

PLAKA – WATERSTOP DWG

Waterstop sleeve for DWG threaded rods

REF 04.01.11 - Version V01 - 11/08/2020



Description



The DWG waterstop is a sealing sleeve made out of cast steel with hexagonal section, a central stop and having at both sides a special internal thread for DWG tie rods.

The sleeve presents a circular flange in the middle of its length, lengthening the path for water which would eventually seep along side the threadbars or the tubes. Each sleeve end has a cylindrical section of approx. 20mm long.

Application fields

Reinforced concrete walls that have to be watertight, to prevent water from seeping alongside the through-holes of the DWG threadbars.

Properties

Mechanical properties	
PC15MWF - Waterstop sleeve for DWG tie rods $\Phi 15.1\text{mm}$	
Service load	90 kN
Testing load	190 kN
Resistance to water pressure	7 bar (= 0.7 MPa)
PC20MWF - Waterstop sleeve for DWG tie rods $\Phi 20.0\text{mm}$	
Service load	150 kN
Testing load	345 kN
Resistance to water pressure	7 bar (= 0.7 MPa)

Dimensions

Material dimensions						
Picture	Reference code	Description	Length sleeve [mm]	Diameter plate [mm]	Diameter spigot [mm]	Weight [Kg/1]
	PC15MWF	Waterstop sleeve for DWG tie rods $\phi 15.1\text{mm}$	110	65	26	0.52
	PC20MWF	Waterstop sleeve for DWG tie rods $\phi 20.0\text{mm}$	160	80	31	0.51

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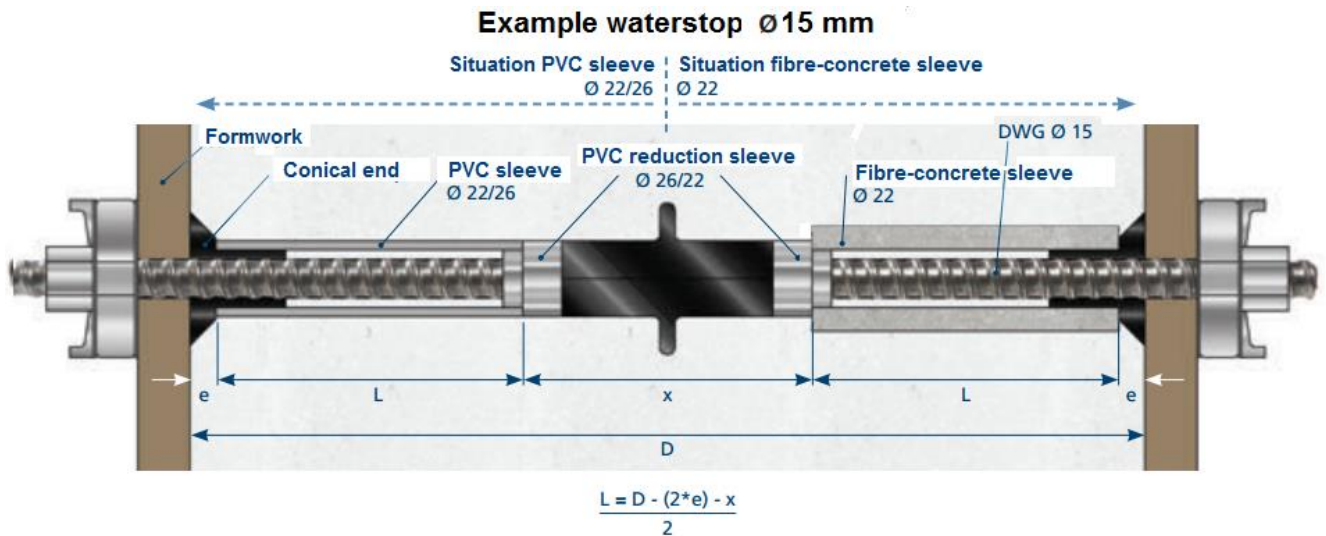
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Accessories				
Picture	Reference code	Description	Length [mm]	Weight [Kg/1]
	RS5412	Plastic reducing sleeve 22 / 26mm for DWG tie rods ϕ 15.1 mm	33	0.01

Installation instructions

For DWG tie rods ϕ 15.1 mm :



For DWG tie rods ϕ 20 mm :

There is no need for PVC reduction sleeve. The end spigots of the waterstop can directly be inserted into the plastic or fibre-concrete tube.