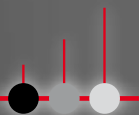


DIG
med



Vertrieb von Katalogen und
Digitalfotografien für die Medizintechnik



Osteosynthesis

Knochennagelung
Bone Nailing
Enclavamiento de hueso

Knochennagelung

Bone Nailing

Enclavamiento de hueso

Küntscher Nagel für Oberschenkel mit einem Loch

Küntscher Medullary Nail for Femur single slot

Clavo de Küntscher intramedular para Femur con un agujero



Dia Length	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm	16 mm	17 mm	18 mm
14 cm	50-106-14	50-107-14	50-108-14	50-109-14	50-110-14	50-111-14	50-112-14	50-113-14	50-114-14	50-115-14	50-116-14	50-117-14	50-118-14
16 cm	50-106-16	50-107-16	50-108-16	50-109-16	50-110-16	50-111-16	50-112-16	50-113-16	50-114-16	50-115-16	50-116-16	50-117-16	50-118-16
18 cm	50-106-18	50-107-18	50-108-18	50-109-18	50-110-18	50-111-18	50-112-18	50-113-18	50-114-18	50-115-18	50-116-18	50-117-18	50-118-18
20 cm	50-106-20	50-107-20	50-108-20	50-109-20	50-110-20	50-111-20	50-112-20	50-113-20	50-114-20	50-115-20	50-116-20	50-117-20	50-118-20
22 cm	50-106-22	50-107-22	50-108-22	50-109-22	50-110-22	50-111-22	50-112-22	50-113-22	50-114-22	50-115-22	50-116-22	50-117-22	50-118-22
24 cm	50-106-24	50-107-24	50-108-24	50-109-24	50-110-24	50-111-24	50-112-24	50-113-24	50-114-24	50-115-24	50-116-24	50-117-24	50-118-24
26 cm	50-106-26	50-107-26	50-108-26	50-109-26	50-110-26	50-111-26	50-112-26	50-113-26	50-114-26	50-115-26	50-116-26	50-117-26	50-118-26
28 cm	50-106-28	50-107-28	50-108-28	50-109-28	50-110-28	50-111-28	50-112-28	50-113-28	50-114-28	50-115-28	50-116-28	50-117-28	50-118-28
30 cm	50-106-30	50-107-30	50-108-30	50-109-30	50-110-30	50-111-30	50-112-30	50-113-30	50-114-30	50-115-30	50-116-30	50-117-30	50-118-30
32 cm	50-106-32	50-107-32	50-108-32	50-109-32	50-110-32	50-111-32	50-112-32	50-113-32	50-114-32	50-115-32	50-116-32	50-117-32	50-118-32
34 cm	50-106-34	50-107-34	50-108-34	50-109-34	50-110-34	50-111-34	50-112-34	50-113-34	50-114-34	50-115-34	50-116-34	50-117-34	50-118-34
36 cm	50-106-36	50-107-36	50-108-36	50-109-36	50-110-36	50-111-36	50-112-36	50-113-36	50-114-36	50-115-36	50-116-36	50-117-36	50-118-36
38 cm	50-106-38	50-107-38	50-108-38	50-109-38	50-110-38	50-111-38	50-112-38	50-113-38	50-114-38	50-115-38	50-116-38	50-117-38	50-118-38
40 cm	50-106-40	50-107-40	50-108-40	50-109-40	50-110-40	50-111-40	50-112-40	50-113-40	50-114-40	50-115-40	50-116-40	50-117-40	50-118-40
42 cm	50-106-42	50-107-42	50-108-42	50-109-42	50-110-42	50-111-42	50-112-42	50-113-42	50-114-42	50-115-42	50-116-42	50-117-42	50-118-42
44 cm	50-106-44	50-107-44	50-108-44	50-109-44	50-110-44	50-111-44	50-112-44	50-113-44	50-114-44	50-115-44	50-116-44	50-117-44	50-118-44
46 cm	50-106-46	50-107-46	50-108-46	50-109-46	50-110-46	50-111-46	50-112-46	50-113-46	50-114-46	50-115-46	50-116-46	50-117-46	50-118-46
48 cm	50-106-48	50-107-48	50-108-48	50-109-48	50-110-48	50-111-48	50-112-48	50-113-48	50-114-48	50-115-48	50-116-48	50-117-48	50-118-48
50 cm	50-106-50	50-107-50	50-108-50	50-109-50	50-110-50	50-111-50	50-112-50	50-113-50	50-114-50	50-115-50	50-116-50	50-117-50	50-118-50
52 cm	50-106-52	50-107-52	50-108-52	50-109-52	50-110-52	50-111-52	50-112-52	50-113-52	50-114-52	50-115-52	50-116-52	50-117-52	50-118-52

Küntscher Nagel für Oberschenkel mit Doppel - Loch
Küntscher Medullary Nail for Femur double slot
Clavo de Küntscher intramedular para Femur con doble agujero



Dia Length	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm	16 mm	17 mm	18 mm
14 cm	50-206-14	50-207-14	50-208-14	50-209-14	50-210-14	50-211-14	50-212-14	50-213-14	50-214-14	50-215-14	50-216-14	50-217-14	50-218-14
16 cm	50-206-16	50-207-16	50-208-16	50-209-16	50-210-16	50-211-16	50-212-16	50-213-16	50-214-16	50-215-16	50-216-16	50-217-16	50-218-16
18 cm	50-206-18	50-207-18	50-208-18	50-209-18	50-210-18	50-211-18	50-212-18	50-213-18	50-214-18	50-215-18	50-216-18	50-217-18	50-218-18
20 cm	50-206-20	50-207-20	50-208-20	50-209-20	50-210-20	50-211-20	50-212-20	50-213-20	50-214-20	50-215-20	50-216-20	50-217-20	50-218-20
22 cm	50-206-22	50-207-22	50-208-22	50-209-22	50-210-22	50-211-22	50-212-22	50-213-22	50-214-22	50-215-22	50-216-22	50-217-22	50-218-22
24 cm	50-206-24	50-207-24	50-208-24	50-209-24	50-210-24	50-211-24	50-212-24	50-213-24	50-214-24	50-215-24	50-216-24	50-217-24	50-218-24
26 cm	50-206-26	50-207-26	50-208-26	50-209-26	50-210-26	50-211-26	50-212-26	50-213-26	50-214-26	50-215-26	50-216-26	50-217-26	50-218-26
28 cm	50-206-28	50-207-28	50-208-28	50-209-28	50-210-28	50-211-28	50-212-28	50-213-28	50-214-28	50-215-28	50-216-28	50-217-28	50-218-28
30 cm	50-206-30	50-207-30	50-208-30	50-209-30	50-210-30	50-211-30	50-212-30	50-213-30	50-214-30	50-215-30	50-216-30	50-217-30	50-218-30
32 cm	50-206-32	50-207-32	50-208-32	50-209-32	50-210-32	50-211-32	50-212-32	50-213-32	50-214-32	50-215-32	50-216-32	50-217-32	50-218-32
34 cm	50-206-34	50-207-34	50-208-34	50-209-34	50-210-34	50-211-34	50-212-34	50-213-34	50-214-34	50-215-34	50-216-34	50-217-34	50-218-34
36 cm	50-206-36	50-207-36	50-208-36	50-209-36	50-210-36	50-211-36	50-212-36	50-213-36	50-214-36	50-215-36	50-216-36	50-217-36	50-218-36
38 cm	50-206-38	50-207-38	50-208-38	50-209-38	50-210-38	50-211-38	50-212-38	50-213-38	50-214-38	50-215-38	50-216-38	50-217-38	50-218-38
40 cm	50-206-40	50-207-40	50-208-40	50-209-40	50-210-40	50-211-40	50-212-40	50-213-40	50-214-40	50-215-40	50-216-40	50-217-40	50-218-40
42 cm	50-206-42	50-207-42	50-208-42	50-209-42	50-210-42	50-211-42	50-212-42	50-213-42	50-214-42	50-215-42	50-216-42	50-217-42	50-218-42
44 cm	50-206-44	50-207-44	50-208-44	50-209-44	50-210-44	50-211-44	50-212-44	50-213-44	50-214-44	50-215-44	50-216-44	50-217-44	50-218-44
46 cm	50-206-46	50-207-46	50-208-46	50-209-46	50-210-46	50-211-46	50-212-46	50-213-46	50-214-46	50-215-46	50-216-46	50-217-46	50-218-46
48 cm	50-206-48	50-207-48	50-208-48	50-209-48	50-210-48	50-211-48	50-212-48	50-213-48	50-214-48	50-215-48	50-216-48	50-217-48	50-218-48
50 cm	50-206-50	50-207-50	50-208-50	50-209-50	50-210-50	50-211-50	50-212-50	50-213-50	50-214-50	50-215-50	50-216-50	50-217-50	50-218-50
52 cm	50-206-52	50-207-52	50-208-52	50-209-52	50-210-52	50-211-52	50-212-52	50-213-52	50-214-52	50-215-52	50-216-52	50-217-52	50-218-52

Knochennagelung

Bone Nailing

Enclavamiento de hueso

Küntscher Nagel für Unterschenkel und Oberarm Küntscher Intramedullary Nail for Humerus and Tibia Clavo de Küntscher intramedular para humero y tibia



Dia Length	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm	16 mm	17 mm	18 mm
14 cm	50-306-14	50-307-14	50-308-14	50-309-14	50-310-14	50-311-14	50-312-14	50-313-14	50-314-14	50-315-14	50-316-14	50-317-14	50-318-14
16 cm	50-306-16	50-307-16	50-308-16	50-309-16	50-310-16	50-311-16	50-312-16	50-313-16	50-314-16	50-315-16	50-316-16	50-317-16	50-318-16
18 cm	50-306-18	50-307-18	50-308-18	50-309-18	50-310-18	50-311-18	50-312-18	50-313-18	50-314-18	50-315-18	50-316-18	50-317-18	50-318-18
20 cm	50-306-20	50-307-20	50-308-20	50-309-20	50-310-20	50-311-20	50-312-20	50-311-20	50-314-20	50-315-20	50-316-20	50-317-20	50-318-20
22 cm	50-306-22	50-307-22	50-308-22	50-309-22	50-310-22	50-311-22	50-312-22	50-313-22	50-314-22	50-315-22	50-316-22	50-317-22	50-318-22
24 cm	50-306-24	50-307-24	50-308-24	50-309-24	50-310-24	50-311-24	50-312-24	50-313-24	50-314-24	50-315-24	50-316-24	50-317-24	50-318-24
26 cm	50-306-26	50-307-26	50-308-26	50-309-26	50-310-26	50-311-26	50-312-26	50-313-26	50-314-26	50-315-26	50-316-26	50-317-26	50-318-26
28 cm	50-306-28	50-307-28	50-308-28	50-309-28	50-310-28	50-311-28	50-312-28	50-313-28	50-314-28	50-315-28	50-316-28	50-317-28	50-318-28
30 cm	50-306-30	50-307-30	50-308-30	50-309-30	50-310-30	50-311-30	50-312-30	50-313-30	50-314-30	50-315-30	50-316-30	50-317-30	50-318-30
32 cm	50-306-32	50-307-32	50-308-32	50-309-32	50-310-32	50-311-32	50-312-32	50-313-32	50-314-32	50-315-32	50-316-32	50-317-32	50-318-32
34 cm	50-306-34	50-307-34	50-308-34	50-309-34	50-310-34	50-311-34	50-312-34	50-313-34	50-314-34	50-315-34	50-316-34	50-317-34	50-318-34
36 cm	50-306-36	50-307-36	50-308-36	50-309-36	50-310-36	50-311-36	50-312-36	50-313-36	50-314-36	50-315-36	50-316-36	50-317-36	50-318-36
38 cm	50-306-38	50-307-38	50-308-38	50-309-38	50-310-38	50-311-38	50-312-38	50-313-38	50-314-38	50-315-38	50-316-38	50-317-38	50-318-38
40 cm	50-306-40	50-307-40	50-308-40	50-309-40	50-310-40	50-311-40	50-312-40	50-313-40	50-314-40	50-315-40	50-316-40	50-317-40	50-318-40
42 cm	50-306-42	50-307-42	50-308-42	50-309-42	50-310-42	50-311-42	50-312-42	50-313-42	50-314-42	50-315-42	50-316-42	50-317-42	50-318-42
44 cm	50-306-44	50-307-44	50-308-44	50-309-44	50-310-44	50-311-44	50-312-44	50-313-44	50-314-44	50-315-44	50-316-44	50-317-44	50-318-44
46 cm	50-306-46	50-307-46	50-308-46	50-309-46	50-310-46	50-311-46	50-312-46	50-313-46	50-314-46	50-315-46	50-316-46	50-317-46	50-318-46
48 cm	50-306-48	50-307-48	50-308-48	50-309-48	50-310-48	50-311-48	50-312-48	50-313-48	50-314-48	50-315-48	50-316-48	50-317-48	50-318-48
50 cm	50-306-50	50-307-50	50-308-50	50-309-50	50-310-50	50-311-50	50-312-50	50-313-50	50-314-50	50-315-50	50-316-50	50-317-50	50-318-50
52 cm	50-306-52	50-307-52	50-308-52	50-309-52	50-310-52	50-311-52	50-312-52	50-313-52	50-314-52	50-315-52	50-316-52	50-317-52	50-318-52

Küntscher Nagel für Unterschenkel und Oberarm
Küntscher Intramedullary Nail for Humerus and Tibia
Clavo de Küntscher intramedular para humero y tibia



Dia Length	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm	16 mm	17 mm	18 mm
14 cm	50-406-14	50-407-14	50-408-14	50-409-14	50-410-14	50-411-14	50-412-14	50-413-14	50-414-14	50-415-14	50-416-14	50-417-14	50-418-14
16 cm	50-406-16	50-407-16	50-408-16	50-409-16	50-410-16	50-411-16	50-412-16	50-413-16	50-414-16	50-415-16	50-416-16	50-417-16	50-418-16
18 cm	50-406-18	50-407-18	50-408-18	50-409-18	50-410-18	50-411-18	50-412-18	50-413-18	50-414-18	50-415-18	50-416-18	50-417-18	50-418-18
20 cm	50-406-20	50-407-20	50-408-20	50-409-20	50-410-20	50-411-20	50-412-20	50-413-20	50-414-20	50-415-20	50-416-20	50-417-20	50-418-20
22 cm	50-406-22	50-407-22	50-408-22	50-409-22	50-410-22	50-411-22	50-412-22	50-413-22	50-414-22	50-415-22	50-416-22	50-417-22	50-418-22
24 cm	50-406-24	50-407-24	50-408-24	50-409-24	50-410-24	50-411-24	50-412-24	50-413-24	50-414-24	50-415-24	50-416-24	50-417-24	50-418-24
26 cm	50-406-26	50-407-26	50-408-26	50-409-26	50-410-26	50-411-26	50-412-26	50-413-26	50-414-26	50-415-26	50-416-26	50-417-26	50-418-26
28 cm	50-406-28	50-407-28	50-408-28	50-409-28	50-410-28	50-411-28	50-412-28	50-413-28	50-414-28	50-415-28	50-416-28	50-417-28	50-418-28
30 cm	50-406-30	50-407-30	50-408-30	50-409-30	50-410-30	50-411-30	50-412-30	50-413-30	50-414-30	50-415-30	50-416-30	50-417-30	50-418-30
32 cm	50-406-32	50-407-32	50-408-32	50-409-32	50-410-32	50-411-32	50-412-32	50-413-32	50-414-32	50-415-32	50-416-32	50-417-32	50-418-32
34 cm	50-406-34	50-407-34	50-408-34	50-409-34	50-410-34	50-411-34	50-412-34	50-413-34	50-414-34	50-415-34	50-416-34	50-417-34	50-418-34
36 cm	50-406-36	50-407-36	50-408-36	50-409-36	50-410-36	50-411-36	50-412-36	50-413-36	50-414-36	50-415-36	50-416-36	50-417-36	50-418-36
38 cm	50-406-38	50-407-38	50-408-38	50-409-38	50-410-38	50-411-38	50-412-38	50-413-38	50-414-38	50-415-38	50-416-38	50-417-38	50-418-38
40 cm	50-406-40	50-407-40	50-408-40	50-409-40	50-410-40	50-411-40	50-412-40	50-413-40	50-414-40	50-415-40	50-416-40	50-417-40	50-418-40
42 cm	50-406-42	50-407-42	50-408-42	50-409-42	50-410-42	50-411-42	50-412-42	50-413-42	50-414-42	50-415-42	50-416-42	50-417-42	50-418-42
44 cm	50-406-44	50-407-44	50-408-44	50-409-44	50-410-44	50-411-44	50-412-44	50-413-44	50-414-44	50-415-44	50-416-44	50-417-44	50-418-44
46 cm	50-406-46	50-407-46	50-408-46	50-409-46	50-410-46	50-411-46	50-412-46	50-413-46	50-414-46	50-415-46	50-416-46	50-417-46	50-418-46
48 cm	50-406-48	50-407-48	50-408-48	50-409-48	50-410-48	50-411-48	50-412-48	50-413-48	50-414-48	50-415-48	50-416-48	50-417-48	50-418-48
50 cm	50-406-50	50-407-50	50-408-50	50-409-50	50-410-50	50-411-50	50-412-50	50-413-50	50-414-50	50-415-50	50-416-50	50-417-50	50-418-50
52 cm	50-206-52	50-407-52	50-408-52	50-409-52	50-410-52	50-411-52	50-412-52	50-413-52	50-414-52	50-415-52	50-416-52	50-417-52	50-418-52

Instrumente zur intramedullären Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



50-420-08 Pfriem für Tibia 8 mm
Awl for Tibia 8 mm
Punzon para tibia 8 mm

50-420-10 Pfriem für Femur 10 mm
Awl for Femur 10 mm
Punzon para femur 10 mm



50-430-00 Pfriem
Reamer
Punzon

Instrumente zur intramedullären Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



50-440-00 Hammer geschlitzt
Slotted Hammer
Martillo diapason



50-450-00 Einschläger
Slotted Nail Driver
Percutor recto



50-460-10
Nachschläger für Nägel ø 6 - 10 mm
Nail Driver for Nails ø 6 - 10 mm
Impactor final para clavos ø 6 - 10 mm

50-460-12
Nachschläger für Nägel ø 9 - 12 mm
Nail Driver for Nails ø 9 - 12 mm
Impactor final para clavos ø 9 - 12 mm

50-460-20
Nachschläger für Nägel ø 13 - 20 mm
Nail Driver for Nails ø 13 - 20 mm
Impactor final para clavos ø 13 - 20 mm

Instrumente zur intramedullären Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



Ausziehhaken
Extraction Hook
Extractor de clavos

50-470-29	Ø 5 mm, Long. 29,0 cm
50-470-37	Ø 5 mm, Long. 37,0 cm
50-470-43	Ø 5 mm, Long. 43,0 cm
50-470-51	Ø 5 mm, Long. 51,0 cm



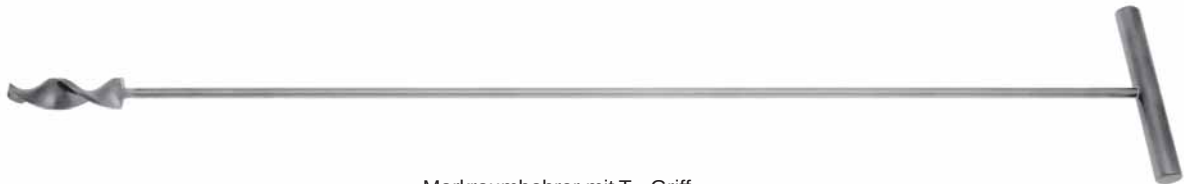
50-480-00 Nagelextractor mit Schlaggewicht mit 2 Haken
Nail Extractor with Sliding Mallet with 2 hooks
Extractor con maza deslizante con 2 ganchos



Flexibler Markraumborher
Flexible Medullary Reamer
Perforadora medular flexible

Ø	6,0 mm 50-506-00	6,5 mm 50-506-05	7,0 mm 50-507-00	7,5 mm 50-507-05	8,0 mm 50-508-00	8,5 mm 50-508-05	
Ø	9,0 mm 50-509-00	9,5 mm 50-509-05	10,0 mm 50-510-00	10,5 mm 50-510-05	11,0 mm 50-511-00	11,5 mm 50-511-05	
Ø	12,0 mm 50-512-00	12,5 mm 50-512-05	13,0 mm 50-513-00	13,5 mm 50-513-05	14,0 mm 50-514-00	14,5 mm 50-514-05	
Ø	15,0 mm 50-515-00	15,5 mm 50-515-05	16,0 mm 50-516-00	16,5 mm 50-516-05	17,0 mm 50-517-00	17,5 mm 50-570-05	18,0 mm 50-518-00

Instrumente zur intramedullären Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



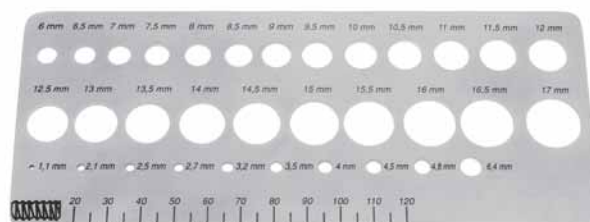
Markraumborher mit T - Griff
Reamer with T - Handle
Perforador medular con mango en T

Ø	6,0 mm 50-520-06	7,0 mm 50-520-07	8,0 mm 50-520-08	9,0 mm 50-520-09	10,0 mm 50-520-10	11,0 mm 50-520-11
Ø	12,0 mm 50-520-12	13,0 mm 50-520-13	14,0 mm 50-520-14	15,0 mm 50-520-15	16,0 mm 50-520-16	17,0 mm 50-520-17
Ø	18,0 mm 50-520-18	19,0 mm 50-520-19	20,0 mm 50-520-20			



Führungsdraht
Guide Pin
Guia conductora

50-530-60	Dia. 3,0 mm, Long. 60,0 cm
50-535-60	Dia. 3,5 mm, Long. 60,0 cm
50-540-60	Dia. 4,0 mm, Long. 60,0 cm
50-550-60	Dia. 5,0 mm, Long. 60,0 cm



50-560-00 Lochlehre für Nägel
Measuring Gauge for Nails
Medidor para Clavos

**Rund - Nägel zur intramedullären Nagelung
Round Pins for intramedullary Nailing
Clavos redondos intramedulares con gancho**



ø 2,4 mm	25 mm 50-600-24	30 mm 50-601-24	40 mm 50-602-24	50 mm 50-603-24	60 mm 50-604-24	65 mm 50-605-24	70 mm 50-606-24
	75 mm 50-607-24	85 mm 50-608-24	90 mm 50-609-24	100 mm 50-610-24	115 mm 50-611-24	125 mm 50-612-24	140 50-613-24
	150 mm 50-614-24	165 mm 50-615-24	180 mm 50-616-24	190 mm 50-617-24	205 mm 50-618-24	215 mm 50-619-24	230 mm 50-620-24
	240 mm 50-621-24	255 mm 50-622-24					
ø 3,2 mm	100 mm 50-630-32	115 mm 50-631-32	125 mm 50-632-32	140 mm 50-633-32	150 mm 50-634-32	165 mm 50-635-32	180 mm 50-636-32
	190 mm 50-637-32	205 mm 50-638-32					
ø 4,8 mm	205 mm 50-640-48	220 mm 50-641-48	240 mm 50-642-48	255 mm 50-643-48	280 mm 50-644-48	295 mm 50-645-48	315 mm 50-646-48
	335 mm 50-647-48	355 mm 50-648-48					
ø 6,4 mm	280 mm 50-650-64	290 mm 50-651-64	315 mm 50-652-64	335 mm 50-653-64	355 mm 50-654-64	375 mm 50-655-64	395 mm 50-656-64
	410 mm 50-657-64						

Rund - Nägel zur intramedullären Nagelung
Round Pins for intramedullary Nailing
Clavos redondos intramedulares con gancho



Rush - Rundnägel - Set
Rush Medullary Pin Set
Set de Clavos redondos con gancho

Art. Nr.	Durchmesser	Stück
Cat. No.	Diameter	Pieces
Cat. No.	Diametro	Piezas
50-660-24	2,4 mm	13
50-665-24	2,4 mm	13
50-670-32	3,2 mm	13
50-670-48	4,8 mm	9
50-670-64	6,4 mm	9

Instrumente zur intramedullaren Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



Vorbohrer
Awl Reamer
Preperforador

50-670-24	Ø 2,4 mm
50-670-32	Ø 3,2 mm
50-670-48	Ø 4,8 mm
50-670-64	Ø 6,4 mm



Extractor
Driver and Extractor
Extractor

50-680-24	Ø 2,4 mm
50-680-32	Ø 3,2 mm
50-680-48	Ø 4,8 mm
50-680-64	Ø 6,4 mm



50-690-00 Biegeeisen
Bender
Llave dobladora

Flexible Knochenschienen
Flexible Medullary Nails
Clavos medulares flexibles



Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Durchmesser Diameter Diametro
50-700-30	300 mm	4,5 mm
50-700-31	310 mm	4,5 mm
50-700-32	320 mm	4,5 mm
50-700-33	330 mm	4,5 mm
50-700-34	340 mm	4,5 mm
50-700-35	350 mm	4,5 mm
50-700-36	360 mm	4,5 mm
50-700-37	370 mm	4,5 mm
50-700-38	380 mm	4,5 mm
50-700-39	390 mm	4,5 mm
50-700-40	400 mm	4,5 mm
50-700-41	410 mm	4,5 mm
50-700-42	420 mm	4,5 mm
50-700-43	430 mm	4,5 mm
50-700-44	440 mm	4,5 mm
50-700-45	450 mm	4,5 mm
50-700-46	460 mm	4,5 mm
50-700-47	470 mm	4,5 mm
50-700-48	480 mm	4,5 mm
50-700-49	490 mm	4,5 mm

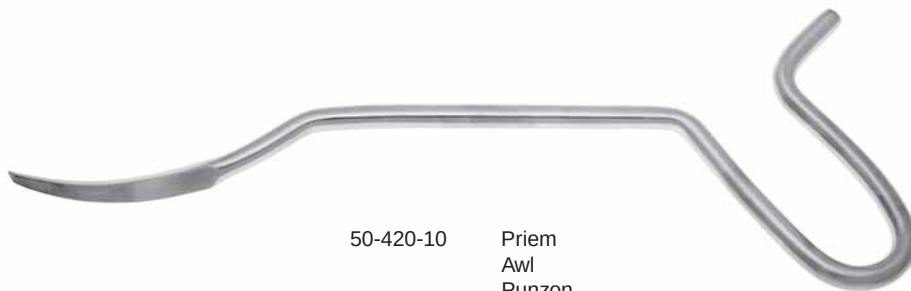
Instrumente zur intramedullaren Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



50-710-00 Nachschläger
Nail Inserter
Impactor final



50-720-00 Einschläger - Ausschläger
Impactor - Extractor
Impactor - Extracor de cierre automatico



50-420-10 Priem
Awl
Punzon

Instrumente zur intramedullaren Knochennagelung
Instruments for Intramedullary Nailing
Instrumentos para enclavamiento intramedular



50-690-00 Biegeeisen
Bender
Llave dobladora



50-730-00 Einschläger
Impactor
Mango impactor conductor



50-740-00 Extractor mit Schlaggewicht
Extractor with Sliding Mallet
Extractor con maza deslizante

Minifragmentsortiment
Set of Minifragment
Sortimento de minifragmentos

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmentos

Minifragment - Schrauben 1,5 mm / 2,0 mm

Minifragment - Screws 1,5 mm / 2,0 mm

Tornillos para Minifragmento 1,5 / 2,0 mm

Corticalisschrauben 1,5 mm
Cortical Screws 1,5 mm
Tornillos corticales 1,5 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

51-100-00	6 mm
51-100-02	7 mm
51-100-04	8 mm
51-100-06	9 mm
51-100-08	10 mm
51-100-10	11 mm
51-100-12	12 mm
51-100-14	14 mm
51-100-16	16 mm
51-100-18	18 mm
51-100-20	20 mm



1,5 mm

Gewindedurchmesser	1,5 mm
Kerndurchmesser	1,0 mm
Kopfdurchmesser	3,0 mm
Innensechskant	1,5 mm
Bohrer für Gewindeloch	1,1 mm
Bohrer für Gleitloch	1,5 mm

Diameter of thread	1,5 mm
Diameter of core	1,0 mm
Diameter of head	3,0 mm
Imbus	1,5 mm
Drill bit for thread hole	1,1 mm
Drill bit for sliding hole	1,5 mm

Diametro de la rosca	1,5 mm
Diametro del nucleo	1,0 mm
Diametro de la cabeza	3,0 mm
Hexagono interior	1,5 mm
Broca para orificio de roscar	1,1 mm
Broca para orificio deslizante	1,5 mm

Corticalisschrauben 2,0 mm
Cortical Screws 2,0 mm
Tornillos corticales 2,0 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

51-110-00	6 mm
51-110-02	8 mm
51-110-04	10 mm
51-110-06	12 mm
51-110-08	14 mm
51-110-10	16 mm
51-110-12	18 mm
51-110-14	20 mm
51-110-16	22 mm
51-110-18	24 mm
51-110-20	26 mm
51-110-22	28 mm
51-110-24	30 mm
51-110-26	32 mm
51-110-28	34 mm
51-110-30	36 mm
51-110-32	38 mm



2,0 mm

Gewindedurchmesser	2,0 mm
Kerndurchmesser	1,3 mm
Kopfdurchmesser	4,0 mm
Innensechskant	1,5 mm
Bohrer für Gewindeloch	1,5 mm
Bohrer für Gleitloch	2,0 mm

Diameter of thread	2,0 mm
Diameter of core	1,3 mm
Diameter of head	4,0 mm
Imbus	1,5 mm
Drill bit for thread hole	1,5 mm
Drill bit for sliding hole	2,0 mm

Diametro de la rosca	2,0 mm
Diametro del nucleo	1,3 mm
Diametro de la cabeza	4,0 mm
Hexagono interior	1,5 mm
Broca para orificio de roscar	1,5 mm
Broca para orificio deslizante	2,0 mm

Minifragment - Schrauben 2,7 mm
Minifragment - Screws 2,7 mm
Tornillos para Minifragmento 2,7 mm

Corticalisschrauben 2,7 mm
 Cortical Screws 2,7 mm
 Tornillos corticales 2,7 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

51-120-00	6 mm
51-120-02	8 mm
51-120-04	10 mm
51-120-06	12 mm
51-120-08	14 mm
51-120-10	16 mm
51-120-12	18 mm
51-120-14	20 mm
51-120-16	22 mm
51-120-18	24 mm
51-120-20	26 mm
51-120-22	28 mm
51-120-24	30 mm
51-120-26	32 mm
51-120-28	34 mm
51-120-30	36 mm
51-120-32	38 mm
51-120-34	40 mm



2,7 mm

Gewindedurchmesser	2,7 mm
Kerndurchmesser	1,9 mm
Kopfdurchmesser	5,0 mm
Innensechskant	2,5 mm
Bohrer für Gewindeloch	2,0 mm
Bohrer für Gleichtloch	2,7 mm

Diameter of thread	2,7 mm
Diameter of core	1,9 mm
Diameter of head	5,0 mm
Imbus	2,5 mm
Drill bit for thread hole	2,0 mm
Drill bit for hole	2,7 mm

Diametro de la rosca	2,7 mm
Diametro del nucleo	1,9 mm
Diametro de la cabeza	5,0 mm
Hexagono interior	2,5 mm
Broca para orificio de roscar	2,0 mm
Broca para orificio deslizante	2,7 mm

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmento

Minifragment - Platten für 1,5 mm Schrauben

Minifragment - Plates for 1,5 mm Screws

Placas para Minifragmento para tornillos 1,5 mm

Gerade Miniplatte, 1,5 mm
Straght Mini Plate, 1,5 mm
Mini placa recta, 1,5 mm

Art. Nr.	Lochzahl	Länge
Cat. No.	Holes	Length
Cat. No.	Agujeros	Longitud
51-130-00	20	100 mm



Profil:
Dicke: 0,9 mm
Breite: 3,8 mm
Lochabstand: 5,0 mm

Mini T Platte, 1,5 mm 9 Loch
Mini T Plate, 1,5 mm 9 Holes
Mini placa en forma de T, 1,5 mm 9 agujeros

Art. Nr.	Bezeichnung	Lochzahl im Kopf
Cat. No.	Description	Holes in head
Cat. No.	Descrpicion	Agujeros en cabeza
51-140-10	T - Platte	3
51-140-20	T - Platte	4



Profil:
Dicke: 0,9 mm
Breite: 3,8 mm
Lochabstand: 5,0 mm

Minifragment - Platten für 1,5 mm und 2,0 mm Schrauben
Minifragment - Plates for 1,5 mm and 2,0 mm Screws
Placas para Minifragmento para tornillos de 1,5 mm y 2,0 mm

Gerade Miniplatte, 2,0 mm
Straight Mini Plate, 2,0 mm
Mini placa recta, 2,0 mm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
51-150-05	3	17 mm
51-150-10	4	23 mm
51-150-15	5	29 mm
51-150-20	6	35 mm



Profil:
Dicke: 0,9 mm
Breite: 5,0 mm
Lochabstand: 6,0 mm

Kompressionsplatte, 2,0 mm
Dynamic Plate, 2,0 mm
Placa de autocompresion, 2,0 mm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
51-160-00	3	17 mm
51-160-05	4	22 mm
51-160-10	5	27 mm
51-160-15	6	32 mm
51-160-20	7	37 mm
51-160-25	8	42 mm



Profil:
Dicke (4 - 6 Loch): 1,0 mm
Dicke (7 - 8 Loch): 1,5 mm
Breite: 5,0 mm
Lochabstand: 5,0 mm

Gerade Miniplatte, 2,0 mm
Straght Mini Plate, 2,0 mm
Mini placa recta, 2,0 mm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
51-170-00	20	100 mm



Profil:
Dicke: 1,2 mm
Breite: 5,0 mm
Lochabstand: 5,0 mm

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmento

Minifragment - Platten für 1,5 mm und 2,0 mm Schrauben

Minifragment - Plates for 1,5 mm and 2,0 mm Screws

Placas de Minifragmento para tornillos de 1,5 mm y 2,0 mm

Mini L - und T Platten, 2,0 mm
 Mini L - and T Plates, 2,0 mm
 Mini Placas en forma de L y T, 2,0 mm

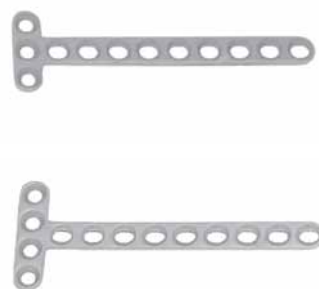
Art. Nr.	Bezeichnung
Cat. No.	Description
Cat. No.	Descripción
51-180-00	L - Platte links
51-180-05	L - Platte rechts
51-180-10	L - Platte schräg links
51-180-15	L - Platte schräg rechts
51-180-20	T - Platte



Profil:
Dicke: 1,0 mm
Breite: 5,0 mm
Lochabstand: 6,0 mm
 leicht hohl

Mini T Platten, 2,0 mm Schaft 9 Loch
 Mini T Plates, 2,0 mm Shaft 9 Holes
 Mini Placas en forma de T, 2,0 mm

Art. Nr.	Bezeichnung	Lochzahl im Kopf
Cat. No.	Description	Holes in head
Cat. No.	Descripción	Agujeros en cabeza
51-190-00	T - Platte	3
51-190-05	T - Platte	4



Profil:
Dicke: 1,2 mm
Breite: 5,0 mm
Lochabstand: 5,0 mm

Minifragment - Platten für 1,5 mm und 2,0 mm Schrauben
Minifragment - Plates for 1,5 mm and 2,0 mm Screws
Placas de Minifragmento para tornillos de 1,5 mm y 2,0 mm

Mini Adaptationsplatte, 2,0 mm
 Mini Adaptation Plate, 2,0 mm
 Mini Placas para adaptacion, 2,0 mm

Art. Nr.	Lochzahl	Länge
Cat. No.	Holes	Length
Cat. No.	Agujeros	Longitud

51-200-00	20	100 mm
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Profil:	
Dicke:	0,9 mm
Breite:	5,0 mm
Lochabstand:	5,0 mm

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmento

Minifragment - Platten für 2,7 mm Schrauben

Minifragment - Plates for 2,7 mm Screws

Placas para Minifragmento para tornillos 2,7 mm

Viertelrohrplatte, 2,7 mm
Quarter tube Plates, 2,7 mm
Placa cuarto de tubo, 2,7 mm

Art. Nr.	Lochzahl	Länge
Cat. No.	Holes	Length
Cat. No.	Agujeros	Longitud
51-210-00	3	23 mm
51-210-05	4	31 mm
51-210-10	5	39 mm
51-210-15	6	47 mm
51-210-20	7	55 mm
51-210-25	8	63 mm
51-210-30	9	76 mm
51-210-35	10	84 mm
51-210-40	12	100 mm



Profil:
Dicke: 1,0 mm
Breite: 7,0 mm
Lochabstand: 8,0 mm

Kompressionsplatte 2,7 mm
Dynamic Plate 2,7 mm
Placa de autocompresion 2,7 mm

Art. Nr.	Lochzahl	Länge
Cat. No.	Holes	Length
Cat. No.	Agujeros	Longitud
51-220-00	2	20 mm
51-220-05	3	28 mm
51-220-10	4	36 mm
51-220-15	5	44 mm
51-220-20	6	52 mm
51-220-25	7	60 mm
51-220-30	8	68 mm
51-220-35	9	76 mm
51-220-40	10	84 mm
51-220-45	11	92 mm
51-220-50	12	100 mm



Profil:
Dicke (2 - 6 Loch): 2,0 mm
Dicke (7 - 12 Loch): 2,5 mm
Breite: 8,0 mm
Lochabstand: 8,0 mm
12,0 mm

Minifragment - Platten für 2,7 mm Schrauben
Minifragment - Plates for 2,7 mm Screws
Placas para Minifragmento para tornillos 2,7 mm

Mehrfragmentplatte 2,7 mm
Multiple Fragment Plate 2,7 mm
Placa para multifragmentos 2,7 mm

Art. Nr. Lochzahl
Cat. No. Holes
Cat. No. Agujeros

51-230-00 7



Kleine L - und T Platten, 2,7 mm
Small L - and T Plates, 2,7 mm
Placas pequeñas en forma de L y T, 2,7 mm

Art. Nr. Bezeichnung
Cat. No. Description
Cat. No. Descrpicion

51-240-00 L - Platte links
51-240-05 L - Platte rechts
51-240-10 L - Platte schräg links
51-240-15 L - Platte schräg rechts
51-240-20 T - Platte



Profil:
Dicke: 1,2 mm
Breite: 7,0 mm
Lochabstand: 8,0 mm



Rekonstruktionsplatte 2,7 mm
Reconstruction plate 2,7 mm
Placa de reconstruction 2,7 mm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud	Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
51-250-00	5	58 mm	51-250-35	12	142 mm
51-250-05	6	70 mm	51-250-40	13	154 mm
51-250-10	7	82 mm	51-250-45	14	166 mm
51-250-15	8	94 mm	51-250-50	15	178 mm
51-250-20	9	106 mm	51-250-55	16	190 mm
51-250-25	10	118 mm	51-250-60	18	214 mm
51-250-30	11	130 mm			

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmento

Instrumente für Schrauben ø 1,5 mm und ø 2,0 mm

Instruments for Screws ø 1,5 mm and ø 2,0 mm

Instrumentos para tornillos ø 1,5 mm y ø 2,0 mm

51-260-00 Spiralbohrer für Schnellkupplung ø 1,1 mm
Drill Bit with end to fit quick coupling ø 1,1 mm
Broca de acoplamiento rapido ø 1,1 mm



51-270-00 Spiralbohrer für Schnellkupplung ø 1,5 mm
Drill Bit with end to fit quick coupling ø 1,5 mm
Broca de acoplamiento rapido ø 1,5 mm



51-280-00 Mini - Kopfraumfräser Einsatz
Mini Countersink
Mini Avellanador



51-290-00 Gewindeschneider ø 1,5 mm
Tap ø 1,5 mm
Macho ø 1,5 mm



51-300-00 Gewindeschneider ø 2,0 mm
Tap ø 2,0 mm
Macho ø 2,0 mm



51-310-00 Mini - Schraubenzieher - Einsatz 1,5 mm SW
Mini hexagonal Screw Driver 1,5 mm
Mini destornillador 1,5 mm



51-320-00 Handstück mit Dentalverschluß
Tap Handle with Dental coupling
Mango de acoplamiento dental



Instrumente für Schrauben $\varnothing$ 1,5 mm und $\varnothing$ 2,0 mm
Instruments for Screws $\varnothing$ 1,5 mm and $\varnothing$ 2,0 mm
Instrumentos para tornillos $\varnothing$ 1,5 mm y $\varnothing$ 2,0 mm



- 51-340-00 Mini - Bohrbuchse für Bohrer $\varnothing$ 1,1 mm und $\varnothing$ 1,5 mm
Mini Drill Sleeve for Drill bit $\varnothing$ 1,1 mm and $\varnothing$ 1,5 mm
Mini Guia de broca $\varnothing$ 1,1 mm y $\varnothing$ 1,5 mm



- 51-350-00 Neutral - und Spannbohrbuchse $\varnothing$ 2,0 mm
Neutral and Load Drill Guide $\varnothing$ 2,0 mm
Guia de broca neutral y para tension $\varnothing$ 2,0 mm



- 51-360-00 Sechskantschraubenzieher mit Griff und Haltehülse für 1,5 und 2,0 mm Schrauben
Hexagonal Screwdriver with Holding Sleeve for 1,5 and 2,0 mm Screws
Destornillador exagonal con dispositivo de agarre para tornillos de 1,5 mm y 2,0 mm



- 51-365-00 Haltehülse einzeln 1,5 mm
Holding Sleeve 1,5 mm
Pinza de sujecion 1,5 mm



- 51-370-00 Mini - Schraubenmeßgerät für 1,5 / 2,0 mm Schrauben
Mini Depth Gauge for 1,5 / 2,0 mm Screws
Mini medidor de profundidad para tornillos de 1,5 / 2,0 mm

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmento

Instrumente für Schrauben ø 2,7 mm

Instruments for Screws ø 2,7 mm

Instrumentos para tornillos ø 2,7 mm

51-400-00 Spiralbohrer für Schnellkupplung ø 2,0 mm
Drill Bit with end to fit quick couplig ø 2,0 mm
Broca de acoplamiento rapido ø 2,0 mm



51-400-05 Spiralbohrer mit Rundschaft ø 2,0 mm
Drill Bit with round end ø 2,0 mm
Broca con vastago redondo rapido ø 2,0 mm



51-410-00 Spiralbohrer für Schnellkupplung ø 2,7 mm
Drill Bit with end to fit quick couplig ø 2,7 mm
Broca de acoplamiento rapido ø 2,7 mm



51-410-05 Spiralbohrer mit Rundschaft ø 2,7 mm
Drill Bit with round end ø 2,7 mm
Broca con vastago redondo ø 2,7 mm



51-420-00 Kleiner Kopfraumfräser - Einsatz, 2,7 mm
Small Countersink, 2,7 mm
Avellanador pequeño, 2,7 mm



51-430-00 Gewindeschneider ø 2,7 mm
Tap ø 2,7 mm
Macho ø 2,7 mm



51-440-00 Handstück mit Schnellkuppung
Tap Handle with quick copling
Mango de acoplamiento rapido



Instrumente für Schrauben ø 2,7 mm
Instruments for Screws ø 2,7 mm
Instrumentos para tornillos ø 2,7 mm



51-450-00 Ziel - und Platten - Bohrbuchse
Drill Guide and Drill Sleeve
Guia de broca con 3 orificios



51-460-00 Doppelbohrbuchse 2,7 / 2,0
Double Drill Sleeve 2,7 mm / 2,0 mm
Guia de broca doble 2,7 mm / 2,0 mm

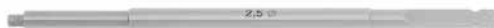


51-470-00 Neutral - und Spannbohrbuchse ø 2,7 mm
Neutral and Load Drill Guide ø 2,7 mm
Guia de broca neutral y para tension ø 2,7 mm



51-480-00 Geweschutzhülse ø 3,5 mm für Gewindeschneider ø 2,7 mm
Tap Sleeve 3,5 mm for taps ø 2,7 mm
Guia de broca 3,5 mm para machos ø 2,7 mm

Instrumente für Schrauben ø 2,7 mm
Instruments for Screws ø 2,7 mm
Instrumentos para tornillos ø 2,7 mm



51-490-00 Kleiner Schraubenzieher - Einsatz SW 2,5 mm
Small screw driver 2,5 mm
Destornillador pequeño 2,5 mm



51-495-00 Haltehülse einzeln 2,5 mm
Holding Sleeve 2,5 mm
Pinza de sujecion 2,5 mm



51-500-00 Kleiner Schraubenzieher 6 - Kant, 2,5 mm SW
Small Hexagonal screw Driver 2,5 mm
Destornillador pequeño 2,5 mm



51-510-00 Schraubenmessgerät für kleine Schrauben
Depth Gauge for small screws
Medidor de profundidad para tornillos pequeños

Mini - Instrumentarium
Mini - Instrumentation
Min - Instrumentario



51-520-00 Schränkeisen für Fingerplättchen, 1,5 und 2,0
Bending Iron for small Plates, 1,5 and 2,0
Llave dobladora para placas pequeñas, 1,5 y 2,0



51-530-00 Biegezange für kleine Plättchen
Bending Pliers for small Plates
Teneza dobladora para placas pequeñas



51-380-00 Scharfer Haken
Sharp Hook
Gancho agudo



51-540-00 Haltezange für kleine Plättchen
Holding Forceps for small Plates
Teneza para agarrar placas pequeñas



51-550-00 Kleiner Knochenheber 6 mm
Small Retractor 6 mm
Retractor pequeño 6 mm

51-550-10 Kleiner Knochenheber 8 mm
Small Retractor 8 mm
Retractor pequeño 8 mm

Minifragmentsortiment

Set of Minifragment

Sortimento de minifragmento

Mini - Instrumentarium

Mini - Instrumentation

Min - Instrumentario



- 51-560-00 Kleiner Knochenheber für Kleinfragmente, 15 mm breit Länge 120 mm
 Small Retractor for small fragments, 15 mm broad, Length 120 mm
 Retractor pequeño para fragmentos pequeños, 15 mm ancho, Longitud 120 mm



- 51-570-00 Haltezange für Fingerplättchen, 135 mm lang
 Holding forceps for Finger Plates, 135 mm long
 Tenaza para placas de dedo, longitud 135 mm



- 51-580-00 Repositionszange mit Spitzen, 130 mm lang
 Reduction forceps with points, 130 mm long
 Pinza de reduccion con puntas, longitud 130 mm



- 51-590-00 Raspatorium klein mit gerader Schneide 3 mm
 Periosteal Elevator small 3 mm
 Elevador periosteal pequeño 3 mm

- 51-590-05 Raspatorium klein mit gerader Schneide 6 mm
 Periosteal Elevator small 6 mm
 Elevador periosteal pequeño 6 mm



51-650-00 Repositionszange für Kleinfragmente
Reduction forceps for Small fragment
Pinza de reduccion para fragmentos pequeños



51-660-00 Selbstzentrierende Knochenhalte-zangen, Gewindesperre Länge 150 mm
Selfcentering Bone Holding Forceps
Pinza de reduccion con bloque axial autocentrante



51-670-00 Schränkeisen
Bending Iron for Small Plates
Llave dobladora para placas pequeñas



51-670-10 Schränkeisen
Bending Iron for Small Plates
Llave dobladora para placas pequeñas

Minifragmentsortiment
Set of Minifragment
Sortimento de minifragmento



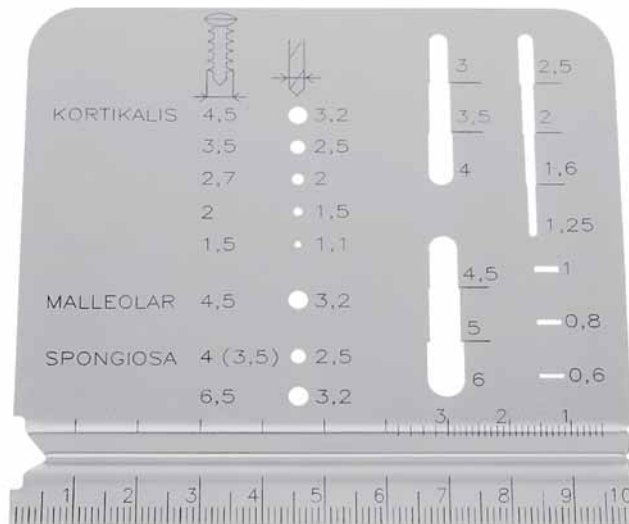
51-680-00 Kleine Biegezange für Draht und Platten
Small Bending Forceps for Wire and Plates
Pinza dobladora para alambre y placas



51-690-00 Kleiner Seitenschneider für Draht und Platten
Lateral Wire Cutter for Wire and Plates
Alicate de corte lateral



51-700-00 Biegebolzen für Spickdrähte
Bending Iron for Wire
Barra dobladora



51-710-00 Messlehre für Schrauben
Measuring Plate for screws
Medidor para tornillos



51-720-00 Selbsthaltende Schraubenpinzette
Screw Forceps selfholding
Pinza fijadora

Kleinfragmentsortiment
Set of Smallfragment
Sortimento de fragmentos pequeños

Kleinfragmentsortiment

Set of Smallfragment

Sortimento de fragmento pequeño

Kleinfragment - Schrauben

Small fragment Screws

Tornillos para fragmentos pequeños

Corticalisschrauben 3,5 mm Feingewinde 1,25
Cortical Screws 3,5 mm fine thread 1,25
Tornillos corticales 3,5 mm con rosca fina 1,25

Art. Nr.
Cat. No.
Cat. No.

Länge
Length
Longitudud

52-100-00	8 mm
52-100-02	10 mm
52-100-04	12 mm
52-100-06	14 mm
52-100-08	16 mm
52-100-10	18 mm
52-100-12	20 mm
52-100-14	22 mm
52-100-16	24 mm
52-100-18	26 mm
52-100-20	28 mm
52-100-22	30 mm
52-100-24	32 mm
52-100-26	34 mm
52-100-28	36 mm
52-100-30	38 mm
52-100-32	40 mm
52-100-34	45 mm
52-100-36	50 mm
52-100-38	55 mm
52-100-40	60 mm
52-100-42	65 mm
52-100-44	70 mm
52-100-46	75 mm
52-100-48	80 mm
52-100-50	85 mm
52-100-52	90 mm
52-100-54	95 mm
52-100-56	100 mm
52-100-58	105 mm
52-100-60	110 mm



3,5 / 1,25

Gewindedurchmesser 3,5 mm
Kerndurchmesser 2,4 mm
Kopfdurchmesser 6,0 mm
Innensechskant 2,5 mm
Bohrer für Gewindeloch 2,5 mm
Bohrer für Gleitloch 3,5 mm

Diameter of thread 3,5 mm
Diameter of core 2,4 mm
Diameter of head 6,0 mm
Imbus 2,5 mm
Drill bit for thread hole 2,5 mm
Drill bit for sliding hole 3,5 mm

Diametro de la rosca 3,5 mm
Diametro del nucleo 2,4 mm
Diametro de la cabeza 6,0 mm
Hexagono interior 2,5 mm
Broca para orificio de roscar 2,5 mm
Broca para orificio deslizante 3,5 mm

Kleinfragmentsortiment Set of Smallfragment Sortimento de fragmento pequeño

Kleinfragment - Schrauben Small fragment Screws Tornillos para fragmentos pequeños

Corticalisschrauben 3,5 mm Grobgewinde 1,75
Cortical Screws 3,5 mm with rough thread 1,75 mm
Tornillos corticales 3,5 mm con rosca gruesa 1,75 mm

Art. Nr.
Cat. No.
Cat. No.

Länge
Length
Longitud

52-110-00	8 mm
52-110-02	10 mm
52-110-04	12 mm
52-110-06	14 mm
52-110-08	16 mm
52-110-10	18 mm
52-110-12	20 mm
52-110-14	22 mm
52-110-16	24 mm
52-110-18	26 mm
52-110-20	28 mm
52-110-22	30 mm
52-110-24	32 mm
52-110-26	34 mm
52-110-28	36 mm
52-110-30	38 mm
52-110-32	40 mm
52-110-34	45 mm
52-110-36	50 mm
52-110-38	55 mm
52-110-40	60 mm
52-110-42	65 mm
52-110-44	70 mm
52-110-46	75 mm
52-110-48	80 mm
52-110-50	85 mm
52-110-52	90 mm
52-110-54	95 mm
52-110-56	100 mm
52-110-58	105 mm
52-110-60	110 mm



3,5 / 1,75

Gewindedurchmesser 3,5 mm
Kerndurchmesser 1,9 mm
Kopfdurchmesser 6,0 mm
Innensechskant 2,5 mm
Bohrer für Gewindeloch 2,5 mm

Diameter of thread 3,5 mm
Diameter of core 1,9 mm
Diameter of head 6,0 mm
Imbus 2,5 mm
Drill bit for thread hole 2,5 mm

Diametro de la rosca 3,5 mm
Diametro del nucleo 1,9 mm
Diametro de la cabeza 6,0 mm
Hexagono interior 2,5 mm
Broca para orificio de roscar 2,5 mm

Kleinfragmentsortiment

Set of Smallfragment

Sortimento de fragmento pequeño

Kleinfragment - Schrauben

Small fragment Screws

Tornillos de fragmentos pequeños

Spongiosasschrauben 4,0 mm mit durchgehendem Gewinde
 Spongiosa Screws 4,0 mm full threaded
 Tornillos esponjosa 4,0 mm con rosca continua

Art. Nr.	Länge		Gewindedurchmesser	4,0 mm
Cat. No.	Length		Kerndurchmesser	1,9 mm
Cat. No.	Longitud		Kopfdurchmesser	6,0 mm
			Innensechskant	2,5 mm
			Bohrer für Gewindeloch	2,5 mm
52-120-00	10 mm		Diameter of thread	4,0 mm
52-120-02	12 mm		Diameter of core	1,9 mm
52-120-04	14 mm		Diameter of head	6,0 mm
52-120-06	16 mm		Imbus	2,5 mm
52-120-08	18 mm		Drill bit for thread hole	2,5 mm
52-120-10	20 mm			
52-120-12	22 mm			
52-120-14	24 mm			
52-120-16	26 mm			
52-120-18	28 mm			
52-120-20	30 mm			
52-120-22	32 mm			
52-120-24	35 mm			
52-120-26	40 mm			
52-120-28	45 mm			
52-120-30	50 mm			
52-120-32	55 mm			
52-120-34	60 mm			
		Ø 4,0 mm	Diametro de la rosca	4,0 mm
			Diametro del nucleo	1,9 mm
			Diametro de la cabeza	6,0 mm
			Hexagono interior	2,5 mm
			Broca para orificio de roscar	2,5 mm

Kleinfragmentsortiment Set of Smallfragment Sortimento de fragmento pequeño

Kleinfragment - Schrauben Small fragment Screws Tornillos de fragmentos pequeños

Spongiosasschrauben 4,0 mm mit kurzem Gewinde
Spongiosa Screws 4,0 mm with short thread
Tornillos esponjosa 4,0 mm con rosca corta

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
52-130-00	10 mm
52-130-02	12 mm
52-130-04	14 mm
52-130-06	16 mm
52-130-08	18 mm
52-130-10	20 mm
52-130-12	22 mm
52-130-14	24 mm
52-130-16	26 mm
52-130-18	28 mm
52-130-20	30 mm
52-130-22	32 mm
52-130-24	35 mm
52-130-26	40 mm
52-130-28	45 mm
52-130-30	50 mm
52-130-32	55 mm
52-130-34	60 mm



Ø 4,0 mm

Gewindedurchmesser	4,0 mm
Kerndurchmesser	1,9 mm
Schaftdurchmesser	2,3 mm
Kopfdurchmesser	6,0 mm
Innensechskant	2,5 mm
Bohrer für Gewindeloch	2,5 mm
Diameter of thread	4,0 mm
Diameter of core	1,9 mm
Diameter of shaft	2,3 mm
Diameter of head	6,0 mm
Imbus	2,5 mm
Drill bit for thread hole	2,5 mm
Diametro de la rosca	4,0 mm
Diametro del nucleo	1,9 mm
Diametro de caña	2,3 mm
Diametro de la cabeza	6,0 mm
Hexagono interior	2,5 mm
Broca para orificio de roscar	2,5 mm

Kleinfragmentsortiment

Set of Smallfragment

Sortimento de fragmento pequeño

Kleinfragment Gerade Platten

Small fragment straight plates

Placas rectas para pequeños fragmentos

Unterlagsscheibe
Washer
Arandela



52-140-00 7,0 mm

Drittellrohrplatte
One - Third tube Plates
Placa tercio de tubo

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-150-00	2	25 mm
52-150-05	3	37 mm
52-150-10	4	49 mm
52-150-15	5	61 mm
52-150-20	6	73 mm
52-150-25	7	85 mm
52-150-30	8	97 mm
52-150-35	9	109 mm
52-150-40	10	121 mm
52-150-45	12	145 mm



DC - Platten 3,5 mm
Small fragment plate for 3,5 mm screws
Placa recta autocompresion 3,5 mmm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-160-00	2	25 mm
52-160-05	3	37 mm
52-160-10	4	49 mm
52-160-15	5	61 mm
52-160-20	6	73 mm
52-160-25	7	85 mm
52-160-30	8	97 mm
52-160-35	9	109 mm
52-160-40	10	121 mm
52-160-45	12	145 mm



Kleinfragment Form Platten
Small fragment formed plates
Placas rectas para pequeños fragmentos de formas especiales

Kleine T - Platte rechtwinklig
Small fragment T - Plate right angle
Placa pequeña en T angulo recto

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-170-00	3	39 mm
52-170-10	5	67 mm



Kleine T - Platte rechtwinklig
Small fragment T - Plate right angle
Placa pequeña en T angulo recto

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-180-00	4	56 mm
52-180-10	6	78 mm



Kleine T - Platte schrägwinklig
Small fragment T - Plate oblique angle
Placa pequeña en T angulo oblicuo

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-190-00	3	39 mm
52-190-10	5	67 mm



Kleinfragmentsortiment

Set of Smallfragment

Sortimento de fragmento pequeño

Kleinfragment Form Platten

Small fragment straight plates

Placas rectas para pequeños fragmentos

Humeruskondylenplatten 3,5 mm und 4,0 mm
Humeral condylar Plates
Placas condylar para el humero 3,5 mm y 4,0 mm

Art. Nr.
Cat. No.
Cat. No.

52-195-00



Kleeblattplatten 3,5 mm
Cloverleaf plate 3,5 mm
Placa en trebol 3,5 mm

Art. Nr.	Lochzahl	Länge
Cat. No.	Holes	Length
Cat. No.	Agujeros	Longitud
52-200-00	3	88 mm
52-200-05	4	104 mm
52-200-10	5	120 mm
52-200-15	6	136 mm



Kleinfragmentsortiment Set of Smallfragment Sortimento de fragmento pequeño

Rekonstruktionsplatte 3,5 mm
Reconstruction plate 3,5 mm
Placa de reconstruction 3,5 mm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-210-00	5	58 mm
52-210-05	6	70 mm
52-210-10	7	82 mm
52-210-15	8	94 mm
52-210-20	9	106 mm
52-210-25	10	118 mm
52-210-30	11	130 mm
52-210-35	12	142 mm
52-210-40	13	154 mm
52-210-45	14	166 mm
52-210-50	15	178 mm
52-210-55	16	190 mm
52-210-60	18	214 mm



Rekonstruktionsplatte gebogen 3,5 mm
Reconstruction plate curved 3,5 mm
Placa de reconstruction curva 3,5 mm

Art. Nr. Cat. No. Cat. No.	Lochzahl Holes Agujeros	Länge Length Longitud
52-220-00	6	70 mm
52-220-05	8	94 mm
52-220-10	10	118 mm
52-220-15	12	142 mm
52-220-20	14	166 mm
52-220-25	16	190 mm
52-220-30	18	214 mm



Kleinfragmentsortiment

Set of Smallfragment

Sortimento de fragmento pequeño

Kleinfragment - Instrumentarium

Small Fragment - Instrumentation

Instrumentario para pequeño fragmento



- 52-230-00 Spiralbohrer mit Anschluß für Schnellkuppling $\varnothing$ 2,5 mm
Drill bit with end to fit quick coupling $\varnothing$ 2,5 mm
Broca con mango para acoplamiento rapido $\varnothing$ 2,5 mm

- 52-230-05 Spiralbohrer mit Rundschaft $\varnothing$ 2,5 mm
Drill bit with round end $\varnothing$ 2,5 mm
Broca con vastago redondo $\varnothing$ 2,5 mm



- 52-240-00 Spiralbohrer mit Anschluß für Schnellkuppling $\varnothing$ 3,5 mm
Drill bit with end to fit quick coupling $\varnothing$ 3,5 mm
Broca con mango para acoplamiento rapido $\varnothing$ 3,5 mm

- 52-240-05 Spiralbohrer mit Rundschaft $\varnothing$ 3,5 mm
Drill bit with round end $\varnothing$ 3,5 mm
Broca con vastago redondo $\varnothing$ 3,5 mm



- 52-250-00 Kleiner Kopfraumfräser - Einsatz
Small Countersink
Avellanador pequeño



- 52-260-00 Gewindeschneider $\varnothing$ 3,5 mm für Kortikalisschrauben, fein (**Steigung 1,25 mm**)
Tap $\varnothing$ 3,5 mm for cortical screws, fine (**pitch 1,25 mm**)
Macho $\varnothing$ 3,5 mm para tornillos corticales, fino (**paso de rosca 1,25 mm**)



- 52-270-00 Gewindeschneider $\varnothing$ 3,5 mm für Spongiaschrauben, grob (**Steigung 1,75 mm**)
Tap $\varnothing$ 3,5 mm for Spongiosa screws, grob (**pitch 1,75 mm**)
Macho $\varnothing$ 3,5 mm para tornillos esponjosa, grueso (**paso de rosca 1,75 mm**)

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



- 52-260-05 Gewindeschneider ø 3,5 mm für Kortikalisschrauben, fein (**Steigung 1,25 mm**) mit T - Griff
Tap ø 3,5 mm for cortical screws, fine (**pitch 1,25 mm**) with T- Bar
Macho ø 3,5 mm para tornillos corticales, fino (**paso de rosca 1,25 mm**) con mango en T

- 52-270-05 Gewindeschneider ø 3,5 mm für Spongiaschrauben, grob (Steigung 1,75 mm) mit T - Griff
Tap ø 3,5 mm for Spongiosa screws, grob (pitch 1,75 mm) with T - Bar
Macho ø 3,5 mm para tornillos esponjosa, grueso (paso de rosca 1,75 mm) con mango en T



- 52-280-00 Handstück mit Schnellkuppung
Tap Handle with quick coupling
Mango de acoplamiento rapido



- 52-290-00 Griffstück für Gewindeschneider mit Schnellkuppung
Handle for taps with quick coupling
Mandril para machos de acoplamiento rapido

Kleinfragmentsortiment

Set of Smallfragment

Sortimento de fragmento pequeño

Kleinfragment - Instrumentarium

Small Fragment - Instrumentation

Instrumentario para pequeño fragmento



52-300-00 Gewebeschutzhülse $\varnothing$ 3,5 mm / Bohrbüchse $\varnothing$ 2,5 mm
Tap Sleeve $\varnothing$ 3,5 mm / Drill Sleeve $\varnothing$ 2,5 mm
Guia conductora $\varnothing$ 3,5 mm / Guia de broca $\varnothing$ 2,5 mm



52-310-00 Steckbohrbüchse $\varnothing$ 3,5 mm / $\varnothing$ 2,5 mm
Insert Drill Sleeve $\varnothing$ 3,5 mm / $\varnothing$ 2,5 mm
Casquillo centrador $\varnothing$ 3,5 mm / $\varnothing$ 2,5 mm



52-320-00 Ziel - und Platten - Bohrbuchse
Drill Guide and Drill Sleeve
Guia conductora con 3 orificios



52-330-00 Neutral - und Spannbohrbüchse $\varnothing$ 3,5 mm für Bohrer $\varnothing$ 2,5 mm
Neutral and Load Drill Guide $\varnothing$ 3,5 mm for Drill Bit $\varnothing$ 2,5 mm
Guia de broca neutral y para tension $\varnothing$ 3,5 mm para brocas 2,5 mm

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



52-340-00 Kleiner Schraubenzieher 6 - Kant, 2,5 mm SW
Small Hexagonal screw Driver 2,5 mm
Destornillador pequeño 2,5 mm



51-495-00 Haltehülse einzeln 2,5 mm
Holding Sleeve 2,5 mm
Pinza de sujecion 2,5 mm

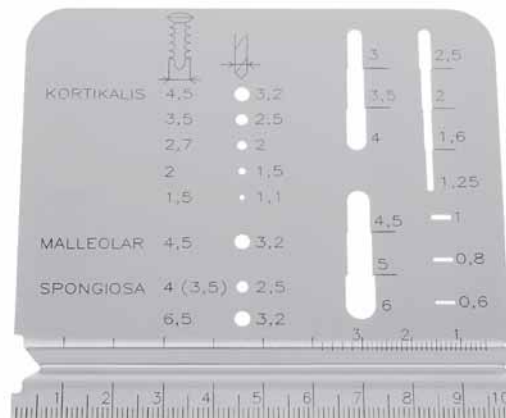


52-360-00 Kleiner Schraubenzieher - Einsatz 6 - Kant, 2,5 mm SW
Small Hexagonal screw Driver 2,5 mm
Atornillador pequeño 2,5 mm



52-370-00 Schraubenmeßgerät für kleine Schrauben
Small Depth Gauge
Medidor de profundidad pequeño

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



51-710-00 Messlehre für Schrauben
Measuring Plate for screws
Medidor para tornillos



52-390-00 Gabelschlüssel 11 mm SW
Combination Wrench width across flats 11 mm
Llave de 11 mm



52-400-00 Plattenspanner mit Gelenken Spannweg 20 mm
Articulated Tension Device with indicator span 20 mm
Tensor de placas carrera 20 mm con charnela

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



51-720-00 Selbsthaltende Schraubenpinzette
Screw Forceps selfholding
Pinza fijadora



52-420-00 Universalbohrbüchse 3,5 mm mit Feder
Drill Sleeve 3,5 mm with feather
Guia de broca 3,5 mm con molle



52-430-00 Biegezange für kleine Platten und Draht (Spitzzange)
Bending Pliers for small plates and wire
Pinza dobladora para placas pequeñas y alambre



51-700-00 Biegebolzen für Kirschnerdrähte
Bending Iron for Wire
Barra dobladora

Kleinfragmentsortiment
Set of Smallfragment
Sortimento de fragmento pequeño

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



51-380-00 Scharfer Haken
Sharp Hook
Gancho agudo



52-460-00 Biegeschablonen
Bending Template
Chablon para doblar



51-670-00 Schränkeisen
Bending Iron for Small Plates
Llave dobladora para placas pequeñas



51-670-10 Schränkeisen
Bending Iron for Small Plates
Llave dobladora para placas pequeñas



52-480-00 Biegezangen für kleine Plättchen
Bending Pliers for Small Plates
Tenaza dobladora para placas pequeñas

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



51-650-00 Selbstzentrierende Knochenhaltezzangen, Gewindesperre Länge 150 mm
Selfcentering Bone Holding Forceps
Pinza de reduccion con bloque axial autocentrante



51-580-00 Repositionszange mit Spitzen
Reduction forceps with points
Pinza de reduccion con puntas



51-650-00 Repositionszange für Kleinfragmente
Reduction forceps for Small fragment
Pinza de reduccion para fragmentos pequeños

Kleinfragmentsortiment
Set of Smallfragment
Sortimento de fragmento pequeño

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



51-550-00

Kleiner Knochenheber 6 mm
Small Retractor 6 mm
Retractor pequeño 6 mm

51-550-10

Kleiner Knochenheber 8 mm
Small Retractor 8 mm
Retractor pequeño 8 mm



51-560-00

Knochenheber für Kleinfragmente
Small Retractor
Retractor pequeño



51-590-05

Raspatorium klein mit gerader Schneide 6 mm
Periosteal Elevator small
Elevador peristéal pequeño

Kleinfragment - Instrumentarium
Small Fragment - Instrumentation
Instrumentario para pequeño fragmento



52-570-00 Drahtschneidezange groß
Wire Cutter
Alicate



52-580-00 Drahtschneidezange klein
Wire Cutter
Alicate

Großfragmentsortiment
Set of large fragments
Sortimento de grandes fragmentos

Großfragmentsortiment
Set of large fragments
Sortimento de grandes fragmentos

Großfragment - Schrauben
Large fragment Screws
Tornillos para fragmentos grandes

					
Korticalisschrauben 4,5 mm Cortical Screws 4,5 mm Tornillos corticales 4,5 mm		Korticalisschrauben 4,5 mm mit Schaft Cortical Screws 4,5 mm with shaft Tornillos corticales 4,5 mm con caña		Malleolarschrauben 4,5 mm Maleolar Screws 4,5 mm Tornillos maleolares 4,5 mm	
Gewindedurchmesser	4,5 mm	Gewindedurchmesser	4,5 mm	Gewindedurchmesser	4,5 mm
Kerndurchmesser	3,0 mm	Kerndurchmesser	3,1 mm	Kerndurchmesser	3,0 mm
Kopfdurchmesser	8,0 mm	Schaftdurchmesser	4,5 mm	Schaftdurchmesser	3,0 mm
Innensechskant	3,5 mm	Kopfdurchmesser	8,0 mm	Kopfdurchmesser	8,0 mm
Bohrer für Gewindeloch	3,2 mm	Innensechskant	3,5 mm	Innensechskant	3,5 mm
Bohrer für Gleitloch	4,5 mm	Bohrer für Gewindeloch	3,2 mm	Bohrer für Gewindeloch	3,2 mm
Diameter of thread	4,5 mm	Diameter of thread	4,5 mm	Diameter of thread	4,5 mm
Diameter of core	3,0 mm	Diameter of core	3,1 mm	Diameter of core	3,0 mm
Diameter of head	8,0 mm	Diameter of shaft	4,5 mm	Diameter of shaft	3,0 mm
Imbus	3,5 mm	Diameter of head	8,0 mm	Diameter of head	8,0 mm
Drill bit for thread hole	3,2 mm	Imbus	3,5 mm	Imbus	3,5 mm
Drill bit for sliding hole	4,5 mm	Drill bit for sliding hole	3,2 mm	Drill bit for sliding hole	3,2 mm
Diametro de la rosca	4,5 mm	Diametro de la rosca	4,5 mm	Diametro de la rosca	4,5 mm
Diametro del nucleo	3,0 mm	Diametro del nucleo	3,1 mm	Diametro del nucleo	3,0 mm
Diametro de la cabeza	6,0 mm	Diametro de caña	4,5 mm	Diametro de caña	3,0 mm
Hexagono interior	3,5 mm	Diametro de la cabeza	8,0 mm	Diametro de la cabeza	8,0 mm
Broca para orificio de roscar	3,2 mm	Hexagono interior	3,5 mm	Hexagono interior	3,5 mm
Broca para orificio deslizante	4,5 mm	Broca para orificio deslizante	3,2 mm	Broca para orificio deslizante	3,2 mm

Großfragment - Schrauben
Large fragment Screws
Tornillos para fragmentos grandes

					
Spongiaschrauben 6,5 mm Spongiosal Screws 6,5 mm Tornillos esponjiosa 6,5 mm		Spongiaschrauben 6,5 mm Spongiosa Screws 6,5 mm Tornillos esponjiosa 6,5 mm		Spongiaschrauben 6,5 mm Spongiosa Screws 6,5 mm Tornillos esponjiosa 6,5 mm	
Gewindedurchmesser	6,5 mm	Gewindedurchmesser	6,5 mm	Gewindedurchmesser	6,5 mm
Gewindelänge	16 mm	Gewindelänge	32 mm	Gewindelänge	voll
Kerndurchmesser	3,0 mm	Kerndurchmesser	3,0 mm	Kerndurchmesser	3,0 mm
Schaftdurchmesser	4,5 mm	Schaftdurchmesser	4,5 mm	Schaftdurchmesser	4,5 mm
Kopfdurchmesser	8,0 mm	Kopfdurchmesser	8,0 mm	Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm	Innensechskant	3,5 mm	Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm	Bohrer für Gewindeloch	3,2 mm	Bohrer für Gewindeloch	3,2 mm
Bohrer für Schaft	4,5 mm	Bohrer für Schaft	4,5 mm	Bohrer für Schaft	4,5 mm
Diameter of thread	6,5 mm	Diameter of thread	6,5 mm	Diameter of thread	6,5 mm
Length of thread	16 mm	Length of thread	32 mm	Length of thread	full
Diameter of core	3,0 mm	Diameter of core	3,0 mm	Diameter of core	3,0 mm
Diameter of shaft	4,5 mm	Diameter of shaft	4,5 mm	Diameter of shaft	4,5 mm
Diameter of head	8,0 mm	Diameter of head	8,0 mm	Diameter of head	8,0 mm
Imbus	3,5 mm	Imbus	3,5 mm	Imbus	3,5 mm
Drill bit for thread hole	3,2 mm	Drill bit for thread hole	3,2 mm	Drill bit for thread hole	3,2 mm
Drill bit for shaft	3,5 mm	Drill bit for shaft	3,5 mm	Drill bit for shaft	3,5 mm
Diametro de la rosca	6,5 mm	Diametro de la rosca	6,5 mm	Diametro de la rosca	6,5 mm
Longitud de rosca	16 mm	Longitud de rosca	32 mm	Longitud de rosca	entero
Diametro del nucleo	3,0 mm	Diametro del nucleo	3,0 mm	Diametro del nucleo	3,0 mm
Diametro de caña	4,5 mm	Diametro de caña	4,5 mm	Diametro de caña	4,5 mm
Diametro de la cabeza	8,0 mm	Diametro de la cabeza	8,0 mm	Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm	Hexagono interior	3,5 mm	Hexagono interior	3,5 mm
Broca para orificio de roscar	3,2 mm	Broca para orificio de roscar	3,2 mm	Broca para orificio de roscar	3,2 mm
Broca para caña	4,5 mm	Broca para caña	4,5 mm	Broca para caña	4,5 mm

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Großfragment - Schrauben

Large fragment Screws

Tornillos para fragmentos grandes

Kortikalisschrauben 4,5 mm
Cortical screws 4,5 mm
Tornillos corticales 4,5 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

53-100-00	14 mm
53-100-02	16 mm
53-100-04	18 mm
53-100-06	20 mm
53-100-08	22 mm
53-100-10	24 mm
53-100-12	26 mm
53-100-14	28 mm
53-100-16	30 mm
53-100-18	32 mm
53-100-20	34 mm
53-100-22	36 mm
53-100-24	38 mm
53-100-26	40 mm
53-100-28	42 mm
53-100-30	44 mm
53-100-32	46 mm
53-100-34	48 mm
53-100-36	50 mm
53-100-38	52 mm
53-100-40	54 mm
53-100-42	56 mm
53-100-44	58 mm
53-100-46	60 mm
53-100-48	62 mm
53-100-50	64 mm
53-100-52	66 mm
53-100-54	68 mm
53-100-56	70 mm



Kortikalisschrauben 4,5 mm
Cortical Screws 4,5 mm
Tornillos corticales 4,5 mm

Gewindedurchmesser	4,5 mm
Kerndurchmesser	3,0 mm
Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm
Bohrer für Gleitloch	4,5 mm

Diameter of thread	4,5 mm
Diameter of core	3,0 mm
Diameter of head	8,0 mm
Imbus	3,5 mm
Drill bit for thread hole	3,2 mm
Drill bit for sliding hole	4,5 mm

Diametro de la rosca	4,5 mm
Diametro del nucleo	3,0 mm
Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm
Broca para orificio de roscar	3,2 mm
Broca para orificio deslizante	4,5 mm

Mutter zu 4,5 mm Kortikalisschraube
Nut for 4,5 mm Cortex screw
Arandella para tornillos de 4,5 mm



53-105-00

Großfragment - Schrauben
Large fragment Screws
Tornillos para fragmentos grandes

Kortikalisschrauben 4,5 mm mit Schaft
Cortical screws 4,5 mm with shaft
Tornillos corticales 4,5 mm con cuello

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
53-110-00	22 mm
53-110-02	24 mm
53-110-04	26 mm
53-110-06	28 mm
53-110-08	30 mm
53-110-10	32 mm
53-110-12	34 mm
53-110-14	36 mm
53-110-16	38 mm
53-110-18	40 mm
53-110-20	42 mm
53-110-22	44 mm
53-110-24	46 mm
53-110-26	48 mm
53-110-28	50 mm
53-110-30	52 mm
53-110-32	54 mm
53-110-34	56 mm
53-110-36	58 mm
53-110-38	60 mm
53-110-40	62 mm
53-110-42	64 mm
53-110-44	66 mm
53-110-46	68 mm
53-110-48	70 mm
53-110-50	75 mm
53-110-52	80 mm
53-110-54	85 mm
53-110-56	90 mm
53-110-58	95 mm
53-110-60	100 mm
53-110-62	105 mm
53-110-64	110 mm



Corticalisschrauben 4,5 mm mit Schaft
Cortical Screws 4,5 mm with shaft
Tornillos corticales 4,5 mm con shaft

Gewindedurchmesser	4,5 mm
Kerndurchmesser	3,1 mm
Schaftdurchmesser	4,5 mm
Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm

Diameter of thread	4,5 mm
Diameter of core	3,1 mm
Diameter of shaft	4,5 mm
Diameter of head	8,0 mm
Imbus	3,5 mm
Drill bit for sliding hole	3,2 mm

Diametro de la rosca	4,5 mm
Diametro del nucleo	3,1 mm
Diametro de caña	4,5 mm
Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm
Broca para orificio deslizante	3,2 mm

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Großfragment - Schrauben

Large fragment Screws

Tornillos para fragmentos grandes

Malleolarschrauben 4,5 mm
Malleolar screws 4,5 mm
Tornillos maleolares 4,5 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

53-120-00	20 mm
53-120-02	25 mm
53-120-04	30 mm
53-120-06	35 mm
53-120-08	40 mm
53-120-10	45 mm
53-120-12	50 mm
53-120-14	55 mm
53-120-16	60 mm
53-120-18	65 mm
53-120-20	70 mm
53-120-22	80 mm



Malleolarschrauben 4,5 mm
Maleolar Screws 4,5 mm
Tornillos maleolares 4,5 mm

Gewindedurchmesser	4,5 mm
Kerndurchmesser	3,0 mm
Schaftdurchmesser	3,0 mm
Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm

Diameter of thread	4,5 mm
Diameter of core	3,0 mm
Diameter of shaft	3,0 mm
Diameter of head	8,0 mm
Imbus	3,5 mm
Drill bit for sliding hole	3,2 mm

Diametro de la rosca	4,5 mm
Diametro del nucleo	3,0 mm
Diametro de caña	3,0 mm
Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm
Broca para orificio deslizante	3,2 mm

Großfragment - Schrauben
Large fragment Screws
Tornillos para fragmentos grandes

Spongiaschrauben 6,5 mm Gewindelänge 16 mm
Malleolar screws 4,5 mm Length of thread 16 mm
Tornillos maleolares 4,5 mm longitud de rosca 16 mm

Spongiaschrauben 6,5 mm
Spongiosal Screws 6,5 mm
Tornillos esponjiosa 6,5 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

53-130-00	25 mm
53-130-02	30 mm
53-130-04	35 mm
53-130-06	40 mm
53-130-08	45 mm
53-130-10	50 mm
53-130-12	55 mm
53-130-14	60 mm
53-130-16	65 mm
53-130-18	70 mm
53-130-20	75 mm
53-130-22	80 mm
53-130-24	85 mm
53-130-26	90 mm
53-130-28	95 mm
53-130-30	100 mm
53-130-32	105 mm
53-130-34	110 mm

Gewindedurchmesser	6,5 mm
Gewindelänge	16 mm
Kerndurchmesser	3,0 mm
Schaftdurchmesser	4,5 mm
Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm
Bohrer für Schaft	4,5 mm

Diameter of thread	6,5 mm
Length of thread	16 mm
Diameter of core	3,0 mm
Diameter of shaft	4,5 mm
Diameter of head	8,0 mm
Imbus	3,5 mm
Drill bit for thread hole	3,2 mm
Drill bit for shaft	3,5 mm

Diametro de la rosca	6,5 mm
Longitud de rosca	16 mm
Diametro del nucleo	3,0 mm
Diametro de caña	4,5 mm
Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm
Broca para orificio de roscar	3,2 mm
Broca para caña	4,5 mm



Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Großfragment - Schrauben

Large fragment Screws

Tornillos para fragmentos grandes

Spongiaschrauben 6,5 mm Gewindelänge 16 mm
 Malleolar screws 4,5 mm Length of thread 16 mm
 Tornillos maleolares 4,5 mm longitud de rosca 16 mm

Spongiaschrauben 6,5 mm
 Spongiosa Screws 6,5 mm
 Tornillos espoliosa 6,5 mm

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud

53-140-00	35 mm
53-140-02	40 mm
53-140-04	45 mm
53-140-06	50 mm
53-140-08	55 mm
53-140-10	60 mm
53-140-12	65 mm
53-140-14	70 mm
53-140-16	75 mm
53-140-18	80 mm
53-140-20	85 mm
53-140-22	90 mm
53-140-24	95 mm
53-140-26	100 mm
53-140-28	105 mm
53-140-30	110 mm

Gewindedurchmesser	6,5 mm
Gewindelänge	32 mm
Kerndurchmesser	3,0 mm
Schaftdurchmesser	4,5 mm
Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm
Bohrer für Schaft	4,5 mm

Diameter of thread	6,5 mm
Length of thread	32 mm
Diameter of core	3,0 mm
Diameter of shaft	4,5 mm
Diameter of head	8,0 mm
Imbus	3,5 mm
Drill bit for thread hole	3,2 mm
Drill bit for shaft	3,5 mm

Diametro de la rosca	6,5 mm
Longitud de rosca	32 mm
Diametro del nucleo	3,0 mm
Diametro de caña	4,5 mm
Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm
Broca para orificio de roscar	3,2 mm
Broca para caña	4,5 mm



Großfragment - Schrauben
Large fragment Screws
Tornillos para fragmentos grandes

Spongiaschrauben 6,5 mm Vollgewinde
Malleolar screws 4,5 mm full threaded
Tornillos maleolares 4,5 mm rosca entera

Spongiaschrauben 6,5 mm
Spongiosa Screws 6,5 mm
Tornillos esponjosa 6,5 mm

Art. Nr.	Länge
Cat. No	Length
Cat. No	Longitud
53-150-00	25 mm
53-150-02	30 mm
53-150-04	35 mm
53-150-06	40 mm
53-150-08	45 mm
53-150-10	50 mm
53-150-12	55 mm
53-150-14	60 mm
53-150-16	65 mm
53-150-18	70 mm
53-150-20	75 mm
53-150-22	80 mm
53-150-24	85 mm
53-150-26	90 mm
53-150-28	95 mm
53-150-30	100 mm
53-150-32	105 mm
53-150-34	110 mm



Gewindedurchmesser	6,5 mm
Gewindelänge	voll
Kerndurchmesser	3,0 mm
Schaftdurchmesser	4,5 mm
Kopfdurchmesser	8,0 mm
Innensechskant	3,5 mm
Bohrer für Gewindeloch	3,2 mm
Bohrer für Schaft	4,5 mm

Diameter of thread	6,5 mm
Length of thread	full
Diameter of core	3,0 mm
Diameter of shaft	4,5 mm
Diameter of head	8,0 mm
Imbus	3,5 mm
Drill bit for thread hole	3,2 mm
Drill bit for shaft	3,5 mm

Diametro de la rosca	6,5 mm
Longitud de rosca	entero
Diametro del nucleo	3,0 mm
Diametro de caña	4,5 mm
Diametro de la cabeza	8,0 mm
Hexagono interior	3,5 mm
Broca para orificio de roscar	3,2 mm
Broca para caña	4,5 mm

Unterlagsscheibe
Washer
Arandella



53-155-00	ø 11,0 mm
53-155-10	ø 13,0 mm

Schmale und breite Kompressionsplatten
Narrow and broad Compression Plates
Placas estrechas y anchas de compression



Schmale Kompressionsplatte
Narrow Dynamic Plate
Placa dinamica estrecha

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-160-00	39 mm	2	53-160-16	167 mm	10
53-160-02	55 mm	3	53-160-18	183 mm	11
53-160-04	71 mm	4	53-160-20	194 mm	12
53-160-06	87 mm	5	53-160-22	215 mm	13
53-160-08	103 mm	6	53-160-24	231 mm	14
53-160-10	114 mm	7	53-160-26	247 mm	15
53-160-12	135 mm	8	53-160-28	263 mm	16
53-160-14	151 mm	9	53-160-30	289 mm	18



Breite Kompressionsplatte
Broad Dynamic Plate
Placa dinamica ancha

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-170-00	103 mm	6	53-170-12	199 mm	12
53-170-02	119 mm	7	53-170-14	215 mm	13
53-170-04	135 mm	8	53-170-16	231 mm	14
53-170-06	151 mm	9	53-170-18	247 mm	15
53-170-08	167 mm	10	53-170-20	263 mm	16
53-170-10	183 mm	11	53-170-22	295 mm	18

Schmale und breite Verlängerungsplatten
Narrow and broad Lengthening Plates
Placas de elongacion estrechas y anchas



Schmale Verlängerungsplatte mit 8 Löchern
Narrow Lengthening Plate with 8 holes
Placa de elongacion estrecha con 8 agujeros

Art. Nr. Cat. No. Cat. No.	Verlängerung Amount of lengthening Elongacion	Länge Lentgh Longitud	Art. Nr. Cat. No. Cat. No.	Verlängerung Amount of lengthening Elongacion	Länge Lentgh Longitud
53-180-00	30 mm	135 mm	53-180-06	60 mm	165 mm
53-180-02	40 mm	145 mm	53-180-08	70 mm	175 mm
53-180-04	50 mm	155 mm	53-180-10	80 mm	185 mm



Breite Verlängerungsplatte mit 8 Löchern
Broad Lengthening Plate with 8 holes
Placa de elongacion ancha con 8 agujeros

Art. Nr. Cat. No. Cat. No.	Verlängerung Amount of lengthening Elongacion	Länge Lentgh Longitud	Art. Nr. Cat. No. Cat. No.	Verlängerung Amount of lengthening Elongacion	Länge Lentgh Longitud
53-190-00	30 mm	135 mm	53-190-04	50 mm	155 mm
53-190-02	40 mm	145 mm	53-190-06	60 mm	165 mm



Breite Verlängerungsplatte mit 10 Löchern
Broad Lengthening Plate with 10 holes
Placa de elongacion ancha con 10 agujeros

Art. Nr. Cat. No. Cat. No.	Verlängerung Amount of lengthening Elongacion	Länge Lentgh Longitud	Art. Nr. Cat. No. Cat. No.	Verlängerung Amount of lengthening Elongacion	Länge Lentgh Longitud
53-200-00	50 mm	135 mm	53-200-08	90 mm	155 mm
53-200-02	60 mm	145 mm	53-200-10	100 mm	155 mm
53-200-04	70 mm	145 mm	53-200-12	110 mm	165 mm
53-200-06	80 mm	145 mm	53-200-14	120 mm	145 mm

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Formplatten Form Plates Placas de formas especiales

T - Abstützplatten für Schrauben 4,5 mm
T - Butress Plate for screws 4,5 mm
Placa de sosten en T para tornillos 4,5 mm

Art. Nr.	Länge	Löcher
Cat. No.	Length	Holes
Cat. No.	Longitud	Agujeros
53-210-00	80 mm	4
53-210-02	103 mm	5
53-210-04	116 mm	6



T - Platten für Schrauben 4,5 mm
T - Plate for screws 4,5 mm
Placa en forma de T para tornillos 4,5 mm

Art. Nr.	Länge	Löcher
Cat. No.	Length	Holes
Cat. No.	Longitud	Agujeros
53-220-00	68 mm	3
53-220-02	84 mm	4
53-220-04	100 mm	5
53-220-06	116 mm	6
53-220-08	148 mm	8
53-220-10	164 mm	9



L - Abstützplatten für Schrauben 4,5 mm
L - Butress Plate for screws 4,5 mm
Placa de sosten en L para tornillos 4,5 mm

Art. Nr.	Länge	Löcher
Cat. No.	Length	Holes
Cat. No.	Longitud	Agujeros
53-230-00	69 mm	4 links
53-235-00	69 mm	4 rechts
53-230-02	85 mm	4 links
53-235-02	85 mm	4 rechts
53-230-04	101 mm	4 links
53-235-04	101 mm	4 rechts
53-230-06	117 mm	4 links
53-235-06	117 mm	4 rechts



Löffelplatten für Schrauben 4,5 mm
Spoon Plate for screws 4,5 mm
Placa cuchara para tornillos 4,5 mm

Art. Nr.	Länge	Löcher
Cat. No.	Length	Holes
Cat. No.	Longitud	Agujeros
53-240-00	100 mm	5
53-240-10	120 mm	6



Formplatten
Form Plates
Placas de formas especiales



Rekonstruktionsplatten gerade (für Schrauben 4,5 mm)
Reconstructions Plate straight (for 4,5 mm screws)
Placa de reconstruccion recta (para tornillos de 4,5 mm)

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-250-00	45 mm	3	53-250-14	157 mm	10
53-250-02	61 mm	4	53-250-16	173 mm	11
53-250-04	77 mm	5	53-250-18	189 mm	12
53-250-06	93 mm	6	53-250-20	205 mm	13
53-250-08	109 mm	7	53-250-22	221 mm	14
53-250-10	125 mm	8	53-250-24	237 mm	15
53-250-12	141 mm	9	53-250-26	253 mm	16



Rekonstruktionsplatten gebogen (für Schrauben 4,5 mm)
Reconstructions Plate curved (for screws 4,5 mm)
Placa de reconstruccion curva (para tornillos de 4,5 mm)

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-260-00	61 mm	4
53-260-02	93 mm	6
53-260-04	125 mm	8
53-260-06	157 mm	10
53-260-08	189 mm	12
53-260-10	221 mm	14
53-260-12	253 mm	16

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Formplatten

Form Plates

Placas de formas especiales



Halbrohrplatten (für Schrauben 4,5 mm)
Semi tubular Plate (for screws 4,5 mm)
Placa medio de tubo (para tornillos de 4,5 mm)

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-270-00	39 mm	2	53-270-12	135 mm	8
53-270-02	55 mm	3	53-270-14	151 mm	9
53-270-04	71 mm	4	53-270-16	167 mm	10
53-270-06	87 mm	5	53-270-18	183 mm	11
53-270-08	103 mm	6	53-270-20	199 mm	12
53-270-10	119 mm	7			



Kondylenabstützplatte für Schrauben 4,5 mm
Condylar Butress Plate for screws 4,5 mm
Placa de sosten condilar para tonillos 4,5 mm

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-280-00	158 mm	7 links	53-285-00	158 mm	7 rechts
53-280-02	190 mm	9 links	53-285-02	190 mm	9 rechts
53-280-04	221 mm	11 links	53-285-04	221 mm	11 rechts
53-280-06	253 mm	13 links	53-285-06	253 mm	13 rechts
53-280-08	285 mm	15 links	53-285-08	285 mm	15 rechts

**Formplatten
Form Plates
Placas de formas especiales**



**Kreuzplatte für Schrauben 4,5 mm und 6,5 mm
Cobra Head Plate for screws 4,5 mm and 6,5 mm
Placa Cobra para tornillos 4,5 mm y 6,5 mm**

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-290-00	170 mm	8	53-290-04	202 mm	10
53-290-02	186 mm	9	53-290-06	218 mm	11



**Laterale Tibiakopf - Abstützplatte für Schrauben 4,5 mm und 6,5 mm
Lateral Tibia Head Plate for screws 4,5 and 6,5 mm
Placa de sosten lateral para tornillos de 4,5 y 6,5 mm**

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Löcher Holes Agujeros
53-300-00	158 mm	5 links	53-305-00	158 mm	5 rechts
53-300-02	190 mm	7 links	53-305-02	190 mm	7 rechts
53-300-04	221 mm	9 links	53-305-04	221 mm	9 rechts
53-300-06	253 mm	11 links	53-305-06	253 mm	11 rechts
53-300-08	285 mm	13 links	53-305-08	285 mm	13 rechts

Anatomische Knochenplatten
Anatomical Bone Plates
Placas anatomicas



Distal Tibia Platte
Distal Tibia Plate
Placa Distal para Tibia

Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros		Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros	
53-310-00	122 mm	7	links	53-315-00	122 mm	7	rechts
53-310-02	158 mm	9	links	53-315-02	158 mm	9	rechts
53-310-04	194 mm	11	links	53-315-04	194 mm	11	rechts
53-310-06	230 mm	13	links	53-315-06	230 mm	13	rechts



Proximal Tibia Platte
Proximal Tibia Plate
Placa Proximal para Tibia

Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros		Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros	
53-320-00	122 mm	7	links	53-325-00	122 mm	7	rechts
53-320-02	158 mm	9	links	53-325-02	158 mm	9	rechts
53-320-04	194 mm	11	links	53-325-04	194 mm	11	rechts
53-320-06	230 mm	13	links	53-325-06	230 mm	13	rechts

**Anatomische Knochenplatten
Anatomical Bone Plates
Placas anatomicas**



**Distal Femur Platte
Distal Femur Plate
Placa Distal para Femur**

Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros		Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros	
53-330-00	122 mm	7	links	53-335-00	122 mm	7	rechts
53-330-02	158 mm	9	links	53-335-02	158 mm	9	rechts
53-330-04	194 mm	11	links	53-335-04	194 mm	11	rechts
53-330-06	230 mm	13	links	53-335-06	230 mm	13	rechts



**Distal Tibia Platte für Fibula
Distal Tibia Plate for Fibulae
Placa Distal Tibia para Fibula**

Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros		Art. Nr. Cat. Nr. Cat. Nr.	Länge Length Longitud	Löcher Holes Agujeros	
53-340-00	122 mm	7	links	53-345-00	122 mm	7	rechts
53-340-02	158 mm	9	links	53-345-02	158 mm	9	rechts
53-340-04	194 mm	11	links	53-345-04	194 mm	11	rechts
53-340-06	230 mm	13	links	53-345-06	230 mm	13	rechts

Dynamische Hüftschraubenplatte mit Standard Zylinder 38 mm
Dynamic Hip Screw Plate with standard cilinder 38 mm
Placa de compresion dinamica para cadera con cilindro standard 38 mm



Hüftschraubenplatte 135°
Dynamic Hip Screw Plate 135°
Placa dinamica para cadera 135°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros

53-350-00	2
53-350-02	4
53-350-04	5
53-350-06	6
53-350-08	8
53-350-10	10
53-350-12	12
53-350-14	14

Hüftschraubenplatte 140°
Dynamic Hip Screw Plate 140°
Placa dinamica para cadera 140°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros

53-360-00	2
53-360-02	4
53-360-04	5
53-360-06	6
53-360-08	8
53-360-10	10
53-360-12	12
53-360-14	14

Hüftschraubenplatte 145°
Dynamic Hip Screw Plate 145°
Placa dinamica para cadera 145°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros

53-370-00	2
53-370-02	4
53-370-04	5
53-370-06	6
53-370-08	8
53-370-10	10
53-370-12	12
53-370-14	14

Hüftschraubenplatte 150°
Dynamic Hip Screw Plate 150°
Placa dinamica para cadera 150°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros

53-380-00	2
53-380-02	4
53-380-04	5
53-380-06	6
53-380-08	8
53-380-10	10
53-380-12	12
53-380-14	14

Dynamische Hüftschraubenplatte mit kurzem Zylinder 25 mm
Dynamic Hip Screw Plate with short cilinder 25 mm
Placa de compresion dinamica para cadera con cilindro corto 25 mm



Hüftschraubenplatte 135°
Dynamic Hip Screw Plate 135°
Placa dinamica para cadera 135°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros
53-400-00	2
53-400-02	4
53-400-04	5
53-400-06	6
53-400-08	8
53-400-10	10
53-400-12	12
53-400-14	14

Hüftschraubenplatte 140°
Dynamic Hip Screw Plate 140°
Placa dinamica para cadera 140°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros
53-410-00	2
53-410-02	4
53-410-04	5
53-410-06	6
53-410-08	8
53-410-10	10
53-410-12	12
53-410-14	14

Hüftschraubenplatte 145°
Dynamic Hip Screw Plate 145°
Placa dinamica para cadera 145°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros
53-420-00	2
53-420-02	4
53-420-04	5
53-420-06	6
53-420-08	8
53-420-10	10
53-420-12	12
53-420-14	14

Hüftschraubenplatte 150°
Dynamic Hip Screw Plate 150°
Placa dinamica para cadera 150°

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros
53-430-00	2
53-430-02	4
53-430-04	5
53-430-06	6
53-430-08	8
53-430-10	10
53-430-12	12
53-430-14	14

Kondylenschraubenplatte 95°
Dynamic Condylar Screw Plate 95°
Placa de compresion dinamica condylar para cadera 95 °



Zylinderlänge 25 mm. Zur Fixation mit Schrauben ø 4,5 und 6,5 mm
Length of barrel 25 mm. For Fixation with Screws ø 4, 5 mm and 6,5 mm
Longitud de tambor 25 mm. Para fijacion con tornillos ø 4,5 y 6,5 mm

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros
53-450-00	6
53-450-02	8
53-450-04	10
53-450-06	12
53-450-08	14
53-450-10	16



Kompressionsschraube
Compression Screws
Tornillo de compresion

Art. Nr.	Länge
Cat. No.	Length
Cat. No.	Longitud
53-460-00	50 mm

Großfragmentsortiment Set of large fragments Sortimento de grandes fragmentos



Zugschraube
Dynamic Compressions Screws
Tornillo deslizante

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
53-470-00	50 mm	53-470-20	100 mm
53-470-02	55 mm	53-470-22	105 mm
53-470-04	60 mm	53-470-24	110 mm
53-470-06	65 mm	53-470-26	115 mm
53-470-08	70 mm	53-470-28	120 mm
53-470-10	75 mm	53-470-30	125 mm
53-470-12	80 mm	53-470-32	130 mm
53-470-14	85 mm	53-470-34	135 mm
53-470-16	90 mm	53-470-36	140 mm
53-470-18	95 mm	53-470-38	145 mm



Zugschraube selbstschneidend
Dynamic Compressions Screws self tapping
Tornillo deslizante autoroscante

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud	Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
53-475-00	50 mm	53-475-20	100 mm
53-475-02	55 mm	53-475-22	105 mm
53-475-04	60 mm	53-475-24	110 mm
53-475-06	65 mm	53-475-26	115 mm
53-475-08	70 mm	53-475-28	120 mm
53-475-10	75 mm	53-475-30	125 mm
53-475-12	80 mm	53-475-32	130 mm
53-475-14	85 mm	53-475-34	135 mm
53-475-16	90 mm	53-475-36	140 mm
53-475-18	95 mm	53-475-38	145 mm

Großfragmentsortiment
Set of large fragments
Sortimento de grandes fragmentos

Instrumentarium nur für DHS
Instrumentation only for DHS
Instrumentario solo para DHS



53-480-00 Dreistufenbohrer für Hüftschraube
Triple Reamer, complete
Fresa triple, completa



53-485-00 Zielgerät kombiniert 135° - 150°
Drill Guide combined 135° - 150°
Ajustador de angulos combinado 135° - 145°

Instrumentarium nur für DCS
Instrumentation only for DCS
Instrumentario solo para DCS



53-490-00 Dreistufenbohrer, komplet
Triple Reamer, complete
Fresa triple, completa



53-495-00 Zielgerät
Drill Guide
Ajustador de angulo

**Instrumentarium für DHS und DCS
Instrumentation for DHS and DCS
Instrumentario para DHS y DCS**



53-500-00 Führungsschaft zu Verbindungsschraube
Guide Shaft for insertion of coupling Screws
Guia para acoplar el tornillo



53-505-00 Verbindungsschraube
Guide Shaft
Tornillo de enlace



53-510-00 Lange Verbindungsschraube (nur zur Entfernung)
Coupling Screw for Femoral Dynamic Hip Screw
Pieza saca tornillos



53-515-00 Schlüssel für Zugschraube
Wrench
Llave para tornillo deslizante



53-520-00 Einschlagbolzen
Impactor
Impactor



53-525-00 Führungsdraht mit Gewindespitze ø 2,5 mm Länge 230 mm
Calibrated Threaded Guide Pin ø 2,5 mm, 230 mm Length, 10 mm Thread
Guia calibrada con rosca ø 2,5 mm, longitud 230 mm, 10 mm de rosca

Instrumentarium für DHS und DCS
Instrumentation for DHS and DCS
Instrumentario para DHS y DCS



53-530-00 Messtab
Measuring Gauge
Medidor



53-535-00 Gewindeschneider
Tap
Macho



53-540-00 Zentrierhülse für Gewindeschneider
Guide Sleeve, short, for tapping
Guia centradora, corta



53-545-00 Zentrierhülse für Schlüssel
Guide Sleeve, long for screwing in of the traction screws
Guia centradora para llave



53-550-00 T - Handgriff mit Schnellkupplung
Handle
Mango en T con acoplamiento rapido

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos



Smith - Peterson Nagel

Smith Peterson Nails

Clavo de Smith Peterson

60 mm	65 mm	70 mm	75 mm	80 mm	85 mm	90 mm	95 mm
53-560-00	53-560-02	53-560-04	53-560-06	53-560-08	53-560-10	53-560-12	53-560-14
100 mm	105 mm	110 mm	115 mm	120 mm	125 mm	130 mm	135 mm
53-560-16	53-560-18	53-560-20	53-560-22	53-560-24	53-560-26	53-560-28	53-560-30
140 mm	145 mm						
53-560-32	53-560-34						



Mc Laughlin Platten

Mc Laughlin Plate

Placa Mc Laughlin

Art. Nr.	Löcher
Cat. No.	Holes
Cat. No.	Agujeros
53-570-00	3
53-570-02	5
53-570-04	7
53-570-06	12



53-580-00

Komponenten zur Verschraubung des Nagels mit der Platte

Components for screwing Nail with Plate

Componentes para atornillar el clavo con la placa



Instrumentarium für Smith Peterson und Mc Laughlin
Instrumentation for Smith Peterson and Mc Laughlin
Instrumentario para Smith Peterson y Mc Laughlin



53-585-00 Einschläger
Nailstarter
Impactor Guia



53-590-00 Einschläger Ausschläger Lloyd
Impactor Extractor Lloyd
Impactor Extractor Lloyd



53-595-00 Einschläger Ausschläger
Impactor Extractor
Impactor Extractor



53-600-00 Nagelführer
Nail Driver
Empujador - Impactor

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Jewett Nagelplatte 135°

Jewett Nail Plate 135°

Clavo placa Jewett 135°



3 Loch Plattenlänge: 90 mm

3 holes Length of plate: 90 mm

3 agujeros Longitud de placa: 90 mm

Nagellänge • Nail length • Longitud de clavo

57 mm	63 mm	70 mm	76 mm	82 mm	89 mm	95 mm	102 mm	108 mm	114 mm	121 mm
53-610-00	53-610-05	53-610-10	53-610-15	53-610-20	53-610-25	53-610-30	53-610-35	53-610-40	53-610-45	53-610-50

5 Loch Plattenlänge: 130 mm

5 holes Length of plate: 130 mm

5 agujeros Longitud de placa: 130 mm

Nagellänge • Nail length • Longitud de clavo

57 mm	63 mm	70 mm	76 mm	82 mm	89 mm	95 mm	102 mm	108 mm	114 mm	121 mm
53-615-00	53-615-05	53-615-10	53-615-15	53-615-20	53-615-25	53-615-30	53-615-35	53-615-40	53-615-45	53-615-50

7 Loch Plattenlänge: 165 mm

7 holes Length of plate: 165 mm

7 agujeros Longitud de placa: 165 mm

Nagellänge • Nail length • Longitud de clavo

57 mm	63 mm	70 mm	76 mm	82 mm	89 mm	95 mm	102 mm	108 mm	114 mm	121 mm
53-620-00	53-620-05	53-620-10	53-620-15	53-620-20	53-620-25	53-620-30	53-620-35	53-620-40	53-620-45	53-620-50

10 Loch Plattenlänge: 220 mm

10 holes Length of plate: 220 mm

10 agujeros Longitud de placa: 220 mm

Nagellänge • Nail length • Longitud de clavo

57 mm	63 mm	70 mm	76 mm	82 mm	89 mm	95 mm	102 mm	108 mm	114 mm	121 mm
53-625-00	53-625-05	53-625-10	53-625-15	53-625-20	53-625-25	53-625-30	53-625-35	53-625-40	53-625-45	53-625-50

12 Loch Plattenlänge: 260 mm

12 holes Length of plate: 260 mm

12 agujeros Longitud de placa: 260 mm

Nagellänge • Nail length • Longitud de clavo

57 mm	63 mm	70 mm	76 mm	82 mm	89 mm	95 mm	102 mm	108 mm	114 mm	121 mm
53-630-00	53-630-05	53-630-10	53-630-15	53-630-20	53-630-25	53-630-30	53-630-35	53-630-40	53-630-45	53-630-50

**Instrumentarium für Jewett Platten
Instrumentation for Jewett Plate
Instrumentario para Placas de Jewett**



53-595-00 Einschläger Ausschläger
Impactor Extractor
Impactor Extractor



53-645-00 Einschläger Ausschläger
Impactor Extractor
Impactor Extractor



53-585-00 Einschläger
Nailstarter
Impactor Guia

Großfragmentsortiment

Set of large fragments

Sortimento de grandes fragmentos

Winkelplatten 130° Angled Blade Plates 130° Placa pertrocantera 130°



Profil:
Dicke: 5,6 mm
Breite: 16,0 mm
Lochabstand: 16,0 mm
Klinge U - Profil: 6,5 mm x 16 mm

4 Loch • 4 Holes • 4 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina	Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-660-00	50 mm	53-660-12	90 mm
53-660-02	60 mm	53-660-14	95 mm
53-660-04	70 mm	53-660-16	100 mm
53-660-06	75 mm	53-660-18	105 mm
53-660-08	80 mm	53-660-20	110 mm
53-660-10	85 mm		

6 Loch • 6 Holes • 6 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina	Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-665-00	50 mm	53-665-06	80 mm
53-665-02	60 mm	53-665-08	90 mm
53-665-04	70 mm		

9 Loch • 9 Holes • 9 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-670-00	70 mm
53-670-02	80 mm
53-670-04	90 mm

12 Loch • 12 Holes • 12 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-675-00	70 mm
53-675-02	80 mm
53-675-04	90 mm

**Kondylenplatten 95°
Condylar Plates 95°
Placas condilares 95°**



Profil:
Dicke: 5,6 mm
Breite: 16,0 mm
Lochabstand: 16,0 mm
Klinge U - Profil: 6,5 mm x 16 mm

5 Loch • 5 Holes • 5 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-680-00	50 mm
53-680-02	60 mm
53-680-04	70 mm
53-680-06	80 mm

7 Loch • 7 Holes • 7 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-685-00	50 mm
53-685-02	60 mm
53-685-04	70 mm
53-685-06	80 mm

9 Loch • 9 Holes • 9 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-690-00	50 mm
53-690-02	60 mm
53-690-04	70 mm
53-690-06	80 mm

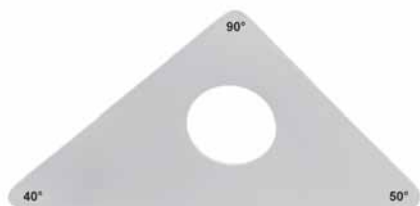
12 Loch • 12 Holes • 12 agujeros

Art. Nr Cat. No. Cat. No.	Klingenlänge Length of Blade Longitud de lamina
53-695-00	50 mm
53-695-02	60 mm
53-695-04	70 mm
53-695-06	80 mm

Instrumente für Winkel - und Kondylenplatten
Instruments for Angled Blade - and Condylar Plates
Instrumentos para placas pertrocanteras y placas condilares



53-700-00 Dreieckige Positionierplatte 80°/70°/30°
Triangular Positioning Plate 80°/70°/30°
Placa triangular para posicionar 80°/70°/30°



53-700-02 Dreieckige Positionierplatte 90°/50°/40°
Triangular Positioning Plate 90°/50°/40°
Placa triangular para posicionar 90°/50°/40°



53-700-04 Dreieckige Positionierplatte 100°/60°/20°
Triangular Positioning Plate 100°/60°/20°
Placa triangular para posicionar 100°/60°/20°

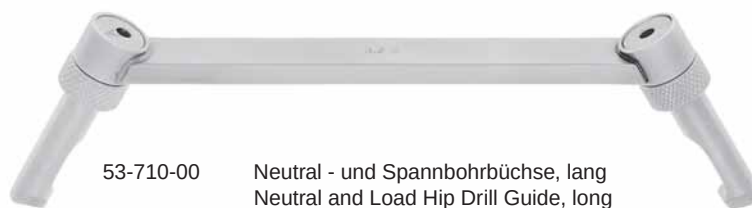
Instrumente für Winkel - und Kondylenplatten
Instruments for Angled Blade - and Condylar Plates
Instrumentos para placas pertrocanteras y placas condilares



53-700-10 Zielplatte für Varisationsosteotomie 80°/70°/30°
Quadrangular Positioning Plate 80°/70°/30°
Placa cuadrada para posicionar 80°/70°/30°



53-705-00 Kondylenzielgerät
Condylar Plate Guide
Plantilla para placas condilares



53-710-00 Neutral - und Spannbohrbüchse, lang
Neutral and Load Hip Drill Guide, long
Guía de broca neutral y para tension, larga

Instrumente für Winkel - und Kondylenplatten
Instruments for Angled Blade - and Condylar Plates
Instrumentos para placas pertrcanteras y placas condilares



53-715-00 Dreifache Bohrbüchse gewinkelt 130°
Triple Drill Guide fixed angle 130°
Guia triple con visor 130°



53-720-00 Bohrbüchse für Platten mit Rundlöcher 60 mm lang
Drill Guide for round hole Plates, 60 mm long
Guia de broca para placas con agujeros redondos, 60 mm de largo



53-725-00 Kopfraumfräser mit AO Schaft Zapfen 3,2 mm
Reamer with end for quick coupling tip 3,2 mm
Fresa con mango para acoplamiento rapido punta 3,2 mm



53-730-00 Führungsplatte mit verstellbarem Winkel
Chisel Guide with adjustable angle
Controlador de angulos para escoplos

Instrumente für Winkel - und Kondylenplatten
Instruments for Angled Blade - and Condylar Plates
Instrumentos para placas pertrcanteras y placas condilares



53-735-00 Ein - und Ausschlaginstrument für Winkelplatte
Insertor Extractor
Impactor Extractor de angulo variable



53-740-00 Plattensitzinstrument
Seating Chisel
Escoplo - guia graduada



50-450-00 Schlitzhammer
Slotted Hammer
Martillo diapason



53-750-00 Nachschlagbolzen
Impactor
Impactor

**Grundinstrumentarium
Basic Instrumentarium
Instrumentario general**



- 53-820-00 Spiralbohrer ø 3,2 mm Anschluss für Schnellkupplung 145 mm lang
Drill Bit ø 3,2 mm with AO Shaft 145 long
Broca ø 3,2 mm para acoplamiento rapido 145 largo
- 53-820-05 Spiralbohrer ø 3,2 mm Anschluss für Schnellkupplung 195 mm lang
Drill Bit ø 3,2 mm with AO Shaft 195 long
Broca ø 3,2 mm para acoplamiento rapido 195 largo



- 53-825-00 Spiralbohrer ø 3,2 mm Rundschaft 145 mm lang
Drill Bit ø 3,2 mm round Shaft 145 long
Broca ø 3,2 mm vastago redondo 145 largo
- 53-825-05 Spiralbohrer ø 3,2 mm Rundschaft 195 mm lang
Drill Bit ø 3,2 mm round Shaft 195 long
Broca ø 3,2 mm vastago redondo 195 largo



- 53-830-00 Spiralbohrer ø 4,5 mm Anschluss für Schnellkupplung 145 mm lang
Drill Bit ø 4,5 mm with AO Shaft 145 long
Broca ø 4,5 mm para acoplamiento rapido 145 largo
- 53-830-05 Spiralbohrer ø 4,5 mm Anschluss für Schnellkupplung 195 mm lang
Drill Bit ø 4,5 mm with AO Shaft 195 long
Broca ø 4,5 mm para acoplamiento rapido 195 largo



- 53-835-00 Spiralbohrer ø 4,5 mm Rundschaft 145 mm lang
Drill Bit ø 4,5 mm round Shaft 145 long
Broca ø 4,5 mm vastago redondo 145 largo
- 53-835-05 Spiralbohrer ø 4,5 mm Rundschaft 195 mm lang
Drill Bit ø 4,5 mm round Shaft 195 long
Broca ø 4,5 mm vastago redondo 195 largo

**Grundinstrumentarium
Basic Instrumentarium
Instrumentario general**



- 53-840-00 $\varnothing$ 4,5 mm Gewindeschneider, 110 mm lang, kurzes Gewinde
Tap $\varnothing$ 4,5 mm, 110 mm long, short threaded
Macho $\varnothing$ 4,5 mm, longitud 110 mm, rosca corta



- 53-845-00 Gewindeschneider $\varnothing$ 4,5 mm, 70 mm lang, langes Gewinde
Tap $\varnothing$ 4,5 mm, 70 mm long, long threaded
Macho $\varnothing$ 4,5 mm, longitud 70 mm, rosca larga



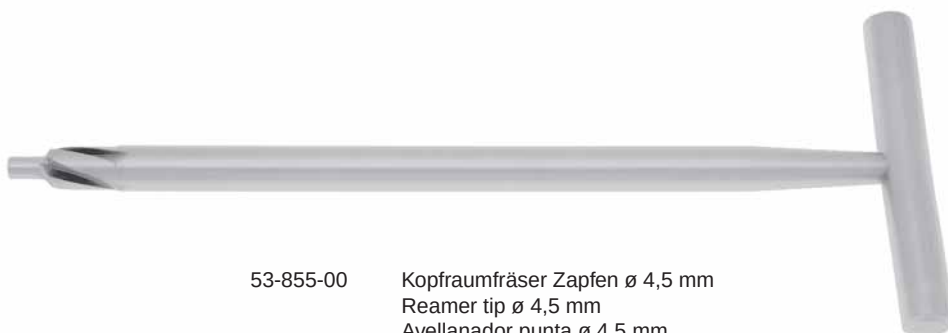
- 53-845-05 Gewindeschneider $\varnothing$ 4,5 mm, 70 mm lang, langes Gewinde mit T - Griff
Tap $\varnothing$ 4,5 mm, 70 mm long, long threaded with T - Bar
Macho $\varnothing$ 4,5 mm, longitud 70 mm, rosca larga con mango en T

- 53-850-05 Gewindeschneider $\varnothing$ 6,5 mm mit T- Griff
Tap $\varnothing$ 6,5 mm with T - Bar
Macho $\varnothing$ 6,5 mm con mango en T



- 53-850-00 Gewindeschneider $\varnothing$ 6,5 mm
Tap $\varnothing$ 6,5 mm
Macho $\varnothing$ 6,5 mm

Grundinstrumentarium
Basic Instrumentarium
Instrumentario general



53-855-00 Kopfraumfräser Zapfen $\varnothing$ 4,5 mm
Reamer tip $\varnothing$ 4,5 mm
Avellanador punta $\varnothing$ 4,5 mm



53-860-00 Griffstück für Gewindeschneider mit Schnellkupplung
Handle for taps with quick coupling
Mandril para machos de acoplamiento rapido



53-860-05 Griffstück
Handle
Mandril

**Grundinstrumentarium
Basic Instrumentarium
Instrumentario general**



53-870-00 Schraubenzieher 6 - kant 3,5 mm SW
Hexagonal screw driver width across flats 3,5 mm
Destornillador hexagonal 3,5 mm



53-875-00 Schraubenziehereinsatz 6 - kant 3,5 mm SW
Hexagonal Screwdriver for quick coupling 3,5 mm
Destornillador para acoplamiento rapido 3,5 mm



53-880-00 Schraubenmeßgerät für große Schrauben
Depth Gauge for 4,5 mm and 6,5 mm screws
Medidor de profundidad para tornillos de 4,5 mm y 6,5 mm



51-380-00 Scharfer Haken
Sharp Hook
Gancho agudo

**Grundinstrumentarium
Basic Instrumentarium
Instrumentario general**



53-900-00 Doppelbohrbüchse 6,5 / 3,2 mm
Drill Sleeve 6,5 mm / 3,2 mm
Guia de broca 6,5 mm / 3,2 mm



53-905-00 Doppelbohrbüchse 4,5 / 3,2 mm
Drill Sleeve 4,5 mm / 3,2 mm
Guia de broca 4,5 mm / 3,2 mm

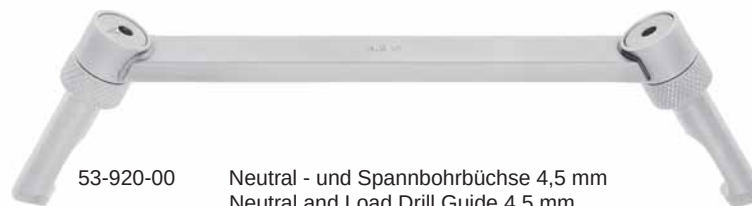


53-910-00 Gewebeschutzhülse ø 3,5 mm
Drill Guide ø 3,5 mm
Guia de broca ø 3,5 mm



53-915-00 Bohrbüchse für Halbbohrplatten und Formplatten ø 3,2 mm
Drill Guide for Semi Tubular Plates and Formed Plates ø 3,2 mm
Guia de broca para placas semitubulares y placas en formas especiales ø 3,2 mm

Grundinstrumentarium
Basic Instrumentarium
Instrumentario general



53-920-00

Neutral - und Spannbohrbüchse 4,5 mm
Neutral and Load Drill Guide 4,5 mm
Guia de broca neutral y para tension 4,5 mm



53-925-00

Gewebeschutzhülse für Bohrer ø 4,5 mm
Tap Sleeve for drill bit ø 4,5 mm
Guia dentada con casquillo ø 4,5 mm



53-930-00

Zielgerät mit Spitze
Pointed Drill Guide
Centrador de perforacion fijo



53-935-00

Steck - Bohrbüchse für Bohrer ø 3,2 mm
Insert Drill Sleeve for drill bit ø 3,2 mm
Casquillo centradores

Grundinstrumentarium
Basic Instrumentarium
Instrumentario general



53-940-00 Bohrlehre für Plattenspanner
Drill Sleeve for Tension Device
Guía de perforación para tensor



53-945-00 Plattenspanner Spannweg 8 mm
8 mm screw - type Compression
Tensor de placas carrera 8 mm



53-945-05 Plattenspanner mit Gelenken Spannweg 20 mm
Articulated Tension Device with indicator span 20 mm
Tensor de placas carrera 20 mm con charnela

Grundinstrumentarium
Basic Instrumentarium
Instrumentario general



53-950-00 Kardanschlüssel 11 mm SW
Socket Wrench width across flats 11 mm
Llave cardan de 11 mm



53-955-00 Gabelschlüssel 11 mm SW
Combination Wrench width across flats 11 mm
Llave de 11 mm



53-960-00 Stiftschlüssel
Pin Wrench
Palanca para tensor



51-720-00 Selbsthaltende Schraubenpinzette
Screw Forceps selfholding
Pinza fijadora

Grundinstrumentarium
Basic Instrumentarium
Instrumentario general



Biegeschablone
Bending Template
Schablon para doblar

Art. Nr	Löcher
Cat. No	Holes
Cat. No	Agujeros
53-970-00	5
53-970-02	7
53-970-04	9



51-710-00 Messlehre für Schrauben
Measuring Plate for screws
Medidor para tornillos

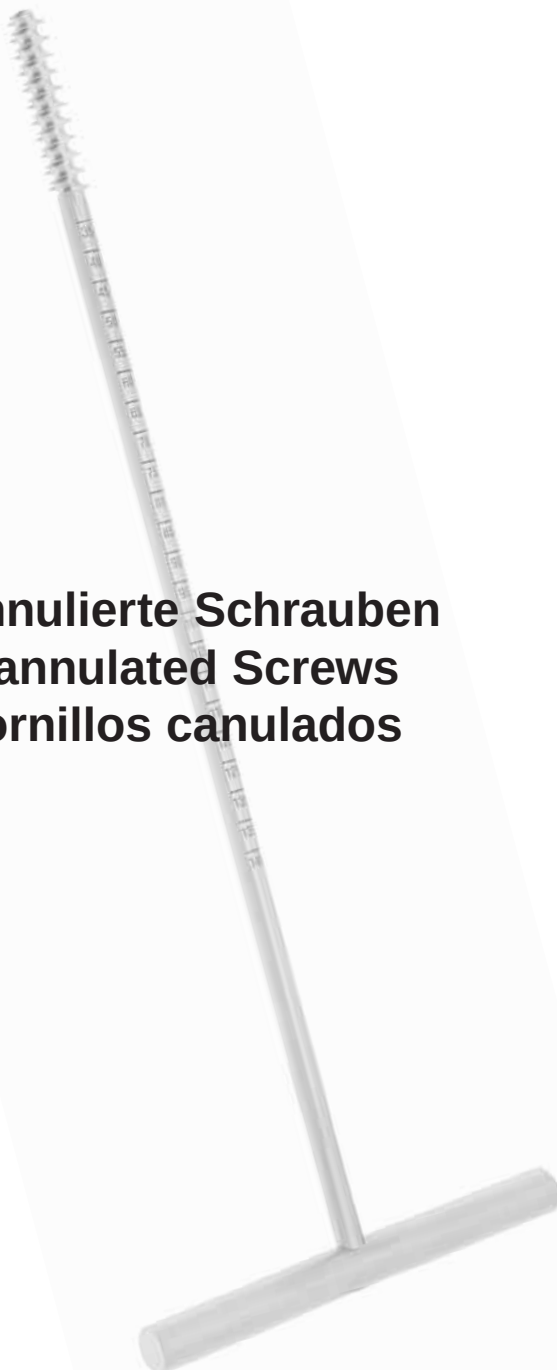
Grundinstrumentarium
Basic Instrumentarium
Instrumentario general



53-980-00 Schränkeisen 4 / 6 mm
Bending Iron 4 / 6 mm
Llave dobladora 4 / 6 mm



53-990-00 Biegepresse
Bending Device
Prensa dobladora

A medical cannulated screw is shown vertically, oriented diagonally from the bottom right to the top left. The screw has a long, thin shaft with a series of small, evenly spaced holes along its length. At the top, the threads are visible. At the bottom, there is a T-shaped handle. The entire assembly is set against a light gray, slightly tilted rectangular background.

Kannulierte Schrauben
Cannulated Screws
Tornillos canulados

Hohlschraubensystem
Cannulated Screws
Tornillos canulados



Hohlschraube, $\varnothing$ 7,0 mm, Innensechskant 5,0 mm, Gewindelänge 16 mm
Cannulated Screw, $\varnothing$ 7,0 mm, Imbus 5,0 mm, Length of thread 16 mm
Tornillo canulado, $\varnothing$ 7,0 mm, Hexagono interior 5,0 mm, Longitud de rosca 16 mm



Hohlschraube, $\varnothing$ 7,0 mm, Innensechskant 5,0 mm, Gewindelänge 32 mm
Cannulated Screw, $\varnothing$ 7,0 mm, Imbus 5,0 mm, Length of thread 32 mm
Tornillo canulado, $\varnothing$ 7,0 mm, Hexagono interior 5,0 mm, Longitud de rosca 32 mm



Hohlschraube, $\varnothing$ 4,0 mm, Innensechskant 2,5 mm
Cannulated Screw, $\varnothing$ 7,0 mm, Imbus 2,5 mm
Tornillo canulado, $\varnothing$ 7,0 mm, Hexagono interior 2,5 mm



Hohlschraube, $\varnothing$ 4,5 mm, Innensechskant 3,5 mm
Cannulated Screw, $\varnothing$ 4,5 mm, Imbus 3,5 mm
Tornillo canulado, $\varnothing$ 4,5 mm, Hexagono interior 3,5 mm

Hohlschraubensystem
Cannulated Screws
Tornillos canulados

Hohlschrauben 7 mm Gewindelänge 16 mm
 Cannulated Screws 7 mm Length of thread 16 mm
 Tornillos canulados 7 mm longitud de rosca 16 mm

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
55-100-00	25 mm
55-100-02	30 mm
55-100-04	35 mm
55-100-06	40 mm
55-100-08	45 mm
55-100-10	50 mm
55-100-12	55 mm
55-100-14	60 mm
55-100-16	65 mm
55-100-18	70 mm
55-100-20	75 mm
55-100-22	80 mm
55-100-24	85 mm
55-100-26	90 mm
55-100-28	95 mm
55-100-30	100 mm
55-100-32	105 mm
55-100-34	110 mm
55-100-36	115 mm
55-100-38	120 mm

Hohlschrauben 7 mm Gewindelänge 32 mm
 Cannulated Screws 7 mm Length of thread 32 mm
 Tornillos canulados 7 mm longitud de rosca 32 mm

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
55-110-00	40 mm
55-110-02	45 mm
55-110-04	50 mm
55-110-06	55 mm
55-110-08	60 mm
55-110-10	65 mm
55-110-12	70 mm
55-110-14	75 mm
55-110-16	80 mm
55-110-18	85 mm
55-110-20	90 mm
55-110-22	95 mm
55-110-24	100 mm
55-110-26	105 mm
55-110-28	110 mm
55-110-30	115 mm
55-110-32	120 mm

Hohlschrauben 4,0 mm
 Cannulated Screws 4,0 mm
 Tornillos canulados 4,0 mm

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
55-120-00	10 mm
55-120-02	12 mm
55-120-04	14 mm
55-120-06	16 mm
55-120-08	18 mm
55-120-10	20 mm
55-120-12	22 mm
55-120-14	24 mm
55-120-16	26 mm
55-120-18	28 mm
55-120-20	30 mm

Hohlschrauben 4,5 mm
 Cannulated Screws 4,5 mm
 Tornillos canulados 4,5 mm

Art. Nr. Cat. No. Cat. No.	Länge Length Longitud
55-130-00	25 mm
55-130-02	30 mm
55-130-04	35 mm
55-130-06	40 mm
55-130-08	45 mm
55-130-10	50 mm
55-130-12	55 mm
55-130-14	60 mm

Hohlschraubensystem - Instrumente
Instruments for cannulated Screws
Instrumentos para tornillos canulados



55-140-00 Bohrer durchgebohrt Ø 5,0 mm
Drill Bit canulated Ø 5,0 mm
Broca canulada Ø 5,0 mm



55-150-00 Kortikalis Senker durchbohrt Ø 4,5 mm
Cortex Reamer canulated Ø 4,5 mm
Avellandor canulado Ø 4,5 mm

55-150-10 Kortikalis Senker durchbohrt Ø 7,0 mm
Cortex Reamer canulated Ø 7,0 mm
Avellandor canulado Ø 7,0 mm



55-160-00 Bohrer durchgebohrt Ø 5,0 mm
Drill Bit canulated Ø 5,0 mm
Broca canulada Ø 5,0 mm

Hohlschraubensystem - Instrumente
Instruments for cannulated Screws
Instrumentos para tornillos canulados



55-170-00

Gewindeschneider ø 4,5 mm
 Tap ø 4,5 mm
 Macho ø 4,5 mm

55-170-10

Gewindeschneider ø 7,0 mm
 Tap ø 7,0 mm
 Macho ø 7,0 mm



Schraubenzieher durchbohrt
 Screw Driver cannulated
 Destornillador canulado

55-180-00

Für 4,0 mm Schrauben
 For 4,0 mm Screws
 Para tornillos de 4,0 mm

55-180-10

Für 4,5 mm Schrauben
 For 4,5 mm Screws
 Para tornillos de 4,5 mm

55-180-20

Für 7,0 mm Schrauben
 For 7,0 mm Screws
 Para tornillos de 7,0 mm



Schraubenzieher mit T - Griff
 Screw Driver with T - Handle
 Destornillador con mango en T

55-190-00

Für 4,0 mm Schrauben
 For 4,0 mm Screws
 Para tornillos de 4,0 mm

55-190-10

Für 4,5 mm Schrauben
 For 4,5 mm Screws
 Para tornillos de 4,5 mm

55-190-20

Für 7,0 mm Schrauben
 For 7,0 mm Screws
 Para tornillos de 7,0 mm

Hohlschrauben

Cannulated screws

Tornillos canulados



55-200-00 Parallelzielgerät
Parallel Target Device
Centrador paralelo



55-210-00 Gewebeschutzhülse
Tissue Protector
Protector de tejidos

Unterlagsscheiben für Hohlschrauben
Washer for Hollow Screws
Arandelas para tornillos huecos



55-220-00
ø 18,0 mm



55-220-10
ø 15,0 mm



55-220-20
13,0 mm



**Klammern
Staples
Grapas**

Epiphysen Klammer aus rostfreiem Stahl
Epiphyseal Staples stainless Steel
Grapas para epifisis de acero inoxidable



56-100-00
24 x x33 x 4,8 mm

56-100-10
24 x 33 x 9,5 mm

56-100-20
24 x 33 x 14 mm



Artikel Nr.	Durchmesser	Breite	Länge
56-110-00	2,5 mm	22 mm	19 mm
56-110-10	2,5 mm	16 mm	19 mm
56-110-20	1,5 mm	22 mm	19 mm
56-110-30	1,5 mm	16 mm	19 mm

Andere Längen auf Wunsch lieferbar



56-120-00 Klammern Entferner
Staple Extractor
Saca Grapas



56-130-00 Klammernführer
Staple Driver
Conductor de grapas



56-140-00 Einschläger
Staple Inserter
Mete grapas

Epiphysenklammern Epiphiseal Staples Grapas para epiphisis



56-150-00
6 mm

56-150-10
8 mm

56-150-20
11 mm

56-150-30
14 mm



56-160-00 Einschläger
Impactor
Impactor

Draht und Bügel
Wire and Wire Extension Bows
Alambre e Estribos

Draht und Bügelsortiment

Set of wire and extension bows

Sortimento de alambre e estribos



Kirschner Bügel, Amerikanisches Model
Kirschner Bow, American type
Estribo de Kirschner, modelo americano

Art. No.: Cat. No. Cat. No.:	Größe Size Tamaño	Max. Maulöffnung Max. Jaw Opening Max. Apertura de boca
57-100-00	Klein / Small / Pequeño	130 mm
57-100-10	Mittel / Medium / Mediano	185 mm
57-100-20	Groß / Large / Grande	220 mm

Kirschner Bügel
Kirschner Extension Bow
Estribo de Kirschner

Art. No.: Cat. No. Cat. No.:	Größe Size Tamaño
57-110-00	40 x 140 mm
57-110-10	60 x 220 mm



Böhler Bügel
Böhler Extension Bow
Estribo de Böhler

Art. No.: Cat. No. Cat. No.:	Innenlänge Inside Length Longitud interior	Innenbreite Inside Width Aertura interior
57-120-00	90 mm	75 mm
57-120-10	160 mm	90 mm
57-120-20	210 mm	110 mm



Draht und Bügelsortiment

Set of wire and extension bows

Sortimento de alambre e estribos



Kirschner Bügel
Kirschner Extension Bow
Estríbo de Kirschner

57-130-00	20,0 cm x 15,5 cm
57-130-05	15,5 cm x 15,5 cm
57-130-10	13,5 cm x 13,0 cm
57-130-15	12,0 cm x 12,0 cm
57-130-20	10,5 cm x 10,0 cm
57-130-25	9,5 cm x 11,0 cm
57-130-30	9,5 cm x 7,0 cm



57-140-00 Drahtspanner für Kirschner Bügel
Wire Strainer for Kirschner Extension Bow
Tensor para estríbo de Kirschner



57-150-00 Gabelschlüssel SW 14 / 17 mm
Screw Nut Wrench 14 / 17 mm
Llave 14 / 17 mm

Draht und Bügelsortiment
Set of wire and extension bows
Sortimento de alambre e estribos

Steimannnagel
Steinmann Pin
Clavo de Steinmann



Spitze Point Punta	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar
Schaft Shaft Vastago	Rund Round Redondo	Rund Round Redondo	Rund Round Redondo	Rund Round Redondo
Dia Length	3,5 mm	4,0 mm	4,5 mm	5,0 mm
80 mm	57-200-00	57-210-00	57-220-00	57-230-00
100 mm	57-200-02	57-210-02	57-220-02	57-230-02
120 mm	57-200-04	57-210-04	57-220-04	57-230-04
140 mm	57-200-06	57-210-06	57-220-06	57-230-06
160 mm	57-200-08	57-210-08	57-220-08	57-230-08
180 mm	57-200-10	57-210-10	57-220-10	57-230-10
200 mm	57-200-12	57-210-12	57-220-12	57-230-12
220 mm	57-200-14	57-210-14	57-220-14	57-230-14
230 mm	57-200-16	57-210-16	57-220-16	57-230-16
240 mm	57-200-18	57-210-18	57-220-18	57-230-18
260 mm	57-200-20	57-210-20	57-220-20	57-230-20
280 mm	57-200-22	57-210-22	57-220-22	57-230-22
300 mm	57-200-24	57-210-24	57-220-24	57-230-24

**Steimannnagel
Steinmann Pin
Clavo de Steinmann**



Spitze Point Punta	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar
Schaft Shaft Vastago	Dreikant Triangular Triangular	Dreikant Triangular Triangular	Dreikant Triangular Triangular	Dreikant Triangular Triangular
Dia Length	3,5 mm	4,0 mm	4,5 mm	5,0 mm
80 mm	57-240-00	57-250-00	57-260-00	57-270-00
100 mm	57-240-02	57-250-02	57-260-02	57-270-02
120 mm	57-240-04	57-250-04	57-260-04	57-270-04
140 mm	57-240-06	57-250-06	57-260-06	57-270-06
160 mm	57-240-08	57-250-08	57-260-08	57-270-08
180 mm	57-240-10	57-250-10	57-260-10	57-270-10
200 mm	57-240-12	57-250-12	57-260-12	57-270-12
220 mm	57-240-14	57-250-14	57-260-14	57-270-14
230 mm	57-240-16	57-250-16	57-260-16	57-270-16
240 mm	57-240-18	57-250-18	57-260-18	57-270-18
260 mm	57-240-20	57-250-20	57-260-20	57-270-20
280 mm	57-240-22	57-250-22	57-260-22	57-270-22
300 mm	57-240-24	57-250-24	57-260-24	57-270-24

Draht und Bügelsortiment
Set of wire and extension bows
Sortimento de alambre e estribos

Steimannnagel
Steinmann Pin
Clavo de Steinmann



Spitze Point Punta	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar
Schaft Shaft Vastago	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar
Dia Length	3,5 mm	4,0 mm	4,5 mm	5,0 mm
80 mm	57-280-00	57-290-00	57-300-00	57-310-00
100 mm	57-280-02	57-290-02	57-300-02	57-310-02
120 mm	57-280-04	57-290-04	57-300-04	57-310-04
140 mm	57-280-06	57-290-06	57-300-06	57-310-06
160 mm	57-280-08	57-290-08	57-300-08	57-310-08
180 mm	57-280-10	57-290-10	57-300-10	57-310-10
200 mm	57-280-12	57-290-12	57-300-12	57-310-12
220 mm	57-280-14	57-290-14	57-300-14	57-310-14
230 mm	57-280-16	57-290-16	57-300-16	57-310-16
240 mm	57-280-18	57-290-18	57-300-18	57-310-18
260 mm	57-280-20	57-290-20	57-300-20	57-310-20
280 mm	57-280-22	57-290-22	57-300-22	57-310-22
300 mm	57-280-24	57-290-24	57-300-24	57-310-24

Steimannnagel mit Trocar und Mittelgewinde
Steinmann Pin with Trocar and central pitch
Clavo de Steinmann con trocar y rosca central



Gewindelänge: 32 mm
Length of thread: 32 mm
Longitud de rosca: 32 mm

Spitze Point Punta	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar
Schaft Shaft Vastago	Dreikant Triangular Triangular	Dreikant Triangular Triangular	Dreikant Triangular Triangular	Dreikant Triangular Triangular
Dia Length	3,5 mm	4,0 mm	4,5 mm	5,0 mm
80 mm	57-320-00	57-330-00	57-340-00	57-350-00
100 mm	57-320-02	57-330-02	57-340-02	57-350-02
120 mm	57-320-04	57-330-04	57-340-04	57-350-04
140 mm	57-320-06	57-330-06	57-340-06	57-350-06
160 mm	57-320-08	57-330-08	57-340-08	57-350-08
180 mm	57-320-10	57-330-10	57-340-10	57-350-10
200 mm	57-320-12	57-330-12	57-340-12	57-350-12
220 mm	57-320-14	57-330-14	57-340-14	57-350-14
230 mm	57-320-16	57-330-16	57-340-16	57-350-16
240 mm	57-320-18	57-330-18	57-340-18	57-350-18
260 mm	57-320-20	57-330-20	57-340-20	57-350-20
280 mm	57-320-22	57-330-22	57-340-22	57-350-22
300 mm	57-320-24	57-330-24	57-340-24	57-350-24

Schanz'sche Schraube mit Trocar und Gewinde
Schanz Pin with Trocar and pitch
Clavo de Schanz con trocar y rosca



Gewindelänge: 32 mm
 Length of thread: 32 mm
 Longitud de rosca: 32 mm

Spitze Point Punta	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar	Trokar Trocar Trocar
Schaft Shaft Vastago	Dreikant Triangular Triangular	Dreikant Triangular Triangular	Dreikant Triangular Triangular	Dreikant Triangular Triangular
Dia Length	3,5 mm	4,0 mm	4,5 mm	5,0 mm
80 mm	57-360-00	57-370-00	57-380-00	57-390-00
100 mm	57-360-02	57-370-02	57-380-02	57-390-02
120 mm	57-360-04	57-370-04	57-380-04	57-390-04
140 mm	57-360-06	57-370-06	57-380-06	57-390-06
160 mm	57-360-08	57-370-08	57-380-08	57-390-08
180 mm	57-360-10	57-370-10	57-380-10	57-390-10
200 mm	57-360-12	57-370-12	57-380-12	57-390-12
220 mm	57-360-14	57-370-14	57-380-14	57-390-14
230 mm	57-360-16	57-370-16	57-380-16	57-390-16
240 mm	57-360-18	57-370-18	57-380-18	57-390-18
260 mm	57-360-20	57-370-20	57-380-20	57-390-20
280 mm	57-360-22	57-370-22	57-380-22	57-390-22
300 mm	57-360-24	57-370-24	57-380-24	57-390-24

**Steinmannnagel mit Vollgewinde
Steinmann Pin with full thread
Clavo de Steinmann con rosca entera**



Spitze Point Punta	Trokar Trocar Trocar	Trokar Trocar Trocar
Schaft Shaft Vastago	Rund Round Redondo	Dreikant Triangular Triangular
Length Dia	230 mm	230 mm
1,0 mm	57-400-00	57-410-00
1,5 mm	57-400-02	57-410-02
2,0 mm	57-400-04	57-410-04
2,5 mm	57-400-06	57-410-06
3,0 mm	57-400-08	57-410-08
3,5 mm	57-400-10	57-410-10
4,0 mm	57-400-12	57-410-12
4,5 mm	57-400-14	57-410-14
5,0 mm	57-400-16	57-410-16

Draht und Bügelsortiment
Set of wire and extension bows
Sortimento de alambre e estribos

Kirschnerdrähte
Kirschner Wires
Alambre de Kirschner



Spitze Point Punta	Trocar Trocar Trocar	Trocar Trocar Trocar	Trocar Trocar Trocar	Trocar Trocar Trocar	Trocar Trocar Trocar	Trocar Trocar Trocar	Trocar Trocar Trocar
Schaft Shaft Vastago	Rund Round Redondo	Flach Flat Plano	Rund Round Redondo	Trocar Trocar Trocar	Flach Flat Plano	Rund Round Redondo	Trocar Trocar Trocar
Length Dia	70 mm	150 mm	150 mm	150 mm	310 mm	310 mm	310 mm
0,8 mm	57-420-00	57-430-00	57-440-00	57-450-00	57-460-00	57-470-00	57-480-00
1,0 mm	57-420-02	57-430-02	57-440-02	57-450-02	57-460-02	57-470-02	57-480-02
1,2 mm	57-420-04	57-430-04	57-440-04	57-450-04	57-460-04	57-470-04	57-480-04
1,4 mm	57-420-06	57-430-06	57-440-06	57-450-06	57-460-06	57-470-06	57-480-06
1,5 mm	57-420-08	57-430-08	57-440-08	57-450-08	57-460-08	57-470-08	57-480-08
1,6 mm	57-420-10	57-430-10	57-440-10	57-450-10	57-460-10	57-470-10	57-480-10
1,7 mm	57-420-12	57-430-12	57-440-12	57-450-12	57-460-12	57-470-12	57-480-12
1,8 mm	57-420-14	57-430-14	57-440-14	57-450-14	57-460-14	57-470-14	57-480-14
2,0 mm	57-420-16	57-430-16	57-440-16	57-450-16	57-460-16	57-470-16	57-480-16
2,2 mm	57-420-18	57-430-18	57-440-18	57-450-18	57-460-18	57-470-18	57-480-18
2,5 mm	57-420-20	57-430-20	57-440-20	57-450-20	57-460-20	57-470-20	57-480-20
3,0 mm	57-420-22	57-430-22	57-440-22	57-450-22	57-460-22	57-470-22	57-480-22

Kirschnerdraht mit Gewinde spitz / rund
Kirschner Wire with thread trocar / round
Alambre de Kirschner con rosca trocar / redondo



Art. Nr. Cat. No Cat. No.	Durchmesser Diameter Diametro	Länge Length Longitud	Gewindelänge Threaded Length Longitud de rosca
57-490-00	1,6 mm	150 mm	5 mm
57-490-05	1,6 mm	150 mm	15 mm
57-490-10	2,0 mm	150 mm	15 mm
57-490-15	2,0 mm	200 mm	15 mm
57-490-20	2,5 mm	200 mm	15 mm
57-490-25	2,5 mm	230 mm	20 mm
57-490-30	2,5 mm	230 mm	100 mm



57-495-00 Biegebolzen
Bending Iron
Barra dobladora

Draht und Bügelsortiment

Set of wire and extension bows

Sortimento de alambre e estribos



57-500-10 Parham Martin, Bandspanner
Parham Martin, Band Tightener
Parham Martin, tensor para cintas metlicas



57-510-00 Parham Stahl Knochenband 19,0 cm x 0,5 mm SMO
Parham Metal Bone Band 19,0 cm x 0,5 mm SMO
Parham cinta metalica para huesos 19 x 0,5 mm SMO



Cerclage Draht, 10 m, weich
Cerclage Wire, 10 m, soft
Alambre de cerclage, 10 m, blando

Cerclage Draht mit Öse, weich
Cerglace Wire with eye, soft
Alambre para cerglajes con ojo, blando

Art. Nr.:	Durchmesser	Gauge
Cat. No.:	Diameter	Gauge
Cat. Nr.:	Diametro	Gauge
57-520-00	0,2 mm	31
57-520-05	0,3 mm	29
57-520-10	0,4 mm	27
57-520-15	0,5 mm	25
57-520-20	0,6 mm	23
57-520-25	0,7 mm	22
57-520-30	0,8 mm	21
57-520-35	0,9 mm	20
57-520-40	1,0 mm	19
57-520-45	1,2 mm	18
57-520-50	1,5 mm	17



Cerclage Draht mit Öse, weich
Cerglace Wire with eye, soft
Alambre para cerglajes con ojo, blando

Art. Nr.:	Durchmesser	Länge
Cat. No.:	Diameter	Length
Cat. Nr.:	Diametro	Longitud
57-530-00	0,8 mm	280 mm
57-530-05	1,0 mm	280 mm
57-530-10	1,2 mm	280 mm
57-535-00	1,0 mm	600 mm
57-535-10	1,2 mm	600 mm

Draht und Bügelsortiment Set of wire and extension bows Sortimento de alambre e estribos



57-540-00 Demel, Drahtführer
Demel, Wire Guide
Demel, Conductor de alambre



57-550-00 Demel, Knochendrahtspanner, 28,0 cm
Demel, Bone Wire Tighener, 28,0 cm
Demel, Tendsor de alambre



57-560-00 Loute, Knochendrahtspanner, 22,0 cm
Loute, Bone Wire Tighener, 22,0 cm
Loute, tensor de alambre



57-570-00 Drahtspanner
Wire Tighener
Tensor de alambre



**Zangen
Forceps
Tenazas**



58-100-00 Biegezange
Bending Pliers
Tenaza para doblar



58-110-00 Biegezange spitz
Bending Pliers
Tenaza para doblar



58-120-00 Biegezange
Bending Pliers
Tenaza para doblar



58-130-00 Biegezange
Bending Pliers
Tenaza para doblar



58-140-00 Gripzange
Vise Grip
Pinza de bloqueo



58-150-00 Biegezange
Bending Pliers
Tenaza para doblar



58-160-00

Biegezange
Bending Pliers
Tenaza para doblar



58-170-00

Draht - Biegezange
Wire Tightening Pliers
Tenaza para doblar alambre



58-180-00 Seitenschneider
Wire Cutter
Alicate



58-190-00 Seitenschneider
Wire Cutter
Alicate



58-200-00 Seitenschneider
Wire Cutter
Alicate



58-210-00 Seitenschneider, 18,0 cm
Wire Cutter, 18,0 cm
Alicate, 18,0 cm



58-220-00 Seitenschneider, 22,0 cm
Wire Cutter, 22,0 cm
Alicate, 22,0 cm



58-230-00 Seitenschneider, 14,0 cm
Wire Cutter, 14,0 cm
Alicate, 14,0 cm



58-240-00 Kopfschneider, 22,0 cm
Wire Cutter, 22,0 cm
Alicate, 22,0 cm



58-250-00 Universalschere
Universal Scissor
Tijera universal



58-260-00 Seitenschneider für Steinmannnägel
Wire Cutter for Steinmann Pins
Cizalla corta clavos



Vertrieb von Katalogen und
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