

Drills and Tappers

Torque Output: 0.7 to 3.8 ft-lbs (0.9 to 5.2 Nm)

Power: 0.25 hp / 0.55 hp (0.34 / 0.73 kW)



DR023B-21-C



DA023B-37-D



DR053B-41-T



DA053B-27-D

Aircraft Drills

Non-Reversible Models	Free Speed rpm	Stall Torque		Spindle Offset		Angle Head Heights w/Collet w/Female Thd				Tool Length		Tool Weight		Air Inlet Female	@ Free Speed		
		ft-lbs	Nm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg		Air Consp. cfm	Sound Level L/s dB(A)	
Series 20 with 90° Angle																	
DR023B-73-(-)	7,300	0.7	0.9	0.325	8.3	1.4	36	1.1	28	9.5	241	1.4	0.6	1/4" NPT	15	7	78
DR023B-37-(-)	3,700	1.3	1.8	0.325	8.3	1.4	36	1.1	28	9.5	241	1.4	0.6	1/4" NPT	15	7	78
• DR023B-21-(-)	2,100	2.4	3.2	0.325	8.3	1.4	36	1.1	28	10.0	254	1.5	0.7	1/4" NPT	15	7	78
• DR023B-11-(-)	1,100	4.6	6.2	0.325	8.3	1.4	36	1.1	28	10.0	254	1.6	0.7	1/4" NPT	15	7	78
DR023B-5-(-)	500	8.9	12.0	0.325	8.3	1.4	36	1.1	28	10.0	254	1.5	0.7	1/4" NPT	15	7	78
Series 20 with 45° Angle																	
DA023B-37-(-)	3,700	1.3	1.8	0.325	8.3	1.7	44	1.6	41	9.9	251	1.4	0.6	1/4" NPT	15	7	78
DA023B-21-(-)	2,100	2.4	3.2	0.325	8.3	1.7	44	1.6	41	10.4	264	1.5	0.7	1/4" NPT	15	7	78
DA023B-11-(-)	1,100	4.6	6.2	0.325	8.3	1.7	44	1.6	41	10.4	264	1.5	0.7	1/4" NPT	15	7	78
DA023B-5-(-)	500	8.9	12.0	0.325	8.3	1.7	44	1.6	41	10.4	264	1.5	0.7	1/4" NPT	15	7	78
Series 50 with 90° Angle																	
DR053B-52-(-)	5,200	2.0	2.7	0.325	8.3	1.4	36	1.1	28	10.8	274	2.4	1.1	1/4" NPT	25	12	78
DR053B-41-(-)	4,100	2.5	3.4	0.325	8.3	1.4	36	1.1	28	10.8	274	2.4	1.1	1/4" NPT	25	12	78
DR053B-27-(-)	2,700	3.8	5.2	0.325	8.3	1.4	36	1.1	28	10.8	274	2.4	1.1	1/4" NPT	25	12	78
Series 50 with 45° Angle																	
DA053B-52-(-)	5,200	2.0	2.7	0.325	8.3	2.0	50	1.9	48	11.2	285	2.4	1.1	1/4" NPT	25	12	78
DA053B-41-(-)	4,100	2.5	3.4	0.325	8.3	2.0	50	1.9	48	11.2	285	2.4	1.1	1/4" NPT	25	12	78
DA053B-27-(-)	2,700	3.8	5.2	0.325	8.3	2.0	50	1.9	48	11.2	285	2.4	1.1	1/4" NPT	25	12	78

• Most popular model. Air Inlet – 1/4" NPTF Recommended Air Pressure – 90 PSI (6.2 bar) Recommended Hose Size – 5/16" (8 mm) I.D.

Ordering Information

Specify the Base Model Number having the desired speed from the specification chart above. Add the appropriate Dash Letter to indicate the desired spindle option from the chart below.

EXAMPLE: DR023B-21-D

Spindle Options

Dash Letter	Spindle Option	Series 20 Models Free Speed					Series 50 Models Free Speed		
		500	1100	2100	3700	7300	2700	4100	5200
C	3/16" (4.8 mm) Collet ¹	•	•	•	•	•	•	•	•
D	10-32 Female Thd	•	•	•	•	•	•	•	•
E²	5/16" – 24 Female Thd	•	•	•	•	•	•	•	•
T	1/4"-28 Female Thd	•	•	•	•	•	•	•	•

• Indicates the model speeds on which a particular spindle option is available.

(1) Collet has a 9/32 – 40 male thread. Other size collets may be substituted for standard. See Collet 43497-(-) below.

(2) Not available DAO Series 20 and 50

Series 43497-(-) One Piece Collets

Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.	Size No.	Dash No.
7	5.1 -7	14	4.6 -14	21	4.0 -21	28	3.5 -28	35	2.7 -35	42	2.3 -42	49	1.85 -49	56	1.18 -56	3/32	2.4 -163
8	5.0 -8	15	4.5 -15	22	3.9 -22	29	3.4 -29	36	2.7 -36	43	2.2 -43	50	1.77 -50	57	1.09 -57	7/64	2.77 -164
9	4.9 -9	16	4.4 -16	23	3.9 -23	30	3.2 -30	37	2.6 -37	44	2.1 -44	51	1.7 -51	58	1.06 -58	1/8	3.1 -165
10	4.9 -10	17	4.3 -17	24	3.8 -24	31	3.0 -31	38	2.5 -38	45	2.0 -45	52	1.6 -52	59	1.0 -59	9/64	3.6 -166
11	4.8 -11	18	4.3 -18	25	3.7 -25	32	2.9 -32	39	2.5 -39	46	2.0 -46	53	1.5 -53	60	1.0 -60	5/32	3.9 -167
12	4.8 -12	19	4.3 -19	26	3.7 -26	33	2.8 -33	40	2.4 -40	47	1.99 -47	54	1.39 -54	1/16	1.58 -161	11/64	4.3 -168
13	4.7 -13	20	4.0 -20	27	3.6 -27	34	2.8 -34	41	2.4 -41	48	1.9 -48	55	1.9 -55	5/64	1.98 -162	3/16	4.76 -169