



Jansen Geothermal probes

Tender specifications

JANSEN

JANSEN Geothermal probes

Tender specifications (Text blocks)

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Depth overview

The choice of the ideal probe type depends on various influencing factors. However, each probe has an optimal area of application in which its strengths come into their own and make a significant contribution to the efficient operation of your system.

JANSEN geothermal systems:

Whether short or deep geothermal probe, whether classic DTH-hammer drilling or flush drilling. Thanks to the coordinated components such as probe weights and flush drilling bits, safe and quick installation is always guaranteed for all JANSEN geothermal probe types.

JANSEN powerwave coax	20 – 70 m
JANSEN powerwave single-u	20 – 100 m
JANSEN geotwin Ø32, PN16	50 – 170 m
JANSEN geotwin Ø40, PN16	70 – 270 m
JANSEN geotwin Ø40, PN20	200 – 335 m
JANSEN vertex	200 – 400 m
JANSEN hipress	150 – 500 m

JANSEN geotwin geothermal probe double-u 32x2.9 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make: JANSEN AG

Probe type: JANSEN geotwin double-u

Dimension: Ø32mm x 2.9mm

Material: PE 100 RC

Nominal pressure: PN16

Form of packaging: Coiled bundle lying on pallet

Characteristics: Cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin geothermal probe single-u 32x2.9 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin single-u
Dimension:	Ø32mm x 2.9mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin geothermal probe double-u 40x3.7 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin double-u
Dimension:	Ø40mm x 3.7mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin geothermal probe single-u 40x3.7 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin single-u
Dimension:	Ø40mm x 3.7mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin geothermal probe double-u 40x4.5 mm PN20

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin double-u
Dimension:	Ø40mm x 4.5mm
Material:	PE 100 RC
Nominal pressure:	PN20
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin shark geothermal probe double-u 32x2.9 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines. Flow optimized geothermal probe with JANSEN shark technology.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin shark double-u
Dimension:	Ø32mm x 2.9mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Shark surface technology, cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin shark geothermal probe single-u 32x2.9 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines. Flow optimized geothermal probe with JANSEN shark technology.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin shark single-u
Dimension:	Ø32mm x 2.9mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Shark surface technology, cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin shark geothermal probe double-u 40x3.7 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines. Flow optimized geothermal probe with JANSEN shark technology.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin shark double-u
Dimension:	Ø40mm x 3.7mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Shark surface technology, cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN geotwin shark geothermal probe single-u 40x3.7 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines. Flow optimized geothermal probe with JANSEN shark technology.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin shark single-u
Dimension:	Ø40mm x 3.7mm
Material:	PE 100 RC
Nominal pressure:	PN16
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Shark surface technology, cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required Length: _____

JANSEN geotwin shark geothermal probe double-u 40x4.5 mm PN20

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines. Flow optimized geothermal probe with JANSEN shark technology.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN geotwin shark double-u
Dimension:	Ø40mm x 4.5mm
Material:	PE 100 RC
Nominal pressure:	PN20
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Shark surface technology, cylindrical throughout, externally located pipe ends

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN powerwave coax coaxial probe 63 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN powerwave coax
Dimension:	Ø63mm x 2.9mm
Material:	PE 100 RC
Nominal pressure:	PN7.4
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	JANSEN corrugated pipe technology, plain pipe segments every 1000mm, inner pipe Ø37mm, connection pipe dimension Ø32mm

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN powerwave geothermal probe single-u 63 mm

Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN powerwave single-u
Dimension:	Ø63mm x 2.9mm
Material:	PE 100 RC
Nominal pressure:	PN7.4
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	JANSEN corrugated pipe technology, plain pipe segments every 1000mm, connection pipe dimension Ø32mm

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN hipress geothermal probe double-u 42x3.5 mm PN35

High pressure-stable geothermal probe with a metal multilayer structure and a metal reinforced probe foot. Pre-assembled and full factory made, welded, and tested geothermal probe made of PE 100 RC. Geothermal probe meets the requirements of SIA 384/6 and is certified according to SKZ, ÖWAV Regelblatt 207 and VDI 4640 as well as other relevant standards and guidelines.

Technical data:

Make:	JANSEN AG
Probe type:	JANSEN hipress double-u
Dimension:	Ø42mm x 3.5mm
Material:	PE 100 RC – Metal multilayer structure
Nominal pressure:	PN35
Form of packaging:	Coiled bundle lying on pallet
Characteristics:	Diffusion resistant, cylindrical throughout

Offer-Nr.: _____

Item number: _____

Required length: _____

For the further horizontal connection line, connections must be pressed with JANSEN hicon press connectors on all 4 pipes. Item number: 4010811

JANSEN grouting tubes 25x2.3 mm

Grouting tubes made of high-quality PE with green marking strips.

Technical data:

Make: JANSEN AG

Dimension: Ø25mm x 2.3mm

Material: PE-HD

Nomial pressure: PN16

Form of packaging: Coiled bundle lying on pallet/probe

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN grouting tubes 32x2.9 mm

Grouting tubes made of high-quality PE with green marking strips.

Technical data:

Make: JANSEN AG

Dimension: Ø32mm x 2.9mm

Material: PE-HD

Nominal pressure: PN16

Form of packaging: Coiled bundle lying on pallet/probe

Offer-Nr.: _____

Item number: _____

Required length: _____

JANSEN weight systems

Couplable JANSEN geothermal probe-weight made of steel with fastening screw included.

Technical data:

Make:	JANSEN AG		
Dimension:	Ø80mm		
Material:	Steel		
Offer-Nr.:	<hr/>		
Item number:	3025410	3028499	3030096
Weight:	10kg	20kg	40kg

JANSEN hicon

Press connector for the JANSEN hipress probe. Pressure resistance of up to 16 bar tested for 100 years.

Technical Data:

Make: JANSEN AG

Dimension: Ø42mm / Ø40mm

Material: V4A stainless steel – 1.4571
Glass fiber reinforced high-performance plastic

Offer-Nr.: _____

Item number: 4010811



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Industriestrasse 34
9463 Oberriet
Schweiz
jansen.com

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