

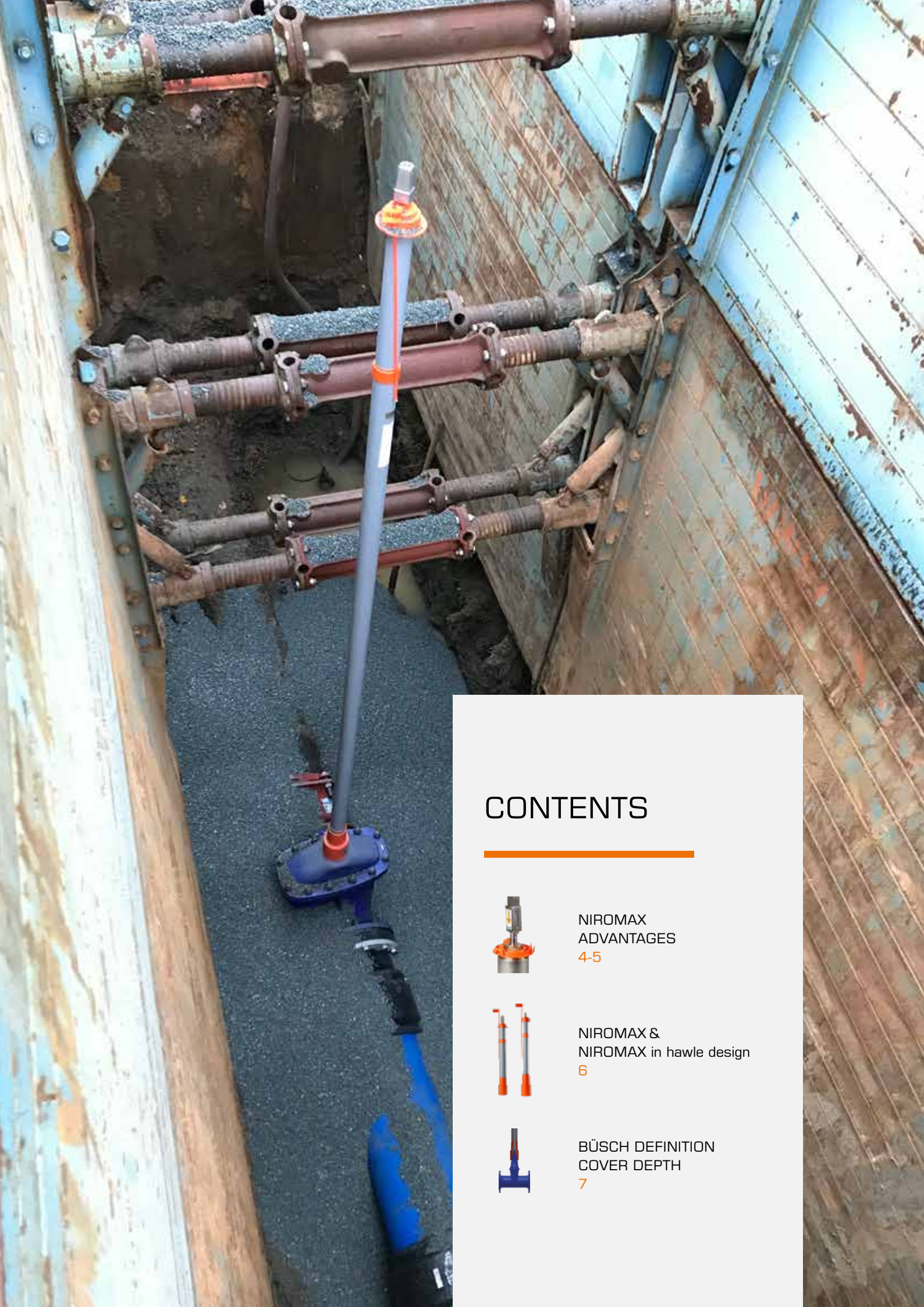
# BÜSCH

## NIROMAX<sup>®</sup>

The stainless steel  
Telescopic extension

- Stainless steel square cap
- Stainless steel square tube
- Stainless steel coupling sleeve





## CONTENTS

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NIROMAX  
ADVANTAGES  
4-5



NIROMAX &  
NIROMAX in hawle design  
6



BÜSCH DEFINITION  
COVER DEPTH  
7



## WORKS. FOREVER.

Reliable technology for continuous use

Safe, uncomplicated and consistent down to the smallest detail – our telescopic extensions are carefully designed so that once installed, you no longer have to worry.

In addition to the long-term functional reliability of all BÜSCH telescopic extensions, we guarantee absolute precision fit and durability that meet all requirements.

With our different product lines, we also cover specific applications – whether individually configured, corrosion-resistant in every component, or designed for minimal stock keeping.



### QUALITY FEATURES of BÜSCH telescopic extensions

#### LAST FOREVER

- + Stainless steel tubes made in Europe
- + Hot-dip galvanized tubes, min. 80/90  $\mu$

#### STABLE AT ANY HEIGHT

- + The telescopic mechanism remains reliably in any intermediate position

#### INSEPARABLE

- + Metallic pull-out lock reliably prevents the steel parts from being pulled apart
- + Metallic pull-out lock withstands 150 kg (GW 336 requires only 15 kg)

#### ABSOLUTELY DIRT-TIGHT

- + No ingress of dirt or sediment thanks plastic welding
- + Dirt-tight sleeve tube ensures reliable operation of the key rod

#### ALWAYS A PERFECT FIT

- + Precision-fit bells and adapters for all valves – stable and plumb positioning

#### EXTENDED QUICKLY

- + Extensions available for all BÜSCH telescopic extensions

## THE STAINLESS STEEL TELESCOPIC EXTENSION

Easy to install. Securely locked. Built to last.

NIROMAX is 100% reliable. Whether in highly corrosive soils or under heavy use of road salt in winter, NIROMAX offers unrestricted functional reliability thanks to its 100% stainless steel design.

Easy installation with NIRO-KlickFix and safe handling complete the package. Combined with the general quality features of BÜSCH telescopic extensions, it leaves nothing to be desired.

### NIRO KlickFix

Patented valve fastening

- + Tool-free installation
- + Patented locking mechanism
- + Prevents unintentional release from the valve stem
- + Protected against unlocking

**Tool-free locking in just 3 steps:**



**Shim and cleanliness discs**  
for a perfect fit on every valve



**NIROMAX** –  
maximum safety!

#### Maximum CORROSION RESISTANCE

- + 100% stainless steel – square cap, square tube, coupling sleeve
- + No coupling sleeve breakage, no salt deposits on the square cap

#### Maximum INSTALLATION SAFETY

- + All fastening elements are preassembled on the NIROMAX and are captive
- + Fast, easy and self-explanatory installation with NIRO-KlickFix

#### Maximum FASTENING SECURITY

- + Patented NIRO-KlickFix fastening
- + Securely locked and prevents unintentional release of the NIROMAX from the valve stem

#### Maximum ADAPTABILITY

- + Several NIROMAX units can easily be stacked onto one another
- + Precise connection of the sleeve tube bell to the valve using shim and cleanliness discs

#### Maximum COMPACTION SAFETY

- + The large bearing surface of the cap prevents the NIROMAX from sinking easily
- + The stepped bell guides the compaction material downwards



### Stepped bell & cap

Always fits and does not sink

- + Large cap bearing surface prevents sinking
- + Compaction material slides down along the bell



Bell with  
shim and cleanliness disc



Cover  
Valve



Cover  
House connection

### Welded hawle-bell

Securely screwed onto hawle-valves

- + Firmly connected to NIROMAX
- + Perfect fit on hawle-threads



hawle-bell weldet  
Valve



hawle-bell weldet  
House connection



### Position indicator

Valve opening in view

- + Versions in stainless steel or cast iron, mechanical or electric



NIROMAX with stainless  
steel position indicator

### Locating unit

Easy to find NIROMAX!

- + Can be located again using a simple metal detector



NIROMAX with locating unit  
in the cover

### Extension sections

Ready to use immediately

- + For more flexibility
- + Fit instantly



Extension sections for valves  
& house connections



## NIROMAX WITH NIRO-KlickFix & NIROMAX hawle version with round-thread bell

House connection stem square 12 mm

Cover depth RD (m)	Effective length GL (m)
0,75 – 1,00	0,39 – 0,58
0,90 – 1,30	0,55 – 0,88
1,00 – 1,50	0,63 – 1,08
1,20 – 1,80	0,77 – 1,37
1,50 – 2,00	0,88 – 1,58
1,70 – 2,70	1,27 – 2,38

Valve DN 40-50 stem square 14 mm

Cover depth RD (m)	Effective length GL (m)
0,75 – 1,00	0,38 – 0,58
0,90 – 1,30	0,53 – 0,88
1,00 – 1,50	0,64 – 1,10
1,20 – 1,80	0,80 – 1,42
1,50 – 2,00	0,95 – 1,69
1,70 – 2,70	1,25 – 2,32

Valve DN 65-80 stem square 17 mm

Cover depth RD (m)	Effective length GL (m)
0,75 – 1,00	0,38 – 0,58
0,90 – 1,30	0,53 – 0,88
1,00 – 1,50	0,62 – 1,06
1,20 – 1,80	0,79 – 1,40
1,50 – 2,00	0,96 – 1,70
1,70 – 2,70	1,25 – 2,32

Valve DN 100-150 stem square 19 mm

Cover depth RD (m)	Effective length GL (m)
0,75 – 1,00	0,35 – 0,52
0,90 – 1,30	0,51 – 0,85
1,00 – 1,50	0,62 – 1,06
1,20 – 1,80	0,79 – 1,40
1,50 – 2,00	0,96 – 1,70
1,70 – 2,70	1,25 – 2,32

Valve DN 200\* stem square 24 mm

Cover depth RD (m)	Effective length GL (m)
0,90 – 1,30	0,48 – 0,77
1,00 – 1,50	0,58 – 0,97
1,20 – 1,80	0,72 – 1,24
1,50 – 2,00	0,87 – 1,53
1,70 – 2,70	1,22 – 2,24

Valve DN 250-300\* stem square 27 mm

Cover depth RD (m)	Effective length GL (m)
0,90 – 1,30	0,42 – 0,64
1,00 – 1,50	0,52 – 0,85
1,20 – 1,80	0,66 – 1,12
1,50 – 2,00	0,86 – 1,48
1,70 – 2,70	1,16 – 2,12

\*Stainless steel coupling sleeves are only available with KlickFix or grooved pin; NIRO-KlickFix is not available from DN 200 onwards.



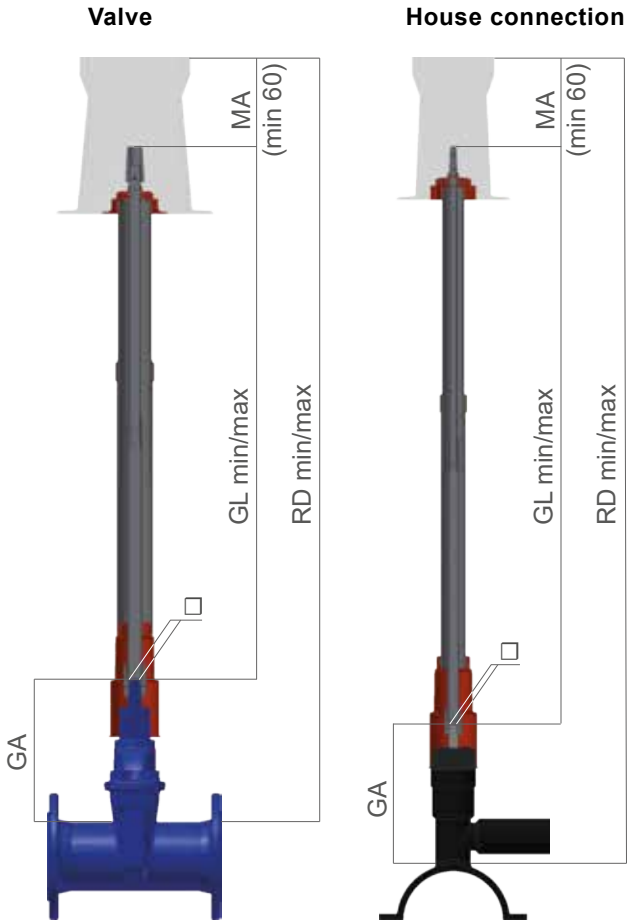
Optional also available as a NIROMAX multiple telescopic extension.



# BÜSCH DEFINITION of cover depth ranges (RD)

Gate valve	GA (mm)	□ (mm)	MA* (mm)	
			DVGW GW 336 = max 170 mm	
			stainless steel	hot-dip galvanised
Tapping saddle/house connection	160	12	126	166
Tapping clamp/house connection	260			
Gate valve DN 40	198	14	154	154
Gate valve DN 50	200			
Gate valve DN 65	233			
Gate valve DN 80	229	17	154	154
Gate valve DN 100	251			
Gate valve DN 125	275	19	154	154
Gate valve DN 150	301			
Gate valve DN 200	382	24	154	154
Gate valve DN 250	469	27		
Gate valve DN 300	507			

\*MA must be at least 60 mm



- MA= minimum distance
- RD= Cover depth (m)
- GL = Rod length/Effective length
- GA = Rod attachment point  
(depending on the manufacturer-specific valve height)
- = Stem square

**Example calculation for cover depth:**

Rod length (GL min/max) +  
rod connection point (GA) + MA (60/154)  
= cover depth (RD min/max)





BÜSCH is ISO 9001 certified



Member of the German Association for Water,  
Wastewater and Waste (DWA)



Member of the German Technical and  
Scientific Association for Gas and Water (DVGW)



Member of the Stainless Steel Trade Association  
(Warenzeichenverband Edelstahl Rostfrei e.V.)

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