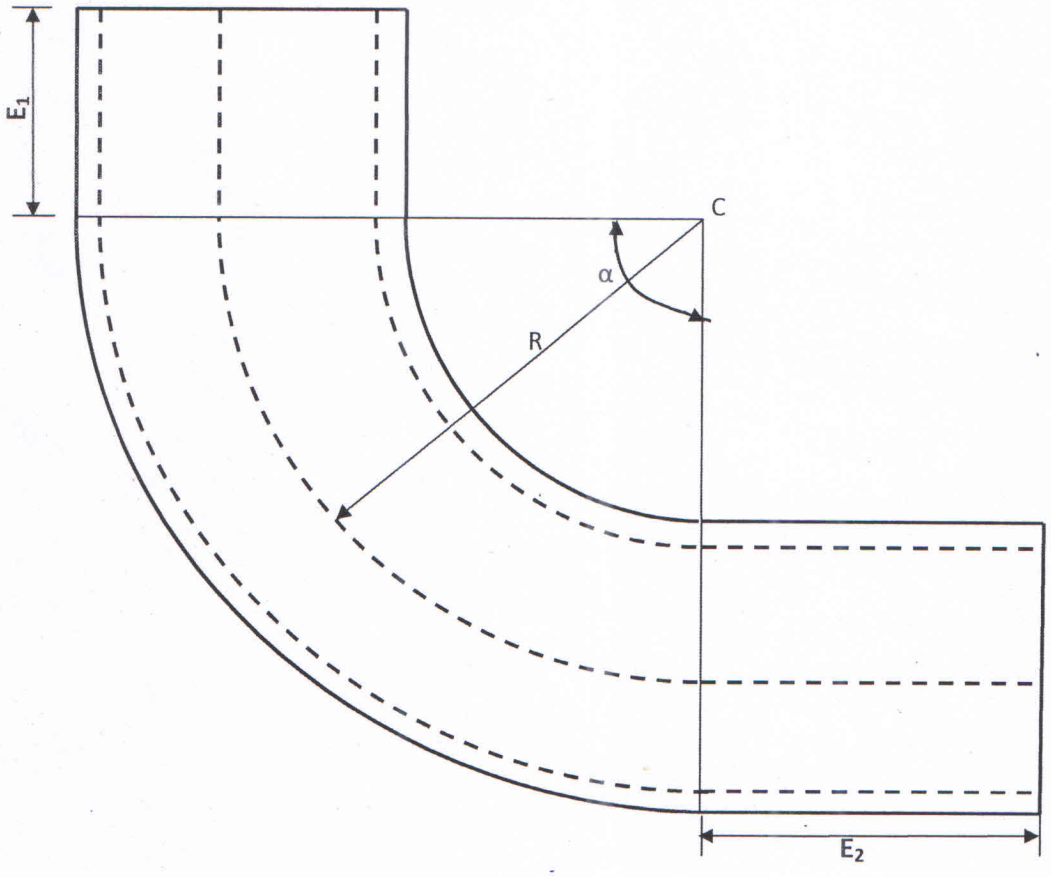
Downcomer Bend



Note:

1. Ovality of bends must be within 10% or as per IBR norms.
2. Bends must be manufactured as per IBR norms.
3. Hydraulic test must be done as per IBR.

E1 = 400MM, E2=400MM

R = RADIUS OF BEND
α = BEND ANGLE

(a)	Bend angle (α) = 45 Radius (R) = 600MM	M/s BOKARO POWER SUPPLY COMPANY Pvt LTD SECTION – TPP / BOILER
(b)	Bend angle (α) = 60° Radius (R) = 600MM	MATERIAL DESCRIPTION: DOWNCOMER BEND MATERIAL – SA106 GR. B/ ASTM A 234 GR. WPB OD – 133 MM THICKNESS – 10 MM DRAWN BY – N.K. VISHWKARMA 27/07/23 APPROVED BY – A. NAYEK DRG. NO. - 085.001/B-6000 27.7.
(c)	Bend angle (α) = 52°50' Radius (R) = 600MM	
(d)	Bend angle (α) = 19°40' Radius (R) = 600MM	
(e)	Bend angle (α) = 28°57' Radius (R) = 600MM	
(f)	Bend angle (α) = 70° Radius (R) = 600MM	