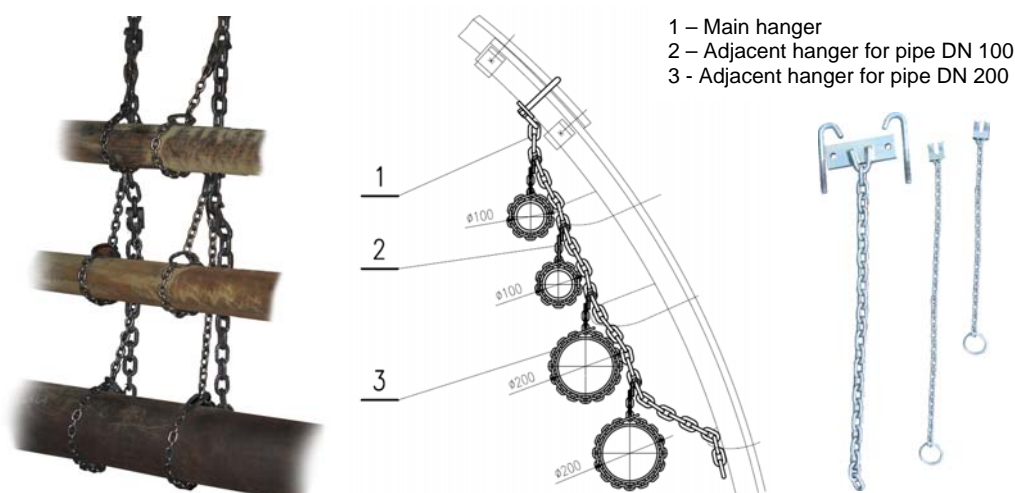


## PIPE HANGER PZK 1

### Use and description:

Pipe hanger **PZK 1** (hereinafter only hanger) is intended for hanging of piping systems in the underground openings on the arch support TH 29, TH 34 along their entire length. The complete hanger consists from three individual parts: mine hanger, adjacent hanger for the piping DN 100 and adjacent hanger for piping DN 200 (see Fig.). The main hanger is connected on its upper part to the arch support profile with hook bolts M 20.

The hanger has been dimensioned for max. load of 4 pipes 2 x DN 100 mm and 2 x DN 200 mm containing water. The hangers must be located so that 1 hanger is loaded through max. 6 m of piping (max. distance between hangers must not be higher than 6 m). The pipe is hunged with individual adjacent hangers. The adjacent hangers are made from link chains on the end of them there is an eye, through which- after the pipe has been girdled- the opposite end of the hanger is put through. On this hanger end there is a hook, which is put on the chain link of the main hanger (arrestment). The pipe is ensured against the galling out from the hanger. The advantage of this hanger is that there is the possibility to reset the piping systems when the mine openings are deformed due to rock pressure.



### Characteristics:

Type		PZK 1
Loading capacity of the main hanger	kg	1 550.0
Loading capacity of the adjacent hanger	kg	250.0
Weight of the main hanger	kg	8.1
Weight of the adjacent hanger for DN 100	kg	1.2
Weight of the adjacent hanger for DN 200	kg	2.0
Total weight of the hanger set consisting of:		
1x main hanger	kg	14.5
2x adjacent hanger for DN 100		
2x adjacent hanger for DN 200		
Types of the piping to be hanged		up to DN 200
Max. number of pipes		2xDN 100 + 2xDN 200

Type marking: **PZK 1**  
 PZK PIPE HANGER  
 1 type marking

The product has been designed and constructed as the equipment group I (mine), category M2 and group II (aboveground facilities) according to the Directive 94/9/EC-ATEX of the European Parliament and of the Council and meets the requirements for using in areas "hazardous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.