

Technical drawing of a stepped profile with dimensions a_1 through a_6 and b_1 , b_2 , and angles $\alpha = 45^\circ$.

Technical drawing of a stepped profile. The profile consists of a vertical section on the left, a horizontal section in the middle, and a vertical section on the right. The dimensions are labeled as follows: a_1 is the slanted length of the left vertical section; a_2 is the horizontal length of the middle section; a_3 is the vertical height of the right section; a_4 is the horizontal length of the top flange of the right section; b_1 is the horizontal width of the top flange of the left section; and b_2 is the vertical height of the left section. An angle φ is indicated between the slanted section and the horizontal section.

The diagram shows a stepped profile with the following dimensions:

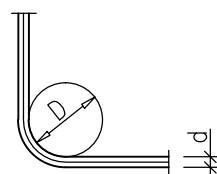
- a_1 : Vertical height of the first step.
- a_2 : Horizontal length of the first step.
- a_3 : Slope length of the second step.
- a_4 : Horizontal length of the second step.
- a_5 : Slope length of the third step.
- a_6 : Horizontal length of the third step.
- b_1 : Horizontal distance from the start of the third step to the end of the second step.
- b_2 : Vertical height of the third step.



A diagram of a U-shaped profile. The profile consists of a horizontal base and two vertical sides. The base is labeled a_2 . The left vertical side is labeled a_1 . The right vertical side is labeled a_3 . The top horizontal edge of the right side is labeled a_4 . The width of the top horizontal edge of the left side is labeled b_1 . The height of the left vertical side is labeled b_2 .

Średnica pręta "d" [mm]	Minimalna średnica wałków "D" [mm]		
	Stal		
	A-I	A-II	A-III,A-IIN
8	24	24	32
10	30	30	40
12	48	48	60
14	56	56	70
16	64	64	80
18	72	72	90
20	80	80	100
22	110	132	176
25	125	150	200
28	140	168	224
32	160	256	320

Technical drawing of a bent pipe. The drawing shows a horizontal section of the pipe on the left, which bends upwards at a right angle. The horizontal distance from the start of the bend to the vertical centerline of the pipe is labeled a_1 . The vertical distance from the horizontal centerline to the top of the pipe is labeled h_1 . The angle of the bend is indicated as $\alpha = 135^\circ$.

A diagram showing a horizontal line. On the left end, there is a vertical tick mark. On the right end, the line curves upwards and becomes diagonal, labeled h_1 .



JEDNOSTKA PROJEKTOWA:		CURSUS PROJEKT Marcin Ludwig ul. Spokojna 14, 44-171 Pławniowice tel. +48 602 555 630 fax. +48 32 720 28 16 NIP: 756-153-85-22 Regon: 241085395 www.cursusprojekt.pl mail: biuro@cursusprojekt.pl				
INWESTOR:		PGL LASY PAŃSTWOWE NADLEŚNICTWO KRAŚNIK ul. Janowska 139, 23-200 Kraśnik tel./fax. +48 81 825 20 41 +48 81 884 37 09 e-mail: krasnik@lublin.lasy.gov.pl				
LOKALIZACJA INWESTYCJI:		NADLEŚNICTWO KRAŚNIK, Leśnictwo WRZELOWIEC woj. lubelskie, powiat opolski, jedn. ewid. 061205_5 gmina Opole, obręb nr 0011 Góry Kluczkowickie, dz. ewid. 338dr, obręb 0019 Kluczkowice-Osiedle, dz. ewid. 134, 133/2, 135 (ciek), 131, 132, 129, 128, 121, 120				
PRZEDSIĘWZIĘCIE:		BUDOWA DOJAZDU POŻAROWEGO NR 15 W LEŚNICTWIE WRZELOWIEC				
STADIUM: PROJEKT BUDOWLANY		BRANŻA: DROGOWA			NR PROJEKTU: 10-1/2017	
PODSTAWA OPR.: UMOWA		TYTUŁ RYSUNKU: PRZEPUST SCHEMAT GIĘCIA PRĘTÓW			NR RYS. P5.1	
			BRANŻA:	NR UPR:	PODPIS:	SKALA: 1:50 DATA: LISTOPAD 2017
PROJEKTOWAŁ:		MGR INŻ. MARCIN LUDWIG	DROGI	SLK/2515/POOD/09		
SPRAWDZIŁ:		MGR INŻ. TOMASZ JAWORSKI	MOSTY	MAP/0124/POOM/08		