

Best **TOOLS** for **CUTTERS**



■ MADE
■ IN
■ GERMANY



Connection: Ø 56/22 mm + Pin

For your Sewer Rehab Robots:

KA-TE, PMO, Pipetronics FR/EF 250, Hächler HF200,
Streicher HF/EF200, ...

EN

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Milling tools suitable for **CONCRETE, VITRIFIED CLAY**



Diamond finger milling tool

Field of application: Preparatory milling of cracks and joints

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
33/37	200-300	40	5	21 49 80 005
33/27	300-400	44	5	21 49 80 009
33/37	300-600	55	5	21 49 80 006



Diamond inflow pipe milling tool - with flushing holes-

Field of application: Preparatory milling of laterals,
Removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
70	200	38	16	21 49 59 997
85	300	47	18	21 49 60 004
85	300	47	18 - soft	21 49 60 051
85	300	47	18 - hard	21 49 60 076
85	300	47	9 + 9 wedges	21 49 60 097



Diamond mushroom shaped milling tool - spring loaded -

Field of application: Preparatory milling of laterals,
removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
100	170	45	20	21 49 70 070
100	200	45	20	21 49 70 071
120	250	45	20	21 49 70 072
120	300	45	20	21 49 70 073
120	350-400	45	20	21 49 70 074
120	450-500	45	20	21 49 70 075
120	600	45	20	21 49 70 076



Diamond plate peripheral milling tool - spring loaded -

Field of application: Preparatory milling of laterals,
removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
116	170	45	30	21 49 70 080
116	200	45	30	21 49 70 081
136	250	45	30	21 49 70 082
136	300	45	30	21 49 70 083
136	350-400	45	30	21 49 70 084
136	450-500	45	30	21 49 70 085
136	600	45	30	21 49 70 086



Diamond combination milling tool - spring loaded -

Field of application: Preparatory milling of laterals, removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
100	100	53	33	21 49 60 073
97	200	47	36	21 49 60 071
97	300	43	36	21 49 60 052
97	400	42	36	21 49 60 072



Diamond grooving milling tool

Einsatzgebiet: Preparatory milling of cracks and joints

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
35/30	200	40	3	21 49 80 015
35/30	300	50	3	21 49 80 010



Diamond inflow pipe milling tool

Field of application: Preparatory milling of laterals, removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
70	200	38	8	21 49 59 998
83	300	50	2	21 49 60 001



Diamond mushroom shaped milling tool - spring loaded -

Field of application: Opening of laterals and inlet lines

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
100	170	45	12	21 49 70 025
100	200	45	12	21 49 70 019
120	250	45	12	21 49 70 020
120	300	45	12	21 49 70 021
120	350-400	45	12	21 49 70 022
120	450-500	45	12	21 49 70 023
120	600	45	12	21 49 70 024



Diamond mushroom shaped peripheral milling tool - spring loaded -

Field of application: Opening of laterals and inlet lines

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
115	170	45	18	21 49 70 035
115	200	45	18	21 49 70 029
135	250	45	18	21 49 70 030
135	300	45	18	21 49 70 031
135	350-400	45	18	21 49 70 032
135	450-500	45	18	21 49 70 033
135	600	45	18	21 49 70 034

Connection: Ø 56/22 mm + Pin

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Diamond injection milling tool

Field of application: Opening of laterals and inlet lines

Ø mm	Form	Height mm	Segments	Code-No.
80/60	conical	74	12	21 49 60 021
80	cylindrical	74	12	21 49 80 022
80	zylindrisch	76	16	21 49 80 023



Diamond plate milling tool

Field of application: Opening of laterals and inlet lines

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
115	300-600	35	8	21 49 60 011



Diamond grooving milling tool - long -

Field of application: Preparatory milling of cracks and joints

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
33/37	300-600	80	3	21 49 80 012
33/27	450-600	110	3	21 49 80 013



Diamond joint milling tool 15°

Field of application: Preparatory milling of cracks and joints

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
33/37	300-600	55	3	21 49 60 030



Diamond inflow pipe milling tool 15°

Field of application: Preparatory milling of laterals
Removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
83	300	50	12	21 49 60 002

Connection: Ø 56/22 mm + Pin

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Milling tools suitable for **CIPP**, **PVC** and **ROOTS**



Diamond cone milling tool - with flushing holes -

Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
55/15	38	16	21 49 40 046
75/20	50	20	21 49 40 012

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond cone milling tool - with carbide tip + flushing holes -

Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
55/20	38	14 + 1	21 49 40 064

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond cone milling tool - asymmetrical segments + flushing holes -

Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
60/15	47	asymmetrical + 2	21 49 40 148

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond cone milling tool - with carbide tip, flutes, smooth running cut -

Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
60/20	50	14 + 1	21 49 40 226

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond cone milling tool - with flutes -

Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
70/18	52	24	21 49 40 072

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Connection: Ø 56/22 mm + Pin

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Milling tools suitable for **CIPP**, **PVC** and **ROOTS**



Diamond cylinder milling tool

Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
55	35	25	21 49 40 013

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond inflow pipe milling tool- with flushing holes -

Field of application: Preparatory milling of laterals,
Removal of intruding laterals and deposits

Ø mm	Height mm	Segments	Code-No.
70	38	30	21 49 40 034

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond inflow pipe milling tool - with flutes + flushing holes -

Field of application: Preparatory milling of laterals,
Removal of intruding laterals and deposits

Ø mm	Height mm	Segments	Code-No.
70	40	33	21 49 40 073

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond inflow pipe milling tool

Field of application: Preparatory milling of laterals,
Removal of intruding laterals and deposits

Ø mm	Height mm	Segments	Code-No.
90	40	18	21 49 40 010

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond combination milling tool - spring loaded -

Field of application: Preparatory milling of laterals,
Removal of intruding laterals and deposits

Ø mm	Height mm	Segments	Code-No.
91	35	44	21 49 40 352

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!

NEW!



Diamond cone-cylinder milling tool - with carbide tip, flutes + flushing holes -
Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
70	54	28	21 49 40 180

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond grooving milling tool - with flushing holes -
Field of application: Opening of laterals and inlet lines

Ø mm	Height mm	Segments	Code-No.
33	57	18	21 49 40 031
25	50	12	21 49 40 033
25	65	15	21 49 40 011

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond radius milling tool
Field of application: Removal of intruding laterals and deposits

Ø mm	Height mm	Segments	Code-No.
90	30	27	21 49 40 023

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Diamond mushroom shaped peripheral milling tool
- with flutes, spring loaded -
Field of application: Removal of intruding laterals and deposits

Ø mm	Pipe DN mm	Height mm	Segments	Code-No.
100	200	30	40	21 49 40 244
120	250	30	48	21 49 40 245
120	300	30	48	21 49 40 221
120	350-400	30	48	21 49 40 236
120	450-500	30	48	21 49 40 237
120	600	30	48	21 49 40 238

Kardiam-BLACK-POWERLINE® Not for steel-reinforced concrete!



Carbide halfglobe milling tool
Field of application: Opening of laterals and inlet lines, finishing

Ø mm	Height mm	Granulate	Code-No.
65	34	2,5/3	21 45 00 051
85	48	2,5/3	21 45 00 050

ACCESSORIES



Corund grindstone

Field of application: Grinding of metal and cast iron pipes, removal of intruding obstacles

Ø mm	Borehole / Thread	Height mm	Code-No.
80	22,2	27	21 50 00 102
90/110	22,2	53	21 50 00 101



Brushes

Field of application: Post-processing of inliner openings, removal of residual film, Cleaning, roughening work, ...

Brushes	Ø mm	Height mm	Code-No.
Cup Brush	65	50	21 50 00 201
Cup Brush	80	70	21 50 00 200



Extensions

Ø mm	Length mm	Code-No.
55	15	21 50 01 014
55	25	21 50 01 016
55	50	21 50 01 015



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We are happy to advise you! Just give us a call!
We have tools for all sewer rehabilitation robots!

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