

PRODUCT PROGRAMME

Product catalog for
robots of the brand

KA-TE/PMO*

PRODUCT PROGRAMME 2025

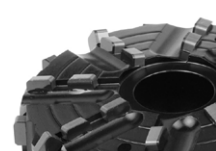


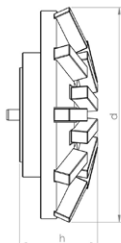
The tables of contents in this catalog are interactive. A click will lead you directly to the desired target page.

TABLE OF CONTENTS

Robot type	Page
KA-TE/PMO* FR 150*	3
KA-TE/PMO* FR 170/250*	20



	Premium Diamond Tools for High-Performance Material Removal and Long Service Life Materials to be processed - Reinforced Concrete - Concrete - Deposits / Fouling - Cast Iron - Vitrified Clay Page 4
	Field-Proven Standard Diamond Tools with Outstanding Value for Purchase Investment Materials to be processed - Reinforced Concrete - Concrete - Deposits / Fouling - Cast Iron - Vitrified Clay Page 7
	High-Tech Milling Tools made of PCD with Unbeatable Cutting and Stock Removal Performance for Almost Every Material Materials to be processed - Concrete - UV CIPP - PVC - Felt CIPP - Deposits / Fouling - Roots - Vitrified Clay Page 10
	Absolutely Smooth-Running and Precise PCD Cutting Tools for Opening CIPP - Optimized for UV CIPP - Materials to be processed - UV CIPP - PVC - Felt CIPP Page 13
	Absolutely Smooth-Running and Precise PCD Cutting Tools for Opening CIPP - All Kinds of CIPP and PVC - Materials to be processed - UV CIPP - PVC - Felt CIPP Page 15
	Functional Accessories High-quality brushes, adapters, extensions, etc. Page 16

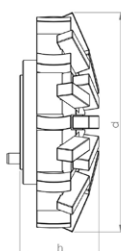

Mushroom-head milling cutter spring-mounted

Materials to be processed

- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
42017 P	150	100	45	20	0.75
42018 P	200	100	45	20	0.75
42019 P	250	100	45	20	0.75
42020 P	300-450	100	45	20	0.75

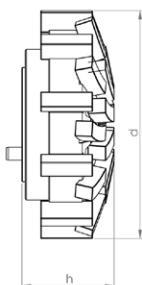

Mushroom-head milling cutter spring-mounted

Materials to be processed

- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Removal of intruding laterals
- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
45017 P	150	100	45	30	0.95
45018 P	200	100	45	30	0.95
45019 P	250	100	45	30	0.95
45020 P	300-450	100	45	30	0.95

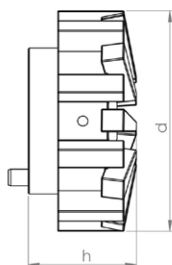

2-in-1 cutter spring-mounted

Materials to be processed

- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals
- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
KF 45017 P	150	88	45	30	0.8
KF 45018 P	200	88	45	30	0.8
KF 45019 P	250	88	45	30	0.8
KF 45020 P	300-450	88	45	30	0.8

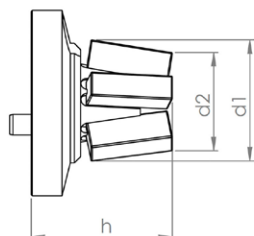

Inlet milling cutter machined for minimum runout

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d mm	h mm	Segments	Weight kg
42016 P	65	32	18	0.45

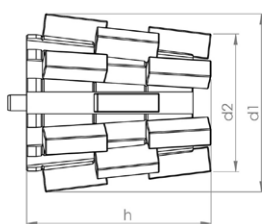

Slot milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Vitrified Clay

Field of Application

- Preparatory milling of cracks and sockets

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
42014 P	30	25	35	5	0.2

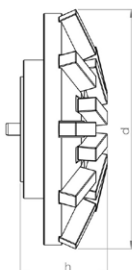

Tapered milling cutter machined for minimum runout

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
42025 P	55	42	58	18	0.5


N•TEC II® Mushroom-head milling cutter spring-mounted

Materials to be processed

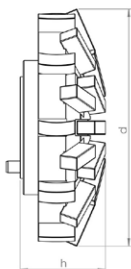
- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
43017	150	100	45	20	0.75
43018	200	100	45	20	0.75
43019	250	100	45	20	0.75
43020	300-450	100	45	20	0.75

Note: Milling tools in other segment hardnesses are available on request.

N•TEC II® Mushroom-head milling cutter spring-mounted

Materials to be processed

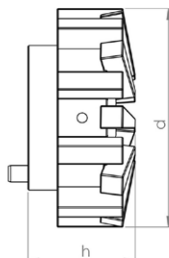
- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
46017	150	100	45	30	0.95
46018	200	100	45	30	0.95
46019	250	100	45	30	0.95
46020	300-450	100	45	30	0.95

Note: Milling tools in other segment hardnesses are available on request.


N•TEC II® Inlet milling cutter

Materials to be processed

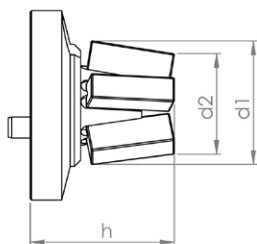
- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d mm	h mm	Segments	Weight kg
43016	65	32	18	0.45

Note: Milling tools in other segment hardnesses are available on request.

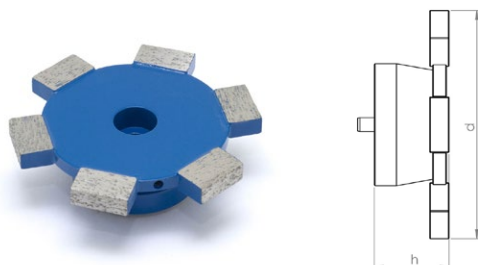
N•TEC II® Slot milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Vitrified Clay

Field of Application

- Preparatory milling of cracks and sockets

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
44014	30	25	35	5	0.2

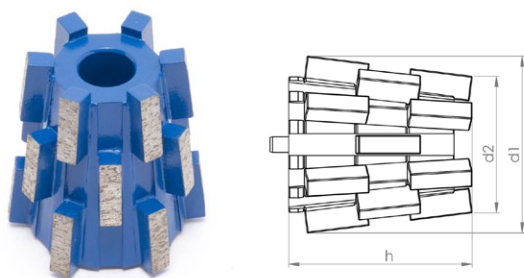

N•TEC II® Disk milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Vitrified Clay

Field of Application

- Milling of circumferential slots on laterals

Article-No.	d mm	h mm	Segments	Weight kg
43023	85	25	6	0.5

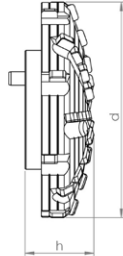
N•TEC II® Tapered milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	Pipe Ø mm	d1 mm	d2 mm	h mm	Segments	Weight kg
43025	150-250	55	42	58	18	0.5


BLACK-LINE Mushroom-head milling cutter

Materials to be processed

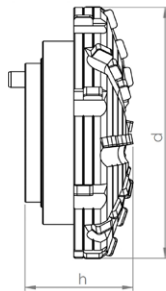
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Surface milling
- Removal of intruding obstacles
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11301	150	85	30	36	0.45
BL 11302	200	85	30	36	0.45
BL 11309	250	85	30	36	0.45
BL 11321	300-450	85	30	36	0.45

BLACK-LINE Mushroom-head milling cutter spring-mounted

Materials to be processed

- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Frontal milling
- Removal of intruding obstacles
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11311	150	80	35	32	1
BL 11312	200	80	35	32	1
BL 11313	250	80	35	32	1
BL 11322	300-450	80	35	32	1


BLACK-LINE Mushroom-head milling cutter centre cutting, counterclockwise

Materials to be processed

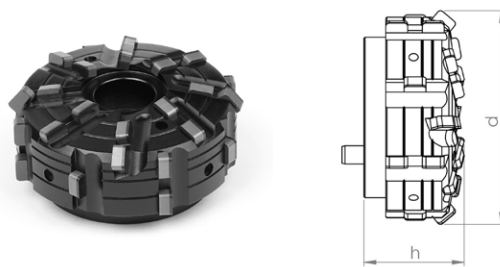
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Frontal milling
- Surface milling
- Removal of intruding obstacles
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11303	150	85	30	38	0.5
BL 11304	200	85	30	38	0.5
BL 11310	250	85	30	38	0.5

BLACK-LINE Inlet milling cutter

Materials to be processed

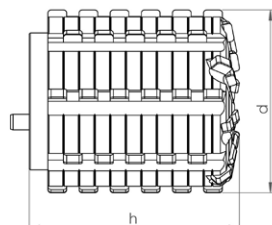
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of laterals
- Removal of intruding laterals
- Removal of intruding obstacles

Article-No.	d mm	h mm	Segments	Weight kg
BL 11305	55	30	28	0.4


BLACK-LINE Cylinder milling cutter

Materials to be processed

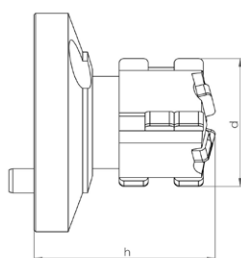
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of laterals
- Removal of intruding laterals
- Removal of intruding obstacles

Article-No.	d mm	h mm	Segments	Weight kg
BL 11320	57	67	60	1.1

BLACK-LINE End milling cutter

Materials to be processed

- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

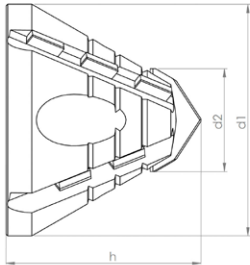
Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of cracks and sockets

Article-No.	d mm	h mm	Segments	Weight kg
BL 11306	25	38	14	0.2



linerCUT Pro® Tapered milling cutter with tungsten carbide tip



Materials to be processed

- UV CIPP
- Felt CIPP
- PVC

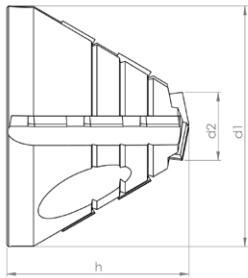
Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11314	45	20	35	10	0.2

linerCUT Pro® Tapered milling cutter with PCD tip



Materials to be processed

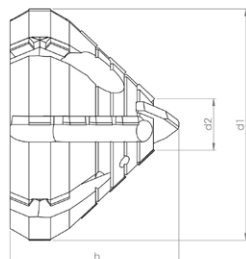
- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11316	45	20	35	12	0.2


linerCUT Pro® Taper/cylinder milling cutter with tungsten carbide tip

Materials to be processed

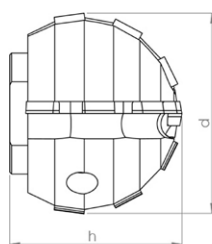
- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11315	55	20	38	24	0.3

linerCUT Pro® Ball milling cutter with additional water bore holes

Materials to be processed

- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

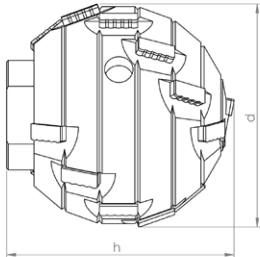
- Opening of laterals and inlet lines

Article-No.	d mm	h mm	Segments	Weight kg
BL 11468	40	36	12	0.2

Note: Tool can only be used with matching adapter 90111!



linerCUT Pro® 2.0 Ball milling cutter with additional water bore holes



Materials to be processed

- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

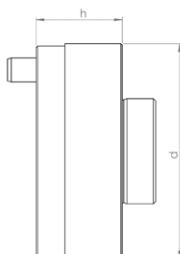
- Opening of laterals and inlet lines

Article-No.	d mm	h mm	Segments	Weight kg
BL 11467	40	40	18	0.25

Note: Tool can only be used with matching adapter 90111!



Extension 18 mm



Description

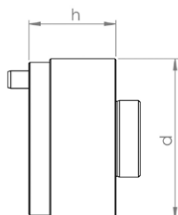
CNC fabricated tool extension for increased working radius of robot arm.

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90117	45	18	0.2

Extension 25 mm



Description

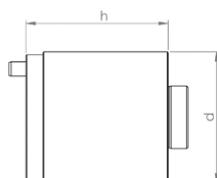
CNC fabricated tool extension for increased working radius of robot arm.

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90118	45	25	0.3

Extension 50 mm



Description

CNC fabricated tool extension for increased working radius of robot arm.

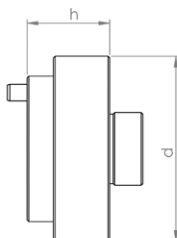
Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90119	45	50	0.6



Adapter from Ø 45/22H7 to Ø 56/22H7



Description

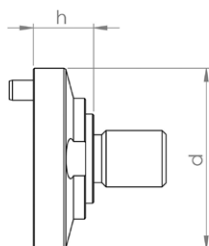
CNC fabricated adapter permitting the use of KA-TE PMO FR 170/250 tools.

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90123	56	35	0.4

Adapter for mounting of brushes and cutting discs



Description

CNC fabricated adapter for mounting of brushes and cutting discs.

Thread: M14 (14 mm O.D.)

Centering ring for cutting disc: Ø 22,2 mm

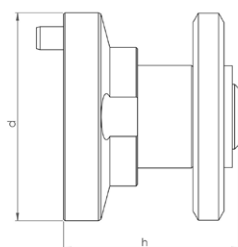
NOTE: When mounting wheel brushes or cutting discs, a locking disc is also required!

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90111	45	18	0.12

Adapter for mounting of 4 cutting discs



Description

CNC fabricated adapter for mounting of 4 cutting discs.

Mounting shaft Ø 22,2 mm

includes 4 cutting discs and locking disc

NOTE: This adapter cannot be used to mount a single cutting disc!

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90169	45	47	0.2



Locking disc for mounting of wheel brushes and cutting discs



Description

Thread: M14 (14 mm O.D.)

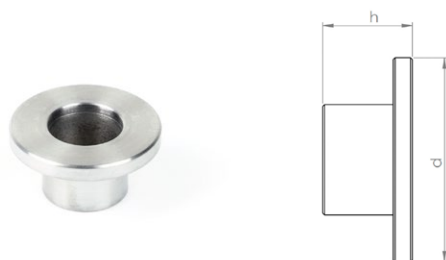
NOTE: Wheel brushes and cutting discs must be mounted using matching adapters!

Specification

Steel, burnished

Article-No.	d mm	h mm	Weight kg
SP 90110	45	8,5	0.07

Protective cap for protection of locking ring of spring-mounted milling tools



Description

The protective cap covers the locking ring during the milling process.

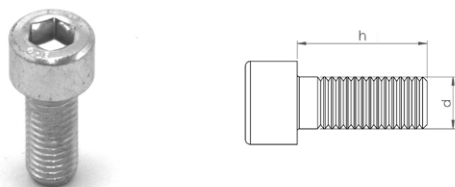
The cap protects against abrasion and prevents ejection of the spring-action mounting element from the milling head.

Specification

Steel

Article-No.	d mm	h mm	Weight kg
90127	25	12	0.012

Screw M8x25 mm with axial bored channel



Description

Locking screw with axial cooling water channel for cooling of milling tool.

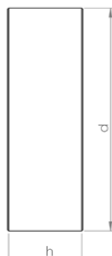
Specification

Steel, galvanized, Grade 8.8

Article-No.	d mm	h mm	Weight kg
90128	8	25	0.015



Cup wheel Ø 80 mm



Description

Corundum cup wheel, for working on steel and cast iron.

Mounting hole Ø 22,2 mm

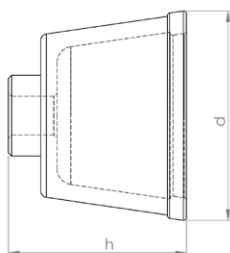
NOTE: May be used only with matching adapter and locking disc!

Specification

Corundum

Article-No.	d mm	h mm	Weight kg
81003	80	28	0.2

Cup brush Ø 65 mm



Description

Premium rotary wire brush for finishing work on CIPP liners and PVC.

Mounting hole M14 (14 mm thread O.D.)

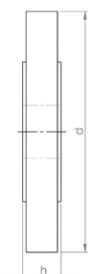
NOTE: May be used only with matching adapter!

Specification

Wire thickness: Ø 0,8 mm

Article-No.	d mm	h mm	Weight kg
80020	65	50	0.25

Wheel brush Ø 100 mm



Description

Premium rotary wire brush for finishing work on CIPP liners and PVC.

Mounting hole Ø 22,2 mm

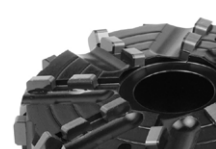
NOTE: May be used only with matching adapter and locking disc!

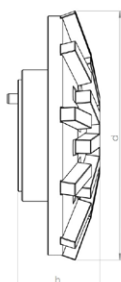
Specification

Wire thickness: Ø 0,5 mm

Article-No.	d mm	h mm	Weight kg
80018	100	15	0.2



	Premium Diamond Tools for High-Performance Material Removal and Long Service Life Materials to be processed - Reinforced Concrete - Concrete - Deposits / Fouling - Cast Iron - Vitrified Clay Page 21
	Field-Proven Standard Diamond Tools with Outstanding Value for Purchase Investment Materials to be processed - Reinforced Concrete - Concrete - Deposits / Fouling - Cast Iron - Vitrified Clay Page 25
	High-Tech Milling Tools made of PCD with Unbeatable Cutting and Stock Removal Performance for Almost Every Material Materials to be processed - Concrete - UV CIPP - Deposits / Fouling - Roots - PVC - Vitrified Clay - Felt CIPP Page 29
	Absolutely Smooth-Running and Precise PCD Cutting Tools for Opening CIPP - Optimized for UV CIPP - Materials to be processed - UV CIPP - PVC - Felt CIPP Page 33
	Absolutely Smooth-Running and Precise PCD Cutting Tools for Opening CIPP - All Kinds of CIPP and PVC - Materials to be processed - UV CIPP - PVC - Felt CIPP Page 36
	Functional Accessories High-quality brushes, adapters, extensions, etc. Page 37

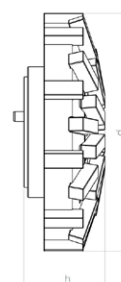

Mushroom-head milling cutter spring-mounted

Materials to be processed

- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
42027 P	170	100	40	20	1.3
42001 P	200	100	40	20	1.3
42002 P	250	120	45	20	1.6
42003 P	300	120	45	20	1.6
42004 P	350-400	120	45	20	1.6
42005 P	450-500	120	45	20	1.6
42006 P	600	120	45	20	1.6

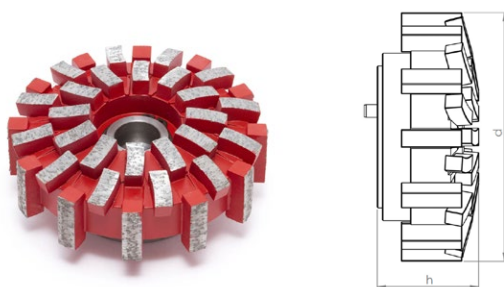

Mushroom-head milling cutter spring-mounted

Materials to be processed

- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Removal of intruding laterals
- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
45027 P	170	110	40	30	1.3
45001 P	200	110	40	30	1.3
45002 P	250	120	45	30	1.6
45003 P	300	120	45	30	1.6
45004 P	350-400	120	45	30	1.6
45005 P	450-500	120	45	30	1.6
45006 P	600	120	45	30	1.6

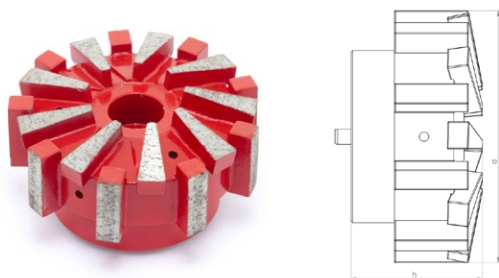

2-in-1 cutter spring-mounted

Materials to be processed

- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals
- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
KF 45001 P	200	100	45	36	1.2
KF 45002 P	250	100	45	36	1.2
KF 45003 P	300	100	45	36	1.2
KF 45004 P	350-400	100	45	36	1.2
KF 45005 P	450-500	100	45	36	1.2
KF 45006 P	600	100	45	36	1.2

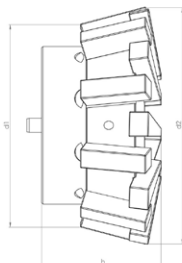

Inlet milling cutter machined for minimum runout

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
42007 P	250-600	80	43	18	1
42008 P	150-250	70	35	18	0.5

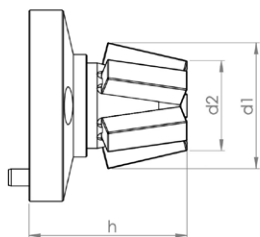

Inlet milling cutter 15° machined for minimum runout

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
42032 P	70	80	43	18	0.8

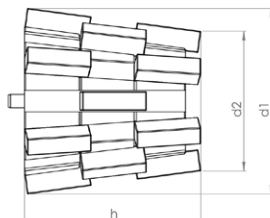

Slot milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Vitrified Clay

Field of Application

- Preparatory milling of cracks and sockets

Article-No.	Pipe Ø mm	d1 mm	d2 mm	h mm	Segments	Weight kg
42012 P	200-300	35	28	40	5	0.3
42013 P	300-450	35	28	45	5	0.3
42021 P	450-600	35	28	55	5	0.4

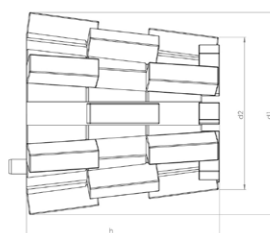

Tapered milling cutter machined for minimum runout

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
42010 P	70	50	65	18	1

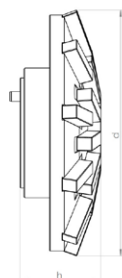

Tapered milling cutter with top segments, machined for minimum runout

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
42033 P	70	50	65	24	1.0


N•TEC II® Mushroom-head milling cutter spring-mounted

Materials to be processed

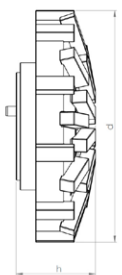
- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
43027	170	100	40	20	1.3
43001	200	100	40	20	1.3
43002	250	120	45	20	1.6
43003	300	120	45	20	1.6
43004	350-400	120	45	20	1.6
43005	450-500	120	45	20	1.6
43006	600	120	45	20	1.6

Note: Milling tools in other segment hardnesses are available on request.

N•TEC II® Mushroom-head milling cutter spring-mounted

Materials to be processed

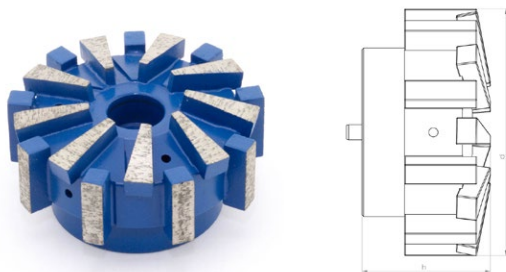
- Reinforced Concrete
- Concrete
- Deposits / Fouling
- Cast Iron
- Vitrified Clay

Field of Application

- Removal of intruding laterals
- Surface grinding and milling
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
46027	170	110	40	30	1.3
46001	200	110	40	30	1.3
46002	250	120	45	30	1.6
46003	300	120	45	30	1.6
46004	350-400	120	45	30	1.6
46005	450-500	120	45	30	1.6
46006	600	120	45	30	1.6

Note: Milling tools in other segment hardnesses are available on request.


N•TEC II® Inlet milling cutter

Materials to be processed

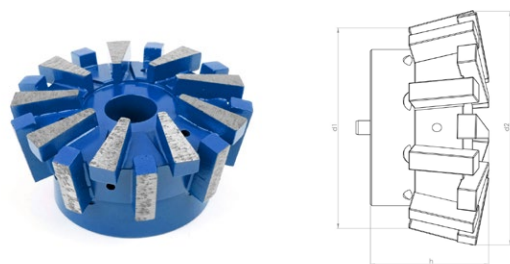
- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
43007	250-600	80	43	18	1
43008	150-250	70	35	18	0.5

Note: Milling tools in other segment hardnesses are available on request.

N•TEC II® Inlet milling cutter 15°

Materials to be processed

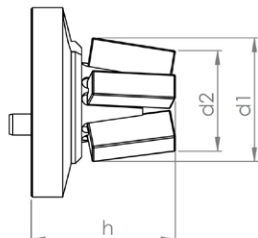
- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
43032	70	80	43	18	0.8

Note: Milling tools in other segment hardnesses are available on request.

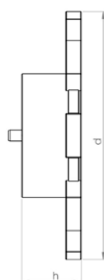

N•TEC II® Slot milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of cracks and sockets

Article-No.	Pipe Ø mm	d1 mm	d2 mm	h mm	Segments	Weight kg
44012	200-300	35	28	40	5	0.3
44013	300-450	35	28	45	5	0.3
44021	450-600	35	28	55	5	0.4

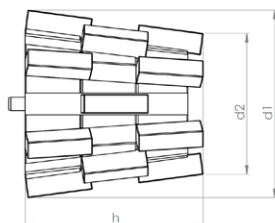
N•TEC II® Disk milling cutter

Materials to be processed

- Reinforced Concrete
- Concrete
- Vitrified Clay

Field of Application

- Milling of circumferential slots on laterals

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
43011	200-300	85	25	6	0.5
43015	300-600	110	25	9	0.7


N•TEC II® Tapered milling cutter

Materials to be processed

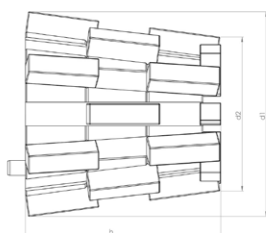
- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
43010	70	50	65	18	1.0

Note: Milling tools in other segment hardnesses are available on request.

N•TEC II® Tapered milling cutter with top segments

Materials to be processed

- Reinforced Concrete
- Concrete
- Cast Iron
- Vitrified Clay

Field of Application

- Preparatory milling of laterals
- Removal of intruding laterals

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
43033	70	50	65	24	1.0

Note: Milling tools in other segment hardnesses are available on request.


BLACK-LINE Mushroom-head milling cutter

Materials to be processed

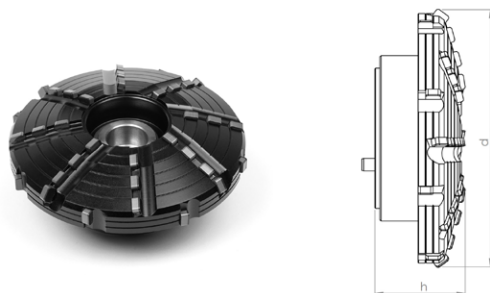
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Surface milling
- Removal of intruding obstacles
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11201	250	105	30	40	0.95
BL 11202	300	105	30	40	0.95
BL 11203	350-400	105	30	40	0.95
BL 11204	450-500	105	30	40	0.95
BL 11205	600	105	30	40	0.95

BLACK-LINE Mushroom-head milling cutter spring-mounted

Materials to be processed

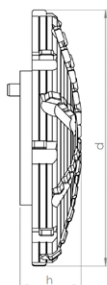
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Surface milling
- Removal of intruding obstacles
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11216	250	100	35	36	1.1
BL 11217	300	100	35	36	1.1
BL 11218	350-400	100	35	36	1.1
BL 11219	450-500	100	35	36	1.1
BL 11220	600	100	35	36	1.1


BLACK-LINE Mushroom-head milling cutter center cutting

Materials to be processed

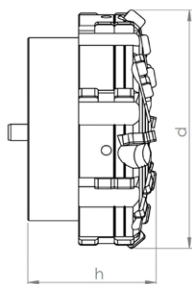
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Frontal milling
- Surface milling
- Removal of intruding obstacles
- Milling of offset socket transitions

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11206	250	105	30	44	0.95
BL 11207	300	105	30	44	0.95
BL 11208	350-400	105	30	44	0.95
BL 11209	450-500	105	30	44	0.95
BL 11210	600	105	30	44	0.95

BLACK-LINE Inlet milling cutter

Materials to be processed

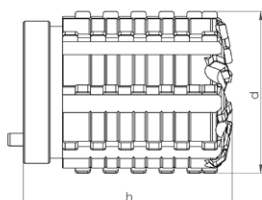
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of laterals
- Removal of intruding laterals
- Removal of intruding obstacles

Article-No.	Pipe Ø mm	d mm	h mm	Segments	Weight kg
BL 11211	250-600	73	40	36	0.8


BLACK-LINE Cylinder milling cutter

Materials to be processed

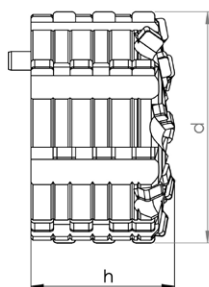
- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of laterals
- Removal of intruding laterals
- Removal of intruding obstacles

Article-No.	d mm	h mm	Segments	Weight kg
BL 11227	60	85	64	1.6

BLACK-LINE Cylinder milling cutter

Materials to be processed

- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

Note: Use on steel-reinforced concrete will destroy the cutting elements!

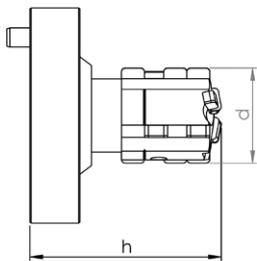
Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of laterals
- Removal of intruding laterals
- Removal of intruding obstacles

Article-No.	d mm	h mm	Segments	Weight kg
BL 11228	60	40	44	0.8



BLACK•LINE End milling cutter



Materials to be processed

- Concrete
- Deposits / Fouling
- UV CIPP
- Roots
- PVC
- Vitrified Clay
- Felt CIPP

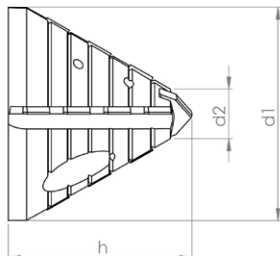
Note: Use on steel-reinforced concrete will destroy the cutting elements!

Field of Application

- Opening of laterals and inlet lines
- Preparatory milling of cracks and sockets

Article-No.	d mm	h mm	Segments	Weight kg
BL 11213	27	50	14	0.3

* These are third party brands that are in no way associated with Schneider Diamantwerkzeuge GmbH

**linerCUT Pro®** Tapered milling cutter with tungsten carbide tip**Materials to be processed**

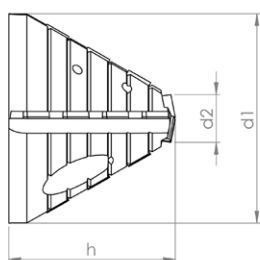
- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11221	60	20	50	14	0.4

linerCUT Pro® Tapered milling cutter with PCD tip**Materials to be processed**

- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

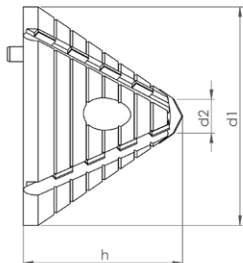
Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11223	60	18	50	16	0.4



linerCUT Pro® Tapered milling cutter with tungsten carbide tip



Materials to be processed

- UV CIPP
- Felt CIPP
- PVC

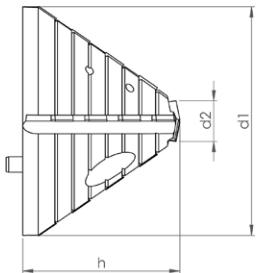
Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11226	75	20	55	16	0.65

linerCUT Pro® Tapered milling cutter with PCD tip



Materials to be processed

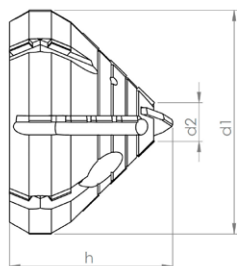
- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11225	75	18	50	18	0.65


linerCUT Pro® Taper/cylinder milling cutter with tungsten carbide tip

Materials to be processed

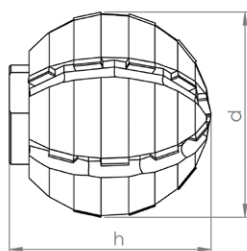
- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

- Opening of laterals and inlet lines

Article-No.	d1 mm	d2 mm	h mm	Segments	Weight kg
BL 11222	70	20	50	24	0.65

linerCUT Pro® Ball milling cutter with additional water bore holes

Materials to be processed

- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

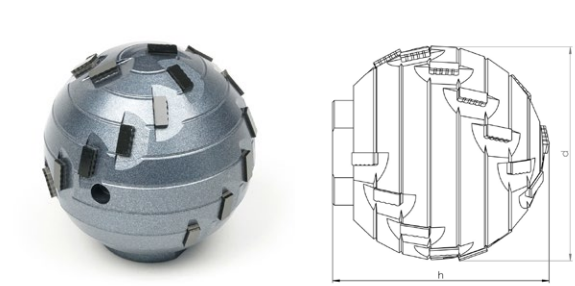
- Opening of laterals and inlet lines

Article-No.	d mm	h mm	Segments	Weight kg
BL 11461	50	55	24	0.5

Note: Tool can only be used with matching adapter 90110!



linerCUT Pro® 2.0 Ball milling cutter with additional water bore holes



Materials to be processed

- UV CIPP
- Felt CIPP
- PVC

Note: Only suitable for processing CIPP liners and PVC!

Field of Application

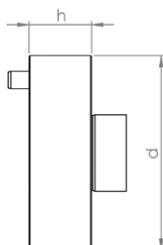
- Opening of laterals and inlet lines

Article-No.	d mm	h mm	Segments	Weight kg
BL 11462	50	52	22	0.5

Note: Tool can only be used with matching adapter 90110!



Extension 18 mm



Description

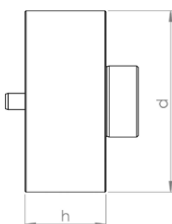
CNC fabricated tool extension for increased working radius of robot arm.

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90114	56	18	0.3

Extension 25 mm



Description

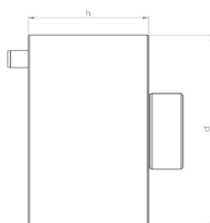
CNC fabricated tool extension for increased working radius of robot arm.

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90115	56	25	0.4

Extension 35 mm



Description

CNC fabricated tool extension for increased working radius of robot arm.

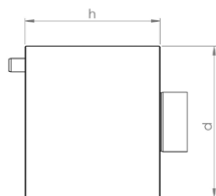
Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90183	56	35	0.6



Extension 50 mm



Description

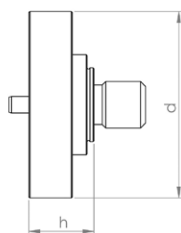
CNC fabricated tool extension for increased working radius of robot arm.

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90116	56	50	0.9

Adapter for mounting of brushes and cutting discs



Description

CNC fabricated adapter for mounting of brushes and cutting discs.

Thread: M14 (14 mm O.D.)

Centering ring for cutting disc: Ø 22,2 mm

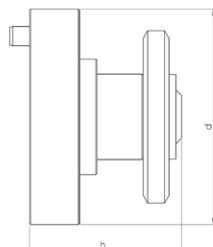
NOTE: When mounting wheel brushes or cutting discs, a locking disc is also required!

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90110	56	18	0.25

Adapter for mounting of 4 cutting discs



Description

CNC fabricated adapter for mounting of 4 cutting discs.

Mounting shaft Ø 22,2 mm

includes 4 cutting discs and locking disc

NOTE: This adapter cannot be used to mount a single cutting disc!

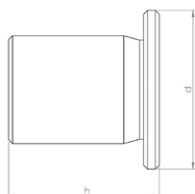
Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90170	56	47	0.25



Adapter for mounting a half ball grinding stone



Description

CNC fabricated adapter for mounting a half-ball grinding stone.

NOTE: This adapter can only be used with part number 81001!

Specification

Stainless steel

Article-No.	d mm	h mm	Weight kg
90174	40	38	0.12

Locking disc for mounting of wheel brushes and cutting discs



Description

Thread: M14 (14 mm O.D.)

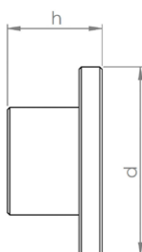
NOTE: Wheel brushes and cutting discs must be mounted using matching adapters!

Specification

Steel, burnished

Article-No.	d mm	h mm	Weight kg
SP 90110	45	8,5	0.07

Protective cap for protection of locking ring of spring-mounted milling tools



Description

The protective cap covers the locking ring during the milling process.

The cap protects against abrasion and prevents ejection of the spring-action mounting element from the milling head.

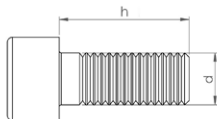
Specification

Steel

Article-No.	d mm	h mm	Weight kg
90125	32	14	0.02



Screw M10x25 mm with axial bored channel



Description

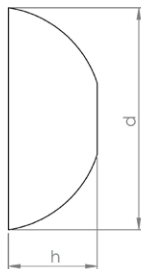
Locking screw with axial cooling water channel for cooling of milling tool.

Specification

Steel, galvanized, Grade 8.8

Article-No.	d mm	h mm	Weight kg
90126	10	25	0.02

Grinding stone Half ball Ø 125 mm



Description

Half-ball grinding stone made of corundum, for cosmetic finishing of epoxy resin repaired side drains.

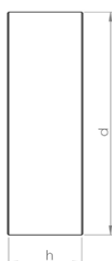
NOTE: Only useable with adapter 90174!

Specification

Corundum

Article-No.	d mm	h mm	Weight kg
81001	125	50	0.65

Cup wheel Ø 80 mm



Description

Corundum cup wheel, for working on steel and cast iron. Mounting hole Ø 22,2 mm

NOTE: May be used only with matching adapter and locking disc!

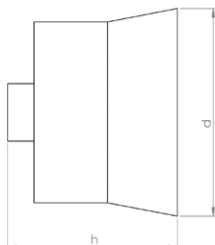
Specification

Corundum

Article-No.	d mm	h mm	Weight kg
81003	80	28	0.2



Cup brush Ø 80 mm



Description

Premium rotary wire brush for finishing work on CIPP liners and PVC.

Mounting hole M14 (14 mm thread O.D.)

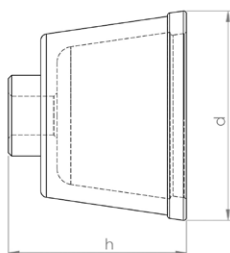
NOTE: May be used only with matching adapter!

Specification

Wire thickness: Ø 0,5 mm

Article-No.	d mm	h mm	Weight kg
80019	80	80	0.65

Cup brush Ø 65 mm



Description

Premium rotary wire brush for finishing work on CIPP liners and PVC.

Mounting hole M14 (14 mm thread O.D.)

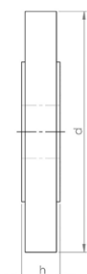
NOTE: May be used only with matching adapter!

Specification

Wire thickness: Ø 0,8 mm

Article-No.	d mm	h mm	Weight kg
80020	65	50	0.25

Wheel brush Ø 100 mm



Description

Premium rotary wire brush for finishing work on CIPP liners and PVC.

Mounting hole Ø 22,2 mm

NOTE: May be used only with matching adapter and locking disc!

Specification

Wire thickness: Ø 0,5 mm

Article-No.	d mm	h mm	Weight kg
80018	100	15	0.2