






# Drill Selection Guide

## PISTOL GRIP

TOOL TYPE	FREE SPEED	TITANIUM	STAINLESS STEEL	HARD CAST IRON, MEDIUM HARD STEEL	SOFT CAST IRON, MILD STEEL	HARD PLASTICS	ALUMINIUM, BRASS, COPPER, BRONZE	COMPOSITE	WOOD, SOFT PLASTICS, CHIPBOARD	
										r/min
Drill Ø (in.)										
<b>C22-P (Ø 1/4" - 6.5mm cap.)</b> 	22600	-	-	-	-	-	5/64"	5/32"	5/64"	
	12400	-	-	-	-	-	1/8"	-	1/8"	
	6800	-	-	-	-	-	5/32"	3/16"	-	
	4600	-	-	-	-	1/8"	1/4"	-	-	
	3300	-	-	-	1/8"	3/16"	-	-	-	
	2000	-	-	1/8"	1/4"	-	-	-	-	
	1000	-	3/16"	1/4"	-	-	-	-	-	
	500	1/8"	-	-	-	-	-	-	-	
<b>D22/23-P (Ø 5/16" - 8mm cap.)</b> 	20000	-	-	-	-	-	-	5/32"	5/64"	
	10500	-	-	-	-	-	5/64"	-	5/32"	
	6000	-	-	-	-	-	5/32"	3/16"	1/4"	
	4600	-	-	-	-	1/8"	1/4"	-	5/16"	
	2900	-	-	-	5/32"	3/16"	5/16"	-	-	
	1800	-	1/8"	5/32"	1/4"	5/16"	-	-	-	
	1100	-	5/32"	1/4"	5/16"	-	-	-	-	
	700	1/8"	9/32"	5/16"	-	-	-	-	-	
400	1/4"	5/16"	-	-	-	-	-	-		
<b>DR750 (Ø 5/16"-1/2" 8-13mm cap.)</b> 	6000	-	-	-	-	-	5/32"	3/16"	1/4"	
	4100	-	-	-	-	1/8"	1/4"	5/16"	3/8"	
	3300	-	-	-	1/8"	5/32"	5/16"	3/8"	1/2"	
	2700	-	-	1/8"	5/32"	3/16"	3/8"	1/2"	19/32"	
	1300	-	5/32"	3/16"	11/32"	7/16"	3/4"	-	13/16"	
	750	1/8"	9/32"	5/16"	19/32"	3/4"	13/16"	-	-	

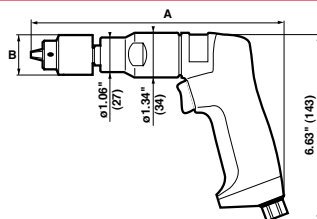
\* above standard chuck capacity

## STRAIGHT CASE

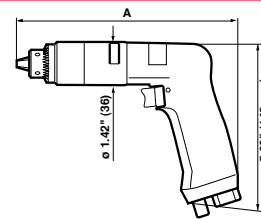
TOOL TYPE	FREE SPEED	TITANIUM	STAINLESS STEEL	HARD CAST IRON, MEDIUM HARD STEEL	SOFT CAST IRON, MILD STEEL	HARD PLASTICS	ALUMINIUM, BRASS, COPPER, BRONZE	COMPOSITE	WOOD, SOFT PLASTICS, CHIPBOARD	
										r/min
Drill Ø (in.)										
<b>C22-L (Ø 1/4" - 6.5mm cap.)</b> 	22600	-	-	-	-	-	5/64"	5/32"	5/64"	
	12400	-	-	-	-	-	1/8"	-	1/8"	
	6800	-	-	-	-	-	5/32"	3/16"	-	
	3300	-	-	-	1/8"	3/16"	-	-	-	
	2000	-	-	1/8"	1/4"	-	-	-	-	
	1000	-	3/16"	1/4"	-	-	-	-	-	
	500	1/8"	-	-	-	-	-	-	-	
	<b>D22/23-L (Ø 5/16" - 8mm cap.)</b> 	20000	-	-	-	-	-	-	5/32"	5/64"
10000		-	-	-	-	-	5/64"	-	5/32"	
5700		-	-	-	-	-	5/32"	3/16"	1/4"	
4400		-	-	-	-	1/8"	1/4"	-	5/16"	
2800		-	-	-	5/32"	3/16"	5/16"	-	-	
1750		-	1/8"	5/32"	1/4"	5/16"	-	-	-	
1050		1/8"	5/32"	1/4"	5/16"	-	-	-	-	
400		1/4"	5/16"	5/16"	-	-	-	-	-	

# Accessories

Model	A		B	
	in.	mm	in.	mm
C220-P-22600	7.16	182	0.66	22
C220-P-12400	7.80	198	0.66	22
C22-P-6800	7.60	193	1.18	30
C22-P-4600	8.23	209	1.18	30
C22-P-3300	7.60	193	1.18	30
C22-P-2000	8.23	209	1.18	30
C22-P-1000	8.23	209	1.18	30
C22-P-500	8.23	209	1.18	30



Model	A	
	in.	mm
D22-P-20000	6.65	169
D22-P-10500	8.27	210
D23-P-6000	6.89	175
D23-P-4600	6.89	175
D23-P-2900	7.89	175
D23-P-1800	7.76	197
D23-P-1100	7.76	197
D23-P-700	6.89	175
D23-P-400	6.89	175



## C220-P-.. / C22-P-.. / D22-P-.. / D23-P-..

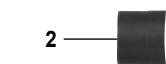
### ACCESSORIES INCLUDED

ITEM	PART NUMBER			
	C220	C22	D22	D23
1 Chuck threaded $\frac{5}{16}$ UNF capacity $\frac{5}{32}$ " - 4mm (with key)	103082			
• Chuck key	29932			
1 Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{1}{4}$ " - 6.5mm (with key)		28942		
• Chuck key		29182		
1 Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{5}{16}$ " - 8mm (without key)				410203
• Chuck key				410213
1 Chuck (Jacobs No. 1 taper) capacity $\frac{1}{4}$ " - 6.5mm (with key)			29492	
• Chuck key			29182	
2 Chuck Guard		252993	252993	

### OPTIONAL ACCESSORIES

ITEM	C220	C22	D22	D23
3 Keyless Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{5}{16}$ " - 8mm		473433		473433
4 Chuck Guard	393793	393793		
5 Dust extraction kit	53242*	53242*	53242	53242
6 Side Handle	359623	359623	70442	70442
7 Offset Exhaust			77722	77722
8 Suspension Shackle (for horizontal tool suspension)	95842	95842	70082	70082
9 Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{3}{8}$ " - 10mm				29042
• Chuck key				29232

\* Note: C220 & C22 require chuck guard 393793 to be fitted



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# Pistol Grip Drills

0.3 - 0.38 Hp (0.2 - 0.28 kW) - 400 to 22600 r/min



A



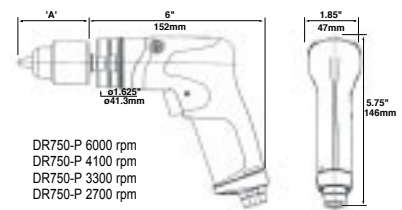
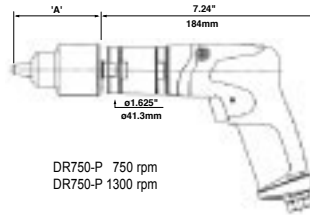
B

Air inlet: 1/4" BSP/NPT. Vibration level: <math><2.5\text{ m/s}^2</math>.

PICTURE REF	MODEL	PART NUMBER	FREE SPEED		CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		MIN HOSE BORE		SOUND LEVEL
			r/min		in.	mm	Hp	kW	In lb	Nm	lb	kg	cfm	l/s	in.	mm	
<b>TRIGGER START – C SERIES</b>																	
A	C220-P-22600	1443014	22600		5/32	4.0	0.30	0.20	2.7	0.3	1.52	0.69	16	7.8	1/4	6	75
A	C220-P-12400	1443024	12400		5/32	4.0	0.30	0.20	5.3	0.6	1.70	0.77	16	7.8	1/4	6	75
A	C22-P-6800	1443034	6800		1/4	6.5	0.30	0.20	9.7	1.1	1.67	0.76	16	7.8	1/4	6	75
A	C22-P-4600	1464844	4600		1/4	6.5	0.30	0.20	15.0	1.7	1.85	0.84	16	7.8	1/4	6	75
A	C22-P-3300	1443044	3300		1/4	6.5	0.30	0.20	19.5	2.2	1.67	0.76	16	7.8	1/4	6	75
A	C22-P-2000	1443064	2000		1/4	6.5	0.30	0.20	31.0	3.5	1.85	0.84	16	7.8	1/4	6	75
A	C22-P-1000	1443074	1000		1/4	6.5	0.30	0.20	62.8	7.1	1.85	0.84	16	7.8	1/4	6	75
A	C22-P-500	1443084	500		1/4	6.5	0.30	0.20	129.2	14.6	1.85	0.84	16	7.8	1/4	6	75
<b>TRIGGER START – D SERIES</b>																	
B	D22-P-20000	1289974	20000		1/4	6.5	0.38	0.28	8.9	1.0	1.76	0.80	18	8.5	3/8	10	78
B	D22-P-10500	1289894	10500		1/4	6.5	0.38	0.28	8.9	1.0	1.98	0.90	18	8.5	3/8	10	78
B	D23-P-6000	1364374	6000		5/16	8.0	0.38	0.28	17.7	2.0	1.98	0.90	18	8.5	3/8	10	78
B	D23-P-4600	1364454	4600		5/16	8.0	0.38	0.28	17.7	2.0	1.98	0.90	18	8.5	3/8	10	78
B	D23-P-2900	1364534	2900		5/16	8.0	0.38	0.28	26.6	3.0	1.98	0.90	18	8.5	3/8	10	78
B	D23-P-1800	1364794	1800		5/16	8.0	0.38	0.28	44.3	5.0	2.42	1.10	18	8.5	3/8	10	78
B	D23-P-1100	1364874	1100		5/16	8.0	0.38	0.28	79.7	9.0	2.42	1.10	18	8.5	3/8	10	78
B	D23-P-700	1364954	700		5/16	8.0	0.38	0.28	132.8	15.0	2.42	1.10	18	8.5	3/8	10	78
B	D23-P-400	1365004	400		5/16	8.0	0.38	0.28	212.0	24.0	2.42	1.10	18	8.5	3/8	10	78

# Accessories

Chuck Designation	A	
	in.	mm
C13	2.40	61
C10	2.05	52
C8	1.69	43
K10	2.79	71
K8	2.36	60



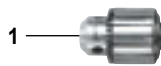
## DR750-P...C. / DR750-P...K.

### ACCESSORIES INCLUDED

ITEM	PART NUMBER				
	DR750...C8	DR750...C10	DR750...C13	DR750...K8	DR750...K10
1	Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{5}{16}$ " - 8mm (without key)				
	• Chuck key				
1	Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{3}{8}$ " - 10mm (with key)				
	• Chuck key				
1	Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{1}{2}$ " - 13mm (with key)				
	• Chuck key				
2	Keyless Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{5}{16}$ " - 8mm				
	• Keyless Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{3}{8}$ " - 10mm				
3	473143	473133			
4	473173	473173	473173	473173	473173
	• Suspension Bail				
	473153	473153	473153	473153	473153

### OPTIONAL ACCESSORIES

ITEM	PART NO.
5	Dust extraction kit
	475033



# Pistol Grip Drills

## High Power Drill

1 Hp (0.75 kW) - 750 to 6000 r/min



A



D



B



E



C



C

(Shown with side handle fitted)

Air Inlet: 1/4" BSP/NPT. Vibration level: &lt;math&gt;&lt;2.5 \text{ m/s}^2&lt;/math&gt;

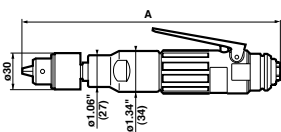
PICTURE REF	MODEL	PART NUMBER	FREE SPEED	CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		MIN HOSE BORE		SOUND LEVEL
			r/min	in.	mm	Hp	kW	in lb	Nm	lb	kg	cfm	l/s	in.	mm	dB(A)
A	DR750-P6000-C8	1465124	6000	5/16	8	1.00	0.75	46	5.3	2.42	1.1	30	14	3/8	10	81
A	DR750-P4100-C8	1465114	4100	5/16	8	1.00	0.75	63	7.1	2.42	1.1	30	14	3/8	10	81
B	DR750-P3300-C10	1465104	3300	3/8	10	1.00	0.75	85	9.6	2.42	1.1	30	14	3/8	10	81
B	DR750-P2700-C10	1465094	2700	3/8	10	1.00	0.75	99	11.1	2.42	1.1	30	14	3/8	10	81
C	DR750-P1300-C10	1465084	1300	3/8	10	1.00	0.75	211	23.9	3.52	1.6	30	14	3/8	10	81
C	DR750-P750-C13	1465074	750	1/2	13	1.00	0.75	362	41.0	3.52	1.6	30	14	3/8	10	81

### TRIGGER START - KEYLESS CHUCK MODELS

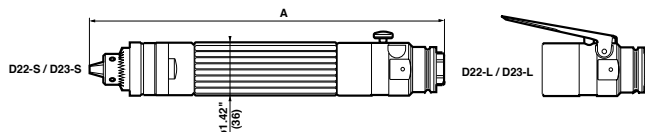
D	DR750-P6000-K8	1465164	6000	5/16	8	1.00	0.75	46	5.3	2.42	1.1	30	14	3/8	10	81
D	DR750-P4100-K8	1465154	4100	5/16	8	1.00	0.75	63	7.1	2.42	1.1	30	14	3/8	10	81
E	DR750-P3300-K10	1465144	3300	3/8	10	1.00	0.75	85	9.6	2.42	1.1	30	14	3/8	10	81
E	DR750-P2700-K10	1465134	2700	3/8	10	1.00	0.75	99	11.1	2.42	1.1	30	14	3/8	10	81

# Accessories

Model	A	
	in.	mm
C220-L-22600	7.68	195
C220-L-12400	8.31	211
C22-L-6800	8.11	206
C22-L-3300	8.11	206
C22-L-2000	8.74	222
C22-L-1000	8.74	222
C22-L-500	8.74	222



Model	A	
	in.	mm
D22-L/S-20000	8.34	212
D22-L/S-10000	9.96	253
D23-L-5700	8.58	218
D23-L/S-4400	8.58	218
D23-L/S-2800	8.58	218
D23-L/S-1750	9.45	240
D23-L/S-1050	9.45	240
D23-L/S-400	9.45	240



## C220-L-.. / C22-L-.. / D22-L-.. / D23-L-.. / D22-S-.. / D23-S-..

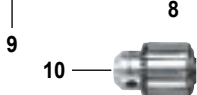
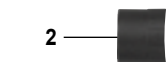
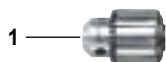
### ACCESSORIES INCLUDED

ITEM	PART NUMBER			
	C220	C22	D22	D23
1 Chuck threaded $\frac{5}{16}$ UNF capacity $\frac{5}{32}$ " - 4mm (with key)	103082			
• Chuck key	29932			
1 Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{1}{4}$ " - 6.5mm (with key)		28942		
• Chuck key		29182		
1 Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{5}{16}$ " - 8mm (without key)				410203
• Chuck key				410213
1 Chuck (Jacobs No. 1 taper) capacity $\frac{1}{4}$ " - 6.5mm (with key)			29492	
• Chuck key			29182	
2 Chuck Guard			252993	252993
• Clamp Ring – exhaust hose	235203	235203	235203	235203

### OPTIONAL ACCESSORIES

ITEM	C220	C22	D22	D23
3 Keyless Chuck threaded $\frac{3}{8}$ " x 24 UNF capacity $\frac{5}{16}$ " - 8mm		473433		473433
4 Chuck Guard	393793	393793		
5 Dust extraction kit	53242*	53242*	53242	53242
6 Side Handle	359623	359623	70442	70442
7 Suspension Bail (for vertical tool suspension)	39433	39433	39433	39433
8 Suspension Shackle (for horizontal tool suspension)			70082	70082
9 Offset Exhaust			77722	77722
10 Chuck threaded $\frac{3}{8}$ UNF capacity $\frac{3}{8}$ " - 10mm				29042
• Chuck key				29232

\* Note: C220 & C22 require chuck guard 393793 to be fitted





# Straight Grip Drills

0.3 - 0.38 Hp (0.2 - 0.28 kW) - 400 to 22600 r/min



A



B



C

Air inlet: 1/4" BSP/NPT. Vibration level: <math><2.5\text{ m/s}^2</math>.

PICTURE REF	MODEL	PART NUMBER	FREE SPEED	CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		MIN HOSE BORE		SOUND LEVEL
				r/min	in.	mm	Hp	kW	in lb	Nm	lb	kg	cfm	l/s	in.	
<b>LEVER START – C SERIES</b>																
A	C220-L-22600	1443094	22600	5/32	4.0	0.30	0.20	2.7	0.3	1.21	0.55	16	7.8	1/4	6	76
A	C220-L-12400	1443104	12400	5/32	4.0	0.30	0.20	5.3	0.6	1.39	0.63	16	7.8	1/4	6	76
A	C22-L-6800	1443114	6800	1/4	6.5	0.30	0.20	9.7	1.1	1.37	0.62	16	7.8	1/4	6	76
A	C22-L-3300	1443134	3300	1/4	6.5	0.30	0.20	19.5	2.2	1.37	0.62	16	7.8	1/4	6	76
A	C22-L-2000	1443144	2000	1/4	6.5	0.30	0.20	31.0	3.5	1.54	0.70	16	7.8	1/4	6	76
A	C22-L-1000	1443154	1000	1/4	6.5	0.30	0.20	62.8	7.1	1.54	0.70	16	7.8	1/4	6	76
A	C22-L-500	1443164	500	1/4	6.5	0.30	0.20	129.2	14.6	1.54	0.70	16	7.8	1/4	6	76
<b>LEVER START – D SERIES</b>																
B	D22-L-20000	1253134	20000	1/4	6.5	0.38	0.28	8.9	1.0	1.48	0.67	20	9.4	3/8	10	77
B	D22-L-10000	1253394	10000	1/4	6.5	0.38	0.28	8.9	1.0	1.65	0.75	20	9.4	3/8	10	77
B	D23-L-5700	1362914	5700	5/16	8.0	0.38	0.28	17.7	2.0	1.54	0.70	20	9.4	3/8	10	77
B	D23-L-4400	1363144	4400	5/16	8.0	0.38	0.28	17.7	2.0	1.54	0.70	20	9.4	3/8	10	77
B	D23-L-2800	1363304	2800	5/16	8.0	0.38	0.28	26.6	3.0	1.85	0.84	20	9.4	3/8	10	77
B	D23-L-1750	1363564	1750	5/16	8.0	0.38	0.28	53.1	6.0	1.85	0.84	20	9.4	3/8	10	77
B	D23-L-1050	1363724	1050	5/16	8.0	0.38	0.28	88.5	10.0	1.85	0.84	20	9.4	3/8	10	77
B	D23-L-400	1363984	400	5/16	8.0	0.38	0.28	221.3	25.0	1.85	0.84	20	9.4	3/8	10	77
<b>BUTTON START – D SERIES</b>																
C	D22-S-20000	1253054	20000	1/4	6.5	0.38	0.28	8.9	1.0	1.48	0.67	20	9.4	3/8	10	77
C	D22-S-10000	1253214	10000	1/4	6.5	0.38	0.28	8.9	1.0	1.65	0.75	20	9.4	3/8	10	77
C	D23-S-4400	1363064	4400	5/16	8.0	0.38	0.28	17.7	2.0	1.54	0.70	20	9.4	3/8	10	77
C	D23-S-2800	1363224	2800	5/16	8.0	0.38	0.28	26.6	3.0	1.54	0.70	20	9.4	3/8	10	77
C	D23-S-1750	1363484	1750	5/16	8.0	0.38	0.28	53.1	6.0	1.85	0.84	20	9.4	3/8	10	77
C	D23-S-1050	1363644	1050	5/16"	8.0	0.38	0.28	88.5	10.0	1.85	0.84	20	9.4	3/8	10	77
C	D23-S-400	1363804	400	5/16	8.0	0.38	0.28	221.3	25.0	1.85	0.84	20	9.4	3/8	10	77