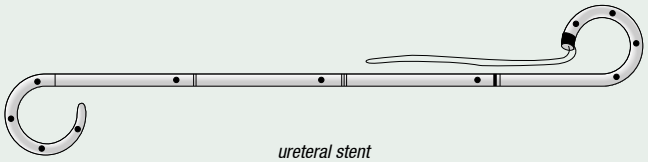
After positioning the Selec-Tip® ureteral catheter, the stylet can be exchanged for the guide wire included in the set. The ureteral catheter is then removed and the open end ureteral stent can be safely inserted over the guide wire.



guide wire



pusher



ureteral stent



Selec-Tip® ureteral catheter



stylet



injection adapter

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

PROBING AND URETERAL STENT SET

Components of 6 F and 7 F sets:

- Ureteral catheter

  F-size: 5 F
  Length: 69 cm
  Configuration: cylindrical, curved
  Sidehole: none
  Stylet: 0.5 mm x 69 cm
  Material: polyamide

- Guide wire

  Ø: .035i
  Configuration: ***PTFE****[1]-coated, straight, fixed core
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral catheter- Ø [F]	Stent- Ø [F]	Shaft length [cm]	Total length [cm]	**Order-No.**
Probing and ureteral stent set	5	6	22	26	**59451040**
			24	28	**59451050**
			26	30	**59451060**
			28	32	**59451070**
	5	7	22	26	**59452040**
			24	28	**59452050**

Minimum order quantity: 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight
- Pusher
- Ureteral stent
- Ureteral injection catheter
- Clamp

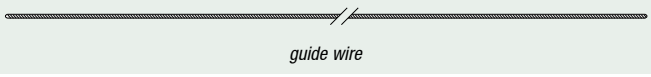
The **THREE IN ONE** packaging box contains three separate pouches with the following components:

– Pouch 1: ureteral stent and pusher

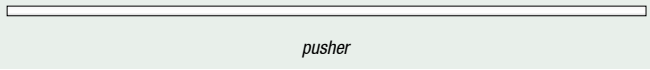
– Pouch 2: ureteral injection catheter

– Pouch 3: guide wire

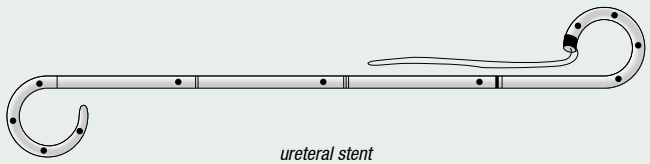
The advantage of the individually packed products is that the physician can leave products, for example the guide wire, sterile if another type of guide wire is used for the procedure. This leads to a cost reduction and an additional saving potential for hospitals, as the guide wire can be used for another patient or treatment.



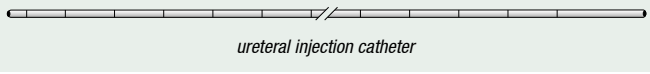
guide wire



pusher



ureteral stent



ureteral injection catheter



clamp

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

THREE IN ONE
URETERAL STENT PROBING AND PLACEMENT SET

Set components of 6 F and 7 F sets:

- Ureteral injection catheter

  F-size: 6 F
  Length: 69 cm
  Configuration: straight, open-end tip
  Sidehole: none
  Stylet: none
  Material: polyurethane

- Guide wire

  Ø: .038i
  Configuration: ***PTFE****[1]-coated, straight
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral injection catheter- Ø [F]	Ureteral stent- Ø [F]	Shaft length [cm]	Total length [cm]	open-end tip
Three in one			20	24	**59500120**
Ureteral stent probing			22	26	**59500130**
and placement set	6	6	24	28	**59500140**
			26	30	**59500150**
			22	26	**59500230**
	6	7	24	28	**59500240**
			26	30	**59500250**

Accessories	
Syringe adapter	**63760010**

Minimum order quantity: sets 1 unit, accessories 10 units

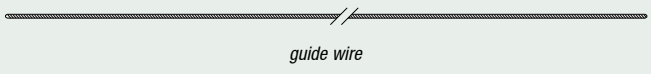
[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

UROLOGICAL ENDOPROTHESIS SET

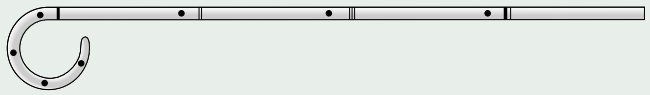
UROLOGICAL ENDOPROSTHESIS SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight, fixed core
- Urological endoprosthesis
- Ureteral catheter connector



guide wire



urological endoprosthesis



ureteral catheter connector

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip
Urological	6	68	70	**60200010**	**60210010**	**60220010**
endoprosthesis set	7	68	70	**60200020**	**60210020**	**60220020**
	8	68	70	**60200030**	**60210030**	**60220030**

Minimum order quantity: 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

GREY STENT STEERABLE URETERAL STENTS

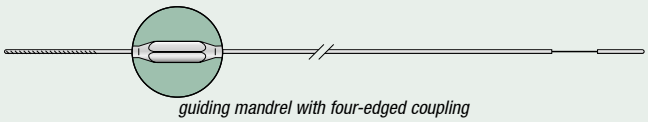
MULTIFUNCTION STENT

ACC. TO BRANDL/CHAUSSY/SACHSE

MULTIFUNCTION STENT

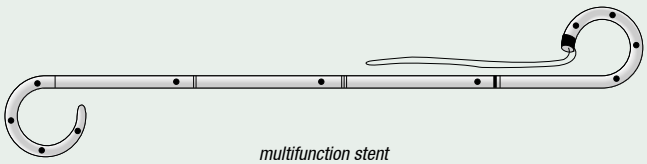
Set components:

- Guiding mandrel with four-edged coupling
- Pusher
- Multifunction stent
- Clamp



guiding mandrel with four-edged coupling

pusher



multifunction stent



Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip
Multifunction stent		20	24	**60070020**	**60120020**
		22	26	**60070030**	**60120030**
	6	24	28	**60070040**	**60120040**
		26	30	**60070050**	**60120050**
		28	32	**60070060**	**60120060**
		20	24	**–**	**60130020**
		22	26	**60080030**	**60130030**
	7	24	28	**60080040**	**60130040**
		26	30	**60080050**	**60130050**
		28	32	**60080060**	**60130060**
		24	28	**60090040**	**60140040**
	8	26	30	**60090050**	**60140050**

Minimum order quantity: 10 units

VARIO-STENT®

PREASSEMBLED, STEERABLE URETERAL STENT

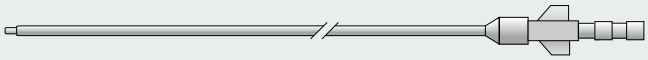
VARIO-STENT®
PREASSEMBLED STEERABLE URETERAL STENT

Set components:

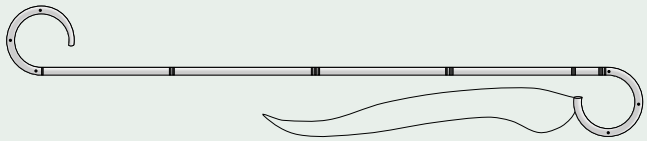
- Guide wire with movable core
- Pusher system with inner catheter
- Ureteral stent

- **Preassembled product allows a simple and safe operation**
- **Excellent steerability**
- **Safe placement even in difficult anatomical conditions**
- **Soft-polyurethane**
- **Low encrustation tendency**
- **High patient comfort**

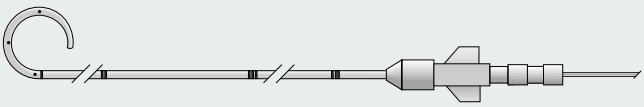
guide wire with movable core



pusher system with inner catheter



ureteral stent



assembled

GREY STENT STEERABLE URETERAL STENTS

VARIO-STENT®

PREASSEMBLED, STEERABLE URETERAL STENT

Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip
Vario-Stent®		10	14	**60050008**	**–**
preassembled, steerable		22	26	**–**	**60060040**
ureteral stent	6	24	28	**60050050**	**60060050**
		26	30	**60050060**	**60060060**
		22	26	**60051040**	**60061040**
		24	28	**60051050**	**60061050**
	7	26	30	**60051060**	**60061060**
		28	32	**–**	**60061070**

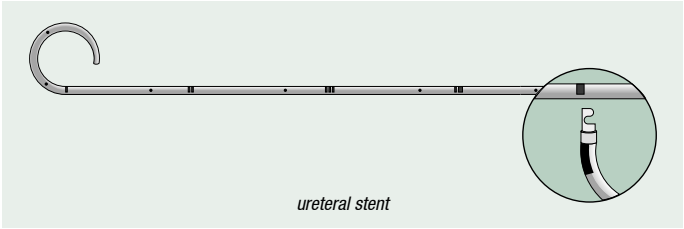
Minimum order quantity: 10 units

UROPATH

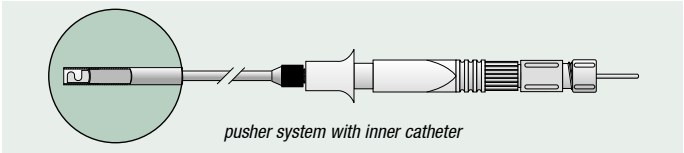
PREASSEMBLED, STEERABLE URETERAL STENT

UROPATH
PREASSEMBLED, STEERABLE URETERAL STENT

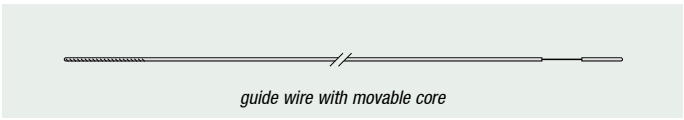
- Simple and safe operation as
  - preassembly allows withdrawing and a 1:1 torque ratio of the stent system
  - the guide wire with movable core facilitates the manipulation of the tip of the stent and the passage through tortuous anatomy.
- Soft-polyurethane
- Low encrustation tendency
- Patient comfort



ureteral stent



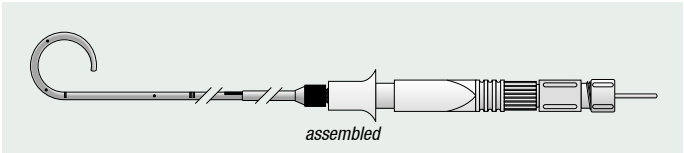
pusher system with inner catheter



guide wire with movable core

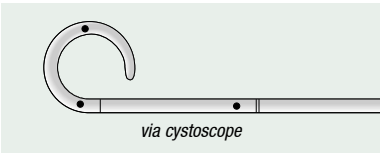
Set components:

- Ureteral stent
- Pusher system with inner catheter
- Guide wire with movable core

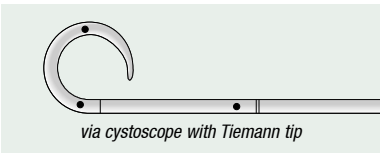


assembled

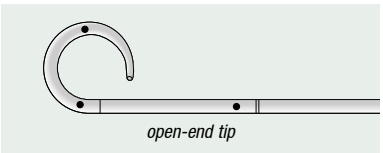
VARIETY OF TIPS



via cystoscope



via cystoscope with Tiemann tip



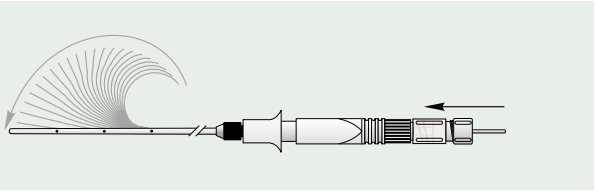
open-end tip

GREY STENT STEERABLE URETERAL STENTS

UROPATH

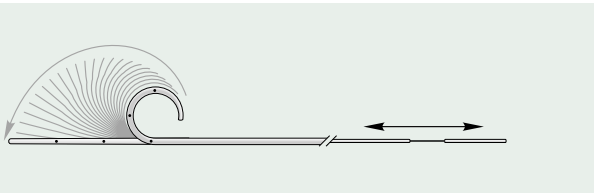
PREASSEMBLED, STEERABLE URETERAL STENT

1. The guide wire is carefully pushed forward to completely straighten the ureteral stent. With the help of the Tuohy-Borst adapter the guide wire can be fixed.



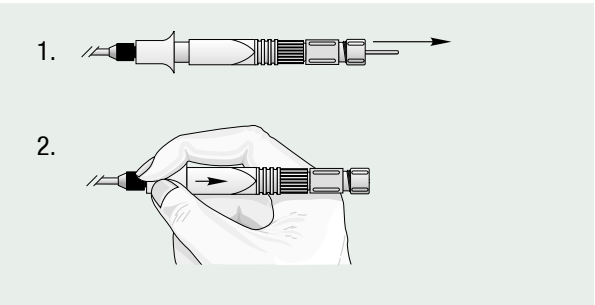
2. The stent is cystoscopically inserted into the ureter.

3. The configuration of the ureteral stent´s distal tip can be manipulated by retracting the movable core of the guide wire. The new coupling device allows the rotation of the stent at a 1:1 ratio. If necessary, the stent can be withdrawn.



4. The pusher is disconnected from the stent after correct placement as follows:

   1. Remove the guide wire after opening the Tuohy-Borst adapter
   2. Pull back the funnel-shaped part of the handgrip
   3. Remove the pusher system after releasing the coupling



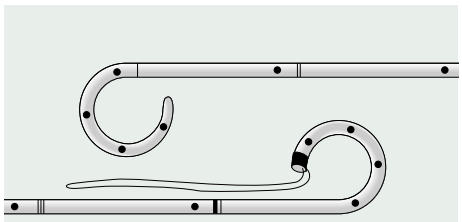
Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope	via cystoscope with Tiemann tip	open-end tip
Uropath		20	24	**86700020**	**86800020**	**86750020**
preassemled, steerable		22	26	**86700030**	**86800030**	**86750030**
ureteral stent	6	24	28	**86700040**	**86800040**	**86750040**
		26	30	**86700050**	**86800050**	**86750050**
		28	32	**86700060**	**86800060**	**86750060**
		20	24	**86710020**	**86810020**	**86760020**
		22	26	**86710030**	**86810030**	**86760030**
	7	24	28	**86710040**	**86810040**	**86760040**
		26	30	**86710050**	**86810050**	**86760050**
		28	32	**86710060**	**86810060**	**86760060**
		20	24	**86720020**	**86520020**	**86770020**
		22	26	**86720030**	**86520030**	**86770030**
	8	24	28	**86720040**	**86520040**	**86770040**
		26	30	**86720050**	**86520050**	**86770050**
		28	32	**86720060**	**86520060**	**86770060**

Minimum order quantity: 10 units

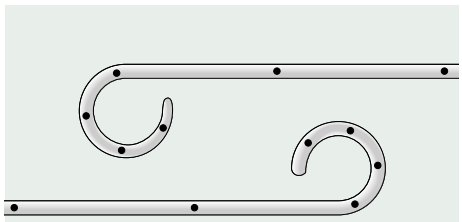


SPECIAL STENTS - GENERAL INFORMATION

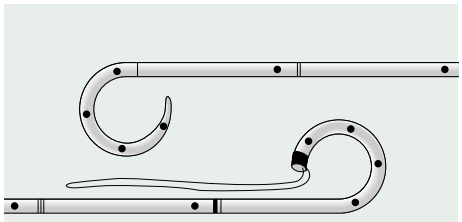
BARD® / angiomed® have developed a range of special stents in order to enhance our comprehensive ureteral stent selection. These special stents have been brought to market to give the user even more options regarding features and materials to choose from. At the same time a high patient comfort as well as a low encrustation tendency are ensured.



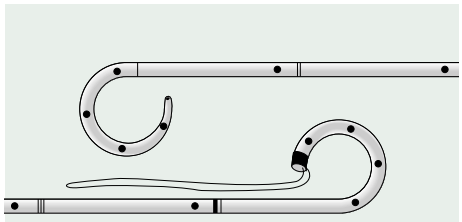
via cystoscope



intra-operative



via cystoscope with Tiemann tip



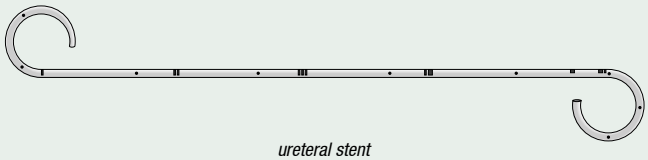
open-end tip

COMFORT KOMBISTENT

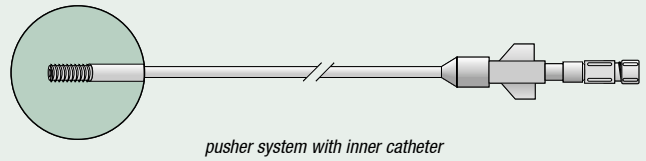
PREASSEMBLED, STEERABLE URETERAL STENT ACC. TO SACHSE

COMFORT KOMBISTENT PREASSSEMLED, STEERABLE URETERAL STENT

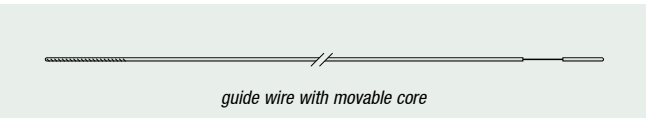
- Simple and safe operation as
  - preassembly allows withdrawing and a 1:1 torque ratio of the stent system
  - the guide wire with movable core facilitates the manipulation of the tip of the stent and the passage through tortuous anatomy.
- Soft-polyurethane
- Low encrustation tendency
- Patient comfort



ureteral stent



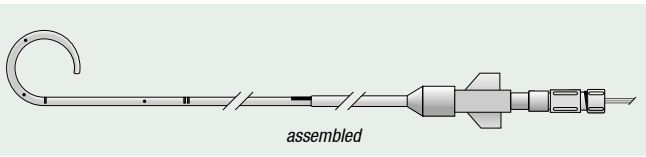
pusher system with inner catheter



guide wire with movable core

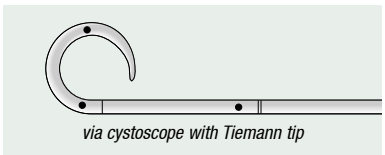
Set components:

- Ureteral stent
- Pusher system with inner catheter
- Guide wire with movable core

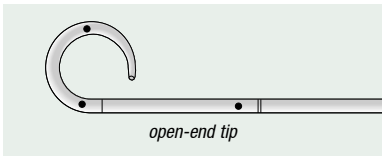


assembled

VARIETY OF TIPS



via cystoscope with Tiemann tip

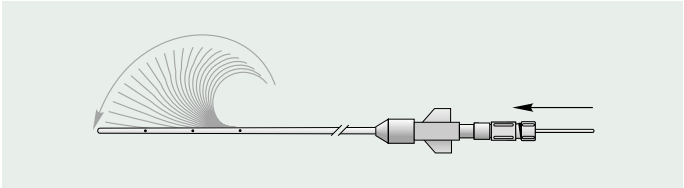


open-end tip

COMFORT KOMBISTENT

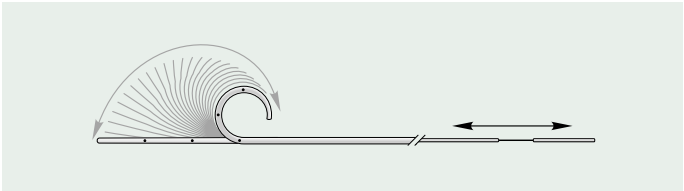
PREASSEMBLED, STEERABLE URETERAL STENT ACC. TO SACHSE

1. The guide wire is carefully pushed forward to completely straighten the ureteral stent, and can be fixed with the Tuohy-Borst adapter.



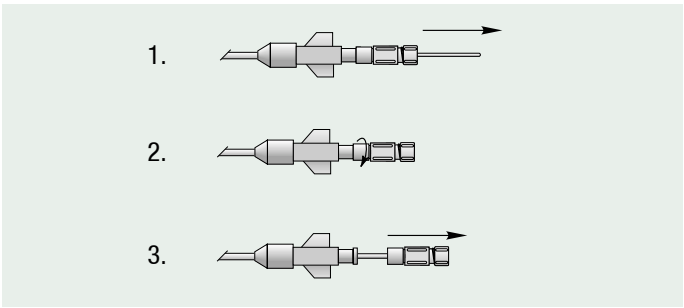
2. The stent is inserted cystoscopically into the ureter.

3. The shape of the ureteral stent´s distal tip can be manipulated by retracting the movable core of the guide wire. The new coupling device allows rotations of the stent at a 1:1 ratio. If necessary, the stent can be withdrawn.



4. The pusher is disconnected from the stent after correct placement as follows:

   1. Remove the guide wire after opening the Tuohy-Borst adapter
   2. Hold the winged adapter and turn the screw cap to the left
   3. Remove the inner catheter from the pusher system
   4. Remove the pusher



Type	Ø [F]	Shaft length [cm]	Total length [cm]	via cystoscope with Tiemann tip	open-end tip
Comfort Kombistent		20	24	**56350020**	**–**
preassembled, steerable		22	26	**56350030**	**–**
ureteral stent	6	24	28	**56350040**	**–**
		26	30	**56350050**	**–**
		28	32	**56350060**	**–**
		20	24	**56360020**	**56381020**
		22	26	**56360030**	**56381030**
	7	24	28	**56360040**	**56381040**
		26	30	**56360050**	**56381050**
		28	32	**56360060**	**56381060**
		20	24	**56370020**	**56382020**
		22	26	**56370030**	**56382030**
	8	24	28	**56370040**	**56382040**
		26	30	**56370050**	**56382050**
		28	32	**56370060**	**56382060**

Minimum order quantity: 10 units

SOFT-STENT THREE IN ONE / FIRM-STENT THREE IN ONE URETERAL STENT PROBING AND PLACEMENT SET

SOFT-STENT THREE IN ONE / FIRM-STENT THREE IN ONE URETERAL STENT PROBING AND PLACEMENT SET

Set components:

- Guide wire, ***PTFE****[1]-coated, straight
- Pusher
- Ureteral stent
- Ureteral injection catheter
- Clamp

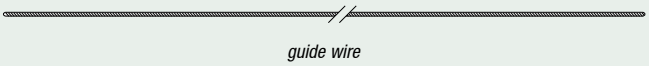
This set is available in a soft and a more firm version. The Soft-Stent is made of a tried and proven material based on a soft-polyurethane compound. It is soft and flexible and offers a high patient comfort. The Firm-Stent is made of soft-polyurethane. It has large drainage holes and a large lumen that enhances drainage.

Multilength stents allow the physician an easier selection as they can be adjusted individually. Thus storage cost can be reduced and ordering procedures will be more efficient.

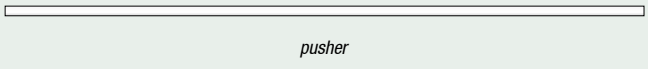
The **THREE IN ONE** packaging box contains three separate pouches with the following components:

– Pouch 1: ureteral stent and pusher
– Pouch 2: ureteral injection catheter
– Pouch 3: guide wire

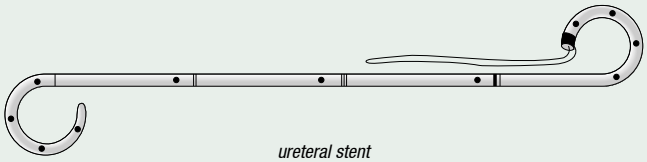
The advantage of the individually packed products is that the physician can leave products, for example the guide wire, sterile if another type of guide wire is used for the procedure. This leads to a cost reduction and an additional saving potential for hospitals, as the guide wire can be used for another patient or treatment.



guide wire



pusher



ureteral stent

ureteral injection catheter



clamp

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

SOFT-STENT THREE IN ONE / FIRM-STENT THREE IN ONE URETERAL STENT PROBING AND PLACEMENT SET

Components of 4.7 F sets:

- Ureteral injection catheter

  F-size: 5 F
  Length: 69 cm
  Configuration: straight, open-end tip
  Sidehole: none
  Stylet: none
  Material: polyamide

- Guide wire

  Ø: .035i
  Configuration: ***PTFE****[1]-coated, straight
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: green

Components of 6 F and 7 F sets:

- Ureteral injection catheter

  F-size: 6 F
  Length: 69 cm
  Configuration: straight, open-end tip
  Sidehole: none
  Stylet: none
  Material: polyurethane

- Guide wire

  Ø: .038i
  Configuration: ***PTFE****[1]-coated, straight
  Length: 150 cm

- Pusher

  Length: 41 cm
  Color: transparent

Type	Ureteral stent- Ø [F]	Shaft length [cm]	Total length [cm]	open-end tip
Soft-Stent	4.7	20-28	24-32	**58531020**
Three in one	6	20-28	24-32	**58533120**
Ureteral stent probing and placement set	7	20-28	24-32	**58533220**
Firm-Stent		22	26	**56960130**
Three in one	6	24	28	**56960140**
Ureteral stent probing		20-28	24-32	**56833120**
and placement set	7	20-28	24-32	**56833220**

Accessories	
Syringe adapter	**63760010**

Minimum order quantity: sets 1 unit, accessories 10 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

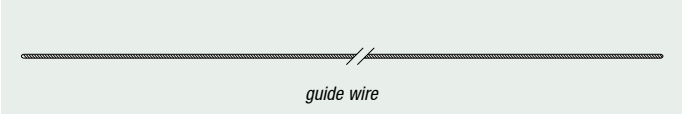
BARD

URETERAL SPLINTING SET

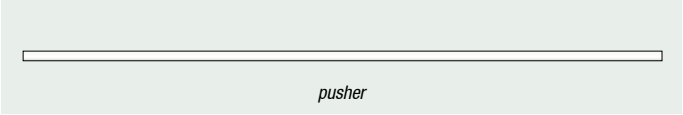
URETERAL SPLINTING SET

Set components:

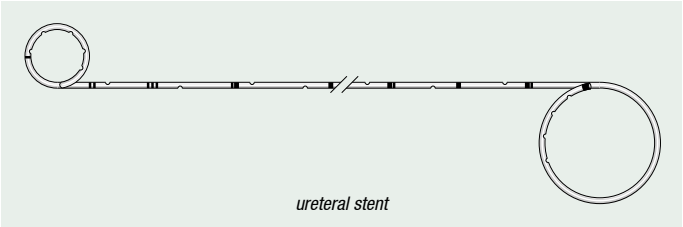
- Guide wire
- Pusher
- Ureteral stent
- Clamp



guide wire

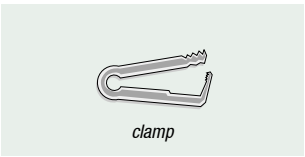


pusher



ureteral stent

- **Highly flexible transparent polyurethane with radiopaque markers**
- **Material offers high patient comfort**
- **Low encrustation tendency**
- **Increased radiopacity of the renal pigtail tip**



clamp

Type	Ø [F]	Shaft length [cm]	Total length [cm]	**Order-No.**
Ureteral splinting set	6	22	26	**60250040**
		24	28	**60250050**
		26	30	**60250060**
	7	22	26	**60251040**
		24	28	**60251050**
		26	30	**60251060**
	8	24	28	**60252050**

Minimum order quantity: 10 units

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99570091 (12/2001-U-sc)

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

angiomed

BARD

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Ureteral Catheters

angiomed

BARD



CONTENTS

SELEC-TIP® URETERAL CATHETERS

Cylindrical, distal end open 4
Cylindrical, curved, distal end closed / distal end open 5
Olive tip, curved, distal end closed / distal end open 6

URETERAL CATHETERS

Cylindrical 8
Cylindrical, curved 9
Olive tip 10
Olive tip, curved 11
Woodruff-Pflaumer 12
Chevassu 13

URETERAL CATHETER ACCESSORIES

Universal coaxial sheath acc. to Woerdehoff / Froehlich 14
Universal sheath acc. to Woerdehoff / Froehlich 15
Extension and injection set 16
Extension stylet 17
Ureteral catheter adapter 18
Zeiss sling catheter 19



SELEC-TIP® URETERAL CATHETERS

Selec-Tip®, a modern ureteral catheter, opens new possibilities for urological diagnosis. BARD® / angiomed® Selec-Tip®, the first ureteral catheter with a flexible steerable tip, offers easier manoeuvrability.

The Selec-Tip® products have impressive trackability characteristics. Even the most difficult constricted areas can be passed.

The Selec-Tip® material is a PVC free synthetic material with shape memory properties. Acclaimed for its diagnostic capabilities, this will be the material of choice in the future.

Selec-Tip® offers the following advantages to the urologist:

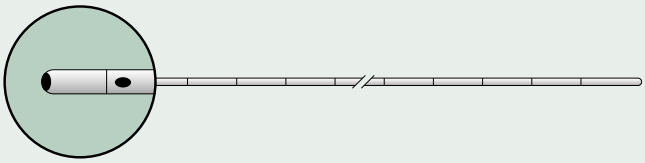
- **Flexible steerable tip for easy manipulation inside the ureter**
- **Excellent torquability**
- **Easy ostium-passage through special surface steerability**
- **Kink-resistant, atraumatic tip**
- **Good visibility under fluoroscopy**

SELEC-TIP® CYLINDRICAL

DISTAL END OPEN

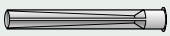
SELEC-TIP® URETERAL CATHETER CYLINDRICAL

- Distal end open
- 1 sidehole or no sideholes
- Graduated
- 69 cm long with stylet and syringe adapter
- 3 F set includes guide wire .021i, 150 cm long
- 4-7 F ureteral catheters accept a .035i guide wire
- Radiopaque



ureteral catheter

stylet



syringe adapter

Type	Diameter [F]	Sideholes	**Order-No.**
Selec-Tip® ureteral catheter		0	**62450000**
cylindrical,	3*	1	**62450010**
distal end open		0	**62450100**
	4	1	**62450110**
		0	**62450200**
	5	1	**62450210**
		0	**62450300**
	6	1	**62450310**
		0	**62450400**
	7	1	**62450410**

*3 F set includes guide wire .021i, 150 cm long

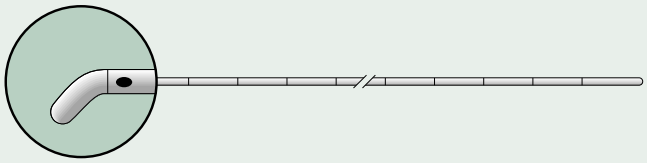
Minimum order quantity: 20 units (3 F set: 10 units)

SELEC-TIP® CYLINDRICAL CURVED

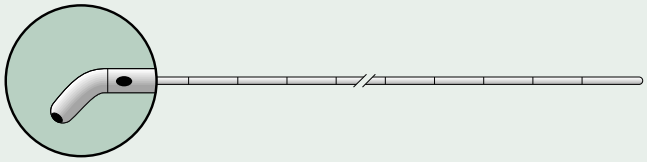
DISTAL END CLOSED / DISTAL END OPEN

SELEC-TIP® URETERAL CATHETER CYLINDRICAL CURVED

- Distal end closed or open
- 1 or 2 sideholes (distal end closed)
  1 sidehole or no sideholes (distal end open)
- Graduated
- 69 cm long with stylet and syringe adapter
- 3 F set includes guide wire .021i, 150 cm long
- Distal end open ureteral catheters from 4-7 F accept a .035i guide wire
- Radiopaque



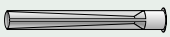
ureteral catheter, distal end closed



ureteral catheter, distal end open



stylet



syringe adapter

Type	Diameter [F]	Sideholes / distal end closed	**Order-No.**	Sideholes / distal end open	**Order-No.**
Selec-Tip® ureteral catheter		1	**62420010**	0	**62430000**
cylindrical, curved	3*	2	**62420020**	1	**62430010**
		1	**62420110**	0	**62430100**
	4	2	**62420120**	1	**62430110**
		1	**62420210**	0	**62430200**
	5	2	**62420220**	1	**62430210**
		1	**62420310**	0	**62430300**
	6	2	**62420320**	1	**62430310**
		–	–	0	**62430400**
	7	–	–	1	**62430410**

*3 F set distal end open includes guide wire .021i, 150 cm long

Minimum order quantity: 20 units (3 F set distal end open: 10 units)

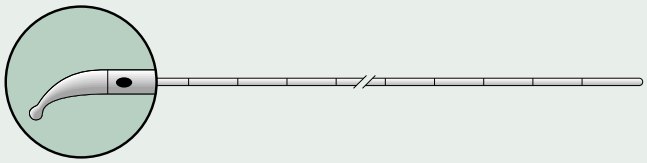
SELEC-TIP® OLIVE TIP

DISTAL END CLOSED / DISTAL END OPEN

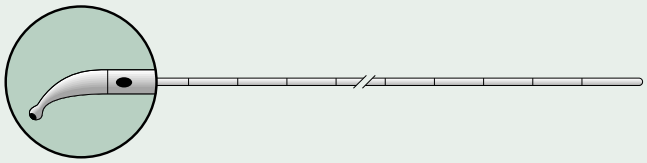
SELEC-TIP® URETERAL CATHETER OLIVE TIP

- Distal end closed or open, slightly tapered tip
- 1 or 2 sideholes (distal end closed)

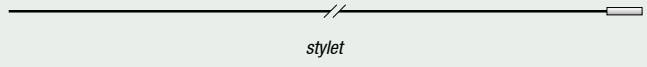
  1 sidehole or no sideholes (distal end open)
- Graduated
- 69 cm long with stylet and syringe adapter
- 3 F set includes guide wire .021i, 150 cm long
- Distal end open ureteral catheters from 4-7 F accept a .035i guide wire
- Radiopaque



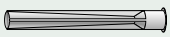
ureteral catheter, distal end closed



ureteral catheter, distal end open



stylet



syringe adapter

Type	Diameter [F]	Sideholes / distal end closed	**Order-No.**	Sideholes / distal end open	**Order-No.**
Selec-Tip® ureteral catheter		1	**62400010**	0	**62410000**
olive tip, curved	3*	2	**62400020**	1	**62410010**
		1	**62400110**	0	**62410100**
	4	2	**62400120**	1	**62410110**
		1	**62400210**	0	**62410200**
	5	2	**62400220**	1	**62410210**
		1	**62400310**	0	**62410300**
	6	–	**–**	1	**62410310**
		–	**–**	0	**62410400**
	7	–	**–**	1	**62410410**

*3 F set distal end open includes guide wire .021i, 150 cm long

Minimum order quantity: 20 units (3 F set distal end open: 10 units)

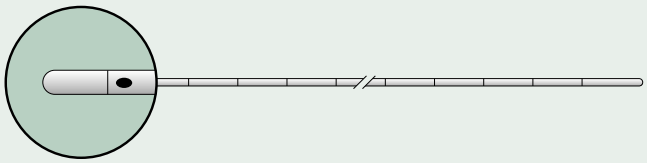


URETERAL CATHETERS

These standard ureteral catheters are developed on the basis of polyvinylchloride (PVC), a material of well-tried medical quality.

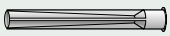
URETERAL CATHETER CYLINDRICAL

- Distal end closed
- 1, 2 or 6 sideholes
- Graduated
- 70 cm long with stylet and syringe adapter
- Radiopaque



ureteral catheter

stylet



syringe adapter

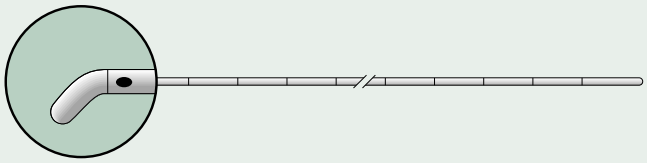
Type	Diameter [F]	Sideholes	Order-No.
Ureteral catheter		1	**62500010**
cylindrical	3	2	**62500020**
		6	**62500030**
		1	**62510010**
	4	2	**62510020**
		6	**62510030**
		1	**62520010**
	5	2	**62520020**
		6	**62520030**
		1	**62530010**
	6	2	**62530020**
		6	**62530030**
		1	**62540010**
	7	2	**62540020**
		6	**62540030**
		1	**62550010**
	8	2	**62550020**
		6	**62550030**

Minimum order quantity: 20 units

URETERAL CATHETER CYLINDRICAL CURVED

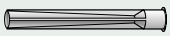
URETERAL CATHETER CYLINDRICAL CURVED

- Distal end closed and curved
- 1, 2 or 6 sideholes
- Graduated
- 70 cm long with stylet and syringe adapter
- Radiopaque



ureteral catheter

stylet



syringe adapter

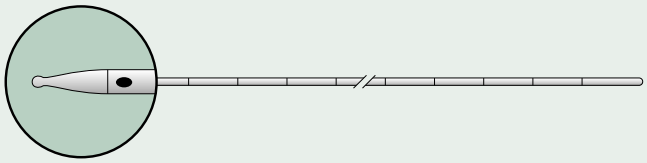
Type	Diameter [F]	Sideholes	**Order-No.**
Ureteral catheter		1	**62700010**
cylindrical curved	3	2	**62700020**
		6	**62700030**
		1	**62710010**
	4	2	**62710020**
		6	**62710030**
		1	**62720010**
	5	2	**62720020**
		6	**62720030**
		1	**62730010**
	6	2	**62730020**
	7	2	**62740020**
		1	**62750010**
	8	2	**62750020**

Minimum order quantity: 20 units

URETERAL CATHETER OLIVE TIP

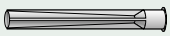
URETERAL CATHETER OLIVE TIP

- Distal end closed, slightly tapered olive tip
- 1, 2 or 6 sideholes
- Graduated
- 70 cm long with stylet and syringe adapter
- Radiopaque



ureteral catheter

stylet



syringe adapter

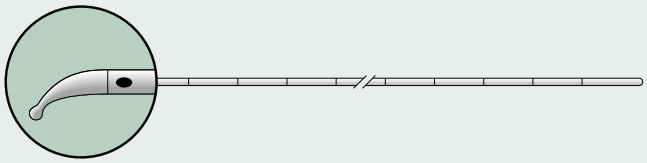
Type	Diameter [F]	Sideholes	Order-No.
Ureteral catheter		1	**62910010**
olive tip	4	2	**62910020**
		6	**62910030**
		1	**62920010**
	5	2	**62920020**
		6	**62920030**
		1	**62930010**
	6	2	**62930020**
		6	**62930030**
		1	**62940010**
	7	2	**62940020**
		1	**62950010**
	8	2	**62950020**

Minimum order quantity: 20 units

URETERAL CATHETER OLIVE TIP CURVED

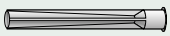
URETERAL CATHETER OLIVE TIP CURVED

- Distal end closed and curved, slightly tapered olive tip
- 1, 2 or 6 sideholes
- Graduated
- 70 cm long with stylet and syringe adapter
- Radiopaque



ureteral catheter

stylet



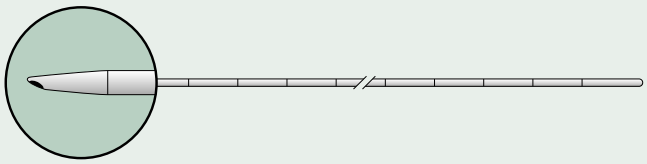
syringe adapter

Type	Diameter [F]	Sideholes	**Order-No.**
Ureteral catheter		1	**63100010**
olive tip curved	3	2	**63100020**
		1	**63110010**
	4	2	**63110020**
		1	**63120010**
	5	2	**63120020**
		6	**63120030**
		1	**63130010**
	6	2	**63130020**
		6	**63130030**
		1	**63140010**
	7	2	**63140020**
	8	2	**63150020**

Minimum order quantity: 20 units

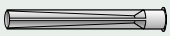
URETERAL CATHETER WOODRUFF-PFLAUMER

- Distal end open, tapered tip
- Graduated
- 70 cm long with stylet and syringe adapter
- Radiopaque



ureteral catheter

stylet



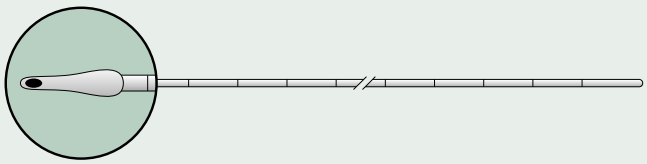
syringe adapter

Type	Diameter [F]	**Order-No.**
Ureteral catheter	4	**63310010**
Woodruff-Pflaumer	5	**63320010**
	6	**63330010**
	7	**63340010**
	8	**63350010**

Minimum order quantity: 20 units

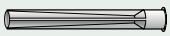
URETERAL CATHETER CHEVASSU

- Distal end open, Chevassu tip
- Graduated
- 70 cm long with stylet and syringe adapter
- Radiopaque



ureteral catheter

stylet



syringe adapter

Type	Diameter [F]	Shaft- Ø [F]	Knob- Ø [F]	**Order-No.**
Ureteral catheter	6	4	6	**63500010**
Chevassu	7	5	7	**63510010**
	8	6	8	**63520010**

Minimum order quantity: 20 units

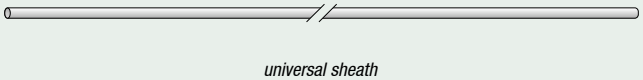
UNIVERSAL COAXIAL SHEATH

ACC. TO WOERDEHOFF / FROEHLICH

UNIVERSAL COAXIAL SHEATH

For the following applications:

- Ureteral catheter exchange
- Introduction of ureteral stents
- Contrast-media injection with "Woodruff-Effect"
- Wash cytology
- Brush cytology
- Passage for biopsy forceps
- Stone removal with baskets
- Use of ultrasound and laser probes
- Dilatation of ureteral strictures
- Exchange of ureteral catheters for loop catheters
- Ureteronephroscopy with small-caliber instruments (7.0 F fibrescope)



universal sheath



coaxial sheath

Type	Description	Order-No.
Universal coaxial sheath	Ureteral catheter sheath: **Ø 8 F**, 80 cm long, inner-Ø 5 F Coaxial sheath: Ø 10 F, 65 cm long, inner-Ø 8 F Allows the introduction of 8 F ureteral stents, large-caliber ureteral catheters and slings	**63800010**
Universal coaxial sheath	Ureteral catheter sheath: **Ø 9 F**, 80 cm long, inner-Ø 6 F Coaxial sheath: Ø 10.5 F, 65 cm long, inner-Ø 9 F Allows the introduction of 9 F ureteral stents, large-caliber ureteral catheters and slings	**63800020**

Minimum order quantity: 10 units

UNIVERSAL SHEATH

ACC. TO WOERDEHOFF / FROEHLICH

UNIVERSAL SHEATH

For the following applications:

- Ureteral catheter exchange
- Introduction and exchange of guide wires
- Contrast-media injection with "Woodruff-Effect"
- Wash cytology
- Brush cytology
- Passage for biopsy forceps
- Stone removal with baskets
- Use of ultrasound and laser probes
- Dilatation of ureteral strictures
- Exchange of ureteral catheters for loop catheters
- General probing and manipulation of catheters



universal sheath

Type	Diameter [F]	Length [cm]	Description	**Order-No.**
Universal sheath	8	80	ureteral catheter exchange up to 5 F	**63810010**
	9	80	ureteral catheter exchange up to 6 F	**63810020**

Minimum order quantity: 10 units

EXTENSION AND INJECTION SET

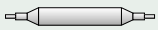
For ureteral catheters and Selec-Tip® ureteral catheters.

EXTENSION AND INJECTION SET

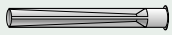
For the following applications:

- Introduction of uretero-renoscopes
- Introduction of a sheath
- Introduction of dilatation sets
- As a safety precaution for shorter ureteral catheters
- General manipulation

extension catheter



extension piece



syringe adapter

Type	for ureteral catheter-Ø [F]	**Order-No.** for ureteral catheters	**Order-No.** for Selec-Tip® ureteral catheters
Ureteral catheter extension	4	**63910010**	**–**
and injection set	5	**63910020**	**62480020**

Minimum order quantity: 10 units

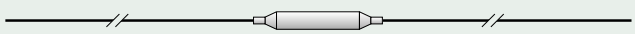
EXTENSION STYLET

For ureteral catheters and Selec-Tip® ureteral catheters.

EXTENSION STYLET

For the following applications:

- Introduction of uretero-renoscopes
- Introduction of a sheath
- Introduction of dilatation sets
- As a safety precaution for shorter ureteral catheters
- General manipulation



extension stylet

Type	for ureteral catheter-Ø [F]	**Order-No.** for ureteral catheters	**Order-No.** for Selec-Tip® ureteral catheters
Ureteral catheter extension stylet	4	**63900010**	**62470010**
	5	**63900020**	**62470020**
	6	**63900030**	**–**

Minimum order quantity: 10 units

URETERAL CATHETER ADAPTER

URETERAL CATHETER SYRINGE ADAPTER



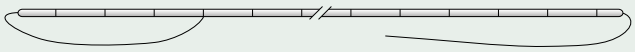
ureteral catheter syringe adapter

Type	Order-No.
Ureteral catheter syringe adapter	**63760010**

Minimum order quantity: 10 units

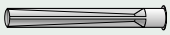
ZEISS SLING CATHETER

- Radiopaque
- Graduated
- 70 cm long with stylet and syringe adapter



single sling

stylet



syringe adapter

Type	Diameter [F]	Sling length [cm]	**Order-No.**
Zeiss sling catheter		3	**62110030**
single sling		4	**62110040**
	4	5	**62110050**
		3	**62120030**
		4	**62120040**
	5	5	**62120050**
		6	**62120060**
		7	**62120070**

Minimum order quantity: 10 units

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99570981 (12/2001-U-sc)

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

angiomed

BARD

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Stone Baskets

angiomed

BARD



CONTENTS

HIGHFLEX BASKET 2

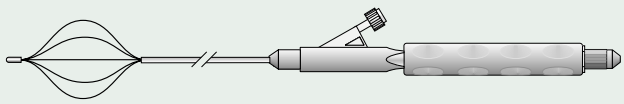
ECOFLEX BASKET 4

HIGHFLEX BASKET

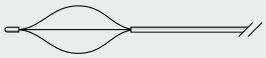
Bard® / angiomed® HIGHFLEX baskets are the product of choice for the effective passage of ureteral kinks and stone occlusions. They combine the proven and superior Nitinol technology with an ergonomic, high quality handgrip design.

Bard® / angiomed® HIGHFLEX baskets come in a wide range of designs and sizes. Therefore they represent the ideal choice for applications in urology, radiology and gastro-enterology.

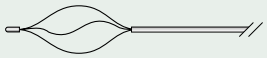
- Ergonomic, detachable handgrip for precision control
- Handgrip with injection adapter
- Nitinol material offers:
  – kink-resistance, not only at the shaft but throughout the whole basket construction
  – full 1:1 torque ratio
- Less traumatizing due to highly flexible properties



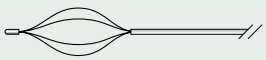
HIGHFLEX basket



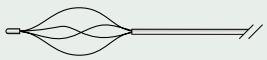
3-wire parallel



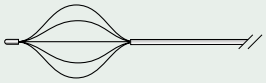
3-wire helical



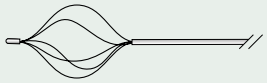
4-wire parallel



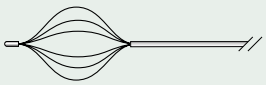
4-wire helical



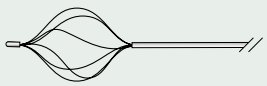
5-wire parallel



5-wire helical



6-wire parallel



6-wire helical

Type	Ø	Basket	Basket-Ø	Basket-Length	**Order-No.**	**Order-No.**
	[F]	Wire	[mm]	[mm]	Basket parallel	Basket helical
HIGHFLEX basket			10	20	**42270010**	**42240010**
Usable catheter length		3	15	25	**42270020**	**42240020**
65 cm	2.5		10	20	**42271010**	**42241010**
		4	15	25	**42271020**	**42241020**
		4	20	30	**42281030**	**42251030**
	4	5	20	30	**42282030**	**42252030**
		4	20	30	**42291030**	**42261030**
	4.6	6	20	30	**42293030**	**42263030**
HIGHFLEX basket			10	20	**42270060**	**42240060**
Usable catheter length		3	15	25	**42270070**	**42240070**
90 cm	2.5		10	20	**42271060**	**42241060**
		4	15	25	**42271070**	**42241070**
	4	4	20	30	**42281080**	**42251080**
			10	20	**42281880**	**–**
		5	20	30	**42282080**	**42252080**
		4	20	30	**42291080**	**42261080**
	4.6	6	20	30	**42293080**	**42263080**
HIGHFLEX basket			10	20	**42270110**	**42240110**
Usable catheter length		3	15	25	**42270120**	**42240120**
120 cm	2.5		10	20	**42271110**	**42241110**
		4	15	25	**42271120**	**42241120**
		4	20	30	**42281130**	**42251130**
	4	5	20	30	**42282130**	**42252130**
		4	20	30	**42291130**	**42261130**
	4.6	6	20	30	**42293130**	**42263130**

Minimum order quantity: 1 unit

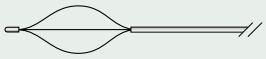
ECOFLEX BASKET

Bard® / angiomed® ECOFLEX baskets combine the proven and superior Nitinol technology with a new, ergonomic handgrip design.

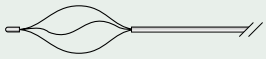
- Nitinol material offers:
  – kink-resistance, not only at the shaft but throughout the whole basket construction
  – full 1:1 torque ratio
- The ergonomic handgrip for precision single handed control
- Less traumatizing due to highly flexible properties
- Wide range of sizes and lengths



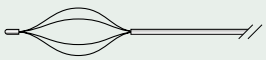
ECOFLEX basket



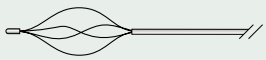
3-wire parallel



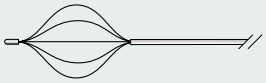
3-wire helical



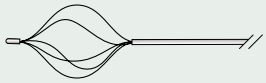
4-wire parallel



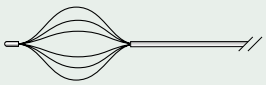
4-wire helical



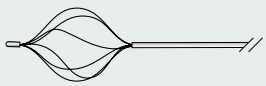
5-wire parallel



5-wire helical



6-wire parallel



6-wire helical

ECOFLEX BASKETS

Type	Ø	Basket	Basket-Ø	Basket-Length	**Order-No.**	**Order-No.**
	[F]	Wire	[mm]	[mm]	Basket parallel	Basket helical
ECOFLEX basket			10	20	**42275010**	**42245010**
Usable catheter length	2.5	4	15	25	**42275020**	**42245020**
65 cm		4	20	30	**42280530**	**42250530**
	4	5	20	30	**–**	**42255030**
	4.6	4	20	30	**42290530**	**–**
ECOFLEX basket			10	20	**42270560**	**42240560**
Usable catheter length		3	15	25	**42270570**	**42240570**
90 cm	2.5		10	20	**42275060**	**42245060**
		4	15	25	**42275070**	**42245070**
		4	20	30	**42280580**	**42250580**
	4	5	20	30	**42285080**	**42255080**
	4.6	4	20	30	**42290580**	**42260580**
ECOFLEX basket		3	10	20	**–**	**42240610**
Usable catheter length	2.5	4	10	20	**42276110**	**42246110**
120 cm						

Minimum order quantity: 1 unit

NOTES

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

angiomed

BARD

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Urological Accessories

angiomed

BARD



CONTENTS

DILATATION

Renal dilatation set 4
Dilator 5
Ureteral dilatation and manipulation set - FD (acc. to Eickenberg) 6
Ureteral dilatation and manipulation set - URS (acc. to Eickenberg) 7
Ureteral dilatation set (acc. to Eickenberg) 8
Step ureteral dilatation set (acc. to Schueller) 9
Jenner ureteral dilatation and manipulation set 10

NEEDLES

Initial puncture needle 11
Initial puncture needle - MS 11
Initial puncture needle - Loretto 12
Initial puncture needle - Loretto - graduated 12
Initial puncture needle - Merheim 13
Initial puncture needle - Trokar 13
Chiba needle 14
Chiba needle - MS 15
Uni-Dwell needle set 16
Collagen injection needle (acc. to Froehlich) 17



CONTENTS

GUIDE WIRES

T-wire, ***PTFE**[*1]*-coated	18
TB-wire, ***PTFE**[*1]*-coated	20
TJ 1.5-wire, ***PTFE**[*1]*-coated	21
TJ 3.0-wire, ***PTFE**[*1]*-coated	22
TJ 6.0-wire, ***PTFE**[*1]*-coated	23
TJ-wire double ender 1.5, ***PTFE**[*1]*-coated	24
TJ-wire double ender 3.0, ***PTFE**[*1]*-coated	24
TBJ 3.0-wire, ***PTFE**[*1]*-coated	25
Special catheter exchange wire, straight & J 3.0	26
Special catheter exchange wire, ***PTFE**[*1]*-coated, straight & J 3.0	27
Litholapaxy wire, straight & J 1.5	28
Litholapaxy wire, ***PTFE**[*1]*-coated, straight & J 1.5	29
Schueller exchange wire, straight & J 3.0	30
Schueller exchange wire, ***PTFE**[*1]*-coated, straight & J 3.0	31
Schueller-Litholapaxy wire, straight & J 1.5	32
Schueller-Litholapaxy wire, ***PTFE**[*1]*-coated, straight & J 1.5	33
The Black Wire, Blue Wire, White Wire	34
Urological special wire	36

*[*1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*



CONTENTS

DISPOSABLE CONNECTING ADAPTERS 37

UNIVERSAL ADAPTERS 39

URETERAL CATHETER CONNECTORS 42

DRAINAGE CATHETER FIXATION

Harzmann disc 44

URINE BAG / URINE LEG BAG 45

RENAL DILATATION SET

ACC. TO AMPLATZ

RENAL DILATATION SET

Dilatation of percutaneous puncture routes,

e.g. percutaneous litholapaxy, lithotripsy or drainage.

Available in 2 different sets and as individual components.



dilator



FEP[*1] distance catheter 8 F*

renal dilators in 18, 20 and 22 F



renal dilators with sheath in 24, 26, 28 and 30 F

Type	Order-No.
Renal dilatation set including: dilators from 7 F to 16 F renal dilators from 18 F to 22 F renal dilators with sheath from 24 F to 30 F *FEP*[*1] distance catheter 8 F	**61150010**
Renal dilatation set including: renal dilators from 18 F to 22 F renal dilators with sheath from 24 F to 30 F *FEP*[*1] distance catheter 8 F	**61210010**
Dilators from 7 F to 16 F	**61180010**
***FEP*[*1] distance catheter 8 F**	**61280010**
Renal dilator 18 F	**61250180**
Renal dilator 20 F	**61250200**
Renal dilator 22 F	**61250220**
Renal dilator with *FEP*[*1] sheath 24 F	**61260240**
Renal dilator with *FEP*[*1] sheath 26 F	**61260260**
Renal dilator with *FEP*[*1] sheath 28 F	**61260280**
Renal dilator with *FEP*[*1] sheath 30 F	**61260300**

Minimum order quantity: 5 units

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*[*1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

DILATORS

Dilators are used for the dilatation of a percutaneous tract. Made from radiopaque polyethylene and fitted with a female Luer lock the dilators allow the injection of contrast media and other solutions with a standard Luer lock syringe.



dilator

Type	Ø [F]	adapted to guide wire [Inch]	**Order-No.**
Dilator	4	.025	**15000040**
	5	.035/.038	**15000050**
	6	.035/.038	**15000060**
	7	.035/.038	**15000070**
	8	.035/.038	**15000080**
	9	.035/.038	**15000090**
	10	.035/.038	**15000100**
	12	.035/.038	**15000120**
	14	.035/.038	**15000140**
	16	.035/.038	**15000160**

Minimum order quantity: 10 units

URETERAL DILATATION AND MANIPULATION SET - FD

ACC. TO EICKENBERG

URETERAL DILATATION AND MANIPULATION SET - FD

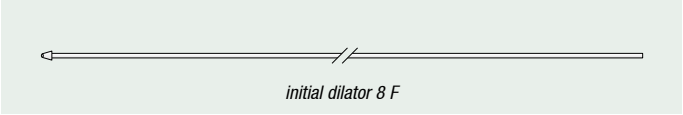
This is both a dilatation set and a manipulation set for the removal of ureteral stones using conventional instruments.

Set components:

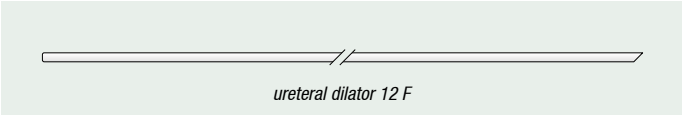
- Guide wire, ***PTFE****[1]-coated, straight, movable core, Ø .035i, 150 cm long
- Initial dilator 8 F, 80 cm long with “brake”
- Ureteral dilators 12 F and 16 F, 48 cm long
- ***FEP****[1] sheath



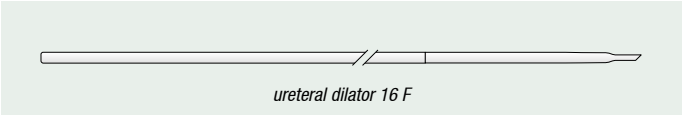
guide wire



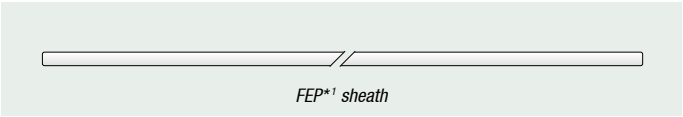
initial dilator 8 F



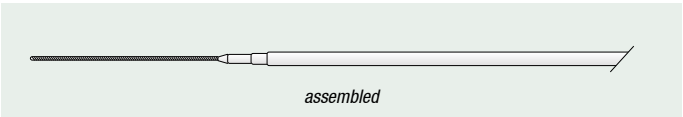
ureteral dilator 12 F



ureteral dilator 16 F



FEP[1] *sheath*



assembled

POSSIBLE TECHNIQUES

1. “Push and pull” technique

Push the stone forward by flushing and remove per-cutaneously or transurethrally through the sheath.

2. “Chimney effect”

Remove the stone retrograde using a stone trapping basket and the sheath.

3. Ureteroscopy

4. "Mini-sheath"

Bend the proximal end of the 16 F bougie at the breaking point, remove the end and the other bougies and use the section of the bougie in situ as a sheath for small-caliber instruments (max. 10 F).

Type	Order-No.
Ureteral dilatation and manipulation set - FD:	
with ***FEP****[1] sheath 18 F, 36 cm long, for small-sized uretero-renoscopes	**60900010**
with ***FEP****[1] sheath 18 F, 45 cm long, for small-sized uretero-renoscopes	**60900020**
with ***FEP****[1] sheath 19 F, 36 cm long, for large-sized uretero-renoscopes	**60910010**
with ***FEP****[1] sheath 19 F, 45 cm long, for large-sized uretero-renoscopes	**60910020**

Minimum order quantity: 5 units

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*[1] *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

URETERAL DILATATION AND MANIPULATION SET - URS

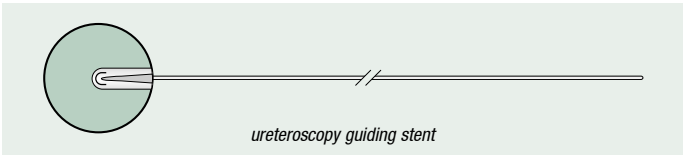
ACC. TO EICKENBERG

URETERAL DILATATION AND MANIPULATION SET - URS

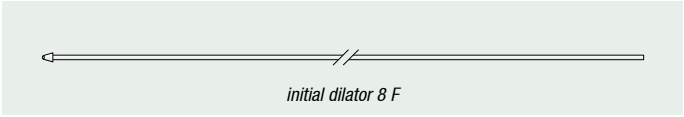
This is both a dilatation set and a manipulation set for the removal of ureteral stones using conventional instruments.

Set components:

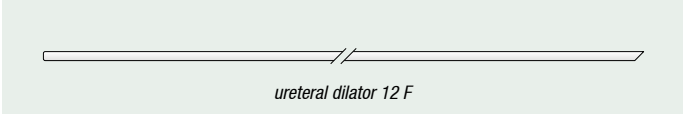
- Ureteroscopy guiding stent
- Initial dilator 8 F, 80 cm long with “brake”
- Ureteral dilator 12 F and 16 F, 48 cm long
- ***FEP****[1] sheath



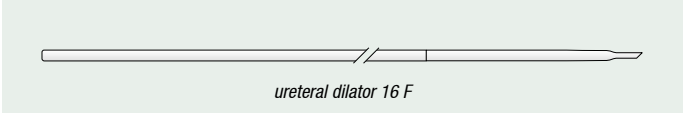
ureteroscopy guiding stent



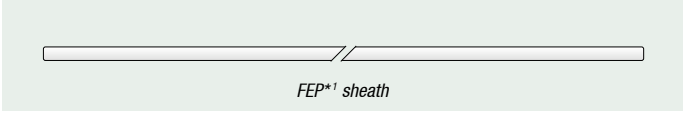
initial dilator 8 F



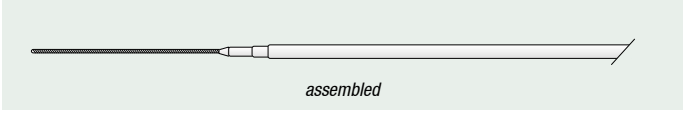
ureteral dilator 12 F



ureteral dilator 16 F



FEP[1] *sheath*



assembled

POSSIBLE TECHNIQUES

1. “Push and pull” technique

Push the stone forward by flushing and remove percutaneously or transurethrally through the sheath.

2. “Chimney effect”

Remove the stone retrograde using a stone trapping basket and the sheath.

3. Ureteroscopy

4. "Mini-sheath"

Bend the proximal end of the 16 F bougie at the breaking point, remove the end and the other bougies and use the section of the bougie in situ as a sheath for small-caliber instruments (max. 10 F).

Type	Order-No.
Ureteral dilatation and manipulation set - URS:	
with ***FEP****[1] sheath 18 F, 36 cm long, for small-sized uretero-renoscopes	**61000010**
with ***FEP****[1] sheath 18 F, 45 cm long, for small-sized uretero-renoscopes	**61000020**
with ***FEP****[1] sheath 19 F, 36 cm long, for large-sized uretero-renoscopes	**61010010**
with ***FEP****[1] sheath 19 F, 45 cm long, for large-sized uretero-renoscopes	**61010020**

Minimum order quantity: 5 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

URETERAL DILATATION SET

ACC. TO EICKENBERG

URETERAL DILATATION SET

Set components:

- Guide wire, stainless steel, movable core Ø .035i, 150 cm long
- Initial dilator, 90 cm long, short-tapered tip
- Initial dilator, 90 cm long, medium-tapered tip
- Initial dilator, 90 cm long, long-tapered tip
- Ureteral dilator, 45 cm long
- Syringe adapter



guide wire



initial dilator, short-tapered tip

initial dilator, medium-tapered tip

initial dilator, long-tapered tip



ureteral dilator



syringe adapter

Type	Order-No.
Ureteral dilatation set:	
with initial dilators in 6 F and ureteral dilator in 10 F	**61050010**
with initial dilators in 7 F and ureteral dilator in 12 F	**61050020**
with initial dilators in 8 F and ureteral dilator in 14 F	**61050030**
with initial dilators in 9 F and ureteral dilator in 16 F	**61050040**

Minimum order quantity: 5 units

STEP URETERAL DILATATION SET

ACC. TO SCHUELLER

STEP URETERAL DILATATION SET

A universal ureteral dilatation set allowing step dilatation in 2 F increments from 10 F to 18 F.

Set components:

- Guide wire, stainless steel, movable core, Ø .035i, 125 cm long
- Initial dilator 6 F, 90 cm long
- Ureteral dilator 10 F, 45 cm long
- Ureteral dilator 12 F, 45 cm long
- Ureteral dilator 14 F, 45 cm long
- Ureteral dilator 16 F, 45 cm long
- Ureteral dilator 18 F, 45 cm long
- Syringe adapter



guide wire



initial dilator 6 F

ureteral dilator 10 F

ureteral dilator 12 F

ureteral dilator 14 F

ureteral dilator 16 F



ureteral dilator 18 F



syringe adapter

Type	Order-No.
Step ureteral dilatation set	**61100010**

Minimum order quantity: 5 units

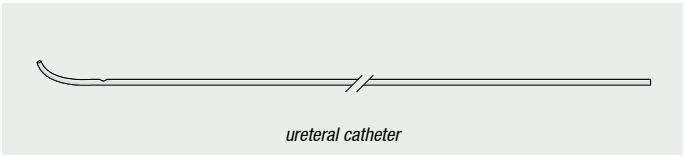
JENNER URETERAL DILATATION AND MANIPULATION SET

JENNER URETERAL DILATATION AND MANIPULATION SET

For ureteral stone passage and introduction of a ureteral stent or Zeiss sling in the presence of a hydronephrosis.

Set components:

- Ureteral catheter 4 F, 110 cm long
- Guide wire, ***PTFE****[1]-coated, fixed core, straight, Ø .025i, 125 cm long
- Distance catheter 8 F, 70 cm long
- Syringe adapter



ureteral catheter



guide wire



distance catheter



syringe adapter

Type	Order-No.
Jenner ureteral dilatation and manipulation set	**64850010**

Minimum order quantity: 5 units

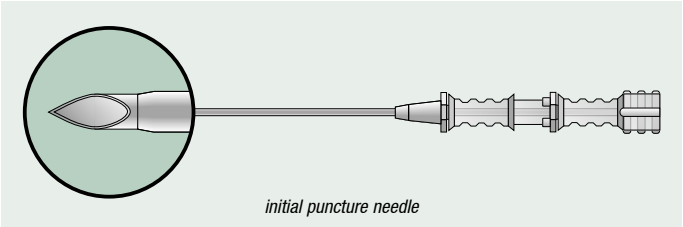
BARD

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

INITIAL PUNCTURE NEEDLE

INITIAL PUNCTURE NEEDLE

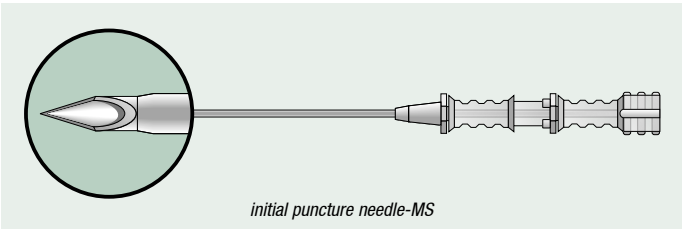
- For percutaneous nephrostomy and percutaneous punctures where a .035i guide wire is to be used.
- Outer cannula is round and blunt with a 2-part bevel-edged stylet.



initial puncture needle

INITIAL PUNCTURE NEEDLE - MS

- For percutaneous nephrostomy and percutaneous punctures where a .035i guide wire is to be used.
- High visibility under ultrasound guidance (double-reflex).
- Available as 2- and 3-part needle.
- The outer cannula is round and blunt. The stylet with MS-cut is hollow and is available with or without a rounded obturator for better echogenicity.



initial puncture needle-MS

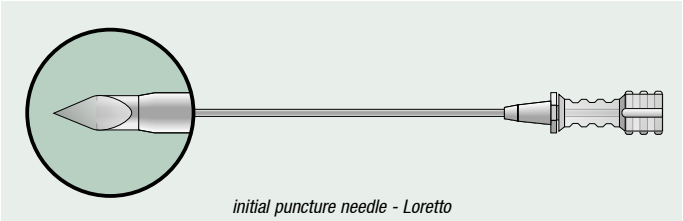
Type	Ø [mm / G]	Length [mm]	Version	**Order-No.**
Initial puncture needle		200	3-part	**16050080**
	1.3 / 17.5	280	3-part	**16050100**
Initial puncture needle - MS		200	2-part	**16020080**
	1.3 / 17.5	200	3-part	**16030080**

Minimum order quantity: 10 units

INITIAL PUNCTURE NEEDLE - LORETTO

INITIAL PUNCTURE NEEDLE - LORETTO

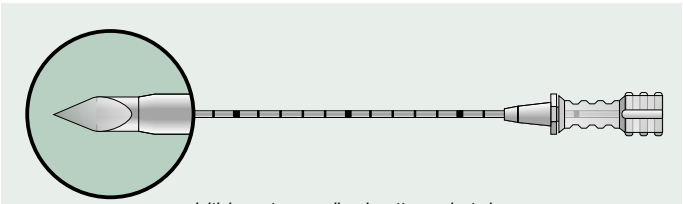
- For percutaneous nephrostomy and percutaneous punctures where a .035i guide wire is to be used.
- Rounded, blunt outer cannula and 1-part bevel-edged stylet.



initial puncture needle - Loretto

INITIAL PUNCTURE NEEDLE - LORETTO, GRADUATED

- For percutaneous nephrostomy and percutaneous punctures where a .035i guide wire is to be used.
- Rounded, blunt outer cannula with graduations which serve as depth markers.
- Bevel-edged inner cannula.



initial puncture needle - Loretto, graduated

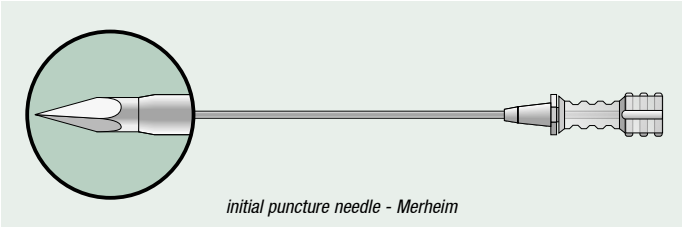
Type	Ø [mm / G]	Length [mm]	Version	Order-No.
Initial puncture needle - Loretto	1.3 / 17.5	200	2-part	**16000080**
Initial puncture needle - Loretto, graduated	1.3 / 17.5	200	2-part	**16001080**

Minimum order quantity: 10 units

INITIAL PUNCTURE NEEDLE - MERHEIM
INITIAL PUNCTURE NEEDLE - TROKAR

INITIAL PUNCTURE NEEDLE - MERHEIM

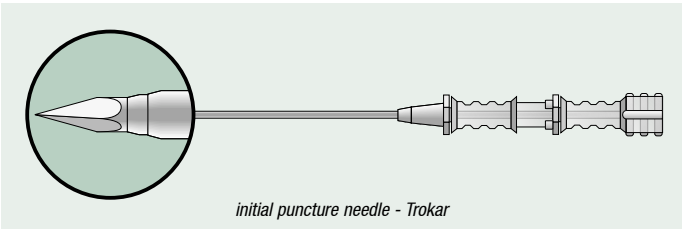
- For percutaneous nephrostomy and percutaneous punctures where a .035i guide wire is to be used.
- Rounded, blunt outer cannula with trocar stylet.



initial puncture needle - Merheim

INITIAL PUNCTURE NEEDLE - TROKAR

- For percutaneous nephrostomy and percutaneous punctures where a .035i guide wire is to be used.
- Rounded, blunt outer cannula with 2-part trocar stylet.



initial puncture needle - Trokar

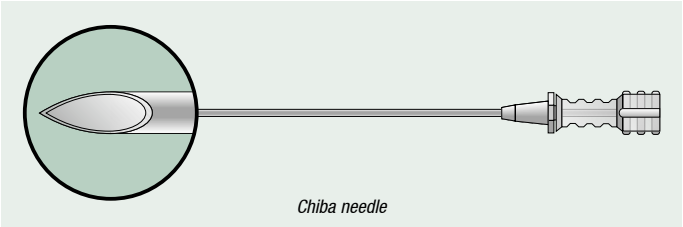
Type	Ø [mm / G]	Length [mm]	Version	**Order-No.**
Initial puncture needle - Merheim	1.3 / 17.5	200	2-part	**16040080**
Initial puncture needle - Trokar	1.3 / 17.5	150 200	3-part 3-part	**16010070** **16010080**

Minimum order quantity: 10 units

CHIBA NEEDLE

CHIBA NEEDLE

- For percutaneous cholangiography, cytological biopsy and routine percutaneous applications



Chiba needle

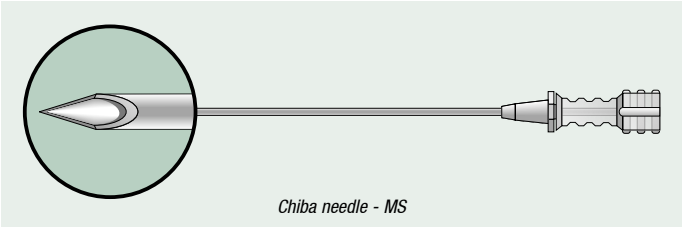
Type	Ø [mm / G]	Length [mm]	Version	Order-No.
Chiba needle	0.6 / 23	90	2-part	**16150040**
		120	2-part	**16150060**
		150	2-part	**16150070**
		220	2-part	**16150090**
	0.7 / 22	90	2-part	**16160040**
		120	2-part	**16160060**
		150	2-part	**16160070**
		220	2-part	**16160090**
		280	2-part	**16160100**
		400	2-part	**16160110**
	0.95 / 19.5	90	2-part	**16180040**
		120	2-part	**16180060**
		150	2-part	**16180070**
		220	2-part	**16180090**
		280	2-part	**16180100**
		400	2-part	**16180110**

Minimum order quantity: 10 units

CHIBA NEEDLE - MS

CHIBA NEEDLE - MS

- For percutaneous cholangiography, cytological biopsy and routine percutaneous applications.
- High visibility under ultrasound guidance (double-reflex).
- The outer cannula features a special MS-cut with a rounded obturator for better echogenicity.



Chiba needle - MS

Type	Ø [mm / G]	Length [mm]	Version	**Order-No.**
Chiba needle - MS	0.6 / 23	90	2-part	**16300040**
		120	2-part	**16300060**
		150	2-part	**16300070**
		220	2-part	**16300090**
		280	2-part	**16300100**
	0.7 / 22	90	2-part	**16310040**
		120	2-part	**16310060**
		150	2-part	**16310070**
		220	2-part	**16310090**
		280	2-part	**16310100**
		400	2-part	**16310110**
	0.95 / 19.5	90	2-part	**16330040**
		120	2-part	**16330060**
		150	2-part	**16330070**
		220	2-part	**16330090**
		280	2-part	**16330100**
		400	2-part	**16330110**

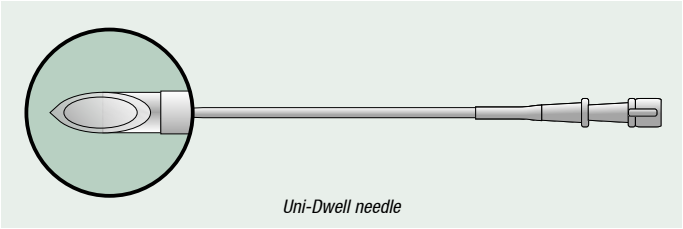
Minimum order quantity: 10 units

UNI-DWELL NEEDLE SET

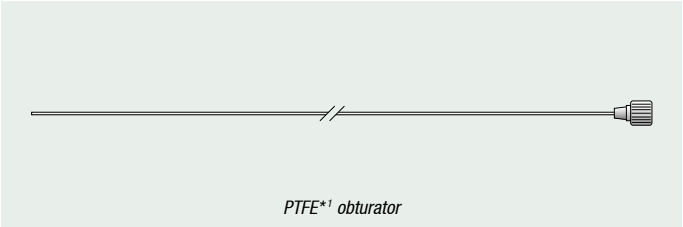
UNI-DWELL NEEDLE SET

Set components:

- 2-part puncture needle with an over-the-needle ***PTFE****[1] catheter
- ***PTFE****[1] obturator



Uni-Dwell needle



PTFE[1] obturator*

5 F Uni-Dwell needle sets accept .035i guide wires and 6 F Uni-Dwell needle sets .038i guide wires . They can be used for many different procedures such as:

- Interventional punctures:
  i.e. percutaneous nephrostomy, percutaneous biliary drainage, abscess and cyst drainage, pleura punctures
- Central venous studies
- Angiography
- Arteriography
- Myelography
- Anesthesiology
- Blood transfusion

Type	Catheter-Ø [F]	Needle-Ø [mm / G]	Needle length [mm]	**Order-No.**
Uni-Dwell needle set	5	1.0 / 19	135	**21100010**
			185	**21100020**
			235	**21100030**
	6	1.3 / 17.5	135	**21150010**
			185	**21150020**
			235	**21150030**

Minimum order quantity: 10 units

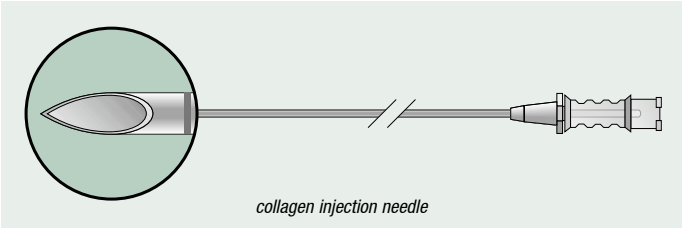
[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

COLLAGEN INJECTION NEEDLE

ACC. TO FROEHLICH

COLLAGEN INJECTION NEEDLE

Semiflexible, steerable needle for endoscopic antireflux operations in children and infants, as well as for all intravesical and intraurethral injections (also in adults).



collagen injection needle

- Fits all cystoscopes (incl. 9 F cystoscopes for infants)
- Straight needle
  It is possible to curve the needle slightly prior to introduction into the cystoscope. Thus a manipulation with the Albarran lever is not required.
- Ring marker for optimal control of puncture depth
- High versatility
- Easy handling

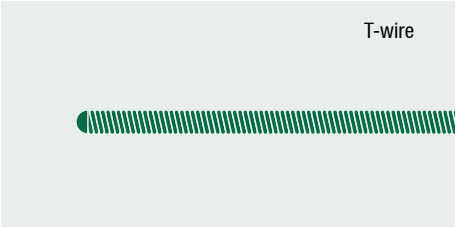
Type	Ø [mm / G]	Length [mm]	Use	**Order-No.**
Collagen injection needle	0.6 / 23	220	for children and infants	**16120090**
	0.95 / 19.5	400	for adults	**16121110**

Minimum order quantity: 10 units

T-WIRE
PTFE*1-COATED

T-WIRE

- ***PTFE****1-coated
- Fixed core
- Straight
- Flexible tip



Type	Diameter [inch / mm]	Length [cm]	Order-No.
T-wire	.018 / 0.45	80	**02200020**
		100	**02200030**
		125	**02200040**
		150	**02200050**
		260	**02200080**
	.021 / 0.53	80	**02220020**
		125	**02220040**
		150	**02220050**
	.025 / 0.63	100	**02250030**
		125	**02250040**
		150	**02250050**
		200	**02250060**
		260	**02250080**

Minimum order quantity: 10 units

*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

T-WIRE
PTFE*1-COATED

Type	Diameter [inch / mm]	Length [cm]	Order-No.
T-wire	.028 / 0.71	150	**02270050**
	.032 / 0.81	80	**02290020**
		100	**02310030**
		125	**02290040**
		150	**02290050**
		220	**02290070**
	.035 / 0.89	80	**02310020**
		100	**02310030**
		125	**02310040**
		150	**02310050**
		200	**02310060**
		220	**02310070**
		260	**02310080**
		300	**02310090**
		400	**02310100**
		500	**02310110**
	.038 / 0.97	100	**02330030**
		125	**02330040**
		150	**02330050**
		200	**02330060**
		220	**02330070**
		260	**02330080**

Minimum order quantity: 10 units

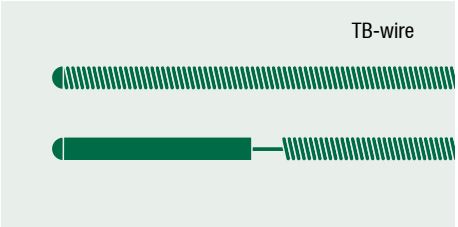
**1 PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

BARD

TB-WIRE
PTFE*1-COATED

TB-WIRE

- ***PTFE****1-coated
- Movable core
- Straight
- Flexible tip



Type	Diameter [inch / mm]	Length [cm]	**Order-No.**
TB-wire	.032 / 0.81	150	**02700050**
	.035 / 0.89	100	**02720030**
		125	**02720040**
		150	**02720050**
		200	**02720060**
		260	**02720080**
		400	**02720100**
	.038 / 0.97	100	**02740030**
		125	**02740040**
		150	**02740050**
		200	**02740060**
		260	**02740080**

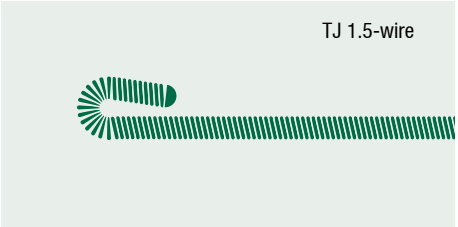
Minimum order quantity: 10 units

*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

TJ 1.5-WIRE PTFE*1-COATED

TJ 1.5-WIRE

- ***PTFE****1-coated
- Fixed core
- J-curved 1.5 mm
- Flexible tip



Type	Diameter [inch / mm]	Length [cm]	**Order-No.**
TJ 1.5-wire		150	**03000050**
	.021 / 0.53	200	**03000060**
		150	**03020050**
	.025 / 0.63	200	**03020060**
	.028 / 0.71	150	**03040050**
		150	**03060050**
	.032 / 0.81	200	**03060060**
		125	**03070040**
	.035 / 0.89	150	**03070050**
		200	**03100060**

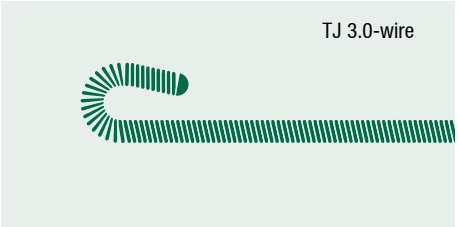
Minimum order quantity: 10 units

*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

TJ 3.0-WIRE PTFE*1-COATED

TJ 3.0-WIRE

- ***PTFE****1-coated
- Fixed core
- J-curved 3.0 mm
- Flexible tip



Type	Diameter [inch / mm]	Length [cm]	Order-No.
TJ 3.0-wire		100	**03300030**
	.018 / 0.45	125	**03300040**
		150	**03300050**
		100	**03350030**
	.025 / 0.63	125	**03350040**
		150	**03350050**
	.028 / 0.71	150	**03370050**
		125	**03390040**
	.032 / 0.81	150	**03390050**
		80	**03410020**
		100	**03410030**
		125	**03410040**
	.035 / 0.89	150	**03410050**
		200	**03410060**
		220	**03410070**
		260	**03410080**
		80	**03430020**
		100	**03430030**
		125	**03430040**
	.038 / 0.97	150	**03430050**
		200	**03430060**
		260	**03430080**

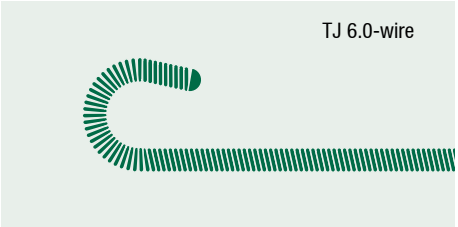
Minimum order quantity: 10 units

*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

TJ 6.0-WIRE PTFE*1-COATED

TJ 6.0-WIRE

- ***PTFE****1-coated
- Fixed core
- J-curved 6.0 mm
- Flexible tip



Type	Diameter [inch / mm]	Length [cm]	Order-No.
TJ 6.0-wire	.035 / 0.89	150	**03670050**
	.038 / 0.97	150	**03690050**

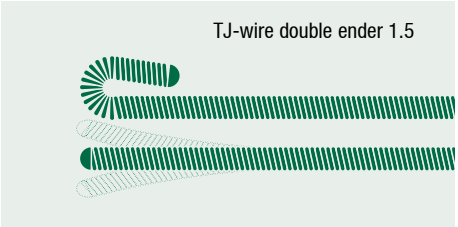
Minimum order quantity: 10 units

*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

TJ-WIRE DOUBLE ENDER 1.5 / 3.0 PTFE*1-COATED

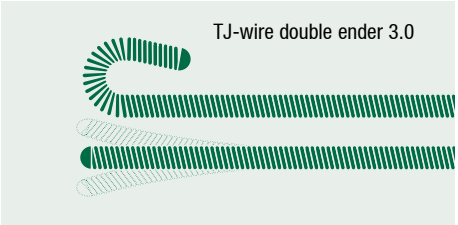
TJ-WIRE DOUBLE ENDER 1.5

- ***PTFE****1-coated
- Fixed core
- Straight or J-curved 1.5 mm
- 2 flexible tips



TJ-WIRE DOUBLE ENDER 3.0

- ***PTFE****1-coated
- Fixed core
- Straight or J-curved 3.0 mm
- 2 flexible tips



Type	Diameter [Inch / mm]	Length [cm]	**Order-No.**
TJ-wire double ender		125	**04540040**
straight/J-curved 1.5 mm	.035 / 0.89	150	**04540050**
TJ-wire double ender	.032 / 0.81	150	**04560050**
straight/J-curved 3.0 mm		125	**04570040**
	.035 / 0.89	150	**04570050**

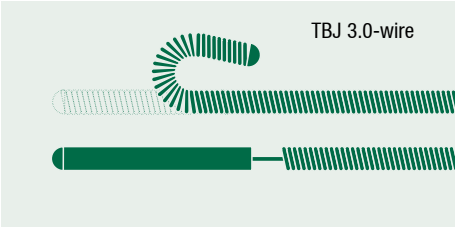
Minimum order quantity: 10 units

*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

TBJ 3.0-WIRE PTFE*1-COATED

TBJ 3.0-WIRE

- ***PTFE****1-coated
- Movable core
- J-curved 3.0 mm
- Flexible tip



Type	Diameter [inch / mm]	Length [cm]	Order-No.
TBJ 3.0-wire	.032 / 0.81	150	**04300050**
		100	**04320030**
		125	**04320040**
	.035 / 0.89	150	**04320050**
		200	**04320060**
		125	**04340040**
	.038 / 0.97	150	**04340050**
		200	**04340060**

Minimum order quantity: 10 units

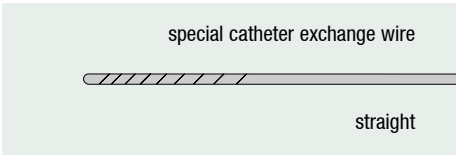
*1 *PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.*

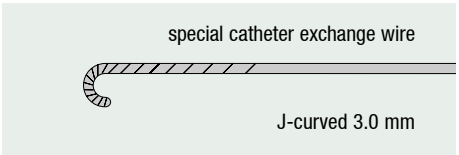
SPECIAL CATHETER EXCHANGE WIRE

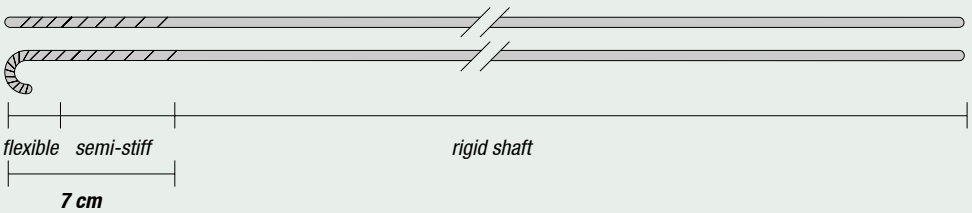
Guide wire with a flexible tip, but a rigid shaft and proximal end for the easy exchange and placement of catheters.

SPECIAL CATHETER EXCHANGE WIRE

- **Straight and 3.0 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability







Type	Diameter [inch / mm]	Length [cm]	**Order-No.**
Special catheter		100	**05500070**
exchange wire	.025 / 0.63	150	**05500090**
straight		60	**05540040**
		80	**05540050**
		90	**05540060**
	.035 / 0.89	100	**05540070**
		125	**05540080**
		150	**05540090**
Special catheter		80	**05700050**
exchange wire	.025 / 0.63	100	**05700070**
J-curved 3.0 mm		60	**05740040**
		70	**05740045**
		80	**05740050**
	.035 / 0.89	90	**05740060**
		100	**05740070**
		125	**05740080**
		150	**05740090**

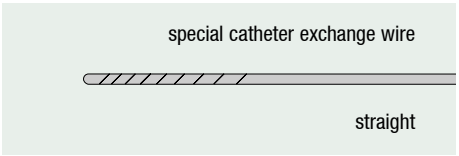
Minimum order quantity: 10 units

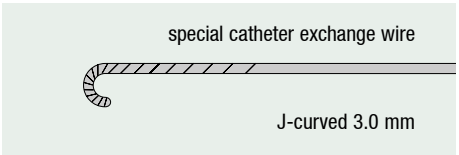
SPECIAL CATHETER EXCHANGE WIRE PTFE*1-COATED

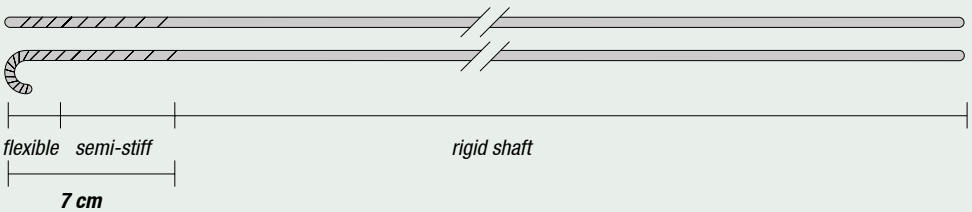
Guide wire with a flexible tip, but a rigid shaft and proximal end for the easy exchange and placement of catheters.
PTFE*1-coating reduces the friction coefficient significantly.

SPECIAL CATHETER EXCHANGE WIRE

- **Straight and 3.0 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability
- ***PTFE****1-coated







Type	Diameter [inch / mm]	Length [cm]	**Order-No.**
Special catheter		90	**05600460**
exchange wire	.035 / 0.89	100	**05600470**
straight		125	**05600480**
PTFE*1-coated			
Special catheter		70	**05650445**
exchange wire		80	**05650450**
J-curved 3.0 mm	.035 / 0.89	90	**05650460**
PTFE*1-coated		100	**05650470**
		125	**05650480**

Minimum order quantity: 10 units

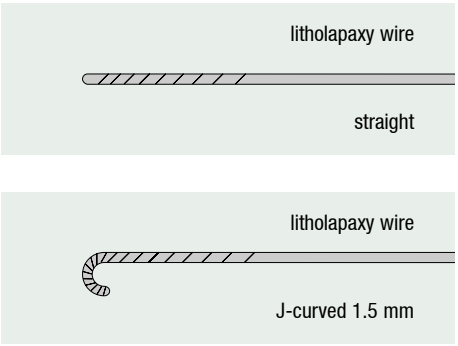
*1 PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

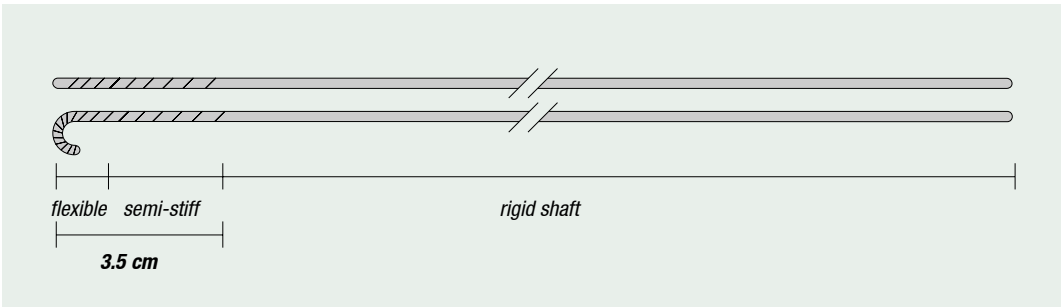
LITHOLAPAXY WIRE

The short flexible tip reduces the risk of kinking during the introduction of large instruments, in particular during dilatation of the percutaneous tract prior to litholapaxy.

LITHOLAPAXY WIRE

- **Straight and 1.5 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability





Type	Diameter [inch / mm]	Length [cm]	**Order-No.**
Litholapaxy wire	.025 / 0.63	100	**06000070**
straight		70	**06040045**
	.035 / 0.89	90	**06040060**
		100	**06040070**
Litholapaxy wire	.025 / 0.63	90	**06200060**
J-curved 1.5 mm		60	**06240040**
		70	**06240045**
	.035 / 0.89	80	**06240050**
		90	**06240060**
		100	**06240070**

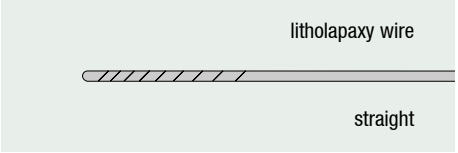
Minimum order quantity: 10 units

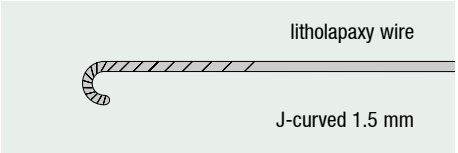
LITHOLAPAXY WIRE, PTFE*1-COATED

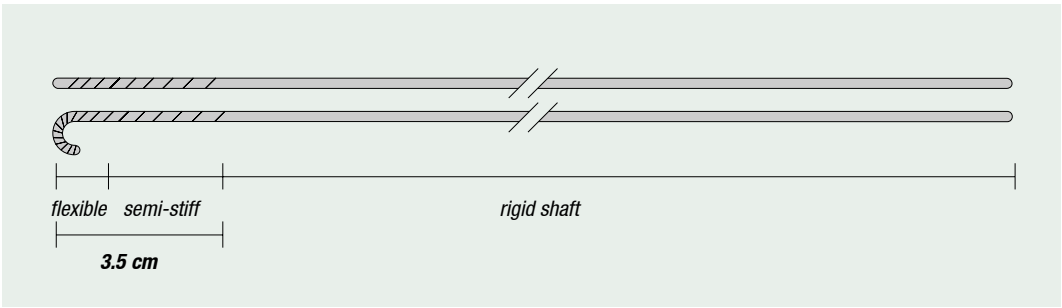
The short flexible tip reduces the risk of kinking during the introduction of large instruments, in particular during dilatation of the percutaneous tract prior to litholapaxy. PTFE*1-coating reduces the friction coefficient significantly.

LITHOLAPAXY WIRE

- **Straight and 1.5 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability
- ***PTFE****1-coated







Type	Diameter [inch / mm]	Length [cm]	**Order-No.**
Litholapaxy wire straight; ***PTFE****1-coated	.035 / 0.89	90	**06100460**
Litholapaxy wire J-curved 1.5 mm ***PTFE****1-coated	.035 / 0.89	80	**06150450**
		90	**06150460**
		100	**06150470**

Minimum order quantity: 10 units

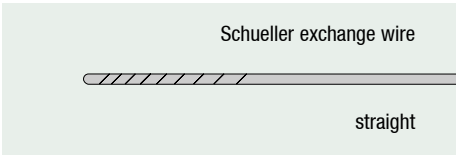
*1 PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

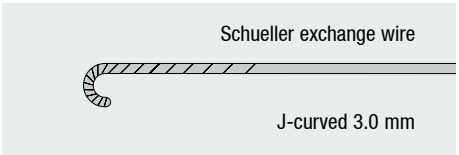
SCHUELLER EXCHANGE WIRE

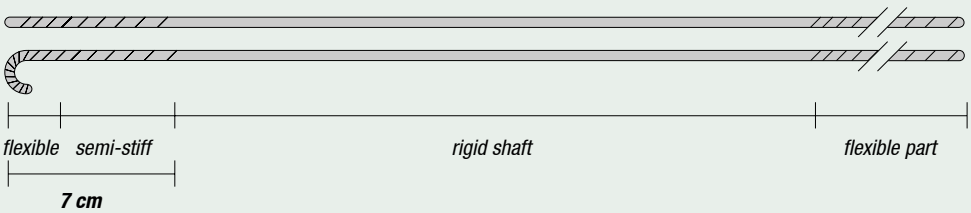
Flexible end of guide wire allows easier and more convenient insertion of catheters and other instruments.

SCHUELLER EXCHANGE WIRE

- **Straight and 3.0 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability







Type	Diameter [inch / mm]	Length [cm]	Rigid shaft [cm]	**Order-No.**
Schueller exchange wire		100	30	**06400010**
straight	.035 / 0.89	100	40	**06400020**
		100	55	**06400030**
Schueller exchange wire		100	30	**06600010**
J-curved 3.0 mm	.035 / 0.89	100	40	**06600020**
		100	55	**06600030**

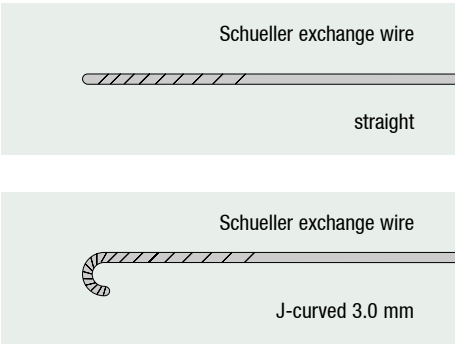
Minimum order quantity: 10 units

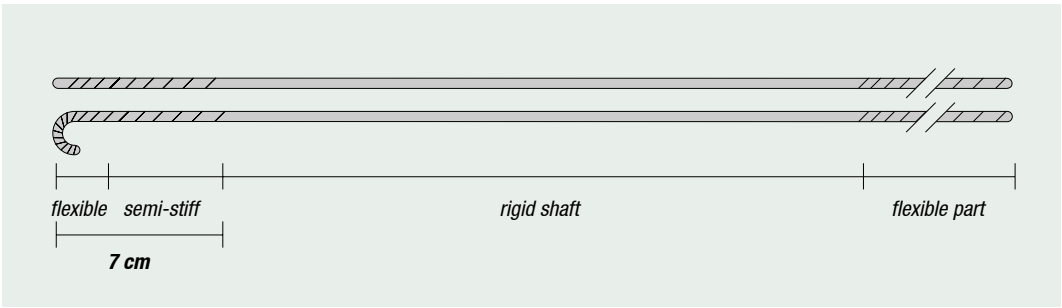
SCHUELLER EXCHANGE WIRE, PTFE*1-COATED

Flexible end of guide wire allows easier and more convenient insertion of catheters and other instruments. PTFE*1-coating reduces the friction coefficient significantly.

SCHUELLER EXCHANGE WIRE

- **Straight and 3.0 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability
- ***PTFE****1-coated





Type	Diameter [inch / mm]	Length [cm]	Rigid shaft [cm]	**Order-No.**
Schueller exchange wire				
straight	.035 / 0.89	100	40	**06420020**
PTFE*1-coated				
Schueller exchange wire		100	30	**06620010**
J-curved 3.0 mm	.035 / 0.89	100	40	**06620020**
PTFE*1-coated		100	55	**06620030**

Minimum order quantity: 10 units

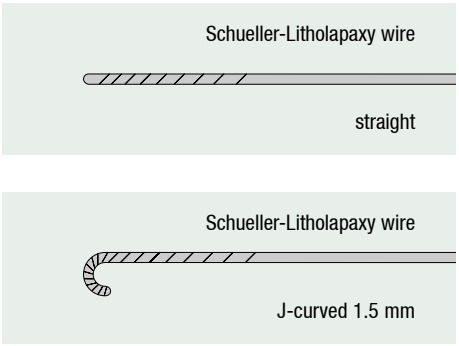
*1 PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

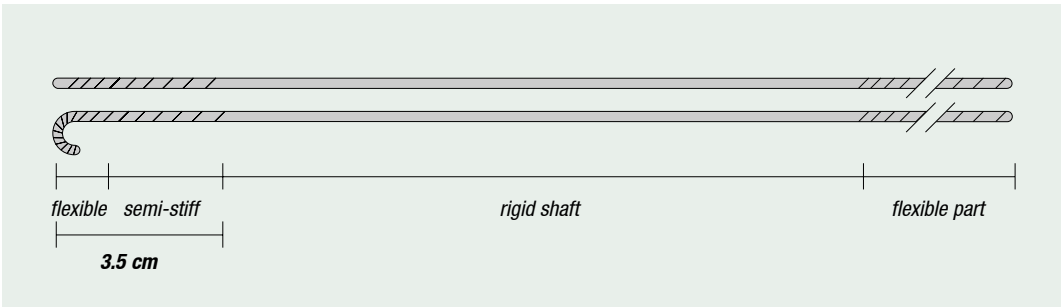
SCHUELLER-LITHOLAPAXY WIRE

Flexible end of guide wire allows easier and more convenient insertion of catheters and other instruments. The short flexible tip reduces the risk of kinking when introducing large instruments.

SCHUELLER-LITHOLAPAXY WIRE

- **Straight and 1.5 mm J-curved** tip configuration available
- Highly kink-resistant
- Excellent torque-stability





Type	Diameter [inch / mm]	Length [cm]	Rigid shaft [cm]	**Order-No.**
Schueller-Litholapaxy wire		100	40	**06800010**
straight	.035 / 0.89	100	55	**06800020**
Schueller-Litholapaxy wire		100	40	**07000010**
J-curved 1.5 mm	.035 / 0.89	100	55	**07000020**

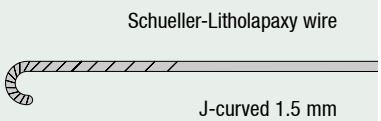
Minimum order quantity: 10 units

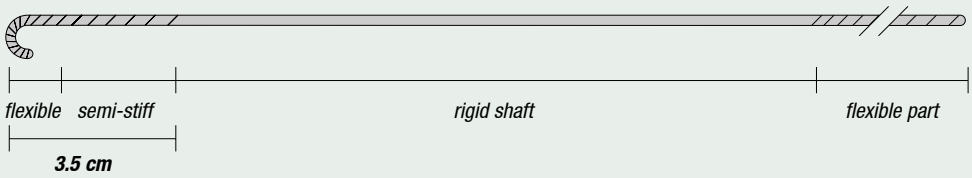
SCHUELLER-LITHOLAPAXY WIRE, PTFE*1-COATED

Flexible end of guide wire allows easier and more convenient insertion of catheters and other instruments. The short flexible tip reduces the risk of kinking when introducing large instruments. PTFE*1-coating reduces the friction coefficient significantly.

SCHUELLER-LITHOLAPAXY WIRE

- **1.5 mm J-curved** tip configuration
- Highly kink-resistant
- Excellent torque-stability
- ***PTFE****1-coated





Type	Diameter [inch / mm]	Length [cm]	Rigid shaft [cm]	Order-No.
Schueller-Litholapaxy wire				
J-curved 1.5 mm, ***PTFE****1-coated	.035 / 0.89	100	55	**07020030**

Minimum order quantity: 10 units

*1 PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

THE BLACK WIRE, BLUE WIRE, WHITE WIRE

THE BLACK WIRE

- Interventional **ultra-torque guide wire** with stiff shaft

THE BLUE WIRE

- Interventional **torque guide wire** with flexible shaft

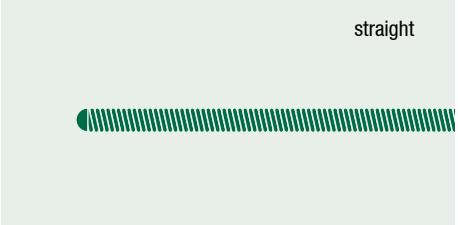
THE WHITE WIRE

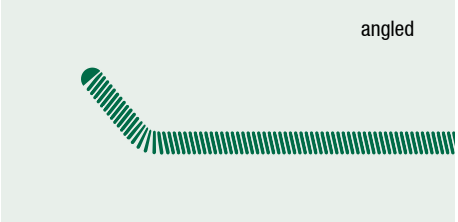
- Interventional **selective-torque guide wire** with highly flexible shaft

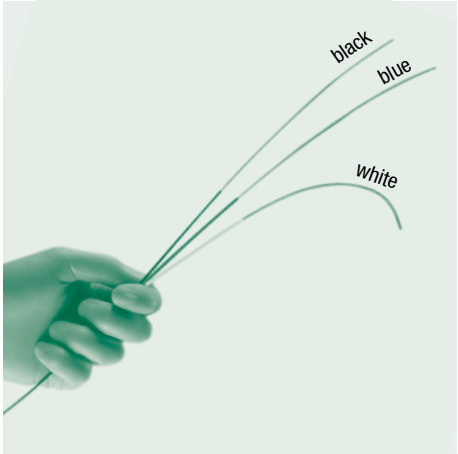
These guide wires are made of metal alloys with excellent torsion properties.

Super-selective techniques or the probing of complicated and tortuous passages are greatly facilitated through absolute torque control at a 1:1 ratio. The flexible, atraumatic tip offers the user a high degree of security.

Product attributes such as full kink resistance, excellent steerability and superior gliding properties achieved through the special outer coating, have placed these torque guide wires in a favorable position in the area of interventional medicine.







THE BLACK WIRE, BLUE WIRE, WHITE WIRES

Type	Diameter [inch / mm]	Tip configuration [cm]	Length [cm]	Tip length [cm]	Order-No.
The Blue Wire	.035 / 0.89	straight	145	4	**05420010**
				8	**05420020**
				15	**05420030**
			220	4	**05420210**
				8	**05420220**
			400	4	**05420090**
				8	**05420100**
		angled	145	4	**05421010**
				8	**05421020**
				15	**05421030**
The Black Wire	.035 / 0.89	straight	145	4	**05410000**
				8	**05410010**
			220	8	**05410220**
			400	4	**05410090**
				8	**05410100**
		angled	145	8	**05411010**
The White Wire	.035 / 0.89	straight	145	4	**05440010**
				8	**05440020**
		angled	145	4	**05441010**
				8	**05441020**
				15	**05441030**

Minimum order quantity: 1 unit

UROLOGICAL SPECIAL WIRE

UROLOGICAL SPECIAL WIRE

NITINOL GUIDE WIRE

- A highly flexible, kink-resistant guide wire
- Precise control with pin vise for secure guidance
- Excellent torque stability
- Made out of one solid piece, thus no welding or soldering points

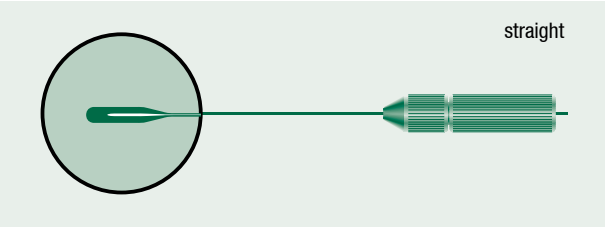
OLIVE TIP

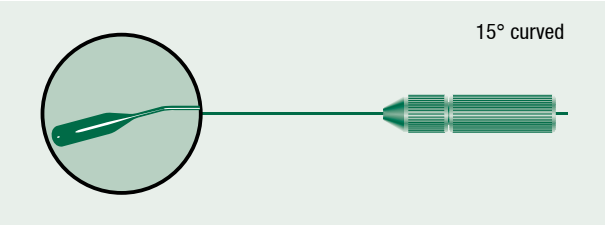
- Very good probing characteristics
- Enables complicated and atraumatic manoeuvres such as
  - passage through gallbladder stenoses
  - placement of a stent
  - stone manipulation

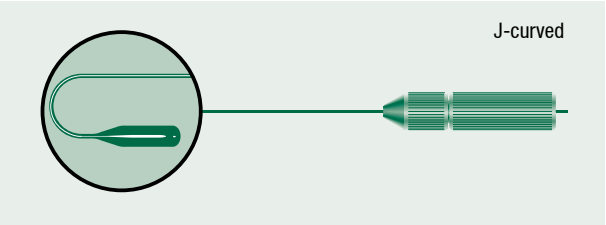
RECOMMENDED USE

Interventional procedures, including:

- Percutaneous nephrostomies
- Abscess drainage







Type	Diameter [inch / mm]	Length [cm]	Tip	Order-No.
Urological special wire			tapered tip 8 cm long, straight	**05470025**
with pin-vise		100	tapered tip 15° curved	**05481020**
	.035 / 0.89		J-curved 3 mm	**05480070**
			tapered tip 7 cm long, straight	**05470120**
		180	tapered tip 15 cm long, straight	**05470130**

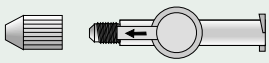
Minimum order quantity: 1 unit

STOPCOCK

2-WAY STOPCOCK WITH SCREW FITTING

- 2-way stopcock
- Screw cap for catheters or tubes up to 2.3 mm Ø
- Screw cap up to 3.1 mm Ø

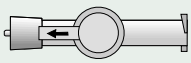
2-way stopcock with screw fitting



2-WAY STOPCOCK WITH LUER LOCK FITTING

- 2-way stopcock with female and male Luer lock

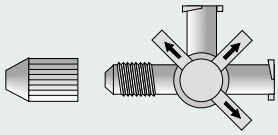
2-way stopcock with Luer lock fitting



3-WAY STOPCOCK WITH SCREW FITTING

- 3-way stopcock
- Screw cap for catheters or tubes up to 2.3 mm Ø
- Screw cap up to 3.1 mm Ø

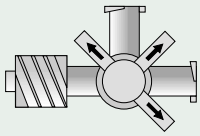
3-way stopcock with screw fitting



3-WAY STOPCOCK WITH LUER LOCK FITTING

- 3-way stopcock with 2 female and 1 male Luer lock

3-way stopcock with Luer lock fitting



Type	Order-No.
2-way stopcock with screw fitting	**15370010**
2-way stopcock with Luer lock fitting	**15380010**
3-way stopcock with screw fitting	**15390010**
3-way stopcock with Luer lock fitting	**15400010**

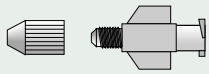
Minimum order quantity: 10 units

LUER LOCK

FEMALE LUER LOCK

- Female Luer lock
- Screw cap for catheters or tubes up to 2.3 mm Ø
- Screw cap up to 3.1 mm Ø

female Luer lock



MALE LUER LOCK

- Male Luer lock
- Screw cap for catheters or tubes up to 2.3 mm Ø
- Screw cap up to 3.1 mm Ø

male Luer lock

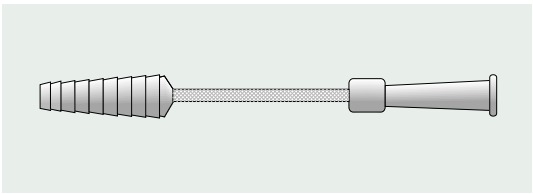


Type	Order-No.
Female Luer lock	**15350010**
Male Luer lock	**15360010**

Minimum order quantity: 10 units

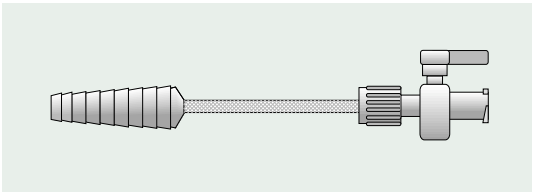
1) UNIVERSAL ADAPTER

- Reducing piece fits tubes from 7.5 to 10.5 mm
- Funnel (small) fits reducing units from 6 to 8 mm Ø
- Tube length 10 cm



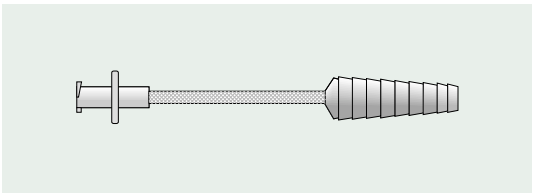
2) UNIVERSAL ADAPTER

- Reducing piece fits tubes from 7.5 to 10 mm Ø
- 2-way stopcock with female Luer lock
- Tube length 14 cm



3) UNIVERSAL ADAPTER

- Female Luer lock
- Reducing piece fits tubes from 7.5 to 10.5 mm Ø
- Tube length 10 cm

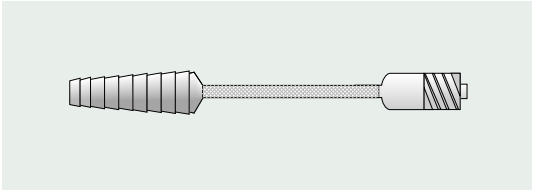


Type	Order-No.
Universal adapter:	
1) Reducing piece fits tubes from 7.5 to 10 mm - funnel (small) fits reducing units from 6 to 8 mm Ø	**64200010**
2) Reducing piece fits tubes from 7.5 to 10 mm Ø - 2-way stopcock with female Luer lock	**64200020**
3) Female Luer lock - reducing piece fits tubes from 7.5 to 10.5 mm Ø	**64220010**

Minimum order quantity: 10 units

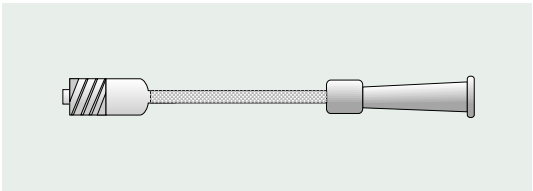
4) UNIVERSAL ADAPTER

- Reducing piece fits tubes from 7.5 to 10.5 mm Ø
- Male Luer lock
- Tube length 10 cm



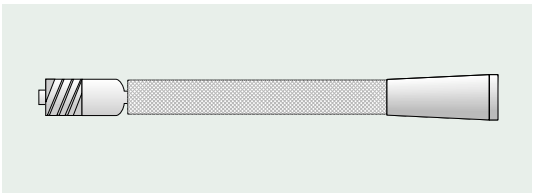
5) UNIVERSAL ADAPTER

- Male Luer lock
- Funnel (small) fits reducing pieces from 6 to 8 mm Ø
- Tube length 5 cm



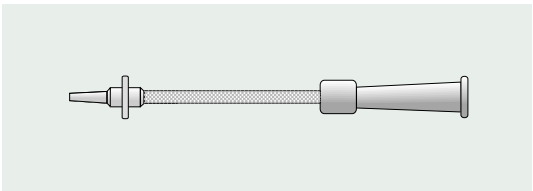
6) UNIVERSAL ADAPTER

- Male Luer lock
- Funnel (large) fits reducing pieces from 9 to 12 mm Ø
- Tube length 25 cm



7) UNIVERSAL ADAPTER

- Connecting piece
- Funnel (small) fits reducing pieces from 6 to 8 mm Ø
- Tube length 10 cm

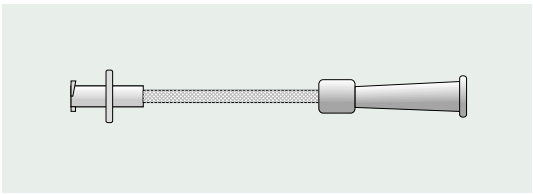


Type	Order-No.
Universal adapter:	
4) Reducing piece fits tubes from 7.5 to 10.5 mm Ø - male Luer lock	**64230010**
5) Male Luer lock - funnel (small) fits reducing pieces from 6 to 8 mm Ø	**64230030**
6) Male Luer lock - funnel (large) fits reducing pieces from 9 to 12 mm Ø	**64230020**
7) Connecting piece - funnel (small) fits reducing pieces from 6 to 8 mm Ø	**64210020**

Minimum order quantity: 10 units

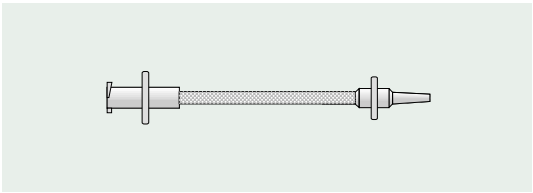
8) UNIVERSAL ADAPTER

- Female Luer lock
- Funnel (small) fits reducing pieces from 6 to 8 mm Ø
- Tube length 10 cm



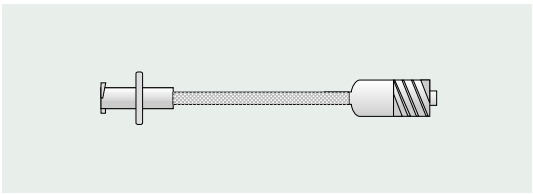
9) UNIVERSAL ADAPTER

- Female Luer lock
- Male connecting piece
- Tube length 10 cm



10) UNIVERSAL ADAPTER

- Female Luer lock
- Male Luer lock
- Tube length 10 cm



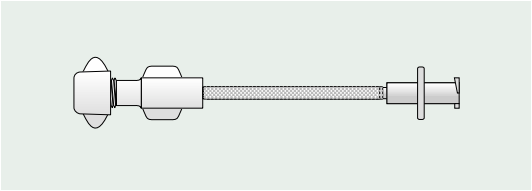
Type	Order-No.
Universal adapter:	
8) Female Luer lock - funnel (small) fits reducing pieces from 6 to 8 mm Ø	**64220020**
9) Female Luer lock - male connecting piece	**64220030**
10) Female Luer lock - male Luer lock	**64220040**

Minimum order quantity: 10 units

URETERAL CATHETER CONNECTORS

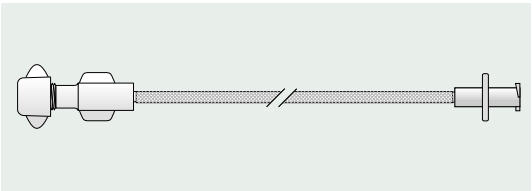
1) URETERAL CATHETER CONNECTOR

- Tuohy-Borst adapter
- Female Luer lock
- Tube length 5 cm



2) URETERAL CATHETER CONNECTOR

- Tuohy-Borst adapter
- Female Luer lock with long tube (for Korth sling)
- Tube length 15 cm

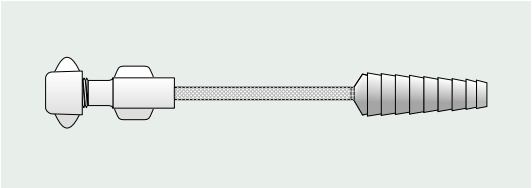


Type	Order-No.
Ureteral catheter connector:	
1) Tuohy-Borst adapter / female Luer lock / tube length 5 cm	**64100020**
2) Tuohy-Borst adapter / female Luer lock with long tube (for Korth sling) / tube length 5 cm	**64100060**

Minimum order quantity: 10 units

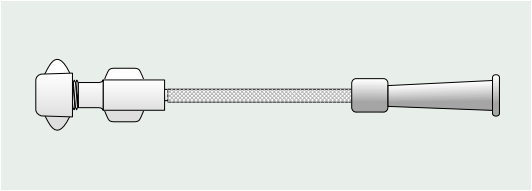
3) URETERAL CATHETER CONNECTOR

- Tuohy-Borst adapter
- Reducing piece fits tubes from 7.5 to 10.5 mm Ø
- Tube length 7 cm



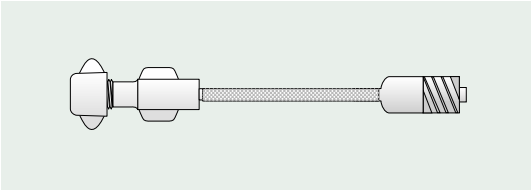
4) URETERAL CATHETER CONNECTOR

- Tuohy-Borst adapter
- Funnel (small) fits reducing piece from 6 to 8 mm Ø
- Tube length 7 cm



5) URETERAL CATHETER CONNECTOR

- Tuohy-Borst adapter
- Male Luer lock
- Tube length 7 cm



Type	Order-No.
Ureteral catheter connector:	
3) Tuohy-Borst adapter / reducing piece fits tubes from 7.5 to 10.5 mm Ø / tube length 7 cm	**64100030**
4) Tuohy-Borst adapter / funnel (small) fits reducing pieces from 6 to 8 mm Ø / tube length 7 cm	**64100050**
5) Tuohy-Borst adapter / male Luer lock / tube length 7 cm	**64100040**

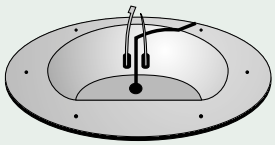
Minimum order quantity: 10 units

HARZMANN DISC

- For convenient fixation of drainage catheters, preventing kinking at the body surface.

Set components:

- 1 x catheter fixation plate
- 1 x anchoring thread



Harzmann disc

Type	Order-No.
Harzmann disc fits catheters up to 12 F	**64050010**
Harzmann disc fits catheters from 14 F up to 20 F	**64050020**

Minimum order quantity: 10 units

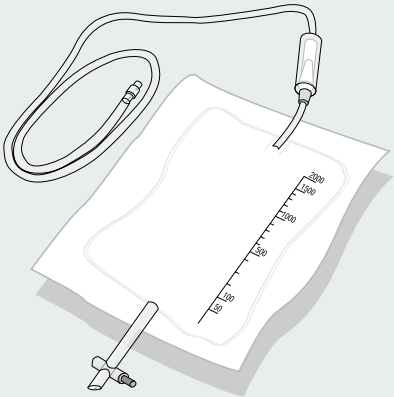
URINE BAG 22
WITH MICRON BACTERIA FILTER

The Bard® / angiomed® urine bag was designed for long-term percutaneous nephrostomy. The male Luer lock fits directly into the standard connecting tube included in all nephrostomy sets, offering a leak-free and lock-tight drainage system.

The bacteria filter is designed to prevent backflow and infection of the urinary tract.

At the bottom of each bag is a valve allowing hygienic drainage avoiding the need to continually exchange bags.

The urine bag has a capacity of 2 litres.



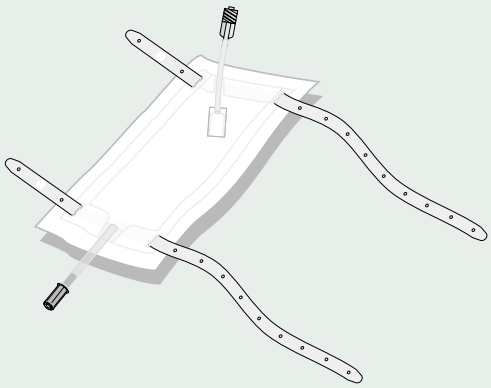
urine bag 2000 ml

URINE LEG BAG

The urine leg bag comes complete with two fastening straps. The male Luer lock fits directly into the standard connecting tube included in all nephrostomy sets, offering a leak-free and lock-tight drainage system.

At the bottom of each bag is a valve allowing a hygienic drainage avoiding the need to continually exchange bags.

The urine leg bag has a capacity of 500 ml.



urine leg bag 500 ml

Type	Order-No.
Urine bag with 22 micron bacteria filter	**64400010**
Urine leg bag	**64410010**

Minimum order quantity: 10 units

NOTES

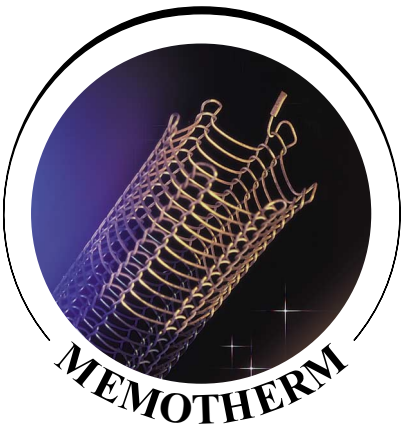
Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

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CONTENTS

GENERAL INFORMATION

Nitinol 3

MEMOTHERM® URETERAL STENT 4

MEMOTHERM® PROSTATIC STENT 6

MEMOTHERM® BULBAR STENT 6

REPOSITIONING INSTRUMENT 7

URETHRAL MEASURING CATHETER 8

GENERAL INFORMATION – NITINOL

Nitinol is the descriptive name for a family of paramagnetic nickel-titanium alloys, which are characterised by their properties of super flexibility, shape memory and excellent biocompatibility.

Nitinol alloys possess a 'memory' for their programmed dimensions and shape, and will attempt to reform to that original form, even after mechanical influence. This is known as 'shape memory effect'.

The temperature at which a nitinol alloy reforms to its shape depends on the composition of the alloy and its thermo-mechanical treatment. In the case of **memotherm**® stents, this temperature lies just below the temperature of the human body.

Due to their unconventional reaction to temperature changes or mechanical pressure nitinol alloys are often called 'smart materials'.



memotherm® at 0°C



memotherm® at body temperature

URETERAL STENT

URETERAL STENT

The memotherm® ureteral stent is a self-expanding stent made of a biocompatible shape memory metal. The flexible diamond-shaped design provides a highly atraumatic application.

The nitinol metal is polished to a mirror smoothness which along with the tubular design and the large lumen enhances excellent urine flow. The fact that there are no filament crossings prevents ureteral wall deposits and encrustations.

The memotherm® ureteral stents are implanted trans-urethrally and delivered with a coaxial application device (7 F). The exact placement of the stent is facilitated by the handgrip that can be manipulated with only one hand.

There is a wide range of diameters and lengths of the memotherm® ureteral stent for the treatment of ureteral stenoses of all lengths for the patients' individual anatomical conditions.

- Minimal shortening from indicated length with expansion
- Radiopaque material
- Nitinol - non-corrosive
- No shear forces - therefore mechanically stable
- Subsequent dilatation of the stent to pre-programmed diameter is possible





application device

URETERAL STENT

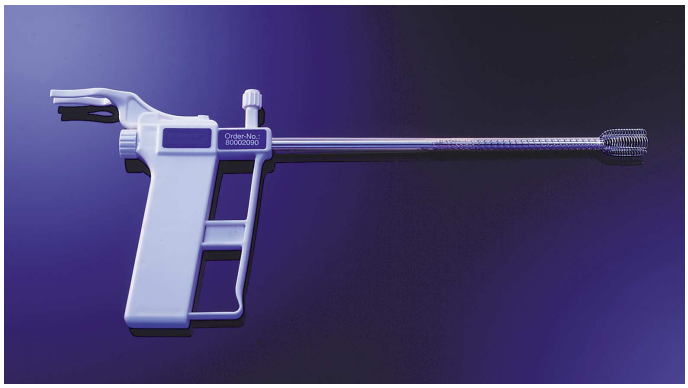
Type	Application device-Ø [F]	Stent-Ø (expanded) [mm]	Stent length [mm]	Order-No.
memotherm®			20	**80072020**
ureteral stent			30	**80072030**
			40	**80072040**
	7	4	50	**80072050**
			60	**80072060**
			70	**80072070**
			80	**80072080**
			20	**80073020**
			30	**80073030**
			40	**80073040**
	7	5	50	**80073050**
			60	**80073060**
			70	**80073070**
			80	**80073080**
			20	**80070120**
			30	**80070130**
			40	**80070140**
	7	6	50	**80070150**
			60	**80070160**
			70	**80070170**
			80	**80070180**
			20	**80071020**
			30	**80071030**
			40	**80071040**
	7	8	50	**80071050**
			60	**80071060**
			70	**80071070**
			80	**80071080**

Minimum order quantity: 1 unit

PROSTATIC STENT / BULBAR STENT

The memotherm® stent fulfills the standards of the state of the art treatment of subvesical obstructions.

PROSTATIC STENT / BULBAR STENT



Indications for the prostatic stent:

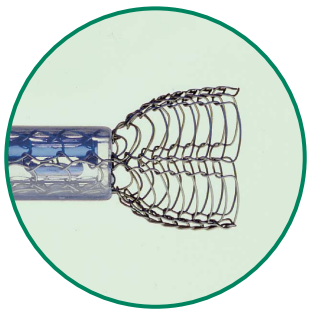
- Benign hyperplasia of the prostate
- Obstructive carcinoma of the prostate

Indications for the bulbar stent:

- Recurrent strictures of the bulbar urethra

memotherm® prostatic / bulbar stent:

- Generally, the stent implantation can be performed under local anesthesia
- The placement is performed under cystoscopic control
- After complete stent implantation the position can be changed with the adjustment device
- Endoscopic inspection is possible at all times
- After approximately 3 months, the stent is covered by urothelium
- Removal of the stent up to 2 weeks after deployment



Advantages of the new application device:

- Better and easier handling
- Fixation of the optic is possible
- Holding clip (adjustable) for the light cable

Type	Stent-Ø (expanded) [F]	Stent length* [mm]	Order-No.
memotherm® prostatic stent	42	15	**80002000**
		20	**80002010**
		25	**80002020**
		30	**80002030**
		35	**80002040**
		40	**80002050**
		45	**80002060**
		50	**80002070**
		55	**80002080**
		60	**80002090**
memotherm® bulbar stent	36	20	**80013010**
		30	**80013030**
		40	**80013050**
		50	**80013070**

* The stated stent length represents the stent length in released condition

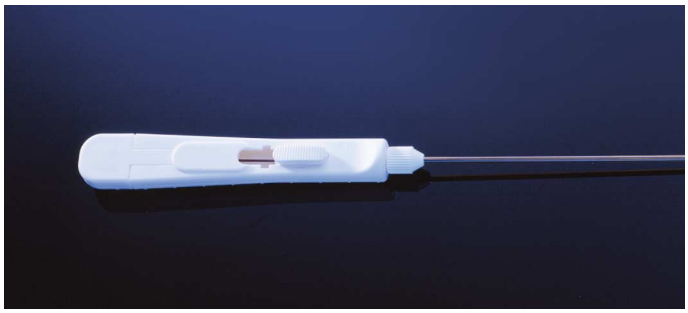
Minimum order quantity: 1 unit

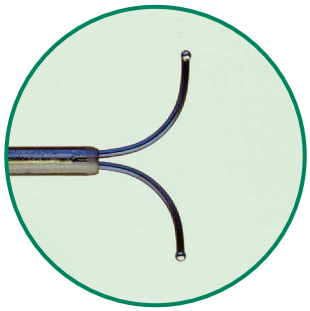
REPOSITIONING INSTRUMENT

For position correction of a placed memotherm® prostatic or bulbar stent.

REPOSITIONING INSTRUMENT

- Enables both proximal and distal correction of a placed memotherm® prostatic or bulbar stent
- Used during cystoscopy, continuous visual control
- Atraumatic gripping hooks





Type	Order-No.
Repositioning instrument 7 F	**80005010**

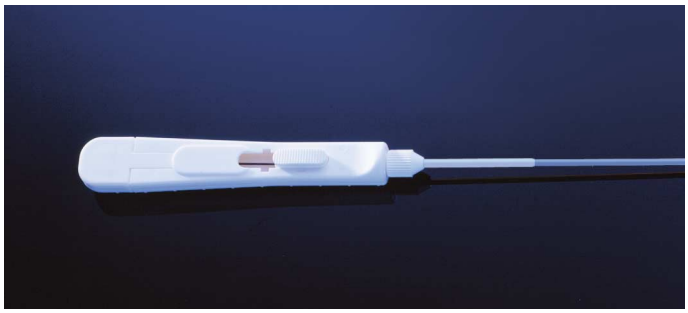
Minimum order quantity: 1 unit

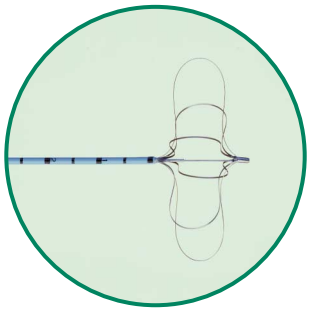
URETHRAL MEASURING CATHETER

For length measurements of the urethra.

URETHRAL MEASURING CATHETER

- Problem free introduction through the cystoscope (outer diameter only 6 F)
- Atraumatic fixation of the basket at the bladder neck
- 0.5 cm graduation, easy to read
- Dependable measurement of urethral section under visual control
- Enables exact length measurement for urethral stent placement, e.g. memotherm® prostatic stent, memotherm® bulbar stent, intra-urethral catheter acc. to Nissenkorn or intra-urethral catheter acc. to Barnes.





Type	Order-No.
Urethral measuring catheter 4 F **Protection catheter 6 F, 70 cm long**	**80016000**

Minimum order quantity: 1 unit

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Special Products

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CONTENTS

SPECIAL PRODUCTS

Urethral protractor (acc. to Froehlich-Woerdehoff)	2
Intra-urethral catheter (acc. to Barnes)	3
Intra-urethral catheter set (acc. to Nissenkorn)	4
Vesico-set (acc. to Harzmann)	6
Double needle applicator (acc. to Eickenberg)	7
Universal measuring catheter	8

URETHRAL PROTRACTOR

ACC. TO FROEHLICH-WOERDEHOFF

URETHRAL PROTRACTOR

Available components:

- Urethral protractor
- Special balloon catheter

Indications:

- The urethral protractor facilitates suturing of anastomoses between the urethra and the bladder after radical prostatectomy, of the neo-bladder after cystectomy, as well as of supradiaphragmatic ruptures of the urethra.

- With the help of the urethral protractor the stump of the urethra and the urogenital diaphragm can be pushed together thus creating better access.

- The urethral stump can be guided in various directions by the protractor in order to facilitate the localization and suturing of haemorrhages near the urethra.

- The protractor consists of a rigid and reusable suture guide and a separately available special balloon catheter.



urethral protractor

Type	Size [F]	Order-No.
Urethral protractor		**62000010**
Special balloon catheter	22	**62000011**

Minimum order quantity: 1 unit (urethral protractor), 10 units (Special balloon catheter)

INTRA-URETHRAL CATHETER

ACC. TO BARNES

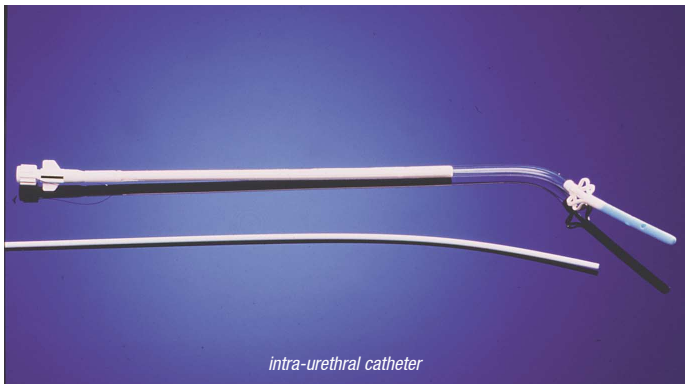
INTRA-URETHRAL CATHETER

Set components:

- Introducer system with preassembled intra-urethral catheter
- Pusher

Advantages:

- Easy insertion under local anaesthesia
- Rapid flow improvement
- Minimal prostatitis symptoms
- Low migration tendency
- Easy withdrawal



intra-urethral catheter

Type	Size [F]	Length [mm]	**Order-No.**
Intra-urethral catheter	16	75	**64616110**

Minimum order quantity: 1 unit

INTRA-URETHRAL CATHETER SET

(ACC. TO NISSENKORN / PAT. NO.: 4.973.301)

INTRA-URETHRAL CATHETER SET

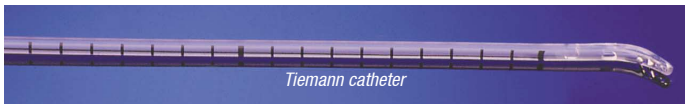
Set components:

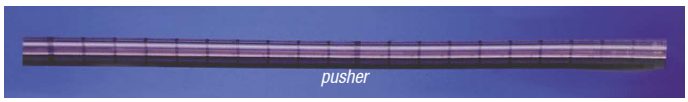
- Tiemann catheter
- Pusher
- Introducer sheath
- Cartridge
- Intra-urethral catheter

Advantages:

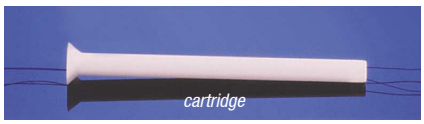
- Easy to insert and to remove
- Insertion in the outpatient clinic under local anesthesia
- The danger of ascending infection is reduced to a minimum
- The patient may continue normal life including sexual activity
- Maximal patient comfort, the patient voids freely and is continent

This self-retaining polyurethane intra-urethral device is available in lengths of 25 mm to 65 mm, in 16 F and 18 F, to accomodate varying prostate lengths and diameters. A mono-filamet nylon thread is connected to the distal end of the device (after insertion the thread can be removed or left in the distal urethra).

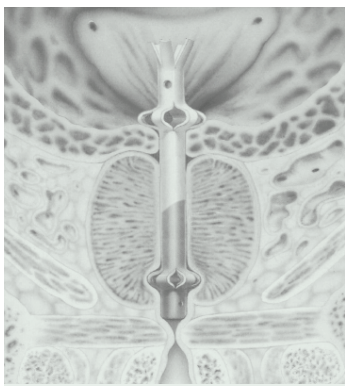






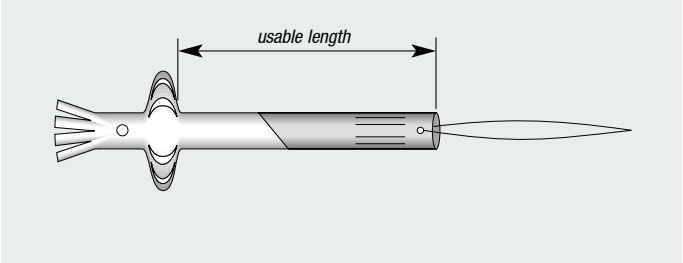






INTRA-URETHRAL CATHETER SET

(ACC. TO NISSENKORN / PAT. NO.: 4.973.301)



Type	Useable length [cm]	**Order-No.** 16 F	**Order-No.** 18 F
Intra-urethral catheter set	25	**–**	**64530010**
	30	**64520020**	**64530020**
	35	**64520030**	**64530030**
	40	**64520040**	**64530040**
	45	**64520050**	**64530050**
	50	**64520060**	**64530060**
	55	**64520070**	**64530070**
	60	**64520080**	**–**
	65	**64520090**	**–**

Minimum order quantity: 5 units

VESICO-SET

ACC. TO HARZMANN

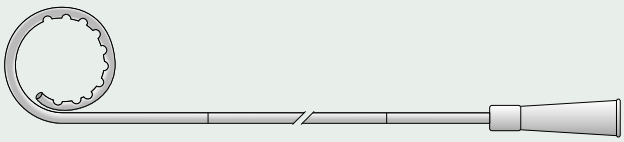
VESICO-SET

Complete set for suprapubic drainage.

The Vesico-set provides safe and easy handling particularly when puncturing and introducing the drainage catheter. It offers good drainage with excellent outer/inner diameter ratio of the radiopaque drainage catheter. Another positive feature is the easy removal of the puncture needle.



special puncture needle



pigtail drainage catheter

Set components:

- Special puncture needle
- Pigtail drainage catheter, 50 cm long (stretched configuration)
- Urine bag
- Urine sampling bottle
- Catheter clamp

Type	Order-No.
Vesico-set:	
with pigtail drainage catheter **8 F**	**60600080**
with pigtail drainage catheter **10 F**	**60600100**
with pigtail drainage catheter **12 F**	**60600120**

Minimum order quantity: 5 units

DOUBLE NEEDLE APPLICATOR

ACC. TO EICKENBERG

DOUBLE NEEDLE APPLICATOR

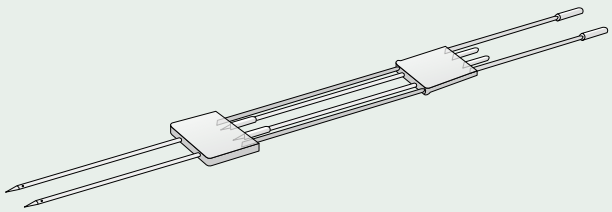
For percutaneous bladder-neck suspension in female incontinence.

Set components of the complete set:

- Double needle applicator (reusable)
- 2 parallel needles
- 8 x suture material, 0.5 m long
- 6 silicone tubes, 8 F
  (2 x 1 cm, 2 x 2 cm, 2 x 3 cm)

Set components of the parallel needle set:

- 2 parallel needles
- 8 x suture material, 0.5 m long
- 6 silicone tubes, 8 F
  (2 x 1 cm, 2 x 2 cm, 2 x 3 cm)



double needle applicator

Type	Order-No.
Double needle applicator:	
complete set	**75300010**
parallel needle set	**75310010**

Minimum order quantity: 1 unit (complete set), 5 units (parallel needle set)

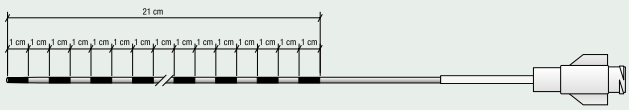
UNIVERSAL MEASURING CATHETER

A new device which measures the length of the ureter and the urethra. A 21 cm section of the measuring catheter is marked with radiopaque markers, which allows the measurement of the length under x-ray control.

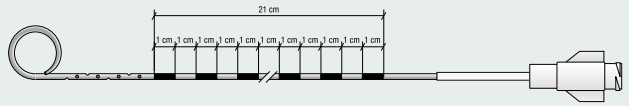
- Minimally invasive
- Excellent visibility of the radiopaque markers due to the loading with Tungsten
- Accepts a .035i guide wire

The catheter is available in the following two versions:

- straight
- pigtail



universal measuring catheter - straight



universal measuring catheter - pigtail

Type	Ø [F]	Configuration	Length [cm]	Side holes	**Order-No.**
Universal measuring catheter	5	straight	65	—	**20850041**
			90	—	**20850051**
		pigtail	65	8	**20850011**
			90	8	**20850021**

Minimum order quantity: 10 units

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ATTENTION! Not for sale in the United States of America.

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

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CONTENTS

PERCUTANEOUS NEPHROSTOMY SETS

Nephropur – general information 3

Nephropur® nephrostomy set with pigtail catheter 4

Nephropur® nephrostomy set with basket catheter 5

Nephropur® nephrostomy set with loop technique 6

Nephropur® nephrostomy slim set with pigtail catheter 7

Nephropur® nephrostomy slim set with basket catheter 8

Soft-Drain – general information 9

Soft-Drain nephrostomy set with pigtail catheter 10

Soft-Drain nephrostomy set with loop technique 11

Soft-Drain nephrostomy slim set with pigtail catheter 12

Soft-Drain special nephrostomy set with pigtail catheter 13

Soft-Drain direct puncture set with pigtail catheter 14

Percutaneous nephrostomy set – general information 15

Percutaneous nephrostomy set with pigtail catheter (acc. to Guenther) 16

Percutaneous nephrostomy set with loop catheter 17

Percutaneous nephrostomy slim set with pigtail catheter 18

Pediatric percutaneous nephrostomy set with pigtail catheter (acc. to Meyer-Schwickerath) 19

Otto set with pigtail catheter 20

Otto set MS with pigtail catheter 20

Schueller set with pigtail catheter 22

Schueller set MS with pigtail catheter 22



CONTENTS

SPECIAL PRODUCTS

Universal nephrostomy and dilatation set (acc. to Thueroff/Alken)	24
Exchange drainage catheter set	25
Pyeloplasty catheter (acc. to Froehlich)	26
Kidney cyst puncture set (acc. to Meyer)	27
Repositioning catheter set (acc. to Weckermann)	28
Endosplint (acc. to Schneider)	29
Percutaneous ureterotomy stent set (acc. to Korth)	30



NEPHROPUR® – GENERAL INFORMATION

Bard® / angiomed® ´s experience and technology have made it possible to develop a set that is more comfortable to use with a high standard of accuracy and patient safety.

Each set includes needles with the unique MS-cut, which provides a maximum of visibility during ultrasound examinations.

The Schueller wire (a modified catheter-exchange-wire) offers the safety of a rigid shaft through skin and fascia when introducing a catheter. The flexible end makes the handling easier for the urologist.

Each set includes a catheter made of Nephropur® (a soft-polyurethane material) for maximum comfort particularly for long-term drainage. This material is radiopaque.

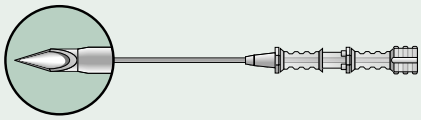
NEPHROPUR® NEPHROSTOMY SET

WITH PIGTAIL CATHETER

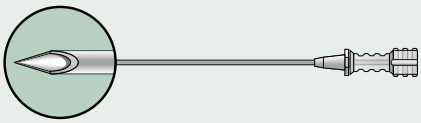
NEPHROPUR® NEPHROSTOMY SET WITH PIGTAIL CATHETER

Set components:

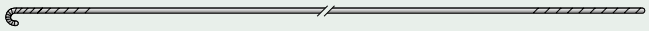
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16030080)**
- Chiba needle with MS-cut, Ø 0.7 mm / 22 G, 280 mm long *(16310100)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Dilators
- Nephropur® drainage catheter, 30 cm long, with stopcock
- Harzmann disc *(64050010)**
- Drainage tube *(64220050)**
- Urine bag with 22 micron bacteria filter *(64400010)**



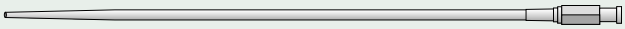
initial puncture needle with MS-cut



chiba needle with MS-cut



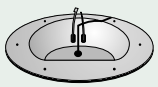
Schueller exchange wire



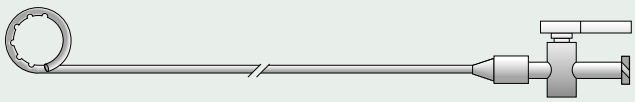
dilator



urine bag



Harzmann disc



Nephropur® drainage catheter

Type	Order-No. Set	Order-No. Replacement drainage catheter
Nephropur® nephrostomy set:		
with pigtail drainage catheter **6 F** and dilators in 6 F and 7 F	**55200060**	**55204060**
with pigtail drainage catheter **7 F** and dilators in 6, 7 and 8 F	**55200070**	**55204070**
with pigtail drainage catheter **8 F** and dilators in 6, 7, 8 and 9 F	**55200080**	**55204080**
with pigtail drainage catheter **9 F** and dilators in 6, 7, 8, 9 and 10 F	**55200090**	**55204090**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)

* Order numbers for replacement parts are listed in brackets.

BARD

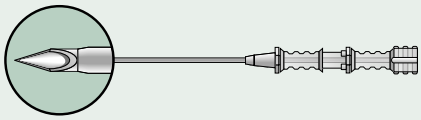
NEPHROPUR® NEPHROSTOMY SET

WITH BASKET CATHETER

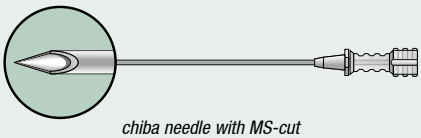
NEPHROPUR® NEPHROSTOMY SET WITH BASKET CATHETER

Set components:

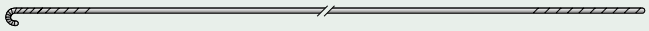
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16030080)**
- Chiba needle with MS-cut, Ø 0.7 mm / 22 G, 280 mm long *(16310100)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Dilators
- Nephropur® drainage catheter, 30 cm long
- Harzmann disc *(64050010)**
- Drainage tube *(64220050)**
- Urine bag with 22 micron bacteria filter *(64400010)**



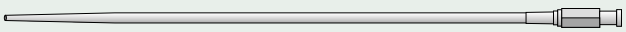
initial puncture needle with MS-cut



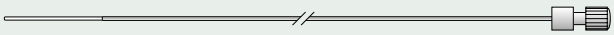
chiba needle with MS-cut



Schueller exchange wire



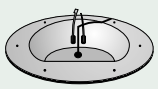
dilator



stiffening catheter



urine bag



Harzmann disc



basket drainage catheter

Type	Order-No. Set	Order-No. Replacement drainage catheter
Nephropur® nephrostomy set:		
with basket drainage catheter **10 F** and dilators in 6, 8, 10 F and 12 F	**55200100**	**55204100**
with basket drainage catheter **12 F** and dilators in 6, 8, 10, 12 F and 14 F	**55200120**	**55204120**
with basket drainage catheter **14 F** and dilators in 6, 8, 10, 12, 14 F and 16 F	**55200140**	**55204140**
with basket drainage catheter **16 F** and dilators in 6, 8, 10, 12, 14, 16 F and 18 F	**55200160**	**55204160**

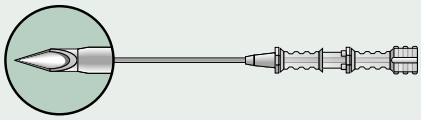
Minimum order quantity: 5 units (set and replacement drainage catheter), 10 units (replacement parts)

* Order numbers for replacement parts are listed in brackets.

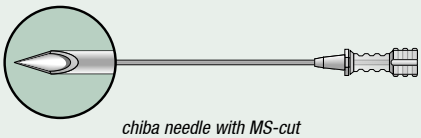
NEPHROPUR® NEPHROSTOMY SET WITH LOOP TECHNIQUE

Set components:

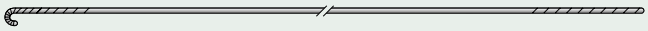
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16030080)**
- Chiba needle with MS-cut, Ø 0.7 mm / 22 G, 280 mm long *(16310100)**
- Schueller exchange wire, J-curved, stainless steel, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Dilators
- Nephropur® loop technique drainage catheter, 30 cm long
- Harzmann disc *(64050010)**
- 2-way stopcock *(15380020)**
- Urine bag with 22 micron bacteria filter *(64400010)**



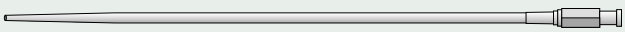
initial puncture needle with MS-cut



chiba needle with MS-cut



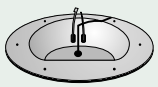
Schueller exchange wire



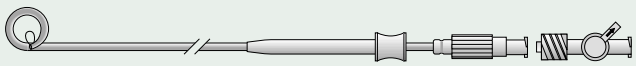
dilator



urine bag



Harzmann disc



Nephropur® drainage catheter

Type	Order-No.
	Set
Nephropur® nephrostomy set:	
with loop technique drainage catheter **8 F** and dilators in 6, 7, 8 and 9 F	**55215080**
with loop technique drainage catheter **9 F** and dilators in 6, 7, 8, 9 and 10 F	**55215090**

Minimum order quantity: 5 units (set), 10 units (replacement parts)
* Order numbers for replacement parts are listed in brackets.

NEPHROPUR® NEPHROSTOMY SLIM SET

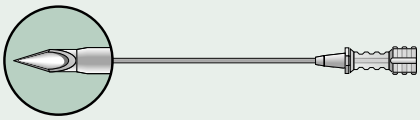
WITH PIGTAIL CATHETER

The economic version of our Nephropur® nephrostomy set with less components.

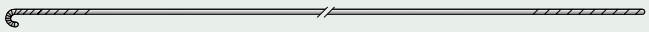
NEPHROPUR® NEPHROSTOMY SLIM SET WITH PIGTAIL CATHETER

Set components:

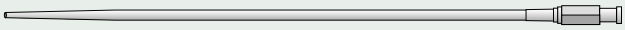
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 2-part *(16020080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Dilators
- Nephropur® drainage catheter, 30 cm long, with stopcock



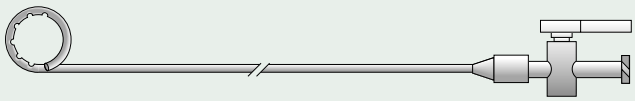
initial puncture needle with MS-cut



Schueller exchange wire



dilator



Nephropur® drainage catheter

Type	Order-No. Slim set	Order-No. Replacement drainage catheter
Nephropur® nephrostomy slim set:		
with pigtail drainage catheter **6 F** and dilator in 7 F	**55200069**	**55204060**
with pigtail drainage catheter **7 F** and dilators in 7 and 8 F	**55201078**	**55204070**
with pigtail drainage catheter **8 F** and dilators in 7 and 9 F	**55201831**	**55204080**
with pigtail drainage catheter **9 F** and dilators in 7, 8 and 10 F	**55201100**	**55204090**

Minimum order quantity: 5 units (slim set), 10 units (replacement drainage catheter and replacement parts)

* Order numbers for replacement parts are listed in brackets.

NEPHROPUR® NEPHROSTOMY SLIM SET

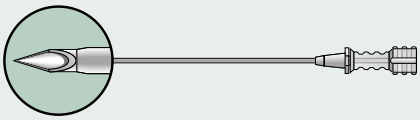
WITH BASKET CATHETER

The economic version of our Nephropur® nephrostomy set with less components.

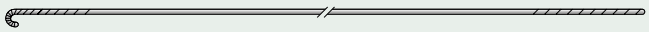
NEPHROPUR® NEPHROSTOMY SLIM SET WITH BASKET CATHETER

Set components:

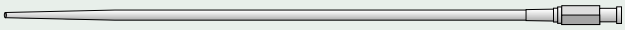
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 2-part *(16020080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Dilators
- Nephropur® drainage catheter, 30 cm long



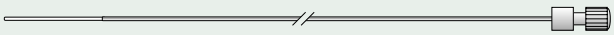
initial puncture needle with MS-cut



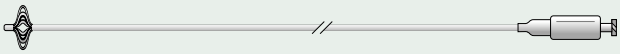
Schueller exchange wire



dilator



stiffening catheter



basket drainage catheter

Type	Order-No. Slim set	Order-No. Replacement drainage catheter
Nephropur® nephrostomy slim set:		
with basket drainage catheter **12 F** and dilators in 6, 8, 10, 12 F and 14 F	**55200132**	**55204120**
with basket drainage catheter **14 F** and dilators in 6, 8, 10, 12, 14 F and 16 F	**55200152**	**55204140**

Minimum order quantity: 5 units (slim set and replacement drainage catheter), 10 units (replacement parts)

* Order numbers for replacement parts are listed in brackets.



SOFT-DRAIN – GENERAL INFORMATION

Soft-Drain is a type of catheter material which combines the excellent stability and flexibility of soft-polyurethane with the incomparably smooth surface of polyethylene. This allows a safe catheter placement and ultimate patient comfort.

Soft-Drain is radiopaque and kink-resistant.

Soft-Drain nephrostomy sets are available in several versions, each consisting of different set components. Thus different nephrostomy techniques are possible with this high-quality material.

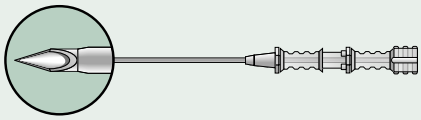
SOFT-DRAIN NEPHROSTOMY SET

WITH PIGTAIL CATHETER

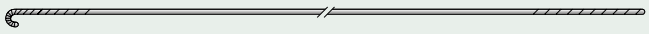
SOFT-DRAIN NEPHROSTOMY SET WITH PIGTAIL CATHETER

Set components:

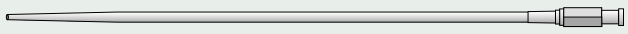
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16030080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Soft-Drain pigtail drainage catheter, 30 cm long
- Dilators
- Harzmann disc *(64050010)**
- 2-way stopcock *(15380020)**
- Urine bag with 22 micron bacteria filter *(64400010)**



initial puncture needle with MS-cut



Schueller exchange wire



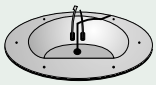
dilator



Soft-Drain drainage catheter with 2-way stopcock



urine bag



Harzmann disc

Type	Order-No. Set	Order-No. Replacement drainage catheter
Soft-Drain nephrostomy set:		
with pigtail drainage catheter **6 F** and dilators in 6 and 7 F	**55220060**	**55224060**
with pigtail drainage catheter **7 F** and dilators in 6, 7 and 8 F	**55220070**	**55224070**
with pigtail drainage catheter **8 F** and dilators in 6, 7, 8 and 9 F	**55220080**	**55224080**
with pigtail drainage catheter **9 F** and dilators in 6, 7, 8, 9 and 10 F	**55220090**	**55224090**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)

* Order numbers for replacement parts are listed in brackets.

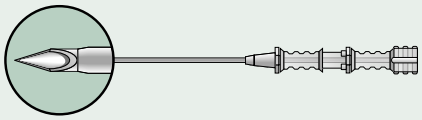
SOFT-DRAIN NEPHROSTOMY SET

WITH LOOP TECHNIQUE

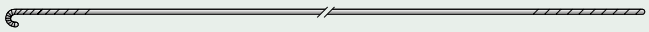
SOFT-DRAIN NEPHROSTOMY SET WITH LOOP TECHNIQUE

Set components:

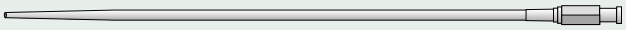
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16030080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Soft-Drain loop technique drainage catheter, 30 cm long
- Dilators
- Harzmann disc *(64050010)**
- 2-way stopcock *(15380020)**
- Urine bag with 22 micron bacteria filter *(64400010)**



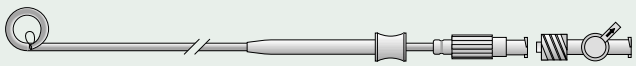
initial puncture needle with MS-cut



Schueller exchange wire



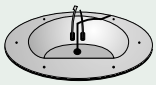
dilator



Soft-Drain drainage catheter with 2-way stopcock



urine bag



Harzmann disc

Type	Order-No. Set	Order-No. Replacement drainage catheter
Soft-Drain nephrostomy set:		
with loop technique drainage catheter **8 F** and dilators in 6, 7, 8 and 9 F	**55224180**	**55224380**
with loop technique drainage catheter **9 F** and dilators in 6, 7, 8, 9 and 10 F	**55224190**	**–**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)
* Order numbers for replacement parts are listed in brackets.

SOFT-DRAIN NEPHROSTOMY SLIM SET

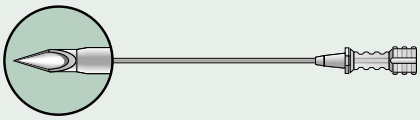
WITH PIGTAIL CATHETER

The economic version of our Soft-Drain nephrostomy set with less components.

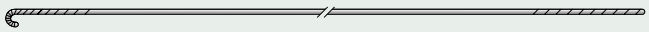
SOFT-DRAIN NEPHROSTOMY SLIM SET WITH PIGTAIL CATHETER

Set components:

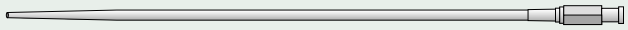
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 2-part *(16020080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Soft-Drain pigtail drainage catheter, 30 cm long
- Dilators
- 2-way stopcock *(15380020)**



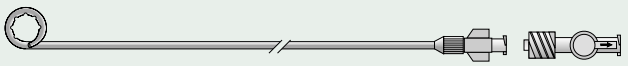
initial puncture needle with MS-cut



Schueller exchange wire



dilator



Soft-Drain drainage catheter with 2-way stopcock

Type	Order-No. Slim set	Order-No. Replacement drainage catheter
Soft-Drain nephrostomy slim set:		
with pigtail drainage catheter **6 F** and dilator 7 F	**55220065**	**55224060**
with pigtail drainage catheter **7 F** and dilators in 7 and 8 F	**55220075**	**55224070**
with pigtail drainage catheter **8 F** and dilators in 7 and 9 F	**55220086**	**55224080**
with pigtail drainage catheter **9 F** and dilators in 7, 8 and 10 F	**55220095**	**55224090**

Minimum order quantity: 5 units (slim set), 10 units (replacement drainage catheter and replacement parts)

* Order numbers for replacement parts are listed in brackets.

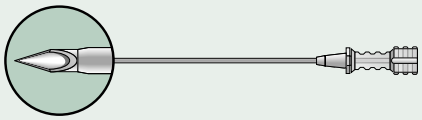
SOFT-DRAIN SPECIAL NEPHROSTOMY SET WITH PIGTAIL CATHETER

SOFT-DRAIN SPECIAL NEPHROSTOMY SET WITH PIGTAIL CATHETER

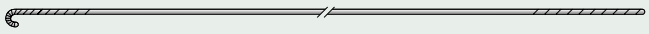
The stiffening cannula gives the catheter the firmness required for introduction which is comparable to that of the dilators.

Set components:

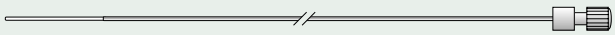
- 2-part initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long *(16020080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Soft-Drain pigtail drainage catheter, 28 cm long
- Obturator with flexible stylet
- Harzmann disc *(64050010)**
- 2-way stopcock *(15380020)**
- Universal adapter *(64230030)**



initial puncture needle with MS-cut



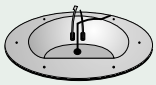
Schueller exchange wire



obturator with flexible stylet



Soft-Drain drainage catheter with 2-way stopcock



Harzmann disc

Type	Order-No. Set
Soft-Drain special nephrostomy set:	
with pigtail drainage catheter **7 F**	**55260070**
with pigtail drainage catheter **8 F**	**55260080**
with pigtail drainage catheter **9 F**	**55260090**

Minimum order quantity: 5 units (set), 10 units (replacement parts)
* Order numbers for replacement parts are listed in brackets.

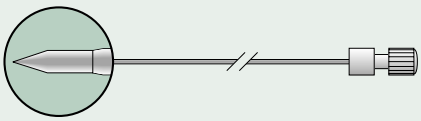
SOFT-DRAIN DIRECT PUNCTURE SET

WITH PIGTAIL CATHETER

SOFT-DRAIN DIRECT PUNCTURE SET WITH PIGTAIL CATHETER

Set components:

- 2-part puncture needle with pen-ball tip
- Soft-Drain pigtail drainage catheter
- Harzmann disc *(64050010)**
- Universal adapter *(64230030)**
- 2-way stopcock *(15380020)**



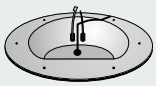
2-part puncture needle with pen-ball tip



Soft-Drain pigtail drainage catheter



assembled for puncture



Harzmann disc

Type	Order-No.
	Set
Soft-drain direct puncture set:	
with pigtail drainage catheter **7 F**	**18970230**
with pigtail drainage catheter **8 F**	**18970430**
with pigtail drainage catheter **9 F**	**18970630**

Minimum order quantity: 5 units (set), 10 units (replacement parts)
* Order numbers for replacement parts are listed in brackets.



PERCUTANEOUS NEPHROSTOMY SETS – GENERAL INFORMATION

The standard nephrostomy set designed by Prof. Guenther, also known as "Guenther Set", features a soft-polyethylene pigtail drainage catheter which is fully radiopaque. The length of the needle allows for applications in the modern coaxial as well as in the parallel puncture technique. The catheter is introduced by using the Seldinger technique as it offers a safe and careful introduction particularly in the presence of an undilated urinary collection system.

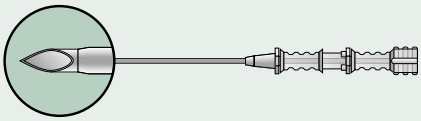
WITH PIGTAIL CATHETER

The standard nephrostomy set using the Seldinger technique to gain access to the renal pelvis and urine collection system.

PERCUTANEOUS NEPHROSTOMY SET WITH PIGTAIL CATHETER

Set components:

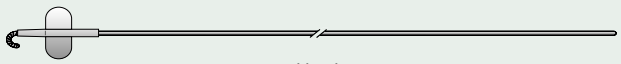
- Initial puncture needle, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16050080)**
- Chiba needle, Ø 0.7 mm / 22 G, 280 mm long *(16160100)**
- Guide wire, fixed core, J-curved, Ø .035i, 80 cm long
- Dilators
- Pigtail drainage catheter, 40 cm long (6 F to 8.4 F), 35 cm long (9 F), soft-polyethylene, with stopcock
- Harzmann disc *(64050010)**
- Drainage tube *(64220050)**



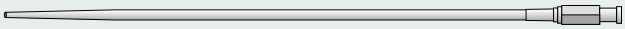
initial puncture needle



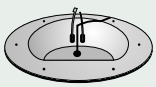
chiba needle



guide wire



dilator



Harzmann disc



pigtail drainage catheter

Type	Order-No. Set	Order-No. Replacement drainage catheter
Percutaneous nephrostomy set:		
with pigtail drainage catheter **6 F** and dilator in 7 F	**55000010**	**55004010**
with pigtail drainage catheter **6.6 F** and dilator in 7 F	**55000020**	**55004020**
with pigtail drainage catheter **7 F** and dilators in 7 and 8 F	**55000030**	**55004030**
with pigtail drainage catheter **7.6 F** and dilators in 7 and 8 F	**55000040**	**55004040**
with pigtail drainage catheter **8 F** and dilators in 7, 8 and 9 F	**55000050**	**55004050**
with pigtail drainage catheter **8.4 F** and dilators in 7, 8 and 9 F	**55000060**	**55004060**
with pigtail drainage catheter **9 F** and dilators in 7, 8, 9, 10 F and Schueller exchange wire	**55000070**	**55004070**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)
* Order numbers for replacement parts are listed in brackets.

PERCUTANEOUS NEPHROSTOMY SET

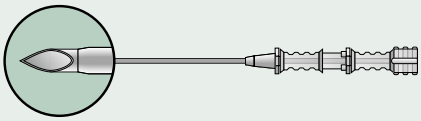
WITH LOOP CATHETER

The individual parts and the method of use is identical to the percutaneous nephrostomy set. For further safety a loop drainage catheter is included in the set to prevent a dislocation of the catheter from the urinary collection system.

PERCUTANEOUS NEPHROSTOMY SET WITH LOOP CATHETER

Set components:

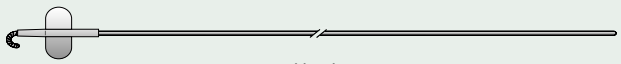
- Initial puncture needle, Ø 1.3 mm / 17.5 G, 200 mm long, 3-part *(16050080)**
- Chiba needle, Ø 0.7 mm / 22 G, 280 mm long *(16160100)**
- Guide wire, stainless steel, fixed core, J-curved, Ø .035i, 80 cm long *(01660020)**
- Dilator
- Loop drainage catheter, 37 cm long, with stopcock
- Harzmann disc *(64050010)**
- Drainage tube *[64220050)**



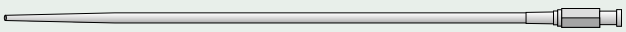
initial puncture needle



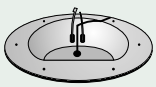
chiba needle



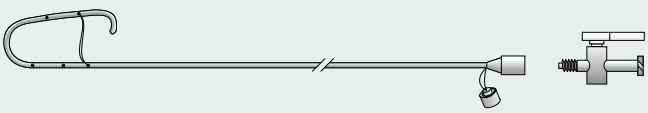
guide wire



dilator



Harzmann disc



loop drainage catheter

Type	Order-No. Set	Order-No. Replacement drainage catheter
Percutaneous nephrostomy set:		
with loop drainage catheter **6 F** and dilator in 7 F	**55020010**	**55024010**
with loop drainage catheter **6.6 F** and dilator in 7 F	**55020020**	**55024020**
with loop drainage catheter **7 F** and dilators in 7 and 8 F	**55020030**	**55024030**
with loop drainage catheter **8 F** and dilators in 7, 8 and 9 F	**55020050**	**55024050**
with loop drainage catheter **9 F** and dilators in 7, 8, 9, 10 F and Schueller exchange wire	**55020070**	**55024070**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)

* Order numbers for replacement parts are listed in brackets.

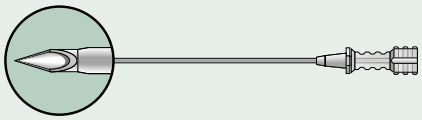
WITH PIGTAIL CATHETER

The economic version of our standard nephrostomy set with less components
using the Seldinger technique to gain access to the renal pelvis and urine collection system.

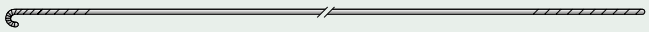
PERCUTANEOUS NEPHROSTOMY SLIM SET WITH PIGTAIL CATHETER

Set components:

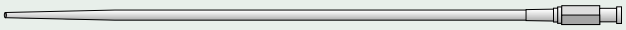
- Initial puncture needle with MS-cut, Ø 1.3 mm / 17.5 G, 200 mm long, 2-part *(16020080)**
- Schueller exchange wire, stainless steel, J-curved, Ø .035i, 100 cm long, rigid shaft 40 cm long *(06600020)**
- Dilators
- Pigtail drainage catheter, 40 cm long, soft-polyethylene, with stopcock



initial puncture needle with MS-cut



Schueller exchange wire



dilator



pigtail drainage catheter

Type	Order-No. Slim set	Order-No. Replacement drainage catheter
Percutaneous nephrostomy slim set:		
with pigtail drainage catheter **6.6 F** and dilator in 7 F	**55000009**	**55004020**
with pigtail drainage catheter **7.6 F** and dilators in 6 and 8 F	**55001062**	**55004040**
with pigtail drainage catheter **8.4 F** and dilators in 7 and 9 F	**55001213**	**55004060**

Minimum order quantity: 5 units (Slim set), 10 units (replacement drainage catheter and replacement parts)
* Order numbers for replacement parts are listed in brackets.

PEDIATRIC PERCUTANEOUS NEPHROSTOMY SET
ACC. TO MEYER-SCHWICKERATH

WITH PIGTAIL CATHETER

Specially designed for the anatomical conditions
of new borns and small infants.

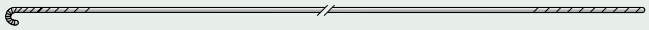
PEDIATRIC PERCUTANEOUS NEPHROSTOMY SET WITH PIGTAIL CATHETER

Set components:

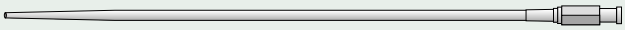
- Fine needle with MS-cut, Ø 0.95 mm / 19.5 G, 90 mm long *(16330040)**
- Pediatric guide wire, stainless steel, fixed core, J-curved, Ø .025i, 70 cm long, rigid shaft 40 cm long
- Dilators, 90 mm long
- Drainage catheter, 30 cm long, with 2-way stopcock
- Universal adapter with funnel



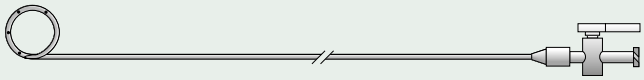
fine needle



pediatric guide wire



dilator



pigtail drainage catheter

Type	Order-No. Set	Order-No. Replacement drainage catheter
Pediatric percutaneous nephrostomy set:		
with pigtail drainage catheter **5 F** and dilator in 5 F	**55010010**	**55014010**
with pigtail drainage catheter **6 F** and dilator in 5 and 6 F	**55010020**	**55014020**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)
* Order numbers for replacement parts are listed in brackets.

OTTO SET / OTTO SET MS

WITH PIGTAIL CATHETER

For percutaneous nephrostomy and abscess drainage with the direct puncture technique.

OTTO SET / OTTO SET MS WITH PIGTAIL CATHETER

Set A components:

- 3-part, bevel-edged puncture needle, length adapted to length of catheter **[Otto set] or**

  3-part, bevel-edged puncture needle with MS-cut, which provides a maximum visibility under ultrasound guidance **[Otto set MS]**
- Pigtail drainage catheter
- Obturator with ring
- Drainage tube *(64220050)**
- Guide wire, fixed core, 125 cm long, Ø .035i (for 6 - 7.6 F catheter); .045i (for 8 - 9 F catheter)
- Urine bag with 22 micron bacteria filter (64400010)*
- Harzmann disc *(64050010)**

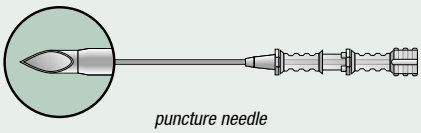
Seperataly available:

- ***Replacement pigtail drainage catheter***

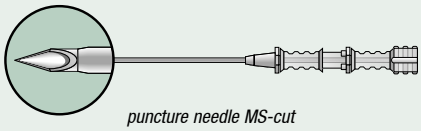
Set B components:

- 3-part, bevel-edged puncture needle, length adapted to length of catheter **[Otto set] or**

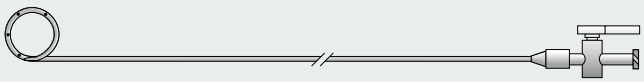
  3-part, bevel-edged puncture needle with MS-cut, which provides a maximum visibility under ultrasound guidance **[Otto set MS]**
- Pigtail drainage catheter
- Obturator with ring
- Drainage tube *(64220050)**
- Harzmann disc *(64050010)**



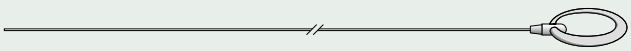
puncture needle



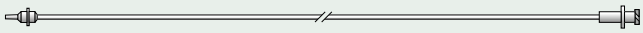
puncture needle MS-cut



pigtail drainage catheter

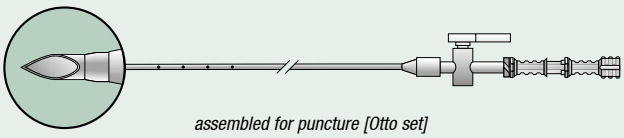


obturator with ring

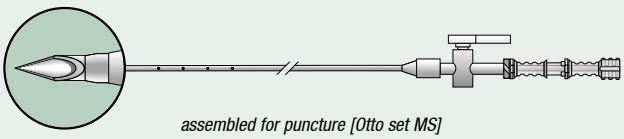


drainage tube

guide wire



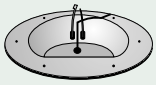
assembled for puncture [Otto set]



assembled for puncture [Otto set MS]



urine bag



Harzmann disc

OTTO SET / OTTO SET MS

WITH PIGTAIL CATHETER

For percutaneous nephrostomy and abscess drainage with the direct puncture technique.

Type	Ø [F]	Length [cm]	**Order-No.** Otto set	**Order-No.** Otto set MS	**Order-No.** Replacement drainage catheter
Otto Set A		30	**18500030**	**18600030**	**18900030**
	6	40	**18500040**	**–**	**18900040**
	6.6	30	**–**	**–**	**18910030**
		30	**18520030**	**–**	**18920030**
	7	40	**18520040**	**–**	**18920040**
		30	**18540030**	**–**	**18940030**
	8	40	**18540040**	**–**	**18940040**
		30	**18560030**	**–**	**18960030**
	9	40	**18560040**	**–**	**18960040**
Otto Set B		30	**18700030**	**18800030**	**18900030**
	6	40	**18700040**	**–**	**18900040**
		30	**18710030**	**–**	**18910030**
	6.6	40	**–**	**–**	**18910040**
		30	**18720030**	**18820030**	**18920030**
	7	40	**18720040**	**–**	**18920040**
	7.6	30	**18730030**	**–**	**18930030**
		30	**18740030**	**18840030**	**18940030**
	8	40	**18740040**	**–**	**18940040**
		30	**18750030**	**18850030**	**18950030**
	8.4	40	**18750040**	**–**	**18950040**
		30	**18760030**	**18860030**	**18960030**
	9	40	**18760040**	**–**	**18960040**

Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)
* Order numbers for replacement parts are listed in brackets.

SCHUELLER-SET / SCHUELLER-SET MS

WITH PIGTAIL CATHETER

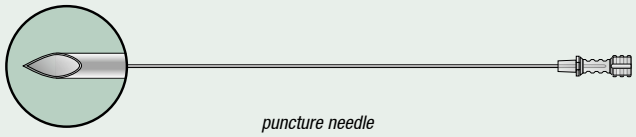
Percutaneous nephrostomy set for ultrasound guided direct puncture and placement of the drainage catheter with the “one-step-technique”.

SCHUELLER-SET / SCHUELLER-SET MS WITH PIGTAIL CATHETER

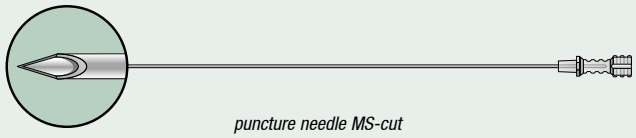
Set components:

- 3-part, bevel-edged puncture needle, 50 cm long **[Schueller-set] or**

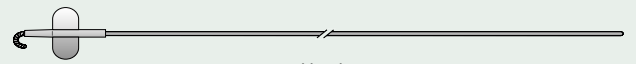
  3-part, bevel-edged puncture needle, 50 cm long, with MS-cut, which provides a maximum visibility under ultrasound guidance **[Schueller-set MS]**
- Guide wire, stainless steel, fixed core, J-curved
- Pigtail drainage catheter, 25 cm long (in stretched configuration), soft-polyethylene
- Obturator with ring
- Drainage tube *(64220050)**
- Urine bag with 22 micron bacteria filter *(64400010)**
- Harzmann disc *(64050010)**



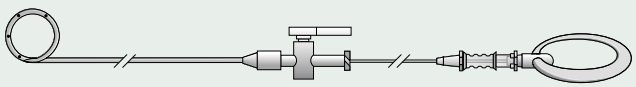
puncture needle



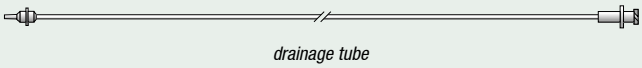
puncture needle MS-cut



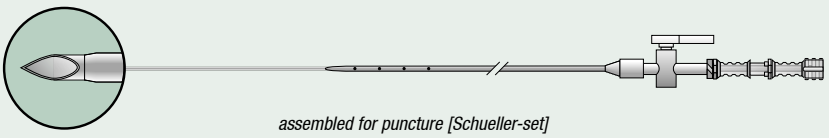
guide wire



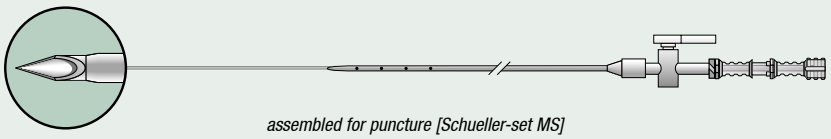
pigtail drainage catheter and obturator with ring



drainage tube



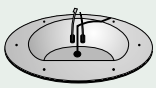
assembled for puncture [Schueller-set]



assembled for puncture [Schueller-set MS]



urine bag



Harzmann disc

SCHUELLER-SET / SCHUELLER-SET MS

WITH PIGTAIL CATHETER

Percutaneous nephrostomy set for ultrasound guided direct puncture and placement of the drainage catheter with the “one-step-technique”.

Type	**Order-No.** Schueller-set	**Order-No.** Schueller-set MS	**Order-No.** Replacement drainage catheter
Schueller-Set:			
with pigtail drainage catheter **6 F**	**55300010**	**55320010**	**55304010**
with pigtail drainage catheter **7 F**	**55300030**	**55320030**	**55304030**
with pigtail drainage catheter **7.6 F**	**–**	**55320040**	**–**
with pigtail drainage catheter **8 F**	**55300050**	**–**	**55304050**
with pigtail drainage catheter **8.4 F**	**55300060**	**55320060**	**55304060**
with pigtail drainage catheter **9 F**	**55300070**	**55320070**	**55304070**

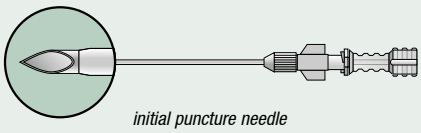
Minimum order quantity: 5 units (set), 10 units (replacement drainage catheter and replacement parts)
* Order numbers for replacement parts are listed in brackets.

UNIVERSAL NEPHROSTOMY AND DILATATION SET

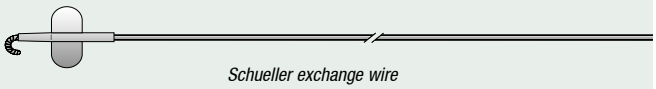
A nephrostomy set was developed, in co-operation with Prof. J. Thueroff, Clinic Mainz and Prof. P. Alken, Clinic Mannheim to provide standardized access to the renal collecting system, both under fluoroscopic or ultrasound guidance and regardless whether the puncture is performed to introduce a nephrostomy catheter only or to dilate the track for nephroscopy.

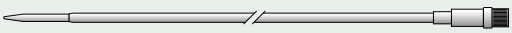
Set components:

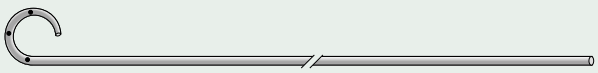
- Initial puncture needle, Ø 1.3 mm / 17.5 G, 225 mm long, outer cannula: bevel-edged, with a 6 F ***PTFE****[1]-catheter over the needle, stylet: 4 cm shorter, rounded and blunt
- 2-part bevel-edged chiba needle, Ø 0.7 mm / 22 G, 280 mm long *(16160100)**
- Schueller exchange wire, J-curved, Ø .035i, 80 cm long, rigid part 30 cm long *(06600110)**
- Dilator, 8 F
- Introducer sheath, dilator: 10 F, 200 mm long, sheath: 185 mm long
- Nephropur® pigtail drainage catheter 10 F, 35 cm long
- Harzmann disc *(64050010)**
- Catheter connector and connecting tube
- Urine leg bag, 500 ml *(64410010)**

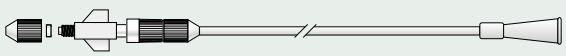

initial puncture needle


chiba needle


Schueller exchange wire

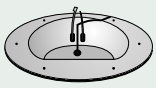

introducer sheath


Nephropur® pigtail drainage catheter


catheter connector and connecting tube


dilator


urine leg bag


Harzmann disc

Type	Order-No.
	Set
Universal nephrostomy and dilatation set:	
with pigtail drainage catheter **10 F**	**55050010**

Minimum order quantity: 5 units (set), 10 units (replacement parts)
* Order numbers for replacement parts are listed in brackets.

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

EXCHANGE DRAINAGE CATHETER SET
ACC. TO THUEROFF/ALKEN

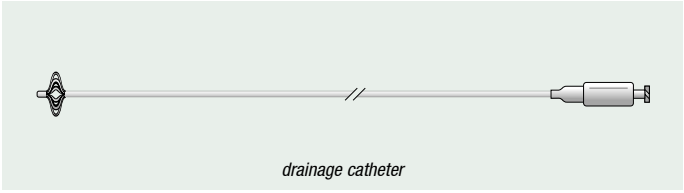
WITH BASKET CATHETER

EXCHANGE DRAINAGE CATHETER SET WITH BASKET CATHETER

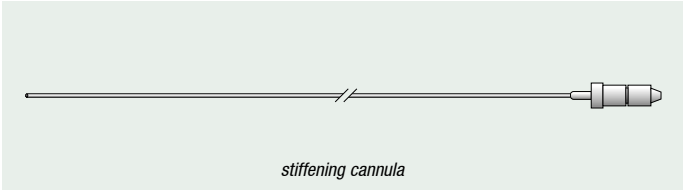
These large-lumen catheters are made of radiopaque soft-polyethylene and offer a higher degree of stability than the Nephropur® alternative. Featuring the basket-type design, these catheters are designed for drainage of thick, viscous fluids.

Set components:

- Drainage catheter, soft-polyethylene, 40 cm long
- Stiffening cannula



drainage catheter



stiffening cannula

Type	**Order-No.** Set
Exchange drainage catheter set:	
with basket drainage catheter **10 F**	**55150100**
with basket drainage catheter **12 F**	**55150120**
with basket drainage catheter **14 F**	**55150140**
with basket drainage catheter **16 F**	**55150160**
with basket drainage catheter **18 F**	**55150180**
with basket drainage catheter **20 F**	**55150200**

Minimum order quantity: 5 units

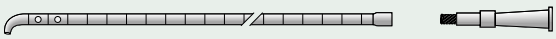
PYELOPLASTY CATHETER
ACC. TO FROEHLICH

Coaxial 2-part catheter for urinary drainage following pyeloplasty.

PYELOPLASTY CATHETER

- Inserter to facilitate the establishment of a renal fistula
- Coaxial structure requires only one perforation of the renal parenchyma
- Only one urine drainage system is necessary
- Length of the intraureteral section is variable
- If required, drainage of the kidney can be continued after removal of the inner catheter
- Radiological and urodynamic evaluations of the anastomosis can be carried out with the catheter in place
- If necessary, resplinting of the ureter and the anastomosis is feasible (control is facilitated by the curved tip of the outer catheter)

inner catheter 7 F



outer catheter 18 F



inserter

Type	Order-No.
Pyeloplasty catheter	**61470010**

Minimum order quantity: 10 units

KIDNEY CYST PUNCTURE SET
ACC. TO MEYER

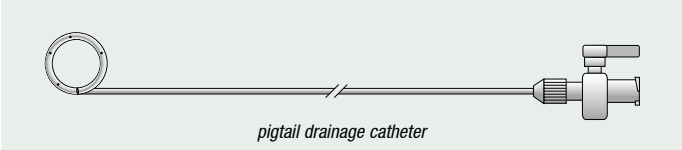
WITH PIGTAIL CATHETER

For the percutaneous endoscopic resection of the kidney cyst wall.

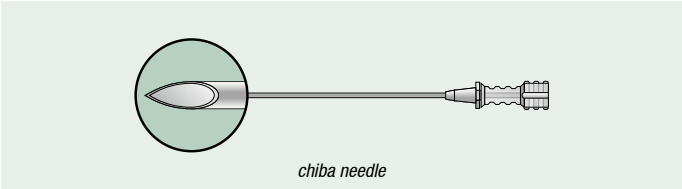
KIDNEY CYST PUNCTURE SET WITH PIGTAIL CATHETER

Set components:

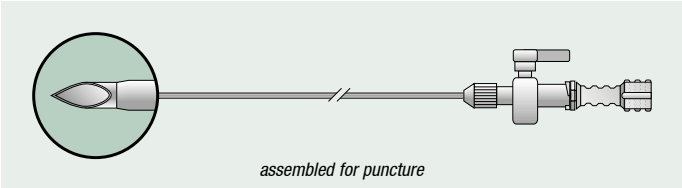
- Chiba needle, Ø 0.95 mm / 19.5 G, 220 mm long *(16180090)**
- Pigtail drainage catheter 6 F, polyethylene, with adapted 2-way stopcock



pigtail drainage catheter



chiba needle



assembled for puncture

Type	**Order-No.**
	Set
Kidney cyst puncture set:	
with pigtail drainage catheter **6 F**	**64800060**

Minimum order quantity: 10 units
* Order numbers for replacement parts are listed in brackets.

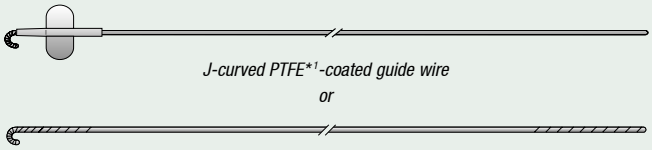
REPOSITIONING CATHETER SET
ACC. TO WECKERMANN

An indispensable aid for dislocated nephrostomy catheters.

REPOSITIONING CATHETER SET

Set components:

- Guide wire, J-curved, Ø .035i (detailed description below)
- Repositioning catheter, 5 F, 70 cm long
- Syringe adapter



J-curved PTFE[1]*-coated guide wire*
or
J-curved special exchange wire

repositioning catheter



syringe adapter

Type	Order-No.
	Set
Repositioning catheter set:	
with repositioning catheter **5 F** and guide wire, ***PTFE****[1]-coated, J-curved, fixed core, .035i x 125 cm *(03410040)**	**64900010**
with repositioning catheter **5 F** and special exchange wire, J-curved, .035i x 100 cm *(05740070)**	**64900020**

Minimum order quantity: 10 units
* Order numbers for replacement parts are listed in brackets.

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

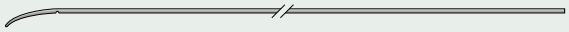
For postoperative splinting following percutaneous incision of a primary or secondary obstruction in the upper ureteral region.

ENDOSPLINT

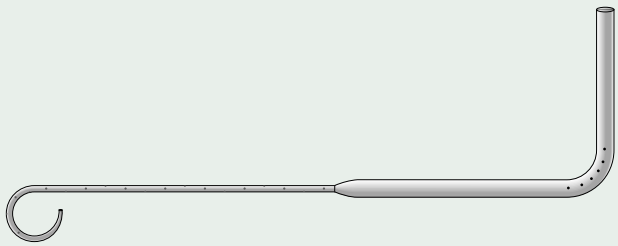
Set components:

- Ureteral catheter, 4 F, 110 cm long
- Guide wire, ***PTFE****[1]-coated, movable core, Ø .035i, 150 cm long
- Ureterotomy splint, 14 F / 7 F Puroflex® soft-polyurethane material
- Ureteral catheter connector
- 2-way stopcock

guide wire



ureteral catheter



endosplint



ureteral catheter connector

Type	Order-No.
	Set
Endosplint	**61502139**
	Minimum order quantity: 5 units

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

BARD

PERCUTANEOUS URETEROTOMY STENT SET
ACC. TO KORTH

angiomed

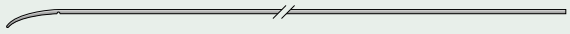
For the post-operative stenting of percutaneously incised ureteral strictures.
The catheter itself is made of Puroflex, a tested and proven soft-polyurethane.
It is radiopaque, soft and flexible with a low encrustation tendency and excellent drainage characteristics.

PERCUTANEOUS URETEROTOMY STENT SET

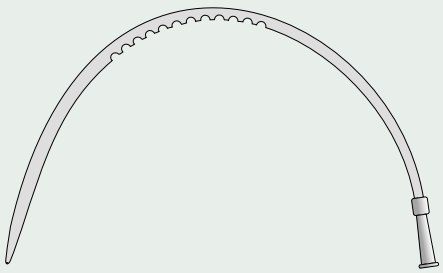
Set components:

- Ureteral catheter, 4 F, 110 cm long
- Guide wire, ***PTFE****[1]-coated, fixed core, 125 cm long, .035i
- Ureterotomy stent, Puroflex® material, 14 F
- Harzmann disc
- Urine bag with 22 micron bacteria filter (64400010)*

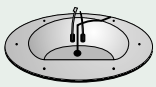
guide wire, PTFE[1]-coated*



ureteral catheter



ureterotomy stent



Harzmann disc

Type	Order-No.
	Set
Ureterotomy stent 14 F	**61500140**

Minimum order quantity: 5 units (set), 10 units (replacement parts)
* Order numbers for replacement parts are listed in brackets.

BARD

[1] PTFE [polytetrafluoroethylene] and FEP [perfluoro (ethylene-propylene) -copolymer] are part of the polyhalogenic olefines group and are characterized by low friction and non-stick properties and a superior chemical stability.

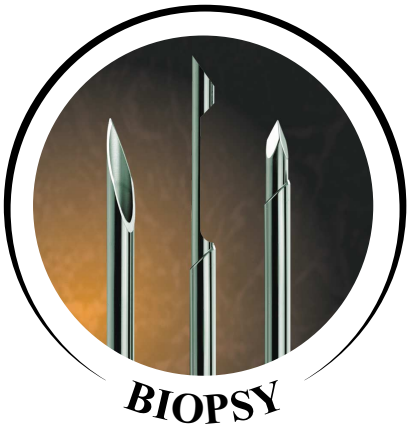
NOTES

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

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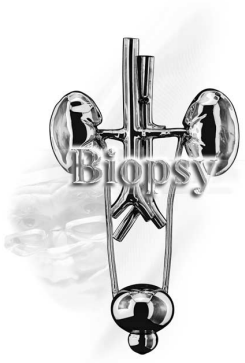
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BARD



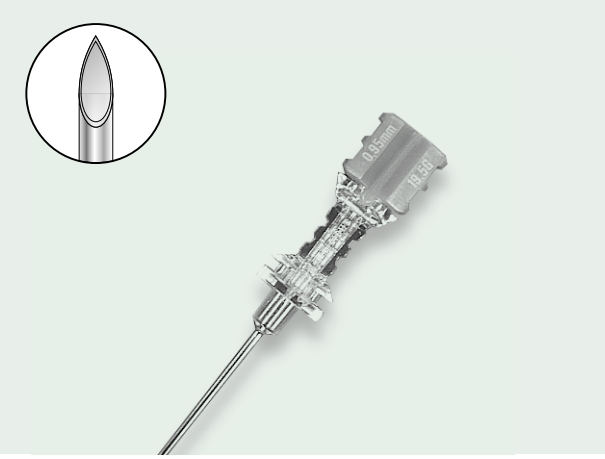
CONTENTS

Chiba needle	2
Chiba needle -MS	3
Cut biopsy needle	4
Cut biopsy needle -MS	5
Vacu-Cut® needle	6
Hist-O-Cyt needle	7
Autovac®	8
Autovac® - Transrectal prostate biopsy set	9
Unicut® needle	10
Franzen-set	11

CHIBA NEEDLE

CHIBA NEEDLE

- For percutaneous cholangiography, cytological biopsy and routine percutaneous applications



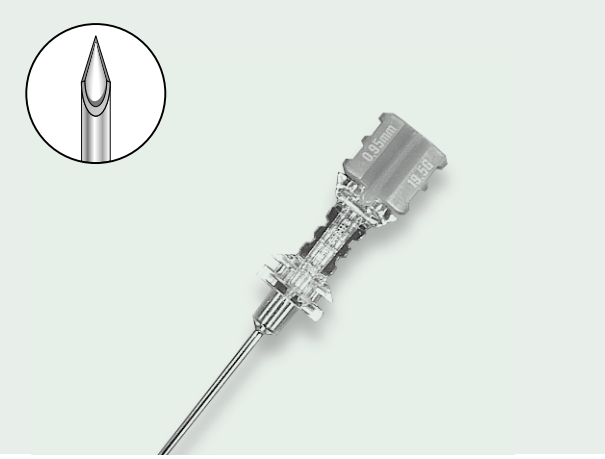
Type	Ø [mm / G]	Length [mm]	Version	Order-No.
Chiba needle	0.6 / 23	90	2-part	**16150040**
		120	2-part	**16150060**
		150	2-part	**16150070**
		220	2-part	**16150090**
	0.7 / 22	90	2-part	**16160040**
		120	2-part	**16160060**
		150	2-part	**16160070**
		220	2-part	**16160090**
		280	2-part	**16160100**
		400	2-part	**16160110**
	0.95 / 19.5	90	2-part	**16180040**
		120	2-part	**16180060**
		150	2-part	**16180070**
		220	2-part	**16180090**
		280	2-part	**16180100**
		400	2-part	**16180110**

Minimum order quantity: 10 units

CHIBA NEEDLE -MS

CHIBA NEEDLE - MS

- For percutaneous cholangiography, cytological biopsy and routine percutaneous applications.
- Highly visible tip under ultrasound guidance (double reflex).
- The outer cannula features a special MS-cut with a rounded obturator for better echogenicity.



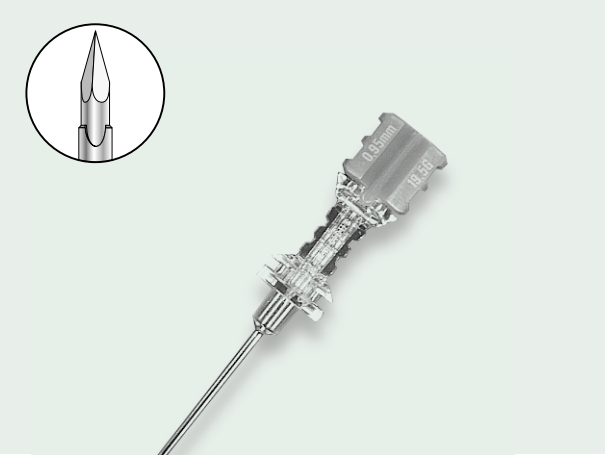
Type	Ø [mm / G]	Length [mm]	Version	Order-No.
Chiba needle - MS	0.6 / 23	90	2-part	**16300040**
		120	2-part	**16300060**
		150	2-part	**16300070**
		220	2-part	**16300090**
		280	2-part	**16300100**
	0.7 / 22	90	2-part	**16310040**
		120	2-part	**16310060**
		150	2-part	**16310070**
		220	2-part	**16310090**
		280	2-part	**16310100**
		400	2-part	**16310110**
	0.95 / 19.5	90	2-part	**16330040**
		120	2-part	**16330060**
		150	2-part	**16330070**
		220	2-part	**16330090**
		280	2-part	**16330100**
		400	2-part	**16330110**
	1.2 / 18	150	2-part	**16350070**

Minimum order quantity: 10 units

CUT BIOPSY NEEDLE

CUT BIOPSY NEEDLE

- For histological biopsy with a fine needle to reduce the risk of complications.



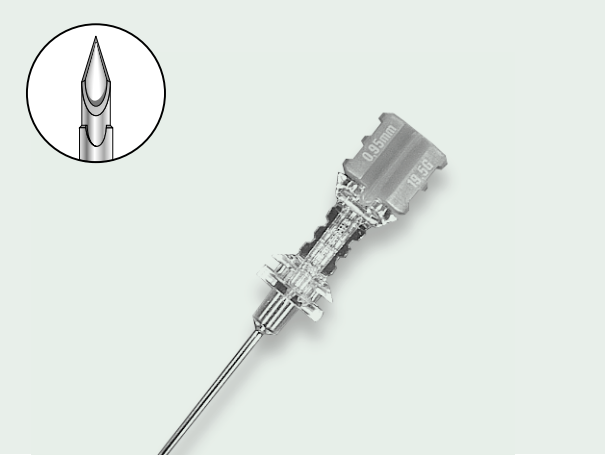
Type	Ø [mm / G]	Length [mm]	Order-No.
Cut biopsy needle	0.8 / 21	50	**16900010**
		100	**16900050**
		150	**16900070**
		200	**16900080**
	0.95 / 19.5	50	**16910010**
		100	**16910050**
		150	**16910070**
		200	**16910080**
		280	**16910100**
	1.20 / 18	50	**16930010**
		100	**16930050**
		150	**16930070**
		200	**16930080**
		280	**16930100**
		400	**16930110**
	1.40 / 17	150	**16950070**
	1.60 / 16	100	**16951050**
		150	**16951070**
		200	**16951080**

Minimum order quantity: 10 units

CUT BIOPSY NEEDLE - MS

CUT BIOPSY NEEDLE - MS

- For histological biopsy with a fine needle to reduce the risk of complications.
- Highly visible tip under ultrasound guidance (double reflex)



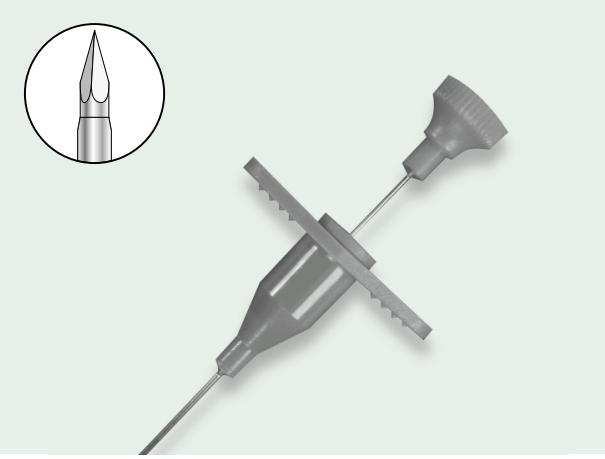
Type	Ø [mm / G]	Length [mm]	Order-No.
Cut biopsy needle - MS	0.8 / 21	100	**17000050**
		150	**17000070**
		200	**17000080**
	0.95 / 19.5	100	**17010050**
		150	**17010070**
		200	**17010080**
	1.20 / 18	100	**17030050**
		150	**17030070**
		200	**17030080**
		280	**17030100**

Minimum order quantity: 10 units

VACU-CUT® NEEDLE

VACU-CUT® NEEDLE

- For histological biopsy with a fine needle to reduce the risk of complications.
- This unique cannula features a sealing membrane located in the needle hub which permits strong negative pressure when the stylet is withdrawn.

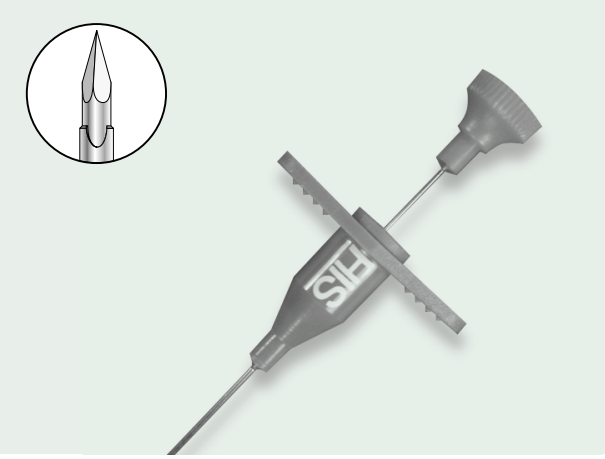


Type / Description	Ø [mm / G]	Length [mm]	Order-No.
Vacu-Cut® needle		100	**17600050**
	0.7 / 22	150	**17600070**
		200	**17600080**
		100	**17610050**
	0.8 / 21	150	**17610070**
		200	**17610080**
		100	**17620050**
	0.95 / 19.5	150	**17620070**
		200	**17620080**
		50	**17640010**
		100	**17640050**
	1.20 / 18	150	**17640070**
		200	**17640080**

Minimum order quantity: 10 units

HIST-O-CYT NEEDLE

- A combination of the universally-accepted cut-biopsy technique and the self-aspirating Vacu-Cut needle.
- For histological biopsy with a fine needle to reduce the risk of complications.



Type	Ø [mm / G]	Length [mm]	Order-No.
Hist-O-Cyt needle	0.8 / 21	100	**17200050**
		150	**17200070**
		200	**17200080**
	0.95 / 19.5	100	**17210050**
		150	**17210070**
		200	**17210080**
	1.20 / 18	100	**17230050**
		150	**17230070**
		200	**17230080**

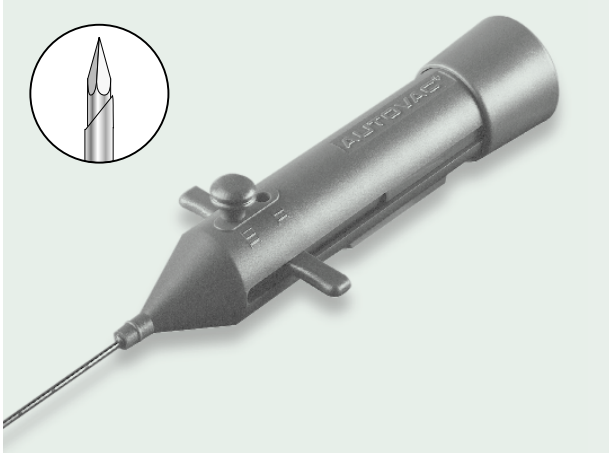
Minimum order quantity: 10 units

AUTOVAC®

The physician´s product of choice for obtaining biopsy specimens.

AUTOVAC®

- Improvement of the Menghini method through an automated biopsy process under vacuum.
- Largest possible cores through full cut technique.
- Easy handling due to light weight construction.





size specifications are given on the end of the grip



partial cut biopsy with Unicut®



full cut biopsy with Autovac®

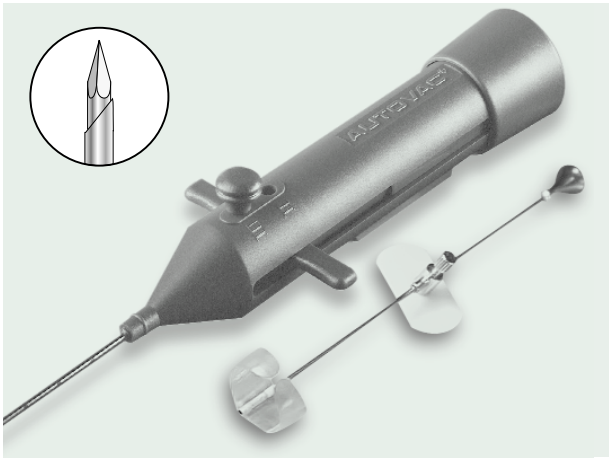
Type	Ø [mm / G]	Length [mm]	Order-No.
Autovac®		100	**17581151**
	0.8 / 21	150	**17581171**
		200	**17581181**
		50	**17581231**
		100	**17581251**
	0.95 / 19.5	150	**17581271**
		200	**17581281**
		100	**17581351**
	1.20 / 18	150	**17581371**
		200	**17581381**
		100	**17581451**
	1.40 / 17	150	**17581471**
		200	**17581481**

Minimum order quantity: 10 units

AUTOVAC® - PROSTATIC SET

AUTOVAC® PROSTATIC SET

- The product of choice for transrectal biopsy of the prostate.
- Painless puncture (the process takes only a fraction of a second).
- Easy handling due to light weight construction.
- Largest possible cores through full cut technique.
- Recommended needle size for biopsy of the prostate gland: 1.20 mm



Set components:

- Autovac biopsy device
- Franzen-set

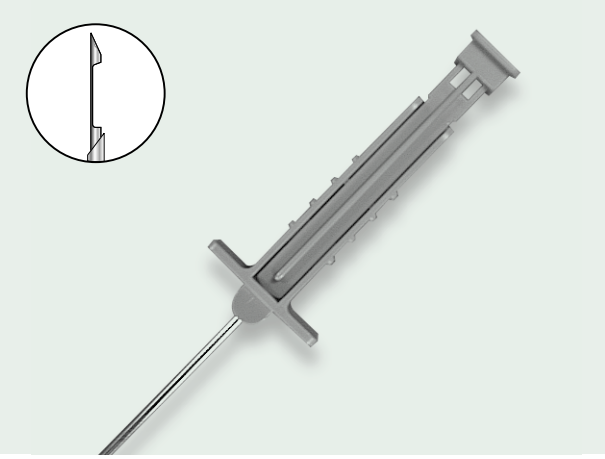
Type	Ø [mm / G]	Needle length [mm]	Franzen-Set length [mm]	**Order-No.**
Autovac® prostatic set	1.20 / 18	200	165	**17561380**
	1.40 / 17	200	165	**17561480**

Minimum order quantity: 10 units

UNICUT® NEEDLE

UNICUT® NEEDLE

- For histological biopsy.

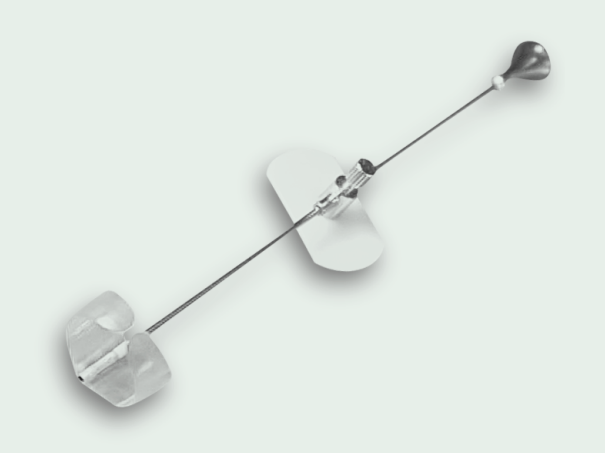


Type	Ø [mm / G]	Length [mm]	Order-No.
Unicut® needle	1.20 / 18	75	**17420020**
		115	**17420060**
		150	**17420070**
		200	**17420080**
	1.40 / 17	75	**17440020**
		115	**17440060**
		150	**17440070**
		200	**17440080**
	1.60 / 16	75	**17460020**
		115	**17460060**
		150	**17460070**
		200	**17460080**
	2.10 / 14	75	**17500020**
		115	**17500060**
		150	**17500070**
		200	**17500080**

Minimum order quantity: 10 units

FRANZEN-SET

- Guide for the trans-rectal prostate biopsy, which can be manually adjusted by the examiner to fit the individual anatomic requirements.



Type	Order-No.
Franzen-set:	
accepts biopsy needles up to Ø 1.20 mm, 18 G	**18300020**
	Minimum order quantity: 10 units

Please consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and directions for use.

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