

PN 16 NCS SPOTTING DRILL 1000

FOR PVC AND PE PIPES

Purpose

- Drinking water

Authorisation

- National Institute of Public Health PZH

Technical data

- Threaded connection acc. to PN-EN 228-1.
- Requirements and tests according to PN-EN 1074 – 1 and 2

Design features

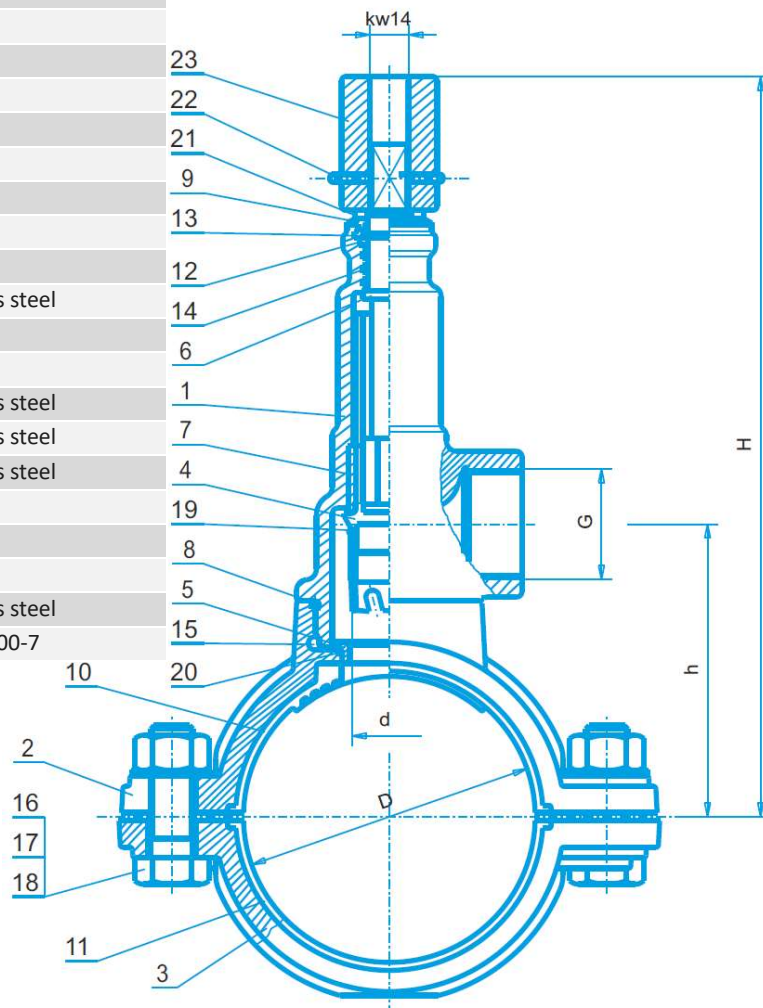
- Drilling under pressure without drilling device.
- Completely rubber-lined foot and clamp.
- Outlets with threads G1 1/4" and G2".
- Mounting with screws on PVC, PE HD80 and PE HD100 pipes, all SDR with external diameters of 90, 110, 125, 160 and 225mm.
- Body, base and clamp made of EN-GJS 500-7 ductile cast iron.
- Stainless steel drill bit.
- Stainless steel monolithic stem.
- Stem sealed with 3 o-rings.
- Top seal prevents contaminants entering from outside.
- Sealing sleeve for drill bit made of brass.
- Internal and external anticorrosive protection with epoxy powder paint RAL 5015 with coating thickness of min. 250µm, resistant to 3kV flashover.

Drilling instructions

- Before installing the NCS spotting drill, the drill bit should be withdrawn so that there is a completely free passage on the diameter D.
- Install the drill bit on the PE or PVC pipe.
- Install the appropriate water installation from the G pipe thread.
- Make a borehole in the pipeline by introducing the drill bit stem in a rotational motion to the right.



No.	Part	Materials
1.	Body	Ductile cast iron EN-GJS 500-7
2.	Foot	Ductile cast iron EN-GJS 500-7
3.	Clamp	Ductile cast iron EN-GJS 500-7
4.	Drill	Stainless steel 1.4301
5.	Sleeve	Brass
6.	Pin	Stainless steel 1.4021
7.	Guide sleeve	Brass
8.	O-ring	EPDM / NBR rubber
9.	Lip seal	EPDM / NBR rubber
10.	Foot seal	EPDM rubber
11.	Clamp gasket	EPDM rubber
12.	Sliding washer	Stainless steel
13.	Retaining ring	Galvanized or stainless steel
14.	O-ring	EPDM / NBR rubber
15.	O-ring	EPDM / NBR rubber
16.	Screw	Galvanized or stainless steel
17.	Nut	Galvanized or stainless steel
18.	Pad	Galvanized or stainless steel
19.	O-ring	EPDM rubber
20.	O-ring	EPDM / NBR rubber
21.	Pad	Polyamide PA6
22.	Cotter	Galvanized or stainless steel
23.	Cap	EN GJL 250 / EN GJS 500-7



NCS DN/G	DN	G	D	d	H	h	WEIGH T (KG)	CAT. NO.
90/1 1/4"	80	5/4"	90	29	268	100	4,1	1002
110/1 1/4"	100	5/4"	110	29	278	110	4,2	1006
125/1 1/4"	100	5/4"	125	29	285	117	4,4	1007
160/1 1/4"	150	5/4"	160	29	303	135	4,7	1011
225/1 1/4"	200	5/4"	225	29	335	168	5,3	1012
90/2"	80	2"	90	41	275	110	5,0	1013
110/2"	100	2"	110	41	285	120	5,1	1016
125/2"	100	2"	125	41	293	127	5,3	1017
160/2"	150	2"	1	41	310	145	5,5	1021