

Drainage technology - floor drains

Drainage technology - drainage channels

Drainage technology - parking areas

Drainage technology - landscaping

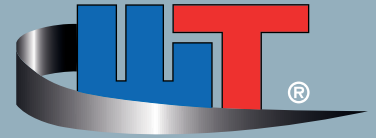
Manhole covers & pipe leadthroughs

Crash guards & edge protection

Doors & windows

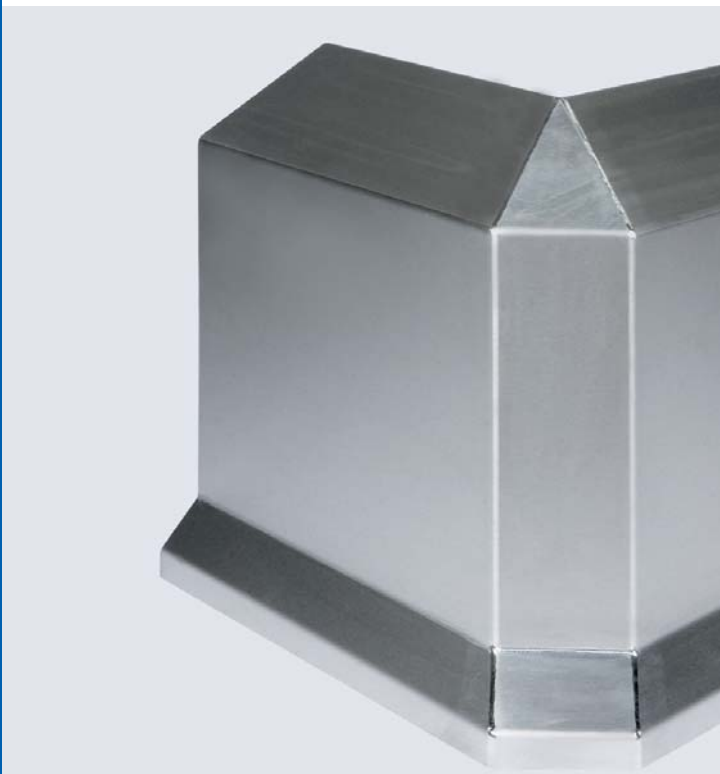
Control cabinets

Special commissions



WIEDEMANN-TECHNIK

Quality in stainless steel



Manhole

Clean closure

Close shafts and channels with absolutely safe stainless steel manhole from Wiedemann-Technik. You can choose between a safety tread cover, or a surface of your choice, to suit the type of surface you need a cover for. Our manholes are tested according to DIN EN 124/DIN 1229-06, so that you get safety you can trust.

If the manhole has to bear heavy loads we use overhead silicone seals (which fulfil the highest hygiene standards) with fret-proof VA/brass screw and nut combinations as standard.

We can manufacture the right solution to measure, depending on what kind of shaft you need a cover for.



Pipe leadthrough

The perfect solution for sealing building structures

Stainless steel pipe leadthrough from Wiedemann-Technik are used wherever pipes and pipelines have to be fed between various floor levels.

You get our pipe leadthrough with individually adjusted sleeve tube diameters and with individually adjusted sleeve tube lengths. If desired we can also manufacture our pipe ducts with fixed and moveable flanges according to DIN 18195-9.

If desired we can also offer you models made to your exact specifications.



Crash and edge protectors

Indispensable protection for building conservation

Protect doors, doorframes and corners, and particularly lightweight walls such as panel walls in commercial and public buildings with crash or edge protection from Wiedemann-Technik.

Interior wall anchors provide secure connection, and the ground surfaces also create optical perfection. We manufacture our crash protectors with bevelled fillet and vertical floor attachment as standard.

Where edge protection is concerned you can choose between internal corners and external corners. Because of the perforated strips we use, which are suitable for subsequent plastering or tiling, installation is easy, straightforward and optically perfect.

We manufacture the desired skirting or edge protectors individually to meet your specifications, to meet the highest optical demands.

Installation of crash protection

We only install WIEDEMANN crash protection using our own fitters. If desired our fitters will level, align and weld the crash protection on site. And if you want everything done by the same people, we can even deal with filling the crash protection.



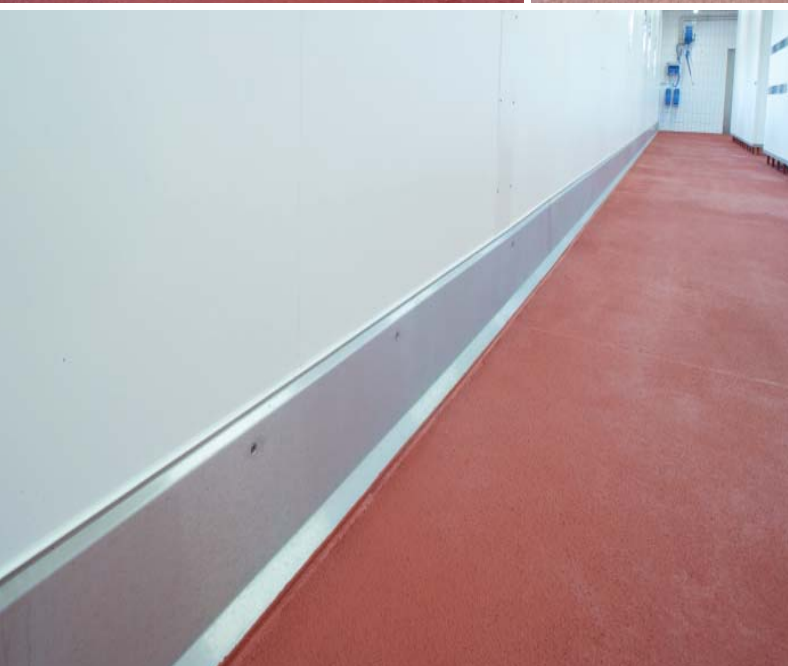


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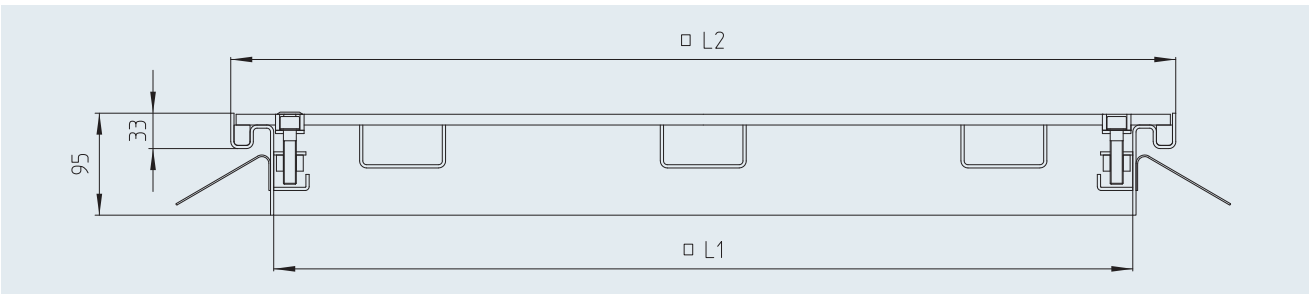
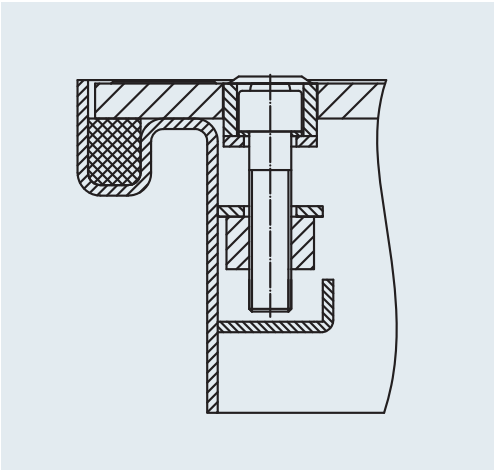
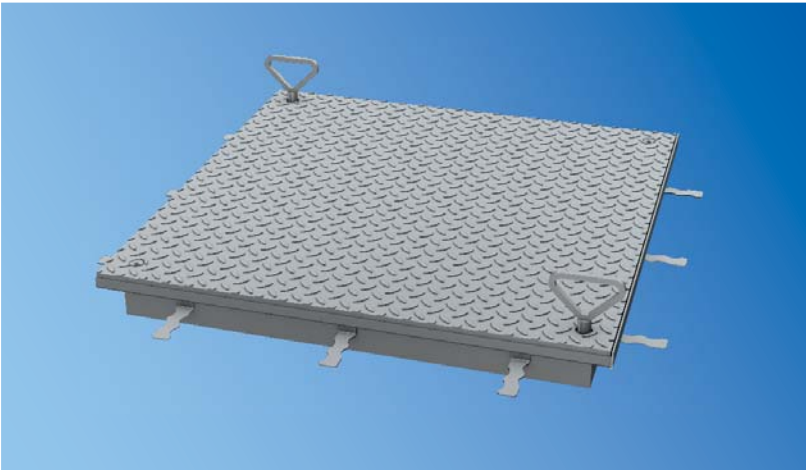
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Manhole SA – E – PTÄ



Model	Nominal size	L1 [mm]	L2 [mm]	Frame height [mm]
SA-E-PTÄ-600	600	600	680	33/95
SA-E-PTÄ-800	800	800	880	33/95
SA-E-PTÄ-1000	1000	1000	1080	33/95

Load class

■ 15 kN ■ 50 kN ■ 125 kN

Grade

■ 1.4301 (AISI 304) ■ 1.4571 (AISI 316 Ti)¹⁾

Description for use in tenders

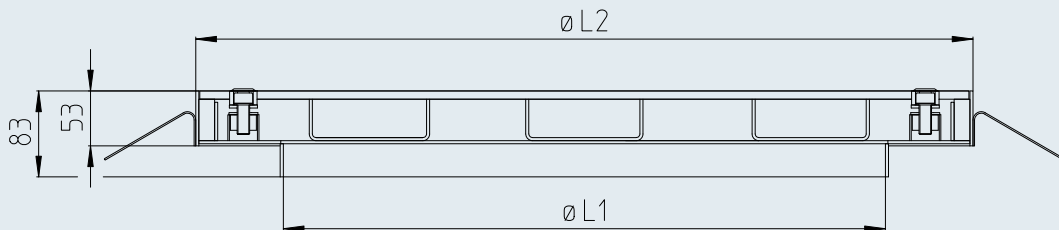
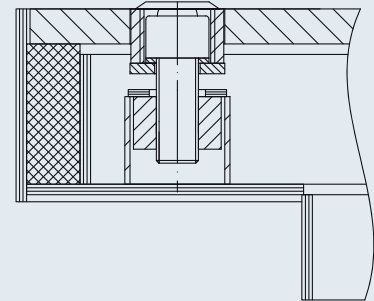
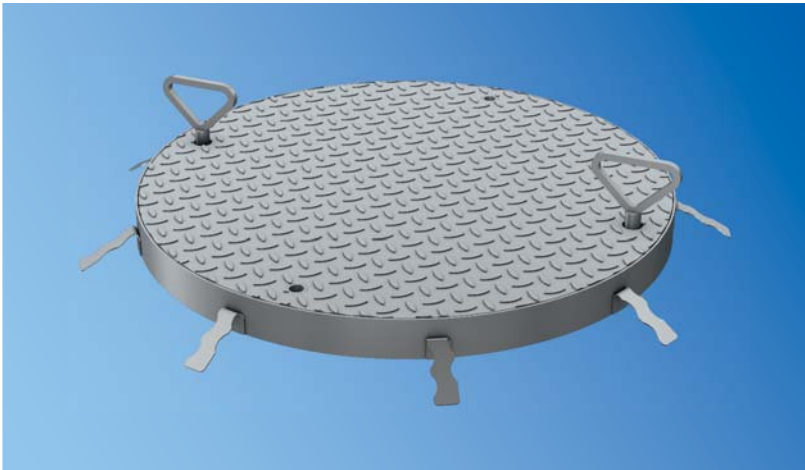
Manhole, right for fork lifter traffic, square, test force according to DIN EN 124 and DIN 1229, Model SA-E-PTÄ. Available in smell and waterproof design with overhead silicone seal. Simple locking by means of fret-proof M12 VA/brass screw and nut combination, with screw-in lifting lugs. Frame is 3 mm plate, lid made of anti slip plate cover. Surface grain blasted.

Nominal size:	• 600 x 600 mm	• 800 x 800 mm	• 1000 x 1000 mm	• x mm
Load class:	• 15 kN	• 50 kN	• 125 kN	
Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾	
Opt. Flange variants:	• Attachment flange • Bonding flange		• Adhesive flange, t = 3.0 mm	

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Manhole SA – RD – PTÄ



Model	Nominal size	Ø L1 [mm]	Ø L2 [mm]	Frame height [mm]
SA-RD-PTÄ-600	600	580	750	53/83
SA-RD-PTÄ-800	800	780	950	53/83
SA-RD-PTÄ-1000	1000	980	1150	53/83

Load class

■ 15 kN ■ 50 kN ■ 125 kN

Grade

■ 1.4301 (AISI 304) ■ 1.4571 (AISI 316 Ti)¹⁾

Description for use in tenders

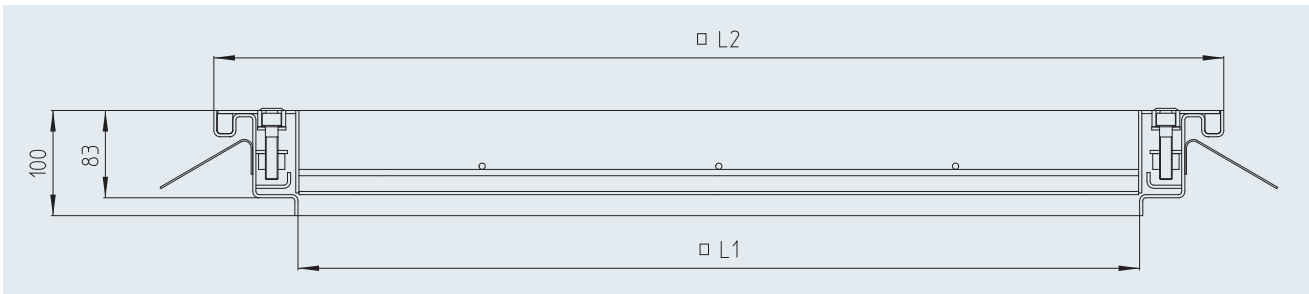
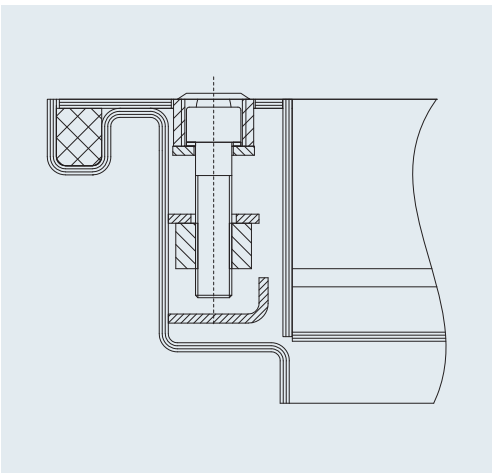
Manhole, right for fork lifter traffic, round, test force according to DIN EN 124 and DIN 1229, Model SA-RD-PTÄ. Available in smooth and waterproof design with overhead silicone seal. Simple locking by means of fret-proof M12 VA/brass screw and nut combination, with screw-in lifting lugs. Frame is 3 mm plate, lid made of anti slip plate cover. Surface grain blasted.

Nominal size:	• 600 mm	• 800 mm	• 1000 mm	• mm
Load class:	• 15 kN	• 50 kN	• 125 kN	
Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾	
Opt. Flange variants:	• Attachment flange • Bonding flange		• Adhesive flange, t = 3.0 mm	

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¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Manhole SA-E-BTF



Model	Nominal size	L1 [mm]	L2 [mm]	Frame height [mm]
SA-E-BTF-600	600	600	760	83/100
SA-E-BTF-800	800	800	960	83/100
SA-E-BTF-1000	1000	1000	1160	83/100

Load class

■ 50 kN

Grade

■ 1.4301 (AISI 304) ■ 1.4571 (AISI 316 Ti)¹⁾

Description for use in tenders

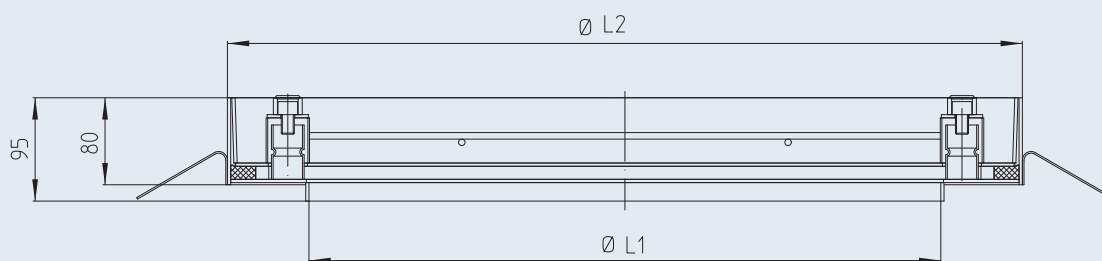
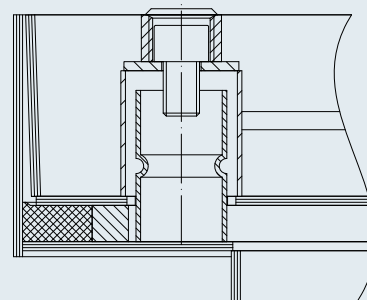
Manhole, for surfaces of your choice, in square design, load class 50kN, test force according to DIN EN 124 and DIN 1229, Model SA-E-BTF. Available in smell and waterproof design with overhead silicone seal. Simple locking by means of fret-proof M12 VA/ brass screw and nut combination, with screw-in lifting lugs. Cover and frame are made of 3 mm plate, cover as closed tray with welded reinforcement bars. Surface grain blasted.

Nominal size:	• 600 x 600 mm	• 800 x 800 mm	• 1000 x 1000 mm	• x mm
Grade:	• 1.4301 (AISI 304)	• 1.4571 (AISI 316 Ti) ¹⁾		
Flange variants:	• Attachment flange • Bonding flange		• Adhesive flange, t= 3.0 mm	

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Manhole SA-RD-BTF



Model	Nominal size	Ø L1 [mm]	Ø L2 [mm]	Frame height [mm]
SA-RD-BTF-600	600	580	730	80/95
SA-RD-BTF-800	800	780	930	80/95
SA-RD-BTF-1000	1000	980	1130	80/95

Load class

■ 50 kN

Grade

■ 1.4301 (AISI 304) ■ 1.4571 (AISI 316 Ti)¹⁾

Description for use in tenders

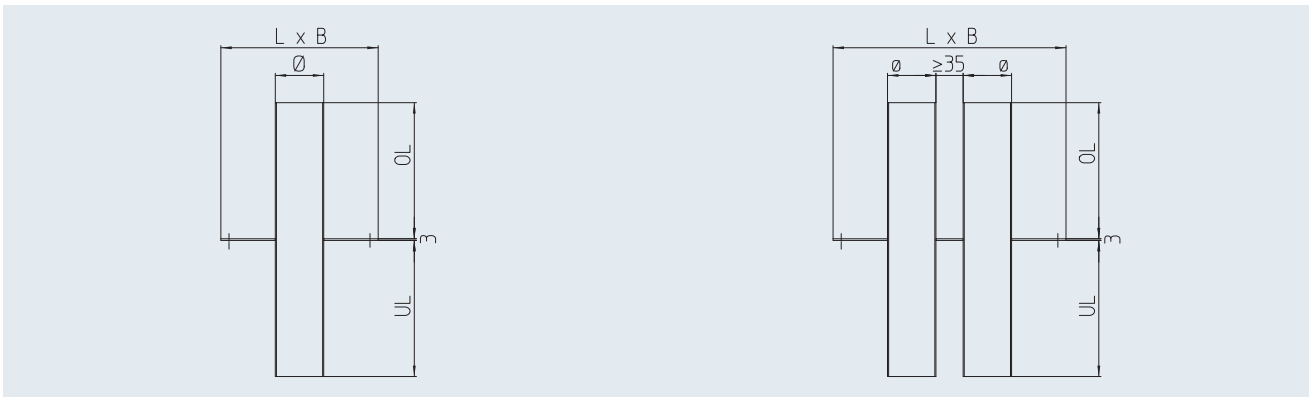
Manhole, for surfaces of your choice, in round design, load class 50kN, test force according to DIN EN 124 and DIN 1229, Model SA-RD-BTF. Available in smell and waterproof design with bottom-mounted silicone seal. Simple locking by means of fret-proof M12 VA/brass screw and nut combination, with screw-in lifting lugs. Cover and frame made of 3 mm plate, cover as closed tray with welded reinforcement bars. Surface grain blasted.

Nominal size:	• 600 mm	• 800 mm	• 1000 mm	• mm
Grade:	• 1.4301 (AISI) 304)		• 1.4571 (AISI 316 Ti) ¹⁾	
Opt. Flange variants:	• Attachment flange		• Adhesive flange, t = 3.0 mm	
	• Bonding flange			

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Pipe leadthrough RDFN



Description for use in tenders

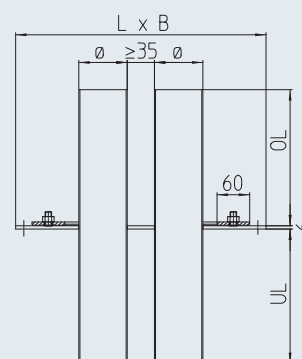
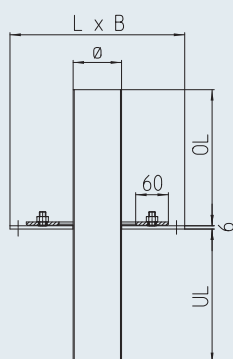
Pipe leadthrough, Model RDFN, with 3 mm thickness adhesive flange without moveable flange. Ascender and descender of the sleeve tube each 250 mm long, without cover. Bonded flange with 4 mounting holes. Surface pickled.

Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾	
Flange plate:	• x mm			
Nos sleeve tubes:	• Stck			
Ø Sleeve tubes:	• 21.3 x 2.0 mm	• 26.9 x 2.0 mm	• 33.7 x 2.0 mm	• 40.0 x 2.0 mm
	• 42.4 x 2.0 mm	• 48.3 x 2.0 mm	• 54.0 x 2.0 mm	• 60.3 x 2.0 mm
	• 70.0 x 2.0 mm	• 76.1 x 2.0 mm	• 88.9 x 2.0 mm	• 108.0 x 2.0 mm
	• 114.3 x 2.0 mm	• 129.0 x 2.0 mm	• 139.7 x 2.0 mm	• 154.0 x 2.0 mm
	• 168.3 x 2.0 mm	• 204.0 x 2.0 mm	• 219.1 x 2.0 mm	• other ø on request
Ascender OL:	• mm			
Descender UL:	• mm			
Flange:	• Moveable flange in 3 mm sheet metal profile, thread bolt M 10 x 25 mm			
Other optional equipment:	• Bonded flange with wall edging			

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Pipe leadthrough RDFN



Description for use in tenders

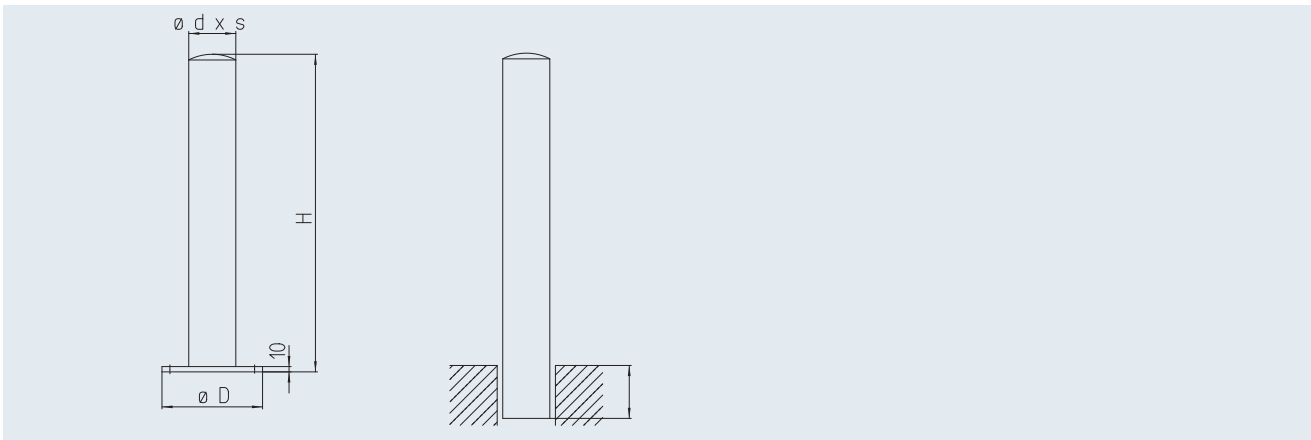
Pipe leadthrough, Model RDFD, with 6 mm thickness fixed and moveable flange according to DIN 18195-9. Ascender and descender of the sleeve tubes each 250 mm long. fixed flange with 4 mounting holes. Surface pickled.

Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾	
Flange plate:	• x mm			
Nos sleeve tubes:	• Stck			
Ø Sleeve tubes:	• 21.3 x 2.0 mm	• 26.9 x 2.0 mm	• 33.7 x 2.0 mm	• 40.0 x 2.0 mm
	• 42.4 x 2.0 mm	• 48.3 x 2.0 mm	• 54.0 x 2.0 mm	• 60.3 x 2.0 mm
	• 70.0 x 2.0 mm	• 76.1 x 2.0 mm	• 88.9 x 2.0 mm	• 108.0 x 2.0 mm
	• 114.3 x 2.0 mm	• 129.0 x 2.0 mm	• 139.7 x 2.0 mm	• 154.0 x 2.0 mm
	• 168.3 x 2.0 mm	• 204.0 x 2.0 mm	• 219.1 x 2.0 mm	• other ø on request
Optional	Ascender OL:	• mm		
	Descender UL:	• mm		
	Other optional equipment:	• Bonded flange with wall edging		

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Crash protection post RP



Model	Ø d [mm]	s [mm]	Ø D [mm]
RP-60	60.3	2.0	160
RP-90	88.9	2.0	190
RP-114L	114.3	2.0	225
RP-114S	114.3	3.0	225

Grade

■ 1.4301 (AISI 304) ■ 1.4571 (AISI 316 Ti)¹⁾

Description for use in tenders

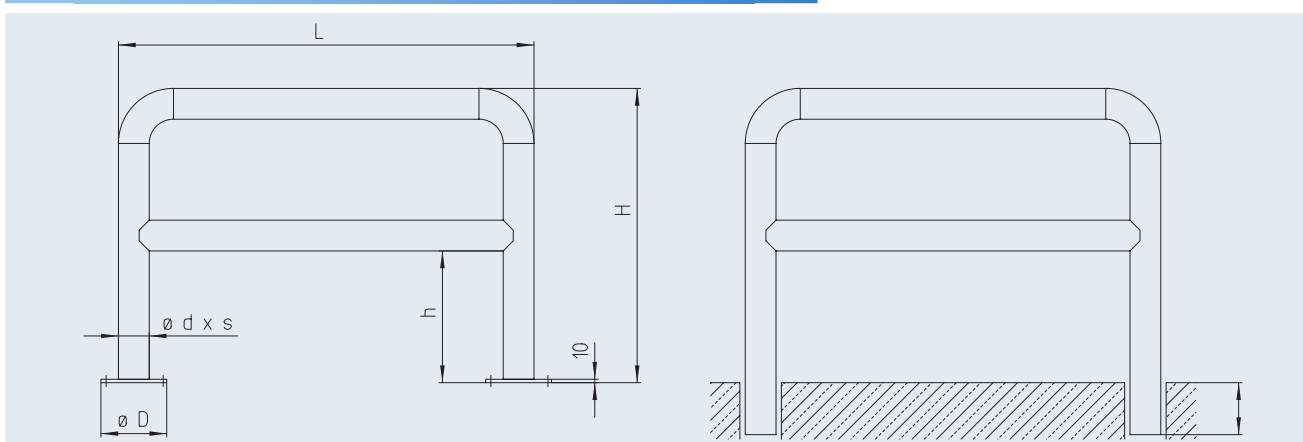
Crash protection post, Model RP, made of stainless steel pipe. With a curved end cap and a round, 10 mm²³⁾ thick base plate with 3 holes for fastening. Surface grain blasted.

Grade:	• 1.4301 [AISI 304]		• 1.4571 (AISI 316 Ti) ¹⁾	
Height:	• 600 mm	• 800 mm	• 1000 mm	• mm
End cap:	• as bevel cut			
Surface:	• pickled			
Base plate:	• none, for mounting in core bores			
Fastening:	• with 3 reaction anchors, threaded bolts and cap nuts			
Other optional equipment:	• with concrete filling • other pipe Ø or wall thicknesses on request			

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons. ²³⁾ for RP-60 and RG-60 8 mm thick

Crash protection rail RG



Model	Ø d [mm]	s [mm]	Ø D [mm]
RG-60	60.3	2.0	160
RG-90	88.9	2.0	190
RG-114L	114.3	2.0	225
RG-114S	114.3	3.0	225

Grade

■ 1.4301 (AISI 304) ■ 1.4571 (AISI 316 Ti)¹⁾

Description for use in tenders

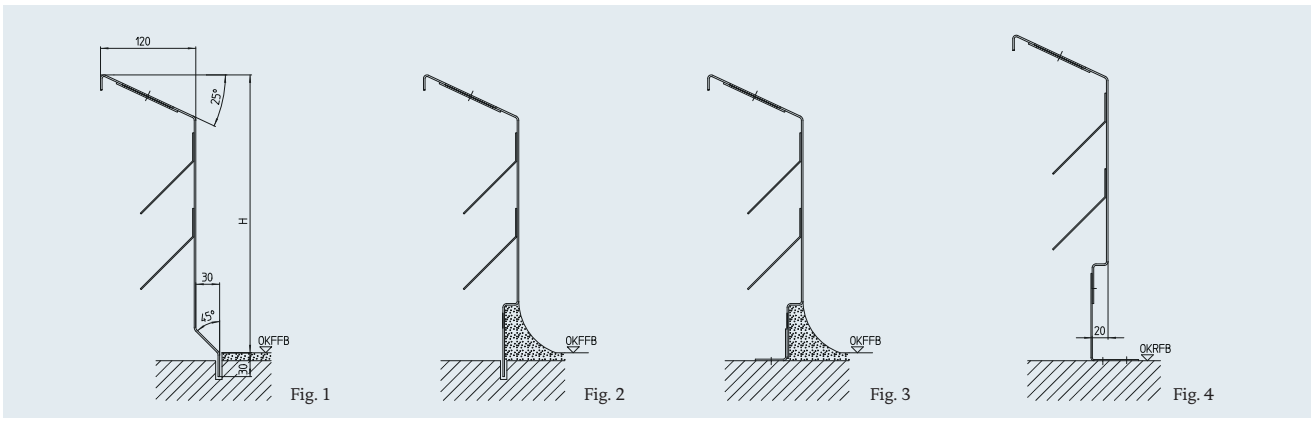
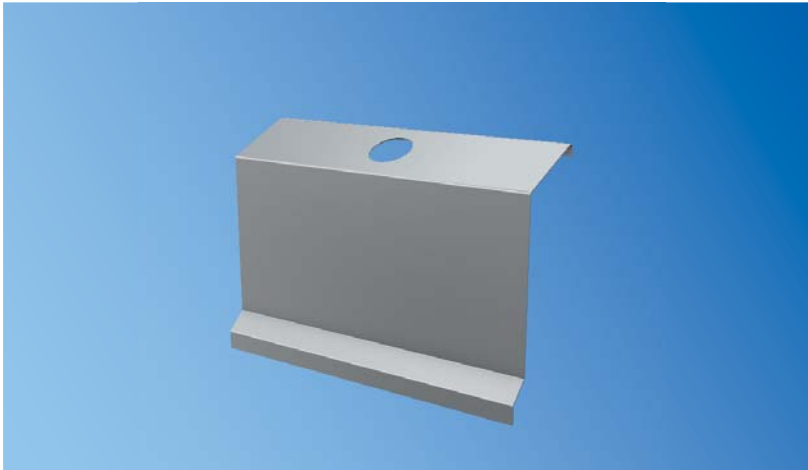
Crash protection rail, Model RG, made of stainless steel pipe. With welded pipe bends and cross rail. Two base plates, round, 10 mm²³⁾ thick, each with 3 mounting holes. Surface grain blasted.

Grade:	• 1.4301 [AISI 304]		• 1.4571 (AISI 316 Ti) ¹⁾	
Height:	• 600 mm	• 800 mm	• 1000 mm	• mm
Length:	• mm			
Cross rail:	• UK for mm • without cross rail			
Surface:	• pickled			
Base platen:	• none, for mounting in core bores en			
Fastening:	• with 6 reaction anchors, threaded bolts and cap nuts			
Other optional equipment:	• with concrete filling (no cross rail) • crash protection rails continued round the corner • other pipe Ø or wall thicknesses on request			

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons. ²³⁾ for RP-60 and RG-60 8 mm thick

Crash protection profile RSE



Description for use in tenders

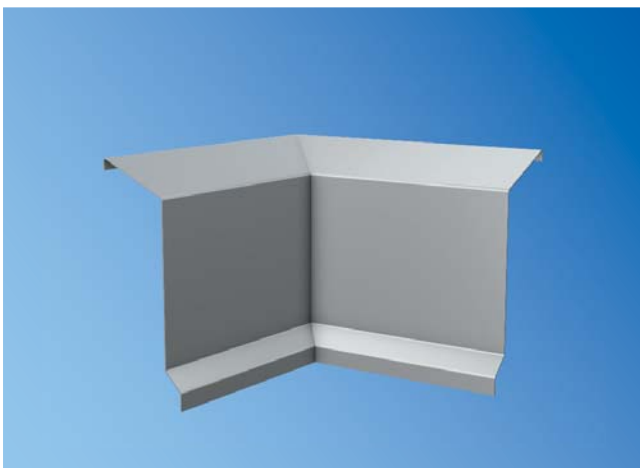
Stainless steel crash protection profile Model RSE, welded, not flanged. Made of 2.0 mm metal plate, for wall mounting, 350 mm high and 120 mm deep. With filling openings for subsequent mortar grouting. With inside wall anchors, upper edge inclined at an angle less than 25°, incl. suspension rails made of AlMg3. Supplied lengths 3,000 – 6,000 mm. Ground grain surface 240.

Length:	• metre.		
Grade:	• 1.4301 (AISI 304)	• 1.4571 (AISI 316 Ti) ¹⁾	
Numbers inside corners:	• Units		
Numbers outside corners:	• Units		
Numbers door endings:	• Units		
Lid fill openings:	• welded and pickled	• welded and ground	• glued-in
Floor connection:	• lower connection as 45° fillet with vertical floor attachment 30 mm in the floor slot provided on site (Fig. 1) • with tilt-back and floor attachment for floor slot and fillet to be provided on site (Fig. 2) • with AlMg3 tilt-back and floor angle for fillet to be provided on site (Fig. 3) • with AlMg3 tilt-back and floor angle for height adjustment for fillet to be provided on site (Fig. 4)		
Height:	• mm		
Grade thickness:	• mm		
Nos drainage connections:	• Units	(welded sleeve tube DN 50 – as duct for washbasin drain or drip water piping)	
Other optional equipmenen:	• AlMg3 floor rails for attachment to unfinished floors • Flat wall shelf behind the opened sliding door		

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¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Crash protection profile RSE



Inside corner

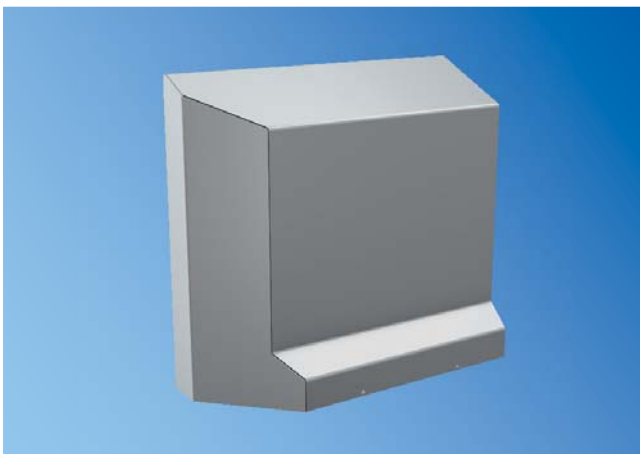
Inside corner for stainless steel crash protection profile Model RSE as mitre cut design. Weld seam pickled.



Outside corner

Inside corner for stainless steel crash protection profile Model RSE as mitre cut design. Weld seam pickled.

Corner design: • under 45° design • designed as mitre cut



End piece

End piece for stainless steel crash protection profile Model RSE as welded cover plate. Weld seam pickled.

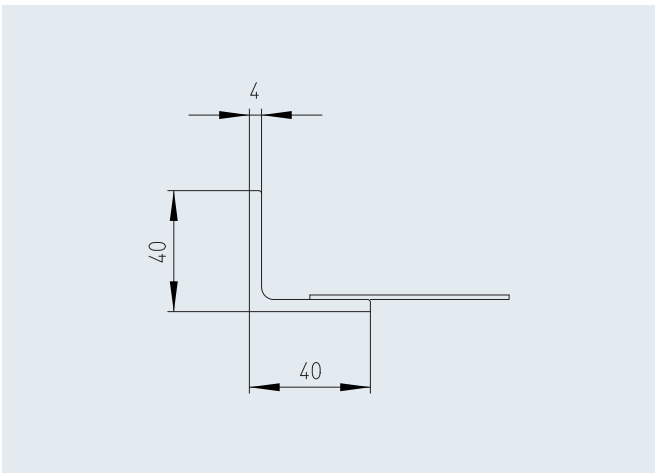
Design: • under 45° design • under 90° design



Drainage connection

Drainage connection as sleeve tube DN 50 for clean lead through building without any hygienically problematic places in the floor area.

Tile connecting element FA-01



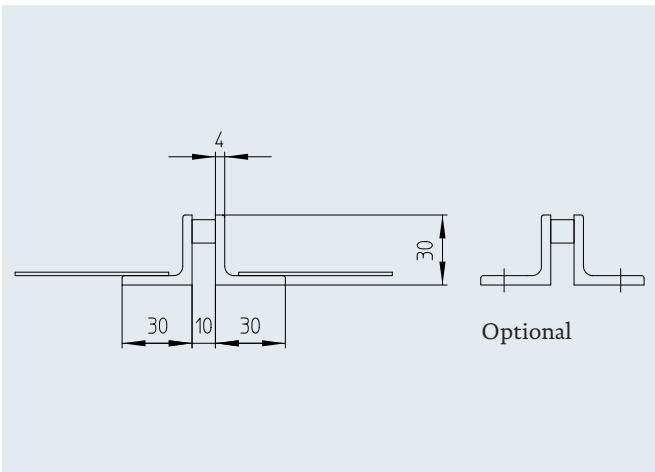
Description for use in tenders

Tile connecting element Model FA-01 for setting in concrete. Side lengths 40 x 40 mm – horizontal sides with wall anchors every 500 mm, thickness of material 4.0 mm. Surface untreated.

Optional	Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾
	Side lengths:	• 30 x 30 mm	• 50 x 50 mm	• x mm
	Surface:	• grain blasted		

We will be pleased to provide a description for specific objects for use in tenders.

Building expansion joint profile BD-01



Description for use in tenders

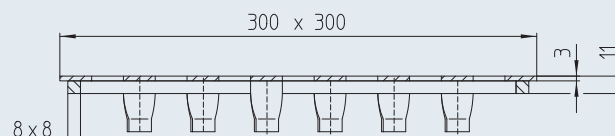
Building expansion joint profile Model BD-01 for setting in concrete, consisting of two parallel angles. Side lengths 30 x 30 mm – horizontal sides with wall anchors every 500 mm, thickness of material 4.0 mm. Angles supplied with break-out (to be done on site) spacers. Surface untreated.

Optional	Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾
	Side lengths:	• 40 x 40 mm	• 50 x 50 mm	• x mm
	Attachment method:	• with holes for screws		
	Surface:	• grain blasted		

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

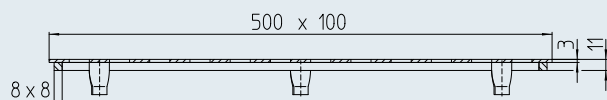
Impact plates



Description for use in tenders for impact plate 300 x 300

Impact plate as ground plate, consisting of one 3 mm thick perforated ground plate with 91 long perforations 20 x 6 mm, with 8 x 8 mm square material as foundation, 10 wall anchors arranged in several rows. Surface grain blasted.

Grade: • 1.4301 (AISI 304) • 1.4571 (AISI 316 Ti)¹⁾



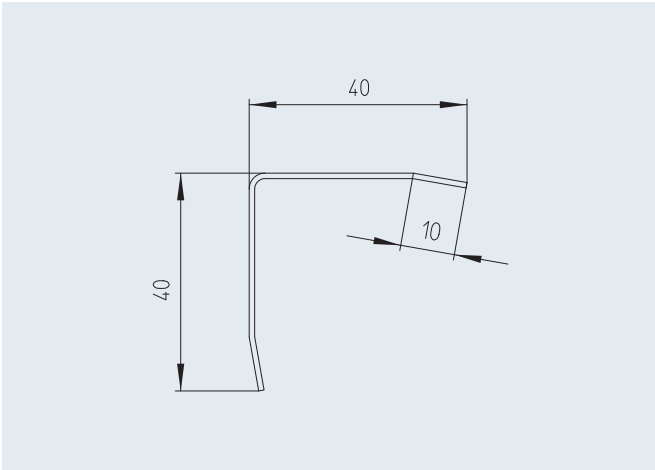
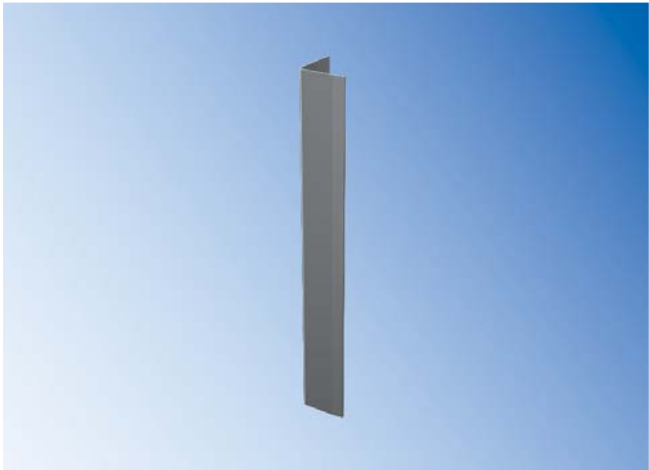
Description for use in tenders for impact plate 500 x 100

Impact plate as ground plate, consisting of one 3 mm thick perforated ground plate with 48 long perforations 20 x 6 mm, with 8 x 8 mm square material as foundation, 3 wall anchors arranged in several rows. Surface grain blasted.

Grade: • 1.4301 (AISI 304) • 1.4571 (AISI 316 Ti)¹⁾

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Corner protection strips

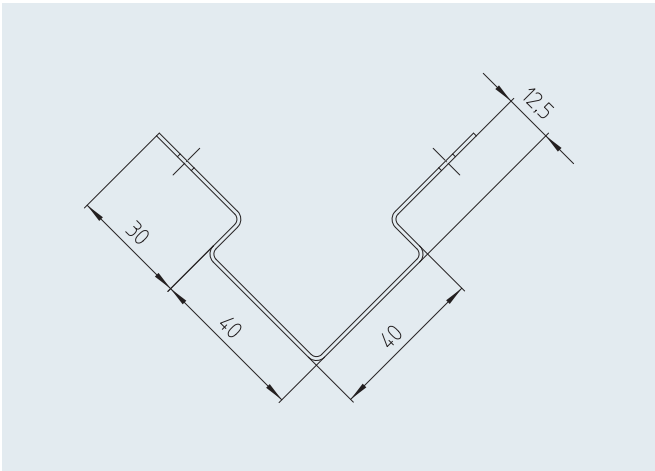
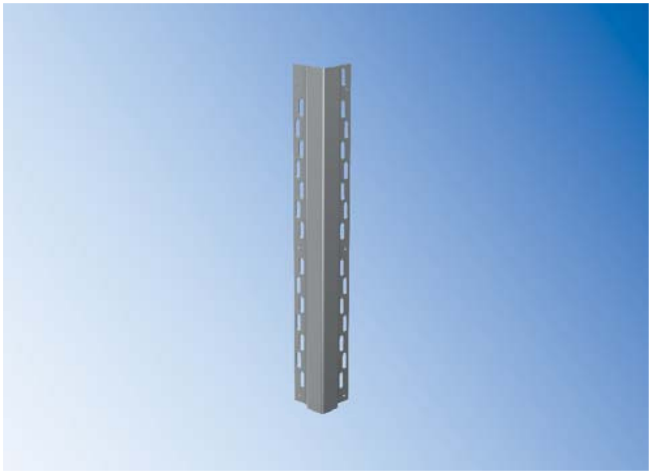


Description for use in tenders KS-01A

Corner protection strip Model KS-01A for outside corners for subsequent adhesion. Square design, side lengths 40 x 40 mm – side ends slightly scored, thickness of material 1.0 mm. Ground surface.

Opt.	Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾		
	Length:	• 1,500 mm	• 2,000 mm	• 2,500 mm	• 3,000 mm	• mm
	Side lengths:	• 30 x 30 mm	• 50 x 50 mm	• mm		
	Thickness of material:	• 1.5 mm				

We will be pleased to provide a description for specific objects for use in tenders.



Description for use in tenders KS-02EA

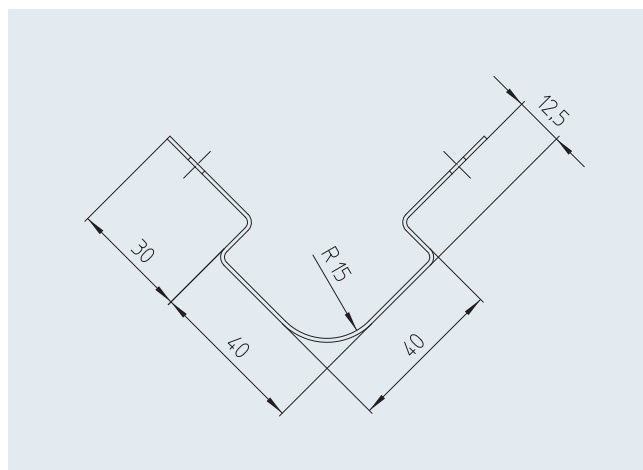
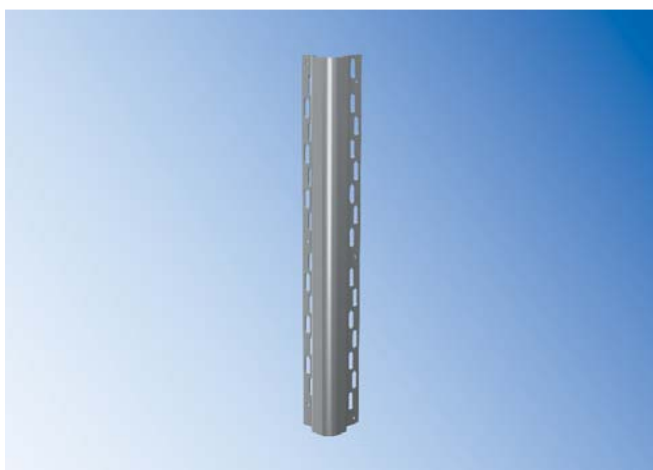
Corner protection strip Model KS-02EA for outside corners for tiling, 12.5 mm spread. Square design, side lengths 40 x 40 mm – side ends with perforation for dowel attachment or plastering, thickness of material 1.0 mm. Ground surface.

Optional	Grade:	• 1.4301 (AISI 304)		• 1.4571 (AISI 316 Ti) ¹⁾		
	Length:	• 1,500 mm	• 2,000 mm	• 2,500 mm	• 3,000 mm	• mm
	Side lengths:	• 30 x 30 mm	• 50 x 50 mm	• mm		
	Attachment method:	• with holes for subsequent screwing				
	Thickness of material:	• 1.5 mm				

We will be pleased to provide a description for specific objects for use in tenders.

¹⁾ If grade 1.4571 (AISI 316Ti) is used, some components may be made of grade 1.4404 (AISI 316) for construction reasons.

Corner protection strips



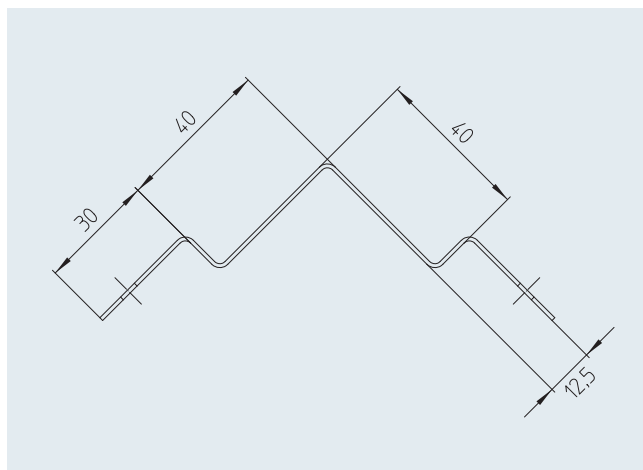
Description for use in tenders KS-03RA

Corner protection strip Model KS-03RA for outside corners for tiling, 12.5 mm spread. Round design (15 mm radius), Side lengths 40 x 40 mm – side ends with perforation for dowel attachment or plastering, thickness of material 1.0 mm. Ground surface.

Grade:	• 1.4301 (AISI 304)	• 1.4571 (AISI 316 Ti) ¹⁾			
Length:	• 1,500 mm	• 2,000 mm	• 2,500 mm	• 3,000 mm	• mm
Side lengths:	• 30 x 30 mm	• 50 x 50 mm	• mm		
Material thickness:	• 1.5 mm				

Optional

We will be pleased to provide a description for specific objects for use in tenders.



Description for use in tenders KS-02EI

Corner protection strip Model KS-02EI for inside corners for tiling, 12.5 mm spread. Side lengths 40 x 40 mm, side ends with perforation for dowel attachment or plastering, thickness of material 1.0 mm. Ground surface.

Grade:	• 1.4301 (AISI 304)	• 1.4571 (AISI 316 Ti) ¹⁾			
Length:	• 1,500 mm	• 2,000 mm	• 2,500 mm	• 3,000 mm	• mm
Side lengths:	• 30 x 30 mm	• 50 x 50 mm	• mm		
Thickness of material:	• 1.5 mm				

Optional

We will be pleased to provide a description for specific objects for use in tenders.



WIEDEMANN-TECHNIK

Quality in stainless steel



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