

PARAMETER FOR ALUMINIUM CIRCLES

1. ALUMINIUM CIRCLES SPECIFICATION

THICKNESS (MM)	1.0-2.0mm	2.0-3.0mm	3.0-4.0mm
DIAMETER(MM)	100-600MM	100-600MM	100-450MM

2. CIRCLES DIAMETER AND CORRESPONDING FRAMWORK,DIE(mm)



ITEM	FRWORK SPECI	CIRCLES'S DIAMETER
1	100-200	100/105/220/225/120/125/130/135/140/145/150/155/160/165/170/175/180/185/190/195
2	200-300	200/205/210/215/220/225/230/235/240/245/250/255/260/265/270/275/280/285/290/295
3	300-380	300/305/310/315/320/325/330/335/340/345/350/355/360/365/370/375
4	380-460	380/385/390/395/400/405/410/415/420/425/430/435/440/445/450/455
5	460-540	460/465/470/475/480/485/490/495/500/505/510/515/520/525/530/535
6	540-600	540/545/550/555/560/565/570/575/580/585/590/595/600
	Total 6 sets	Total 101 common circles diameter

3. PHYSICAL PROPERTIES

ALLOY	MATERIAL	TEMPER	THICKNESS	MPA	ELOGATION	HARDNESS
1050		0	1.0-1.5	0-100	30	
			1.5-5.0		32	
3003		0	1.0-1.5	100-120	30	50-55
			1.5-3.0		35	50-55
			3.0-5.0		35	50-55
8011		0	1.0-4.0	100-120	35	50-55

4. CIRCLES TOLERANCE(MM)

NORMAL		HIGHT GRADE		DIAMETER	TOLERANCE
THICKNESS	THICKNESS TOLERANCE	THICKNESS	TOLERANCE		
1.0-1.83	+/-0.05	1.0-1.5	+/-0.05	100-600 A specification every 5mm	+/-0.5
1.84-2.64	+/-0.08	1.5-2.0	+/-0.05		
2.65-3.25	+/-0.11	2.0-2.5	+/-0.06		
3.26-4.00	+/-0.14	2.5-3.0	+/-0.07		
		3.0-3.5	+/-0.10		
		3.5-4.0	+/-0.11		



5. Surface quality

surface is free of defects such as cracks, blisters, impurity, corrosion, dent, kink and rolled in metals. The edge of circles shall be flat, smooth, and free of burr. Circles shall be flat without any distortion, transfiguration, flatness shall be less than 1.5mm.

6. Pacing

The height of each stack doesn't exceed 800mm, usually, within one pallet, there are 4 stacks for diameter 370mm over, 9 stacks for diameter 260-350mm and 16 stacks for diameter 210-255mm.

Packing material: plastic packing tapes, plastic film, corrugating paper, epe, stretch film, hollow plates, wooden pallets.

7. Application:

Aluminum Circle is mainly used for general commercial and industrial uses, non-stick pots, cooking utensils are widely used. Also are used in the field of capacitor case, toothpaste case, medical tubes, kitchen ware, spray bottle, cosmetic case and glue tube case, road sign.

