

HUB BLADE



Hub Blades are a perfect solution for the optimization of the dicing process for various types of materials such as: Silicon, GaAs and other wafers.

FEATURES & BENEFITS

- Improved cut quality
- Longer blade life
- Higher UPH

od = 2.187"										
Part Number Definition										
00	757	-	5	3	50	-	115	-	2	00
Special Specification	Product Family		Grit size (Mesh)	Diamond %	Max. Thickness (um)		Min. Exposure (um)		Bond Hardness	Special Specification
			1 = 5000	1 = Low	20		380		1 = Soft	
			2 = 4500	2	25		510		2 = Medium	
			3 = 4000	3 = Medium	30		640			
			4 = 3500	4	35		760			
			5 = 3000	5 = High	40		890			
			7 = 2000		50		1020			
							1150			

Available Dimensions									
Max. Thickness (um)	Tolerance Range (um)	Min. Exposure (um)	380	510	640	760	890	1020	1150
20	17-20								
25	20-25								
30	25-30								
35	30-35								
40	35-40								
50	40-50								

*Other dimensions are available upon request

FLANGES



Available for all blade types in the range of 2"-5", ADT's extensive line of flanges exhibits high-accuracy, excellent performance, ease-of-use and affordability.

FLANGE SET OPTIONS

A unique High Cooling Flange set (HCF) design spreads the coolant from the center of the flange to the outer edge of the blade on both sides to improve results in dicing hard and thick materials. High cooling flanges are available in 2" and 4" configurations.

88.82 mm Blade I.D. (3.497")**

Part Number	Flange O.D.		Blade O.D. 4.256" Exposure		Blade O.D. 4.600" Exposure		Blade O.D. 5.000" Exposure	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
00785-3515-000	4.550	115.57	-	-	.025	0.63	.225	5.72
00785-3534-000	4.530	115.06	-	-	.035	0.89	.235	5.97
00785-3514-000	4.500	114.30	-	-	.050	1.27	.250	6.35
00785-3525-000	4.474	113.64	-	-	.063	1.60	.263	6.68
00785-3513-000	4.450	113.03	-	-	.075	1.90	.275	6.99
00785-3512-000	4.400	111.76	-	-	.100	2.54	.300	7.62
00785-3511-000	4.350	110.49	-	-	.125	3.18	.325	8.26
00785-3510-000	4.300	109.22	-	-	.150	3.81	.350	8.89
00785-3509-000	4.260	108.20	-	-	.170	4.32	.370	9.40
00785-3508-000	4.236	107.59	.010	0.25	.182	4.62	.382	9.70
00785-3507-000	4.220	107.19	.018	0.46	.190	4.83	.390	9.91
00785-3506-000	4.213	107.01	.022	0.55	.194	4.91	.394	9.99
00785-3505-000	4.200	106.68	.028	0.71	.200	5.08	.400	10.16
00785-3504-000	4.180	106.17	.038	0.97	.210	5.33	-	-
00785-3503-000	4.140	105.15	.058	1.47	.230	5.84	-	-
00785-3502-000	4.100	104.14	.078	1.98	.250	6.35	-	-
00785-3563-000	4.050	102.87	.103	2.62	.275	6.99	-	-
00785-3501-000	4.000	101.60	.128	3.25	.300	7.62	-	-
00785-3521-000	3.900	99.06	.178	4.52	.350	8.89	-	-
00785-3522-000	3.800	96.52	.228	5.79	.400	10.16	-	-
00785-3523-000	3.700	93.98	.278	7.06	-	-	-	-
00785-3524-000	3.600	91.44	.328	8.33	-	-	-	-

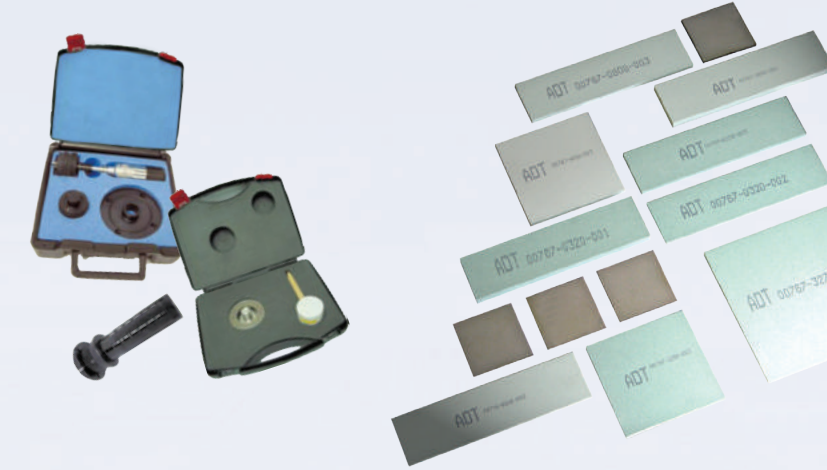
40 mm Blade I.D. (1.575")***

Part Number	Flange O.D.		Blade O.D. 2.188" Exposure		Blade O.D. 2.250" Exposure		Blade O.D. 3.000" Exposure	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
4A785-4175-000-BBD	1.750	44.45	.219	5.56	.250	6.35	.625	15.88
4A785-4176-000-BBD	1.760	44.70	.214	5.44	.245	6.22	.620	15.75
4A785-4242-000-BBD	2.420	61.47	-	-	-	-	.290	7.37
3 Inch								
4C785-4243-000	2.430	61.72	-	-	-	-	.285	7.24
4C785-4244-000	2.440	61.98	-	-	-	-	.280	7.11
4C785-4299-000	2.990	75.95	-	-	-	-	.005	0.13

**For blade I.D. of 3.5" (88.9mm) the P/N should be 00785-3 8 xx-000

*** Available from 1.75" to 2.99" with .010" (0.254mm) increment

ACCESSORIES



A wide selection of Tools and Accessories designed to facilitate and improve the Dicing Process.

Description	P / N	
Handling Tool for: 2" flange set	00757-8711-000 00757-8711-000-BBD	
Lapping Kit for: 2"-3" flange set 4" flange set	00785-2099-000 00785-3599-000	
Separator Tool for: 2"-3" flange set	4B785-4000-000	
GO Gauge set for: 2"-3" flange set 4" flange set	4B785-0029-000 00785-0009-000	
4" Flange Extractor	4B785-3002-000	
Dressing Boards	Available in various mesh & dimensions	



DICING BLADES & ACCESSORIES

A Winning Combination
for your Complete Dicing Process



www.adt-co.com



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