Advanced Dicing Technologies

# Dicing Flanges

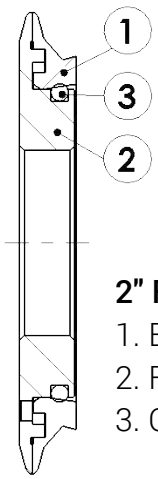


## 2" Flanges
## Single Blade Flange Sets

ADT's extensive line of flanges exhibits high-accuracy, excellent performance, ease-of-use and affordability.

**Single Blade Flange Sets ***






**2" Flange Set**
1. Back Flange
2. Front Flange
3. O-ring

ADT Advanced Dicing Technologies

# 2" Flanges



| P/N | Flange O.D. | | Blade O.D. 2.188" exposure | | Blade O.D. 58mm exposure | | Blade O.D. 3.000" exposure | |
|---|---|---|---|---|---|---|---|---|
| | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] |
| 4B785-4175-000-BBL | 1.750 | 44.45 | 0.219 | 5.56 | 0.267 | 6.78 | 0.625 | 15.88 |
| 4B785-4176-000-BBL | 1.760 | 44.70 | 0.214 | 5.44 | 0.262 | 6.65 | 0.620 | 15.75 |
| 4B785-4177-000-BBL | 1.770 | 44.96 | 0.209 | 5.31 | 0.257 | 6.52 | 0.615 | 15.62 |
| 4B785-4178-000-BBL | 1.780 | 45.21 | 0.204 | 5.18 | 0.252 | 6.39 | 0.610 | 15.49 |
| 4B785-4179-000-BBL | 1.790 | 45.47 | 0.199 | 5.05 | 0.247 | 6.27 | 0.605 | 15.37 |
| 4B785-4180-000-BBL | 1.800 | 45.72 | 0.194 | 4.93 | 0.242 | 6.14 | 0.600 | 15.24 |
| 4B785-4181-000-BBL | 1.810 | 45.97 | 0.189 | 4.80 | 0.237 | 6.01 | 0.595 | 15.11 |
| 4B785-4182-000-BBL | 1.820 | 46.23 | 0.184 | 4.67 | 0.232 | 5.89 | 0.590 | 14.99 |
| 4B785-4183-000-BBL | 1.830 | 46.48 | 0.179 | 4.55 | 0.227 | 5.76 | 0.585 | 14.86 |
| 4B785-4184-000-BBL | 1.840 | 46.74 | 0.174 | 4.42 | 0.222 | 5.63 | 0.580 | 14.73 |
| 4A785-4185-000-BBL | 1.850 | 46.99 | 0.169 | 4.29 | 0.217 | 5.51 | 0.575 | 14.61 |
| 4A785-4186-000-BBL | 1.860 | 47.24 | 0.164 | 4.17 | 0.212 | 5.38 | 0.570 | 14.48 |
| 4A785-4187-000-BBL | 1.870 | 47.50 | 0.159 | 4.04 | 0.207 | 5.25 | 0.565 | 14.35 |
| 4A785-4188-000-BBL | 1.880 | 47.75 | 0.154 | 3.91 | 0.202 | 5.12 | 0.560 | 14.22 |
| 4A785-4189-000-BBL | 1.890 | 48.01 | 0.149 | 3.78 | 0.197 | 5.00 | 0.555 | 14.10 |
| 4A785-4190-000-BBL | 1.900 | 48.26 | 0.144 | 3.66 | 0.192 | 4.87 | 0.550 | 13.97 |
| 4A785-4191-000-BBL | 1.910 | 48.51 | 0.139 | 3.53 | 0.187 | 4.74 | 0.545 | 13.84 |
| 4A785-4192-000-BBL | 1.920 | 48.77 | 0.134 | 3.40 | 0.182 | 4.62 | 0.540 | 13.72 |
| 4A785-4193-000-BBL | 1.930 | 49.02 | 0.129 | 3.28 | 0.177 | 4.49 | 0.535 | 13.59 |
| 4A785-4194-000-BBL | 1.940 | 49.28 | 0.124 | 3.15 | 0.172 | 4.36 | 0.530 | 13.46 |
| 4A785-4195-000-BBL | 1.950 | 49.53 | 0.119 | 3.02 | 0.167 | 4.24 | 0.525 | 13.34 |
| 4A785-4196-000-BBL | 1.960 | 49.78 | 0.114 | 2.90 | 0.162 | 4.11 | 0.520 | 13.21 |
| 4A785-4197-000-BBL | 1.970 | 50.04 | 0.109 | 2.77 | 0.157 | 3.98 | 0.515 | 13.08 |
| 4A785-4198-000-BBL | 1.980 | 50.29 | 0.104 | 2.64 | 0.152 | 3.85 | 0.510 | 12.95 |
| 4A785-4199-000-BBL | 1.990 | 50.55 | 0.099 | 2.51 | 0.147 | 3.73 | 0.505 | 12.83 |
| 4A785-4200-000-BBL | 2.000 | 50.80 | 0.094 | 2.39 | 0.142 | 3.60 | 0.500 | 12.70 |
| 4A785-4201-000-BBL | 2.010 | 51.05 | 0.089 | 2.26 | 0.137 | 3.47 | 0.495 | 12.57 |
| 4A785-4202-000-BBL | 2.020 | 51.31 | 0.084 | 2.13 | 0.132 | 3.35 | 0.490 | 12.45 |
| 4A785-4203-000-BBL | 2.030 | 51.56 | 0.079 | 2.01 | 0.127 | 3.22 | 0.485 | 12.32 |
| 4A785-4204-000-BBL | 2.040 | 51.82 | 0.074 | 1.88 | 0.122 | 3.09 | 0.480 | 12.19 |
| 4A785-4205-000-BBL | 2.050 | 52.07 | 0.069 | 1.75 | 0.117 | 2.97 | 0.475 | 12.07 |
| 4A785-4206-000-BBL | 2.060 | 52.32 | 0.064 | 1.63 | 0.112 | 2.84 | 0.470 | 11.94 |
| 4A785-4207-000-BBL | 2.070 | 52.58 | 0.059 | 1.50 | 0.107 | 2.71 | 0.465 | 11.81 |
| 4A785-4208-000-BBL | 2.080 | 52.83 | 0.054 | 1.37 | 0.102 | 2.58 | 0.460 | 11.68 |
| 4A785-4209-000-BBL | 2.090 | 53.09 | 0.049 | 1.24 | 0.097 | 2.46 | 0.455 | 11.56 |
| 4A785-4210-000-BBL | 2.100 | 53.34 | 0.044 | 1.12 | 0.092 | 2.33 | 0.450 | 11.43 |
| 4A785-4211-000-BBL | 2.110 | 53.59 | 0.039 | 0.99 | 0.087 | 2.20 | 0.445 | 11.30 |
| 4A785-4212-000-BBL | 2.120 | 53.85 | 0.034 | 0.86 | 0.082 | 2.08 | 0.440 | 11.18 |
| 4A785-4213-000-BBL | 2.130 | 54.10 | 0.029 | 0.74 | 0.077 | 1.95 | 0.435 | 11.05 |
| 4A785-4214-000-BBL | 2.140 | 54.36 | 0.024 | 0.61 | 0.072 | 1.82 | 0.430 | 10.92 |
| 4A785-4215-000-BBL | 2.150 | 54.61 | 0.019 | 0.48 | 0.067 | 1.70 | 0.425 | 10.80 |
| 4A785-4216-000-BBL | 2.160 | 54.86 | 0.014 | 0.36 | 0.062 | 1.57 | 0.420 | 10.67 |
| 4A785-4217-000-BBL | 2.170 | 55.12 | 0.009 | 0.23 | 0.057 | 1.44 | 0.415 | 10.54 |
| 4A785-4218-000-BBL | 2.180 | 55.37 | | | 0.052 | 1.31 | 0.410 | 10.41 |
| 4A785-4219-000-BBL | 2.190 | 55.63 | | | 0.047 | 1.19 | 0.405 | 10.29 |
| 4A785-4220-000-BBL | 2.200 | 55.88 | | | 0.042 | 1.06 | 0.400 | 10.16 |
| 4A785-4221-000-BBL | 2.210 | 56.13 | | | 0.037 | 0.93 | 0.395 | 10.03 |
| 4A785-4222-000-BBL | 2.220 | 56.39 | | | 0.032 | 0.81 | 0.390 | 9.91 |
| 4A785-4223-000-BBL | 2.230 | 56.64 | | | 0.027 | 0.68 | 0.385 | 9.78 |
| 4A785-4224-000-BBL | 2.240 | 56.90 | | | 0.022 | 0.55 | 0.380 | 9.65 |
| 4A785-4225-000-BBL | 2.250 | 57.15 | | | 0.017 | 0.43 | 0.375 | 9.53 |
| 4A785-4226-000-BBL | 2.260 | 57.40 | | | 0.012 | 0.30 | 0.370 | 9.40 |
| 4A785-4227-000-BBL | 2.270 | 57.66 | | | 0.007 | 0.17 | 0.365 | 9.27 |
| 4A785-4228-000-BBL | 2.280 | 57.91 | | | 0.002 | 0.04 | 0.360 | 9.14 |

# 2" Flanges (continue)

| P/N | Flange O.D. | | Blade O.D. 2.188" exposure | | Blade O.D. 58mm exposure | | Blade O.D. 3.000" exposure | |
|---|---|---|---|---|---|---|---|---|
| | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] | [inch] | [mm] |
| 4A785-4229-000-BBL | 2.290 | 58.17 | | | | | 0.355 | 9.02 |
| 4A785-4230-000-BBL | 2.300 | 58.42 | | | | | 0.350 | 8.89 |
| 4A785-4231-000-BBL | 2.310 | 58.67 | | | | | 0.345 | 8.76 |
| 4A785-4232-000-BBL | 2.320 | 58.93 | | | | | 0.340 | 8.64 |
| 4A785-4233-000-BBL | 2.330 | 59.18 | | | | | 0.335 | 8.51 |
| 4A785-4234-000-BBL | 2.340 | 59.44 | | | | | 0.330 | 8.38 |
| 4A785-4235-000-BBL | 2.350 | 59.69 | | | | | 0.325 | 8.26 |
| 4A785-4236-000-BBL | 2.360 | 59.94 | | | | | 0.320 | 8.13 |
| 4A785-4237-000-BBL | 2.370 | 60.20 | | | | | 0.315 | 8.00 |
| 4A785-4238-000-BBL | 2.380 | 60.45 | | | | | 0.310 | 7.87 |
| 4A785-4239-000-BBL | 2.390 | 60.71 | | | | | 0.305 | 7.75 |
| 4A785-4240-000-BBL | 2.400 | 60.96 | | | | | 0.300 | 7.62 |
| 4A785-4241-000-BBL | 2.410 | 61.21 | | | | | 0.295 | 7.49 |
| 4A785-4242-000-BBL | 2.420 | 61.47 | | | | | 0.290 | 7.37 |

**2" - Notes**

- The flanges marked in purple are Off-The-Shelf item
- Flanges are suitable to fit 40mm blade ID
- The flanges are suitable for blades up to 1mm thickness. Flanges for thicker blades, are available upon request
- The O-Ring P/N is 4B785-4006-000