



Technical drawing of a mechanical part, showing a top view and a cross-section G-G.

Top View Dimensions:

- Overall diameter: $\varnothing 194 \pm 0.1$
- Central rectangular feature: 70×70
- Inner circular features: $R61.5$, $R6$ (all inner radii)
- Holes: $\varnothing 10H7$, $\varnothing 4H7$, $\varnothing 8$, $\varnothing 12 \pm 0.05$
- Angles: 13.5° , 33° , 27° , 30°
- Distances: 94 , 91 , 70 , $28 - 3x -$, 22
- Surface: $R 61.5$
- PCD: 152 ± 0.05 M6

Cross-section G-G (1:1) Dimensions:

- Overall height: 80 ± 0.05
- Internal features: 4 , 1.3 , $\varnothing 8$, (47) , 12 , 30 , 32
- Surface finish: $0.02 A$

Table:

workpiece edges DIN ISO 13715				general tolerances DIN ISO 2768-m		amount: 1	scale: 1 : 1
				surfaces DIN ISO 1302		material: EN AW 7021 T6	pre-product:
				designed:	30.07.2021 Rüdiger Widera	designation: Base Body	
				approved:		part number: ITkPixTool v2.01.00.01	
				status:	released	field of application: ITkPixTool v2.0	
				part rev.:	1.2 draw rev.: A	project: Atlas ITk Pixel Module	
1.2A	marked with rev.1.2A in red	21.06.22	T.Kanngießer				
B	Surface Surtec 650	14.9.21	Widera				
1.1	1	14.9.21	Widera				
rev.	alteration	date	name				

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