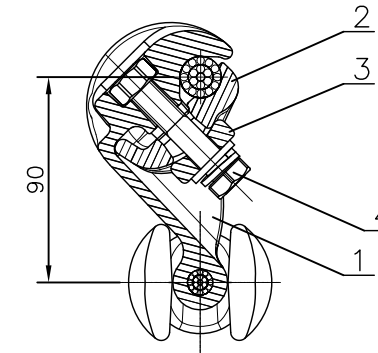
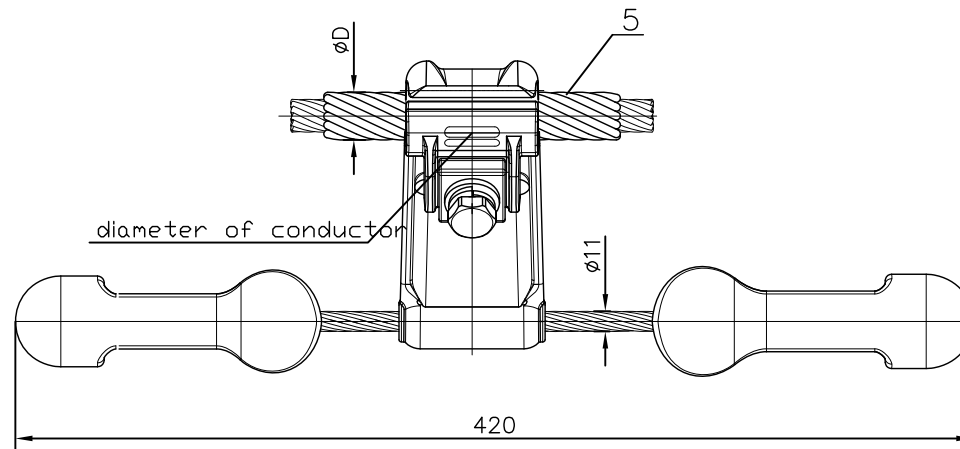


Earthwire: OPGW 120; Ø14.6 mm

ØD = 16 - 25 mm

Minimum slipping strength : 2500 N

Tightening torque of bolts : M12, 43 Nm

Maximum torque recommended by the bolt supplier : 53 Nm

Admissible deviation from nominal mass : ±3%

Manufacturer's trade mark, catalogue number and conductor diameter are marked on product.

Note:

Al alloy : acc. to EN 1706 / EN 755-2

Zn alloy : acc. to ISO 301

Tolerances ±0.7 mm up to and including 35 mm
±2% over 35 mm

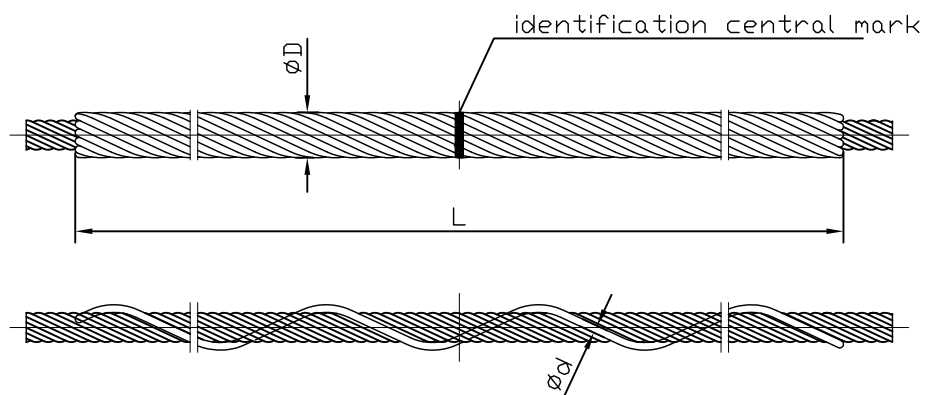
Shall be used with Armour rods.

5	Armour rods	1	62.14.36D	Al alloy	h.d.g.
4	Bolt M12 (compl.)	1		d.f.s./steel	h.d.g.
3	Special washer	1		Al alloy	
2	Fixing part	1		Al alloy	
1	Damper body	1		Al alloy / Zn alloy	
Item	Description	Pcs.	Catalogue no.	Material :	Note
Mass : 2.20 kg		Date : 26.11.2012.	Name	Signature	Substitute for :
		Design by :	D. Makanec		Catalogue number : 66.15.90.6
		Checked by :	R. Franic		
		Approved by :	D. Makanec		
Title : VIBRATION DAMPER					Revision
for Al, Al. alloy, ACSR conductor or OPGW Ø16 – Ø25 mm					1

Notes:

-All dimensions are in millimetres.

1	Updated		27.4.22.	D.Makanec	
0	First Submission		16.3.22.	S. Marić	
REV	DESCRIPTION/		DATE		BY
PROJECT NAME					
Open Programme Extension of the Transmission Network II					
BMZ No. 2015 68 286					
Contract Identification No. KIW/DSI/OHL-TD-Lot 2					
EMPLOYER					
JSC Georgian State Electrosystem (GSE)					
Baratashvili Street, Tbilisi, Georgia, 0105					
info@gse.com.ge					
ENGINEER					
Fichtner GmbH & Co. KG					
Sanweystrasse 370191 Stuttgart / Germany					
info@fichtner.de					
CONTRACTOR					
Mitas Energy and Metal Constuction Inc.					
Eski Güvercinlik Yolu No: 113 - Gazi Ankara / Turkey					
info@mitastower.com					
VENDOR					
Proizvodnja OSO Ltd.					
Vukomerička 9, 10410, Veljka Gorica / Croatia					
product.dal@dalekovod.hr					
VENDOR IDENTIFICATION NUMBER / TITLE					
66.15.90.6 / Vibration Damper for OPGW 120; Ø14.6 mm					
APPROVAL AREA			STATUS	STAMP	
REVIEWED BY	D. Makanec		AP	☐	
DATE OF REVIEW	27.4.2022.		AC	☐	
			NA	☐	
APPROVED BY	D. Makanec		TITLE		
CHECKED BY	A. Dogašević		110 kV - OPGW 120 - Vibration Damper Drawing		
DESIGNED BY	D. Makanec				
DRAWN BY	S. Marić				
DATE OF ISSUE	16.3.2022.				
SCALE	PAGE SIZE	DOC NO.			REV. PAGE
N.A.		7145A07-PO-HFT-DWG-2615			1 1/2



RIGHT HAND LAY

Catalogue number	Dimensions (mm)			Rods		Mass per set (kg)
	Conductor from - to	ØD (max.)	L	Ød	pcs	
62.14.36D	14.36 - 14.91	21.11	470	3.10	15	0.16

Preformed armour rods are intend to protect conductor on which they are being used against bending and compression stresses, abrasion and arc-over.

Note:

al. alloy : acc. to EN 1301-2

Tolerances : ± 0.7 mm up to and including 35 mm
 $\pm 2\%$ over 35 mm

Notes:

-All dimensions are in millimetres.

1	Updated	27.4.22.	D.Makanec
0	First Submission	14.04.22	D.Makanec
REV	DESCRIPTION/	DATE	BY
PROJECT NAME Open Programme Extension of the Transmission Network II BMZ No. 2015 68 286 Contract Identification No. KPW/DSI/OHL-TD-Lot 2			
EMPLOYER JSC Georgian State Electrosystem (GSE) Baratashvili Street, Tbilisi, Georgia, 0105 info@gse.com.ge			
ENGINEER Fichtner GmbH & Co. KG Senfweysstrasse 370191 Stuttgart / Germany info@fichtner.de			
CONTRACTOR Mitas Energy and Metal Constuction Inc. Eski Güvercinlik Yolu No: 113 - Gazi / Ankara / Turkey info@mitastower.com			
VENDOR Protzvodnja OSO Ltd. Vukomerička 9, 10410, Velička Gorica / Croatia product.del@dalekovod.hr			
VENDOR IDENTIFICATION NUMBER / TITLE 62.14.36D / Armour rod for OPGW 120; Ø14.5 mm			
APPROVAL AREA		STATUS	STAMP
REVIEWED BY	D. Makanec	AP ☐	
DATE OF REVIEW	31.3.2022.	AC ☐	
		NA ☐	
APPROVED BY	D. Makanec	TITLE	
CHECKED BY	A. Dogašević	DESIGNED BY	
		D. Makanec	
DRAWN BY	S. Marić	DATE OF ISSUE	
		16.3.2022.	
110 kV - OPGW 120 - Vibration Damper Armour rods for OPGW ACS 120 mm ² ; Ø14.5 mm		SCALE	PAGE NO.
		N.A.	7145A07-PO-HFT-DWG-2615
Title : ARMOUR RODS – for OPGW cable (only for installation of vibration damper)		Revision	1
		REV.	2/2

Material : al. alloy	Surface :		
Mass : 0.16 kg	Date : 01.03.2012.	Name	Signature
	Design by :	D. Makanec	Substitute for : Catalogue number : 62.14.36D
	Checked by :	D. Makanec	
	Approved by :	S. Spiljar	
	Title : ARMOUR RODS – for OPGW cable (only for installation of vibration damper)		