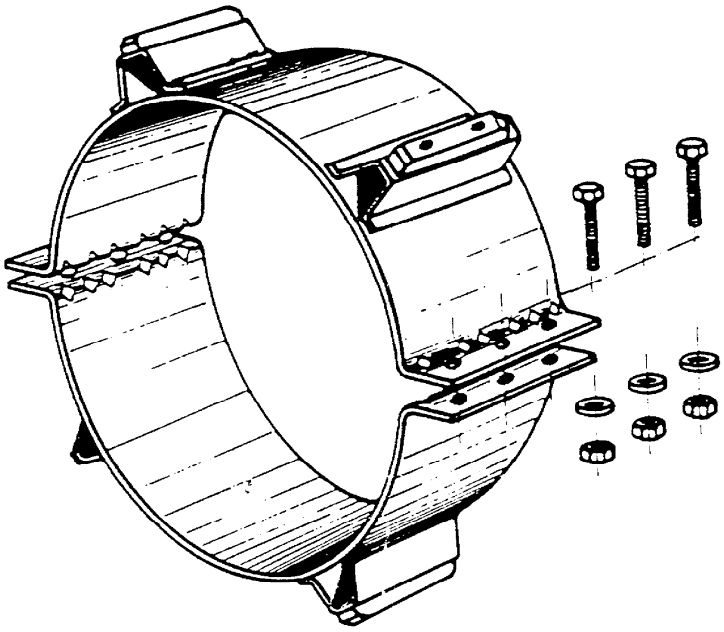
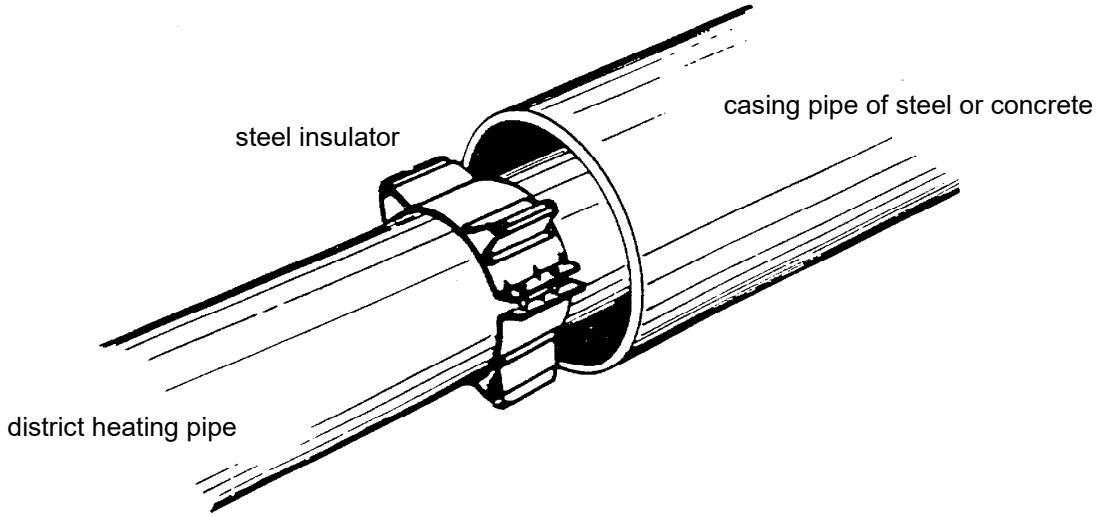
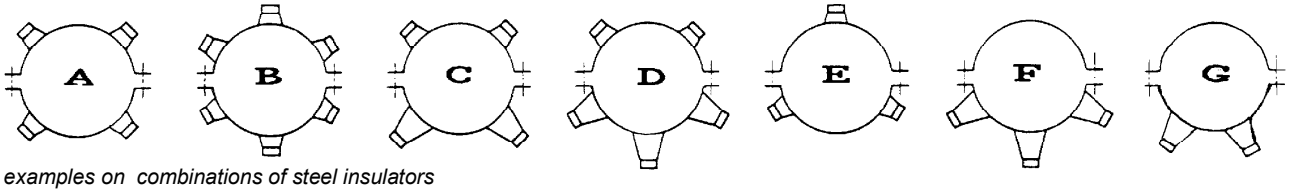
cobalch
pipeline accessories

STEEL INSULATORS
for district heating pipe larger than 400 mm



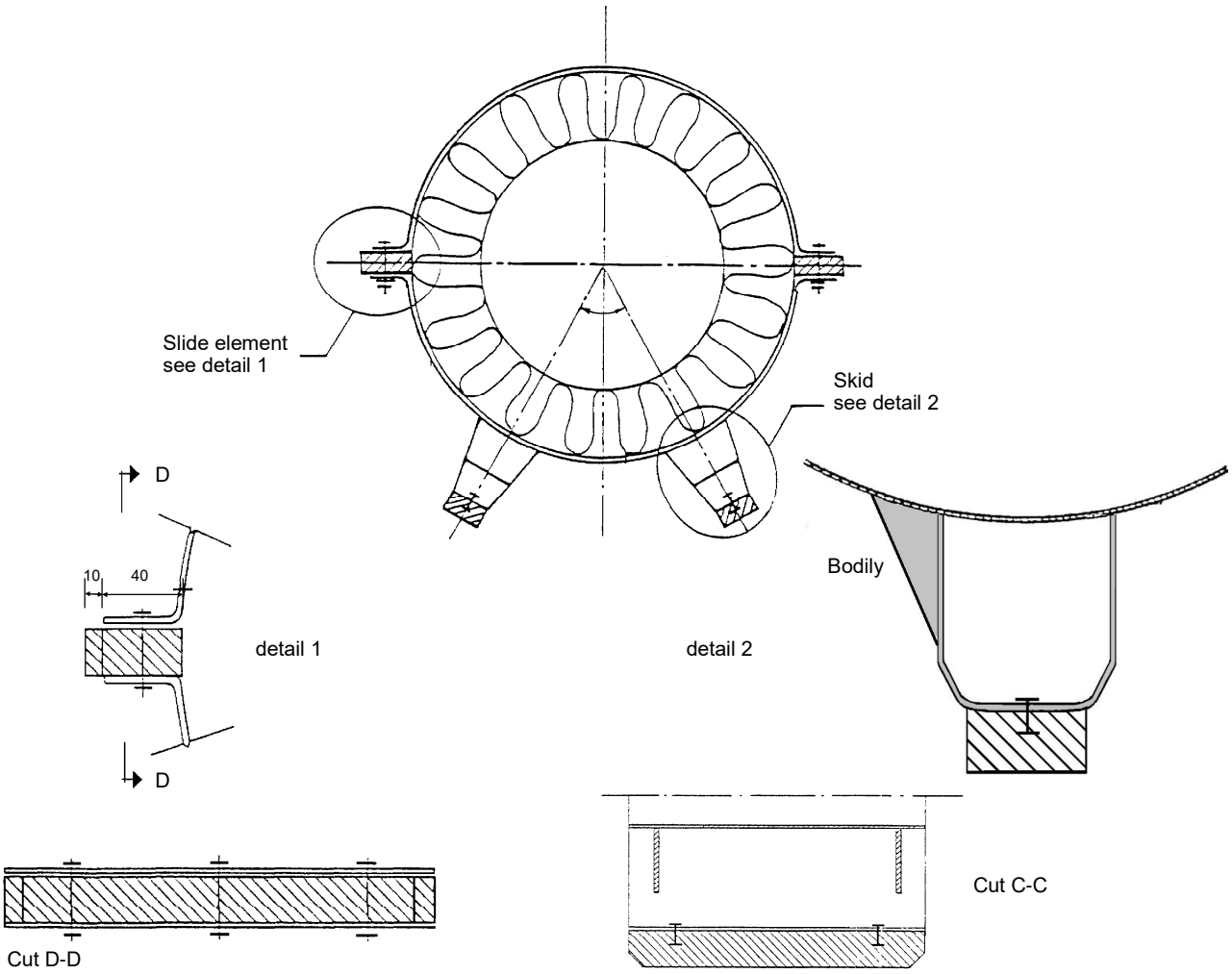




examples on combinations of steel insulators

Cobalch ApS ● Hejreskovvej 24 ● DK-3490 Kvistgård ● Denmark ● Tel.: +45 4582 0533
Danske Bank: 1471 4130088031 ● IBAN - DKK: DK3130004130088031 - EUR: DK4730004130088228 ● Swift code: DABADKKK
CVR nr. DK70614316 ● cobalch@cobalch.com ● www.cobalch.com

Cut through district heating pipe line with steel insulators - example G



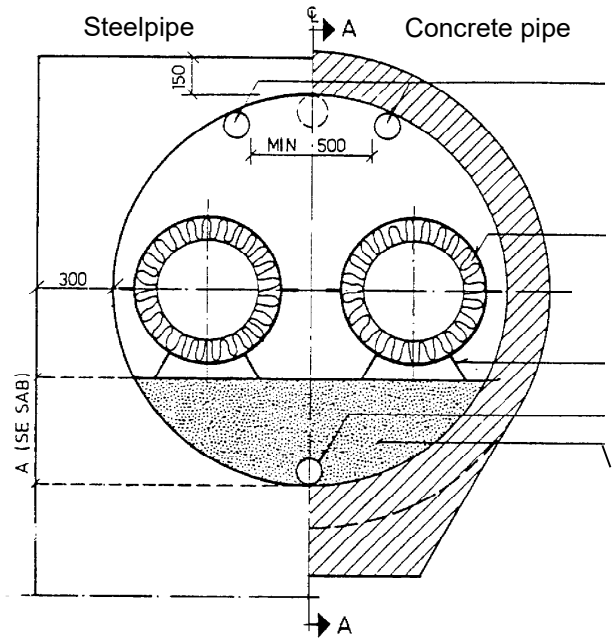
Specification of steel insulator for district heating pipes in casing pipes of steel or concrete:

1.	**Ring**	Plate: Thickness 3 mm - width 225 mm
2.	**Skid**	Plate: Thickness for skids 5 mm - skid height over 100 mm with bodily.
3.	**Bolts**	Each bolt connection have 3 pcs. M8 x 70 mm with washers and nuts
4.	**Slides**	Each leg is provided with a plastic plate of polyethylene, as shown on detail 1 and on wear element, detail 2. Must be ordered separately.
5.	**Surface**	All steel parts are hot dip galvanized
6.	**Skid height**	Is given separately in each order
7.	**Mounting distance**	DN 400-1000 = each 2 meter DN 1000 and above = each 1,5 meter
8.	**Load**	Skid height 50 mm = 1,9 ton Skid height 150 mm = 2,3 ton

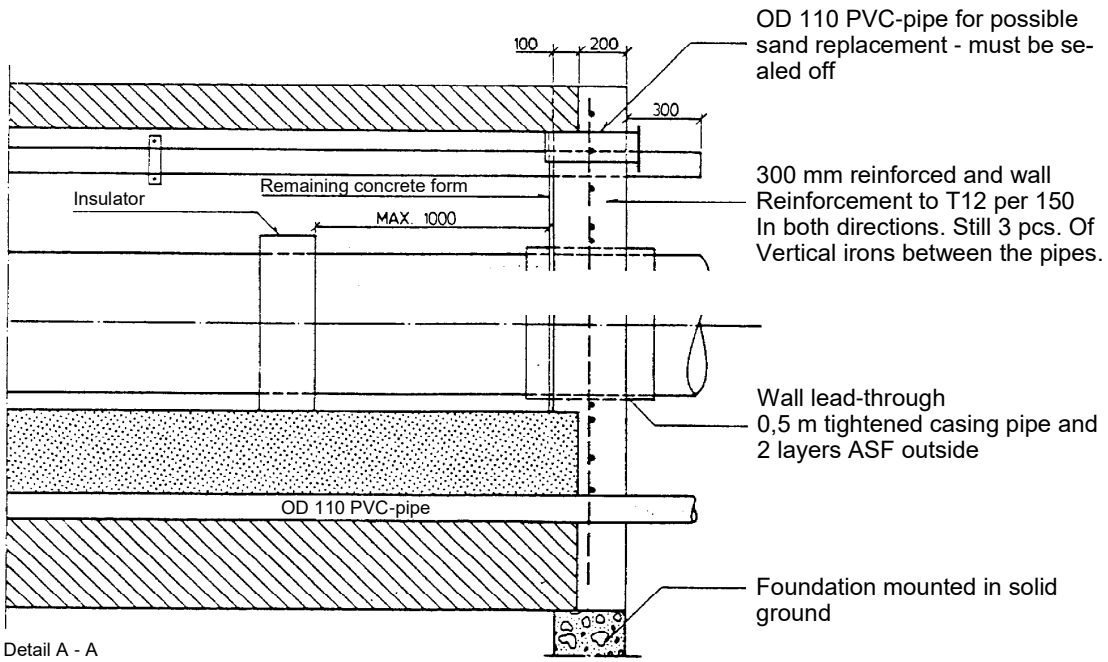
Cobalch ApS ● Hejreskovvej 24 ● DK-3490 Kvistgård ● Denmark ● Tel.: +45 4582 0533
Danske Bank: 1471 4130088031 ● IBAN - DKK: DK3130004130088031 - EUR: DK4730004130088228 ● Swift code: DABADKKK
CVR nr. DK70614316 ● cobalch@cobalch.com ● www.cobalch.com

District heating pipe in a casingpipe - type 1

2 district heating pipes placed in a casing either steel or concrete.
There are casted a plain and smooth bottom in the casing.



Closing casing with concrete, casing end seal can also be used.

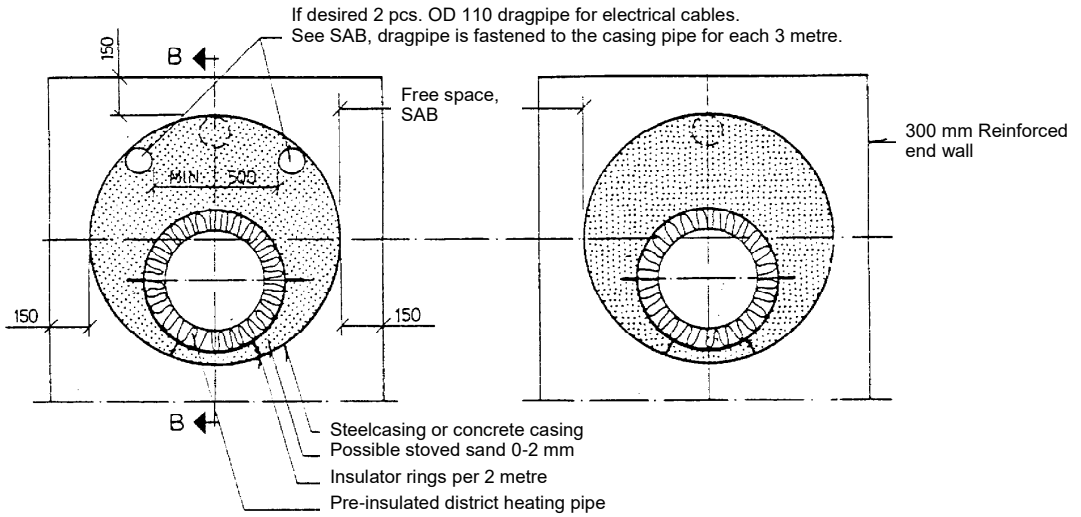


Detail A - A

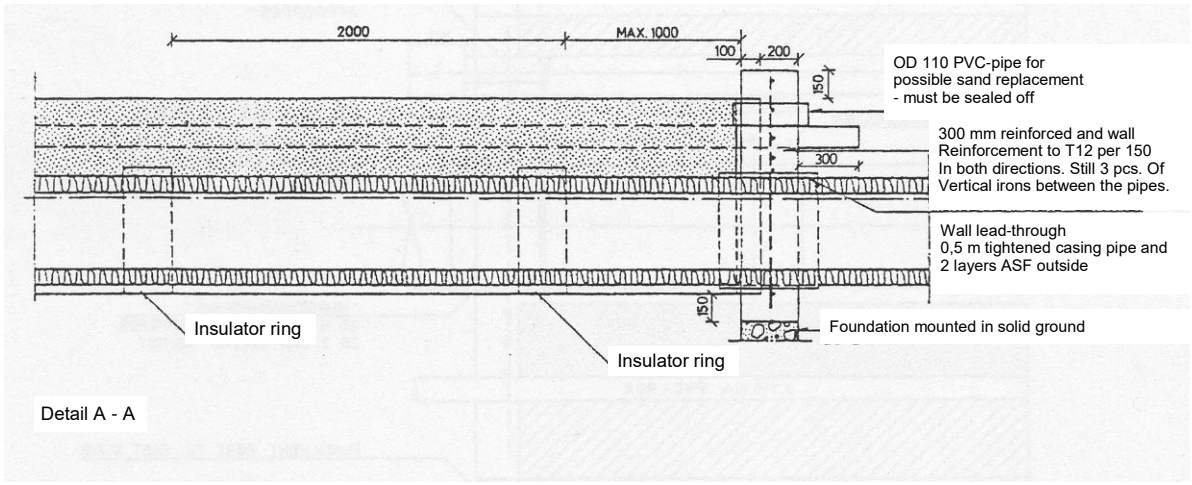
Cobalch ApS ● Hejreskovvej 24 ● DK-3490 Kvistgård ● Denmark ● Tel.: +45 4582 0533
Danske Bank: 1471 4130088031 ● IBAN - DKK: DK3130004130088031 - EUR: DK4730004130088228 ● Swift code: DABADKKK
CVR nr. DK70614316 ● cobalch@cobalch.com ● www.cobalch.com

Distrist heating pipe placed in seperat casings - type 2

1 district heating pipe placed in a casing either steel or concrete.
Can if necessary be filled with stove sand.



Closing casing with concrete, casing end seal can also be used.



Technical modifications reserved

02-21-211

Cobalch ApS ● Hejreskovvej 24 ● DK-3490 Kvistgård ● Denmark ● Tel.: +45 4582 0533
Danske Bank: 1471 4130088031 ● IBAN - DKK: DK3130004130088031 - EUR: DK4730004130088228 ● Swift code: DABADKKK
CVR nr. DK70614316 ● cobalch@cobalch.com ● www.cobalch.com