

## ULTRA THIN CUT-OFF WHEELS (MIC, UT type)

With the minimum thickness of 0.03mm and the tolerance of  $\pm 0.002$ mm, we won the New Product Award of the Nikkan Kogyo Shimbun, a leading industrial newspaper, as one of the ten most significant new products of 1968.

In precision processing of such field as electronics, wheels provide excellent performance for wide range of applications in cutting and grooving.

The thickness of MIC type is thinner than 0.1mm and the tolerance of  $\pm 0.004$ mm or less.

The thickness of UT type is 0.1mm and thicker or the tolerance is  $\pm 0.01$ mm.

		O.D. tolerance	Thickness(mm)								Standard bore (mm)		
			0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10		0.15	
O.D. (mm)	50	+0.05 -0											12.7/25.4/40
	65			[+0.002]									12.7/25.4/40
	75							[+0.004]					12.7/25.4/40
	100										[+0.01]		12.7/25.4/40
Standard grain size			1500 ~	1200 ~	1000 ~	800 ~	320 ~						

\*  Blue indicate standard dimensions

\* [ ] Standard thickness tolerance. Higher accuracy available on request

## DIAMOND CUT-OFF WHEELS (GD type)

This resinoid bonded super abrasive type is suited for cutting materials like tungsten carbide, ceramics and glass with longer life.

		O.D. tolerance	Thickness(mm)								Standard bore (mm)		
			0.05	0.07	0.1	0.3	0.4	0.5	0.6	0.7		0.8	
O.D. (mm)	50	+0.05 -0											12.7/25.4/40
	75												12.7/25.4/40
	100											12.7/25.4/40	
	125											12.7/25.4/40	
	150	$\pm 1.0$					[+0.05 -0]						12.7/25.4/31.75
	180									[+0.06 -0]		12.7/25.4/31.75	
	205											25.4/31.75	
Standard grain size			1200 ~	600 ~	240/180	120/150							

\*  Blue indicate standard dimensions

\*  Yellow area available according to grain size and bond hardness

\* [ ] Standard thickness tolerance. Higher accuracy available on request