

REINFORCEMENT CAGES BURCH-SCHNEIDER AND MÜLLER



Biodynamics medical technology is the centre of excellence in the area of endoprosthetics and is specialised in joint implants and instruments.



CUSTOMER ORIENTATION AS A MATTER OF PRINCIPLE

We stand for medical devices based on the latest medical and technical developments. Extensive investments in high-tech facilities in the past years have enabled us to work with innovative procedures today. High-quality materials guarantee the quality our customers expect from us.

We have also applied our comprehensive knowledge in the field of endoprosthetics to develop our own OEM product range: Customer-oriented implant systems and instruments for a dependable supply of standard products.

Many of our customers complement their range of products with these systems. They rely on market-ready products which ensure an optimal combination of state-of-the-art medical standards with cost-effectiveness and flexibility. Over many decades of use, the implants have been shown to be safe.

All components are supplied in sterile packaging and labelled - in your individual packaging design, if desired. Combined with the surgical instruments, which are synchronised exactly with the implants, we provide a complete package.

For more than 75 years, quality, cost-effectiveness and reliability have formed the cornerstone of our continued success.

REINFORCEMENT CAGES BURCH-SCHNEIDER AND MÜLLER

For an optimal reconstruction
of the acetabulum



Burch-Schneider

The Burch-Schneider reinforcement cage is made of grade 1 titanium in accordance with ISO 5832-2 and is available in 4 sizes, from size 44 to 62 in increments of 6 mm, both in a left and right variant. These sizes correspond to the diameter of the polyethylene cups that are inserted into the respective reinforcement cage. A cement coating of 1 mm is achieved between the reinforcement cage and the polyethylene cup. Therefore, the actual outside diameter of the reinforcement cage is 6 mm larger than the size indicated.

The Burch-Schneider reinforcement cage has a cranial and a caudal tab. The cranial tab is used for attaching the cage to the ilium. The caudal tab is driven into the ischium. Alternatively, the caudal tab can also be screwed into the ischium. The Burch-Schneider reinforcement cage can be used to bridge a severely damaged acetabulum and to attach it to the healthy, stable bone.



Müller

For about 30 years, cages based on the Müller principle have been used in revision surgeries or surgeries to treat defects of the acetabulum in order to achieve stable fixation in the healthy bone and to reconstruct the anatomical centre of rotation.

Its purpose is to reconstruct and preserve the hip joint and its mobility and load-bearing capacity.

The Müller reinforcement cage is available in nine sizes, from size 42 to 58 in increments of 2 mm. These sizes correspond to the diameter of the polyethylene cups that are inserted into the respective reinforcement cage. A cement coating of 1 mm is achieved between the reinforcement cage and the polyethylene cup. Therefore, the actual outside diameter of the reinforcement cage is 6 mm larger than the size indicated.

The Müller reinforcement cage has a cranial rim which is attached to the ilium. If the acetabulum is damaged, the reinforcement cage can be used to bridge the defect and the supportive cup can be attached to the healthy and stable bone.

REINFORCEMENT CAGES
BURCH-SCHNEIDER AND
MÜLLER

Titanium, ISO 5832-2, Grade 1



TITANIUM, ISO 5832-2, GRADE 1

The reinforcement cages are manufactured from unalloyed titanium (ISO 5832-2 Grade 1). The outer surfaces of the supportive cups are rough, while the inner surfaces are smooth-blasted.

Its high fatigue strength, elasticity and malleability make this material particularly suitable for the manufacture of revision cups.

The rough-blasted surface allows the cup to join with the surrounding bone to become a solid and very strong supporting unit, thus promoting growth of the implant into the bone. The material is tolerated very well by the tissue thanks to its excellent biocompatibility.

Reinforcement Cage
Burch-Schneider and Müller



Burch-Schneider Reinforcement
Cage, Titanium, ISO 5832-2, Grade 1

Size	Art.-no.
44 R (outer ø 50)	367-1418
44 L (outer ø 50)	367-1419
50 R (outer ø 56)	367-1420
50 L (outer ø 56)	367-1421
56 R (outer ø 62)	367-1422
56 L (outer ø 62)	367-1423
62 R (outer ø 68)	367-1424
62 L (outer ø 68)	367-1425



Müller Reinforcement Cage,
Titanium, ISO 5832-2, Grade 1

Size	Art.-no.
42 (outer ø 48)	367-1467
44 (outer ø 50)	367-1468
46 (outer ø 52)	367-1469
48 (outer ø 54)	367-1470
50 (outer ø 56)	367-1471
52 (outer ø 58)	367-1472
54 (outer ø 60)	367-1473
56 (outer ø 62)	367-1474
58 (outer ø 64)	367-1475



Flat head screw, ISO 5832-3
TiAl6V4 self-tapping, ø 6.5 mm

Length	Art.-no.
15 mm	000-290-15
20 mm	000-290-20
25 mm	000-290-25
30 mm	000-290-30
35 mm	000-290-35
40 mm	000-290-40
45 mm	000-290-45
50 mm	000-290-50
55 mm	000-290-55
60 mm	000-290-60

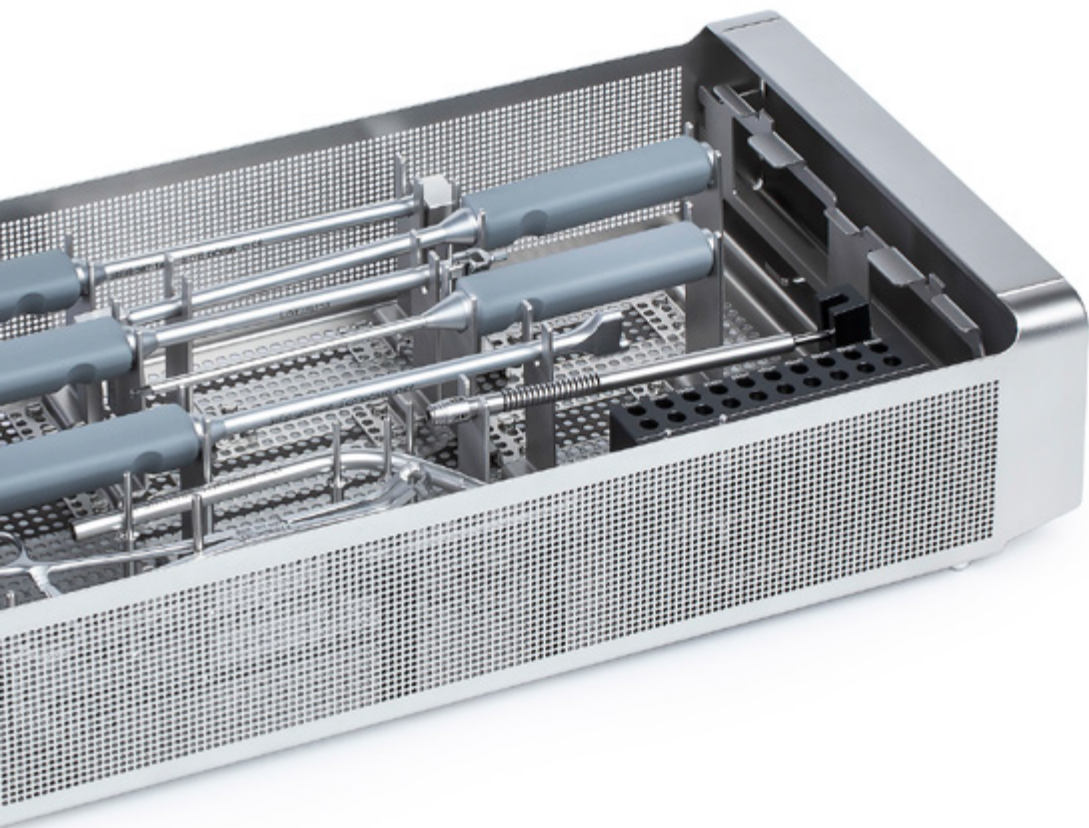
WE RECOMMEND



Müller II Cup with a CoCrMo femoral
head and the Müller Straight Stem

REINFORCEMENT CAGES
BURCH-SCHNEIDER
AND MÜLLER

A well-designed instrument
set to ensure successful
implantation



INSTRUMENT SET

A compact instrument set is available to ensure successful implantation of the reinforcement cage. The set also includes a selection of trial cages made of titanium as well as a modern, ergonomically shaped SoftVarit silicone handle system that meets all cleaning and sterilisation requirements. There is no gap between the metal core and the handle.

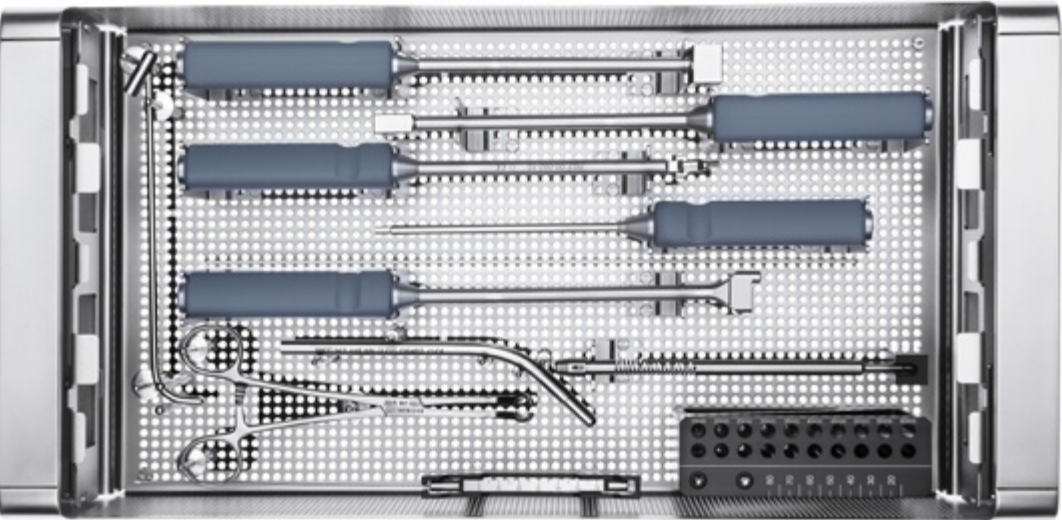


MONOLITE TRAYS

Both instrument sets can be supplied in our Monolite trays. The instrument trays are cast in one piece from premium grade stainless steel. Their high thermal and chemical resilience and the use of the transport covers as lids make transport and sterilisation particularly easy. The system is characterised by its light weight and can be stacked as desired. The optimal positioning of the retaining elements in the hole matrix ensures a smooth workflow during any surgical procedure. In the trays, a shaded layout facilitates the arrangement of the instruments.

Art.-no. 367-1482

Instrument Set for Reinforcement Cages
Burch-Schneider



- Tray Instruments Reinforcement Cage (empty)

Art.-no. 367-1480
- Lid for Monolite Tray

Art.-no. 452-013

- Bending Instrument with Silicone Handle

Art.-no. 367-1434 | Sz. 10



- Bending Instrument with Silicone Handle

Art.-no. 367-1435 | Sz. 20



- Insertion Ram with Silicone Handle

Art.-no. 367-1436



- Cardan Screw Driver with Silicone Handle

Art.-no. 00-092-10 | Wrench Size 3,5mm, L: 273mm, grey



- Hexagon Screw Driver with Silicone Handle

Art.-no. 250161-5 | SW 3,5mm, L: 250mm, grey



- FlexiBit-Shaft

Art.-no. 367-1458 | Sz.1, L:180mm



FlexiBit-Drill		Art.-no.
Size		
1	ø 3,2x50x40	367-1450
1	ø 3,2x60x50	367-1451

- Screw Measuring Instrument Curved

Art.-no. 367-115 | Angle: 135°, L: 232mm



- Screw Holding Forcep

Art.-no. 367-1021



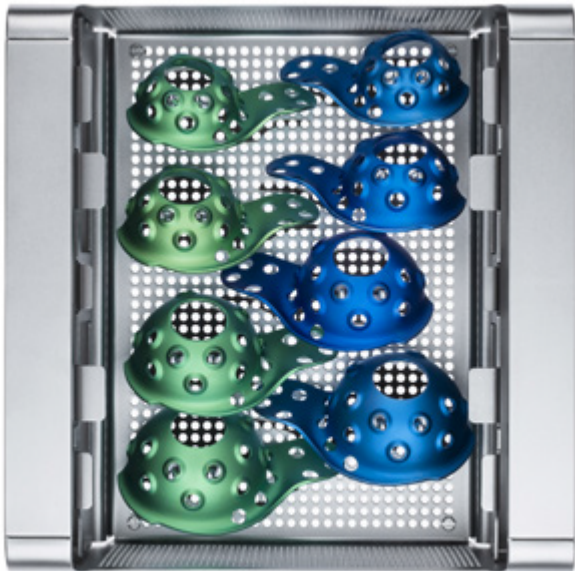
- Drill Guide for Screws

Art.-no. 367-165 | ø 3,2mm, L: 185mm



Art.-no. 367-1483

Trial Reinforcement Cages for Burch-Schneider



Trial Reinforcement Cages



Trial Reinforcement Cages

Size	Art.-no.
44L	367-1427
44 R	367-1426
50 L	367-1428
50 R	367-1429
56 L	367-1431
56 R	367-1430
62 L	367-1432
62 R	367-1433

Tray Trial Reinforcement Cages (empty)

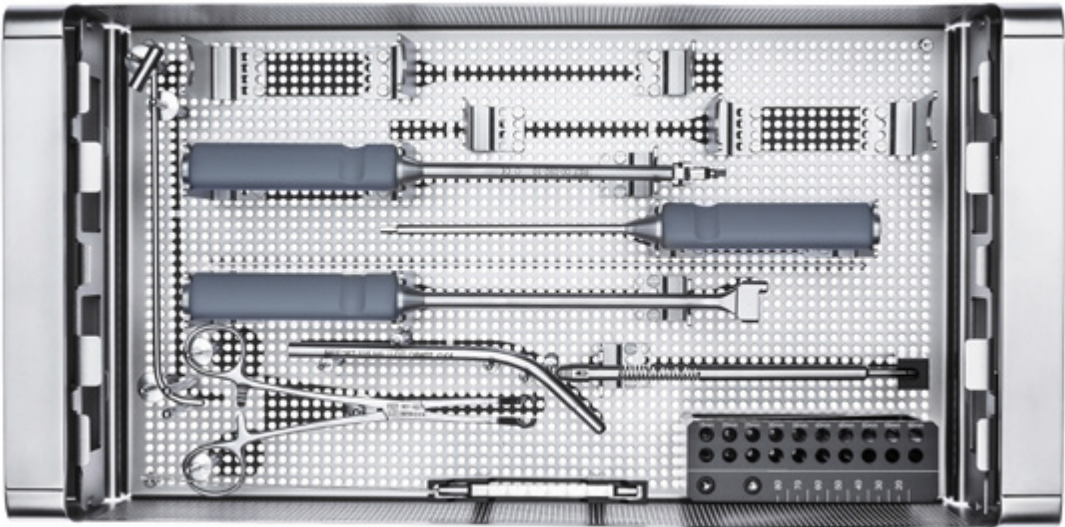
Art.-no. 367-1481

Lid for Monolite Tray

Art.-no. 452-013

Art.-no. 367-1484

Basic Instrument Set for Reinforcement Cages Müller



Tray Instruments Reinforcement Cage (empty)
Art.-no. 367-1480

Lid for Monolite Tray
Art.-no. 452-013

Insertion Ram with Silicone Handle
Art.-no. 367-1436



Cardan Screw Driver with Silicone Handle
Art.-no. 00-092-10 | Wrench Size 3,5mm, L: 273mm, grey



Hexagon Screw Driver with Silicone Handle
Art.-no. 250161-5 | SW 3,5mm, L: 250mm, grey



FlexiBit-Shaft
Art.-no. 367-1458 | Sz.1, L:180mm



FlexiBit-Drill		
Size		Art.-no.
1	ø 3,2x50x40	367-1450
1	ø 3,2x60x50	367-1451

Screw Measuring Instrument Curved
Art.-no. 367-115 | Angle: 135°, L: 232mm



Screw Holding Forcep
Art.-no. 367-1021

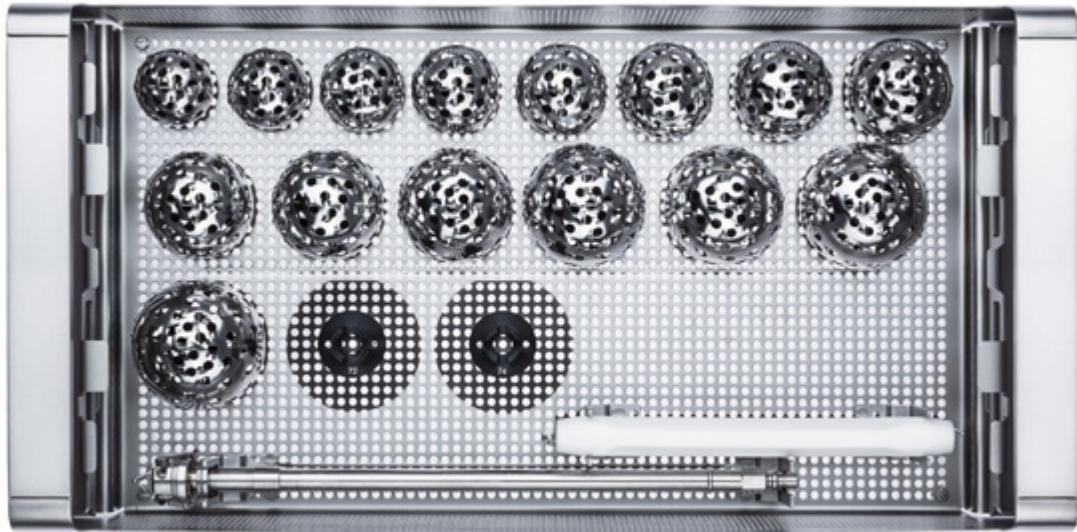


Drill Guide for Screws
Art.-no. 367-165 | ø 3,2mm, L: 185mm



Art. no. 367-147

Instrument Set Acetabulum Reamer

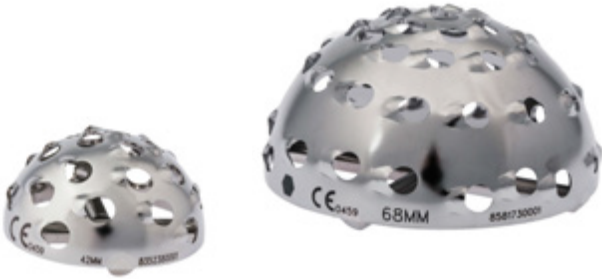


WE RECOMMEND
Art.-no. 349-104 | Prima Curve with
AO-connection
Art.-no. 349-106 | Handle for Prima Curve

Prima Straight with AO-connector (2-piece)
Art. no. 506-516



Acetabulum reamer
42-74 mm



Acetabulum reamer

Size	Art. no.
ø 42 mm	506-515
ø 44 mm	506-501
ø 46 mm	506-502
ø 48 mm	506-503
ø 50 mm	506-504
ø 52 mm	506-505
ø 54 mm	506-506
ø 56 mm	506-507
ø 58 mm	506-508
ø 60 mm	506-509
ø 62 mm	506-510
ø 64 mm	506-511
ø 66 mm	506-512
ø 68 mm	506-513
ø 70 mm	506-514
ø 72 mm	506-517
ø 74 mm	506-518

Tray Acetabulum Reamer (empty)
Art.-no. 367-150

Tray lid
Art.-no. 452-013



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Disclaimer

This product brochure is intended exclusively for specialists in medical technology.

It is not meant as information for medical lay persons. The explanations about the products contained in the brochure are general explanations and do not constitute medical advice.

The product information was created and compiled by medical experts and technically qualified employees of Biodynamics to the best of their knowledge.

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