



CarbonDialTable

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CARBON DIALTABLE Inertia

The low weight of the Blank Carbon Dial Table (BCDT) results in a significantly low inertia.

Values of inertia have been estimated for the Blank Carbon Dial Table (BCDT) including the Polyurethane edge.

		Material CFCD001-1000(A)-R02 Thickness, inches 1.15	Material CFCD001-2000(A)-R02 Thickness, inches 2.15
Blank Carbon Dial Table BCDT	Dial Table Diameter in	Inertia lbs.in.s ²	Inertia lbs.in.s ²
BCDT-01800(A)	18	0.4	0.5
BCDT-02400(A)	24	1.3	1.6
BCDT-03000(A)	30	3.1	3.8
BCDT-03600(A)	36	6.5	8.0
BCDT-04200(A)	42	12.0	14.8
BCDT-04800(A)	48	20.5	25.2
BCDT-05400(A)	54	32.9	40.4
BCDT-06000(A)	60	50.1	61.6
BCDT-06600(A)	66	73.4	90.1
BCDT-07200(A)	72	103.9	127.7
BCDT-07800(A)	78	143.1	175.8
BCDT-08400(A)	84	192.5	236.5

CARBON DIALTABLE

inertia compared to the following traditional dial table materials:

1" Thk. Aluminum

1" Thk. Steel

	Material BCDT	Material Aluminum	Material Steel
	Thickness, inches	Thickness, inches	Thickness, inches
	1.15	1.00	1.00
Dial Table Diameter in	Inertia lbs.in.s ²	Inertia lbs.in.s ²	Inertia lbs.in.s ²
18	0.4	3	8
24	1	8	24
30	3	20	58
36	6	41	120
42	12	76	223
48	21	129	381
54	33	207	610
60	50	315	930
66	73	461	1361
72	104	653	1927
78	143	900	2655
84	193	1099	3290

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