



# Drills, Tappers, Rack Feed Drills

## Pistol Grip, Straight Grip, Angle Drills - Multi Drills

**High power - Durable - long life - High precision - Ergonomic**  
Typical construction (illustration shows DR750)



### Pistol Grips Drills

Ideal for all general industrial drilling tasks. Best ergonomic shape, single and double handed use

### Straight Drills

Mainly smaller diameter drilling. Suitable for production line repetitive operations

### Angle Drills

Ideal for restricted access applications



# Right Drill Selection

## High power - Durable: long life - High precision - Ergonomic



### Choosing the right Drill

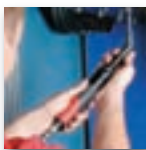
#### Pistol Grip Drills

- Ideal for all general industrial drilling tasks
- Drilling capacity up to 13mm (1/2") Ø steel
- Best ergonomic shape - single and double handed use
- Use of side handle recommended for larger drills with high torque reaction



#### Straight Drills

- Mainly smaller diameter drilling less than 10mm (3/8") Ø Steel
- Favoured for vertical drilling
- Suitable for production line repetitive operations



#### Angle Drills

- Most commonly used in aerospace
- Ideal for restricted access applications
- Drill capacity up to 8mm (5/16") Ø steel

### Choosing the right Chuck

#### Key Adjustable Chuck

- Ideal for all general industrial drilling tasks
- High precision keyed chucks

#### Keyless Chucks

- Quick change (hand operated) chuck

#### Collet Chuck / Spindle

- Generally high speed drilling
- High precision
- Most commonly used in aerospace

#### Screw Shank

- Female threaded output
- Use with threaded shank drills
- Most commonly used in aerospace

### How to select your tool:

- 1 Select material 2 Select hole size 3 Define speed

TOOL TYPE	FREE SPEED	TITANIUM	STAINLESS STEEL	HARD CAST IRON, MEDIUM HARD STEEL	SOFT CAST IRON, MILD STEEL	HARD PLASTICS	ALUMINIUM, BRASS, COPPER, BRONZE 1	COMPOSITE	WOOD, SOFT PLASTICS, CHIPBOARD
	rpm		9-15m/min	10-20m/min	20-35m/min	30-40m/min	50-80m/min	50-100m/min	80-120m/min
Drill Ø mm (in.)									

### PISTOL GRIP

DR350 ø8-10mm (5/16" - 3/8") cap.	20000							4.0 (5/32")	2.0 (5/64")
	5500						4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
	4500					3.0 (1/8")	6.0 (1/4")	8.0 (5/16")	
	3000 3				4.0 (5/32")	5.0 (3/16")	8.0 (5/16") 2		
	2000		3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")		
	1000		4.0 (5/32")	6.0 (1/4")	8.0 (5/16")				
	550	6.0 (1/4")	8.0 (5/16")						

DR500 ø8-13mm (5/16" - 1/2") cap.	18500							4.0 (5/32")	2.0 (5/64")
	5800						4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
	4300					3.0 (1/8")	6.0 (1/4")	10.0 (13/32")	12.0 (1/2")
	2700			3.0 (1/8")	4.0 (5/32")	5.0 (3/16")	8.0 (5/16")		
	1800		3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")		
	1400		4.0 (5/32")	5.0 (3/16")	9.0 (11/32")	11.0 (7/16")			
	1000		5.0 (3/16")	6.0 (1/4")	10.0 (13/32")				
	600	3.0 (1/8")	7.0 (9/32")	8.0 (5/16")	12.0 (1/3")				
	400	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")					

DR750 ø8-13mm (5/16" - 1/2") cap.	20000						2.0 (5/64")	2.0 (5/64")	
	6000						4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
	4100					3.0 (1/8")	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")
	3300				3.0 (1/8")	4.0 (5/32")	8.0 (5/16")	10.0 (13/32")	12.0* (19/32")
	2700			3.0 (1/8")	4.0 (5/32")	5.0 (3/16")	10.0 (13/32")	13.0* (1/2")	15.0* (19/32")
	1300		4.0 (5/32")	5.0 (3/16")	9.0 (11/32")	11.0* (7/16")	19.0* (3/4")		30.0* (13/16")
	750	3.0 (1/8")	7.0 (9/32")	8.0 (5/16")	15.0* (19/32")	19.0* (3/4")	30.0* (13/16")		
	400	6.0 (1/4")	8.0 (5/16")	10.0 (13/32")					

### STRAIGHT CASE

DR300-T... ø8-10mm (5/16" - 3/8") cap.	20000							4.0 (5/32")	2.0 (5/64")
	5500						4.0 (5/32")	5.0 (3/16")	6.0 (1/4")
	4500					3.0 (1/8")	6.0 (1/4")	8.0 (5/16")	
	3000				4.0 (5/32")	5.0 (3/16")	8.0 (5/16")		
	2000		3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")			
	1000	3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	8.0 (5/16")				
	550	6.0 (1/4")	8.0 (5/16")						

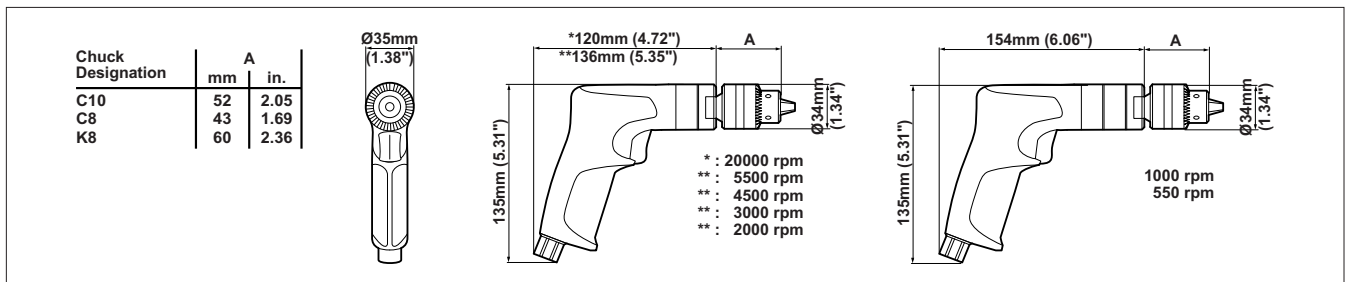
\* above standard chuck capacity

# Pistol Grip Drills

0.35 kW (0.5 hp) - 550 to 20000 rpm



Accessories: see page 266-268



PIC REF	MODEL	PART NUMBER	FREE SPEED	CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		AIR INLET		HOSE INT. Ø	
				rpm	mm	in.	kW	hp	Nm	ln lb	kg	lb	l/s	cfm	in.	mm	in.
<b>TRIGGER START – KEY CHUCK MODELS</b>																	
A	DR350-P20000-C8	205 147 252 4	20000	8	5/16	0.35	0.5	0.6	5.3	0.62	1.36	9.5	20	1/4	6	1/4	
A	DR350-P5500-C8	205 147 250 4	5500	8	5/16	0.35	0.5	2.3	20.4	0.62	1.36	9.5	20	1/4	6	1/4	
A	DR350-P4500-C8	205 147 382 4	4500	8	5/16	0.35	0.5	2.7	23.9	0.62	1.36	9.5	20	1/4	6	1/4	
A	DR350-P3000-C8	205 147 248 4	3000	8	5/16	0.35	0.5	4.0	35.4	0.62	1.36	9.5	20	1/4	6	1/4	
A	DR350-P2000-C8	205 147 246 4	2000	8	5/16	0.35	0.5	5.4	47.8	0.62	1.36	9.5	20	1/4	6	1/4	
B	DR350-P1000-C10	205 147 244 4	1000	10	3/8	0.35	0.5	12.7	112.4	0.79	1.74	9.5	20	1/4	6	1/4	
B	DR350-P550-C10	205 147 242 4	550	10	3/8	0.35	0.5	18.6	164.6	0.79	1.74	9.5	20	1/4	6	1/4	
<b>TRIGGER START – KEYLESS CHUCK MODELS</b>																	
C	DR350-P5500-K8	205 147 251 4	5500	8	5/16	0.35	0.5	2.3	20.4	0.64	1.41	9.5	20	1/4	6	1/4	
C	DR350-P4500-K8	205 147 383 4	4500	8	5/16	0.35	0.5	2.7	23.9	0.64	1.41	9.5	20	1/4	6	1/4	
C	DR350-P3000-K8	205 147 249 4	3000	8	5/16	0.35	0.5	4.0	35.4	0.64	1.41	9.5	20	1/4	6	1/4	
C	DR350-P2000-K8	205 147 247 4	2000	8	5/16	0.35	0.5	5.4	47.8	0.64	1.41	9.5	20	1/4	6	1/4	
D	DR350-P1000-K8	205 147 245 4	1000	8	5/16	0.35	0.5	12.7	112.4	0.72	1.59	9.5	20	1/4	6	1/4	
D	DR350-P550-K8	205 147 243 4	550	8	5/16	0.35	0.5	18.6	164.6	0.72	1.59	9.5	20	1/4	6	1/4	
<b>TRIGGER START – WITHOUT CHUCK MODELS</b>																	
E	DR350-P20000*	205 147 359 4	20000			0.35	0.5	0.6	5.3	0.49	1.1	9.5	20	1/4	6	1/4	
E	DR350-P5500*	205 147 358 4	5500			0.35	0.5	2.3	20.4	0.49	1.1	9.5	20	1/4	6	1/4	
E	DR350-P4500*	205 147 384 4	4500			0.35	0.5	2.7	23.9	0.49	1.1	9.5	20	1/4	6	1/4	
E	DR350-P3000*	205 147 357 4	3000			0.35	0.5	4.0	35.4	0.49	1.1	9.5	20	1/4	6	1/4	
E	DR350-P2000*	205 147 356 4	2000			0.35	0.5	5.4	47.8	0.49	1.1	9.5	20	1/4	6	1/4	
F	DR350-P1000*	205 147 355 4	1000			0.35	0.5	12.7	112.4	0.57	1.3	9.5	20	1/4	6	1/4	
F	DR350-P550*	205 147 354 4	550			0.35	0.5	18.6	164.6	0.57	1.3	9.5	20	1/4	6	1/4	

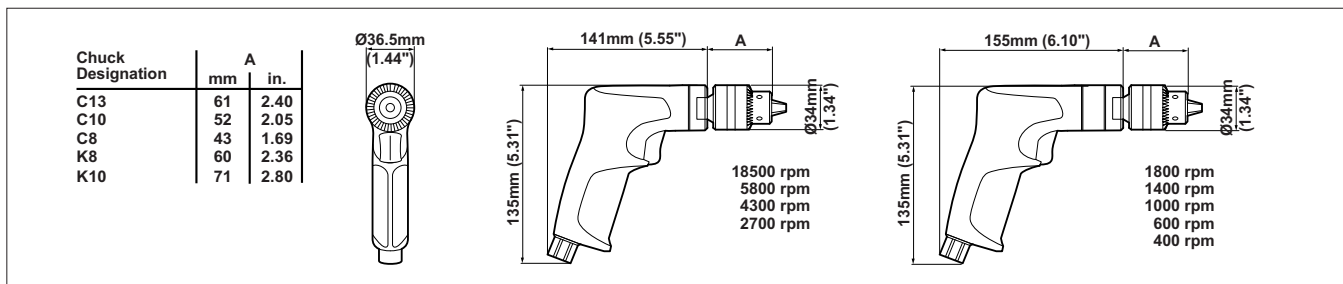
\* Chuck spindle 3/8" x 24 UNF

# Pistol Grip Drills

0.5 kW (0.68 hp) - 400 to 18500 rpm



Accessories: see page 266-268



PIC REF	MODEL	PART NUMBER	FREE SPEED	CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		AIR INLET	HOSE INT. Ø	
				rpm	mm	in.	kW	hp	Nm	In lb	kg	lb	l/s	cfm	in.	mm
<b>TRIGGER START – KEY CHUCK MODELS</b>																
A	DR500-P18500-C8	205 147 676 4	18500	8	5/16	0.5	0.68	1.0	8.85	0.67	1.5	14	30	1/4	10	3/8
A	DR500-P5800-C8	205 147 673 4	5800	8	5/16	0.5	0.68	3.1	27.44	0.67	1.5	14	30	1/4	10	3/8
A	DR500-P4300-C8	205 147 670 4	4300	8	5/16	0.5	0.68	4.2	37.17	0.67	1.5	14	30	1/4	10	3/8
A	DR500-P2700-C8	205 147 667 4	2700	8	5/16	0.5	0.68	6.9	61.07	0.67	1.5	14	30	1/4	10	3/8
B	DR500-P1800-C10	205 147 664 4	1800	10	3/8	0.5	0.68	9.9	87.62	0.84	1.8	14	30	1/4	10	3/8
B	DR500-P1400-C10	205 147 661 4	1400	10	3/8	0.5	0.68	13.4	118.59	0.84	1.8	14	30	1/4	10	3/8
B	DR500-P1000-C10	205 147 658 4	1000	10	3/8	0.5	0.68	18.0	159.30	0.84	1.8	14	30	1/4	10	3/8
B	DR500-P600-C13	205 147 655 4	600	13	1/2	0.5	0.68	28.7	254.00	0.96	2.1	14	30	1/4	10	3/8
B	DR500-P400-C13	205 147 652 4	400	13	1/2	0.5	0.68	46.0	407.10	0.96	2.1	14	30	1/4	10	3/8
<b>TRIGGER START – KEYLESS CHUCK MODELS</b>																
C	DR500-P5800-K8	205 147 674 4	5800	8	5/16	0.5	0.68	3.1	27.44	0.85	1.9	14	30	1/4	10	3/8
C	DR500-P4300-K8	205 147 671 4	4300	8	5/16	0.5	0.68	4.2	37.17	0.85	1.9	14	30	1/4	10	3/8
C	DR500-P2700-K8	205 147 668 4	2700	8	5/16	0.5	0.68	6.9	61.07	0.85	1.9	14	30	1/4	10	3/8
D	DR500-P1800-K10	205 147 665 4	1800	10	3/8	0.5	0.68	9.9	87.62	1.00	2.2	14	30	1/4	10	3/8
D	DR500-P1400-K10	205 147 662 4	1400	10	3/8	0.5	0.68	13.4	118.59	1.00	2.2	14	30	1/4	10	3/8
D	DR500-P1000-K10	205 147 659 4	1000	10	3/8	0.5	0.68	18.0	159.30	1.00	2.2	14	30	1/4	10	3/8
D	DR500-P600-K10	205 147 656 4	600	10	3/8	0.5	0.68	28.7	254.00	1.00	2.2	14	30	1/4	10	3/8
D	DR500-P400-K10	205 147 653 4	400	10	3/8	0.5	0.68	46.0	407.10	1.00	2.2	14	30	1/4	10	3/8
<b>TRIGGER START – WITHOUT CHUCK MODELS</b>																
E	DR500-P18500*	205 147 678 4	18500			0.5	0.68	1.0	8.85	0.56	1.2	14	30	1/4	10	3/8
E	DR500-P5800*	205 147 675 4	5800			0.5	0.68	3.1	27.44	0.56	1.2	14	30	1/4	10	3/8
E	DR500-P4300*	205 147 672 4	4300			0.5	0.68	4.2	37.17	0.56	1.2	14	30	1/4	10	3/8
E	DR500-P2700*	205 147 669 4	2700			0.5	0.68	6.9	61.07	0.56	1.2	14	30	1/4	10	3/8
F	DR500-P1800*	205 147 666 4	1800			0.5	0.68	9.9	87.62	0.64	1.4	14	30	1/4	10	3/8
F	DR500-P1400*	205 147 663 4	1400			0.5	0.68	13.4	118.59	0.64	1.4	14	30	1/4	10	3/8
F	DR500-P1000*	205 147 660 4	1000			0.5	0.68	18.0	159.30	0.64	1.4	14	30	1/4	10	3/8
F	DR500-P600*	205 147 657 4	600			0.5	0.68	28.7	254.00	0.64	1.4	14	30	1/4	10	3/8
F	DR500-P400*	205 147 654 4	400			0.5	0.68	46.0	407.10	0.64	1.4	14	30	1/4	10	3/8

\* Chuck spindle 3/8" x 24 UNF

# Pistol Grip Drills

**High Power Drill**  
0.75 kW (1 hp) - 400 to 20000 rpm



Accessories: see page 266-268



Chuck Designation	mm	A in.
C13	61	2.40
C10	52	2.05
C8	43	1.69
K10	71	2.80
K8	60	2.36

Model	Chuck Designation
DR750-P20000	JT1
DR750-P6000	JT1
DR750-P4100	JT1
DR750-P3300	JT1
DR750-P2700	JT1
DR750-P13000	JT1
DR750-P750	JT1
DR750-P400	JT1

PIC REF	MODEL	PART NUMBER	FREE SPEED	CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		AIR INLET		HOSE INT. Ø	
				mm	in.	kW	hp	Nm	in lb	kg	lb	l/s	cfm	in.	mm	in.	

## TRIGGER START - KEY CHUCK MODELS

A	DR750-P20000-C8	205 146 659 4	20000	8	5/16	0.75	1.00	1.6	14.2	1.1	2.4	14	30	1/4	10	3/8
A	DR750-P6000-C8	1465124	6000	8	5/16	0.75	1.00	5.3	46.9	1.1	2.4	14	30	1/4	10	3/8
A	DR750-P4100-C8	1465114	4100	8	5/16	0.75	1.00	7.1	62.8	1.1	2.4	14	30	1/4	10	3/8
A	DR750-P3300-C10	1465104	3300	10	3/8	0.75	1.00	9.6	85.0	1.1	2.4	14	30	1/4	10	3/8
A	DR750-P2700-C10	1465094	2700	10	3/8	0.75	1.00	11.1	98.2	1.1	2.4	14	30	1/4	10	3/8
B	DR750-P1300-C10	1465084	1300	10	3/8	0.75	1.00	23.9	211.5	1.6	3.5	14	30	1/4	10	3/8
B	DR750-P750-C13	1465074	750	13	1/2	0.75	1.00	41.0	362.9	1.6	3.5	14	30	1/4	10	3/8
B	DR750-P400-C13	205 146 658 4	400	13	1/2	0.75	1.00	55.0	486.8	1.6	3.5	14	30	1/4	10	3/8

## TRIGGER START - JACOBS TAPER 1 SPINDLE - WITHOUT CHUCK

C	DR750-P20000-JT1	205 146 667 4	20000			0.75	1.00	1.6	14.2	0.9	2.0	14	30	1/4	10	3/8
C	DR750-P6000-JT1	205 146 666 4	6000			0.75	1.00	5.3	46.9	0.9	2.0	14	30	1/4	10	3/8
C	DR750-P4100-JT1	205 146 665 4	4100			0.75	1.00	7.1	62.8	0.9	2.0	14	30	1/4	10	3/8
C	DR750-P3300-JT1	205 146 664 4	3300			0.75	1.00	9.6	85.0	0.9	2.0	14	30	1/4	10	3/8
C	DR750-P2700-JT1	205 146 663 4	2700			0.75	1.00	11.1	98.2	0.9	2.0	14	30	1/4	10	3/8
D	DR750-P1300-JT1	205 146 662 4	1300			0.75	1.00	23.9	211.5	1.15	2.5	14	30	1/4	10	3/8
D	DR750-P750-JT1	205 146 661 4	750			0.75	1.00	41.0	362.9	1.15	2.5	14	30	1/4	10	3/8
D	DR750-P400-JT1	205 146 660 4	400			0.75	1.00	55.0	486.8	1.15	2.5	14	30	1/4	10	3/8

## TRIGGER START - KEYLESS CHUCK MODELS

E	DR750-P6000-K8	1465164	6000	8	5/16	0.75	1.00	5.3	46.9	1.1	2.4	14	30	1/4	10	3/8
E	DR750-P4100-K8	1465154	4100	8	5/16	0.75	1.00	7.1	62.8	1.1	2.4	14	30	1/4	10	3/8
E	DR750-P3300-K10	1465144	3300	10	3/8	0.75	1.00	9.6	85.0	1.1	2.4	14	30	1/4	10	3/8
E	DR750-P2700-K10	1465134	2700	10	3/8	0.75	1.00	11.1	98.2	1.1	2.4	14	30	1/4	10	3/8

## TRIGGER START - WITHOUT CHUCK

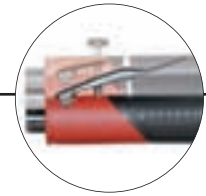
F	DR750-P20000*	205 147 458 4	20000			0.75	1.00	1.6	14.2	0.9	2.0	14	30	1/4	10	3/8
F	DR750-P6000*	205 147 417 4	6000			0.75	1.00	5.3	46.9	0.9	2.0	14	30	1/4	10	3/8
F	DR750-P4100*	205 147 456 4	4100			0.75	1.00	7.1	62.8	0.9	2.0	14	30	1/4	10	3/8
F	DR750-P3300*	205 147 455 4	3300			0.75	1.00	9.6	85.0	0.9	2.0	14	30	1/4	10	3/8
F	DR750-P2700*	205 147 416 4	2700			0.75	1.00	11.1	98.2	0.9	2.0	14	30	1/4	10	3/8
G	DR750-P1300*	205 147 415 4	1300			0.75	1.00	23.9	211.5	1.15	2.5	14	30	1/4	10	3/8
G	DR750-P750**	205 147 452 4	750			0.75	1.00	41.0	362.9	1.15	2.5	14	30	1/4	10	3/8
G	DR750-P400**	205 147 451 4	400			0.75	1.00	55.0	486.8	1.15	2.5	14	30	1/4	10	3/8

\* Chuck spindle 3/8" x 24 UNF

\*\* Chuck spindle 1/2" x 20 UNF

# Straight Grip Drills

0.3 kW (0.4 hp) - 550 to 20000 rpm



Interchangeable lever included



A



B



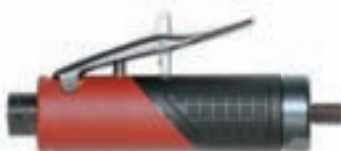
C



D

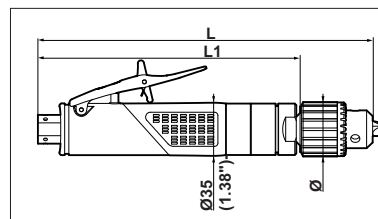


E



F

Accessories: see page 266-268



Model	L		L1		Ø	
	mm	in.	mm	in.	mm	in.
DR300-T20000-C8	197	7.76	145	5.71	30	1.18
DR300-T5500-C8	214	8.43	159	6.26	30	1.18
DR300-T4500-C8	214	8.43	159	6.26	30	1.18
DR300-T3000-C8	214	8.43	159	6.26	30	1.18
DR300-T2000-C8	214	8.43	159	6.26	30	1.18
DR300-T1000-C10	231	9.09	176	6.93	36	1.42
DR300-T550-C10	231	9.09	176	6.93	36	1.42

PIC REF	MODEL	PART NUMBER	FREE SPEED	CHUCK SIZE		MOTOR POWER		STALL TORQUE		WEIGHT		AIR FLOW		AIR INLET	HOSE INT. Ø	
				rpm	mm	in.	kW	hp	Nm	in lb	kg	lb	l/s	cfm	in.	mm

## KEY CHUCK MODELS

A	DR300-T20000-C8	205 147 496 4	20000	8	5/16	0.3	0.4	0.6	5.3	0.47	1.03	9.5	20	1/4	6	1/4
B	DR300-T5500-C8	205 147 493 4	5500	8	5/16	0.3	0.4	2.3	20.4	0.6	1.32	9.5	20	1/4	6	1/4
B	DR300-T4500-C8	205 147 490 4	4500	8	5/16	0.3	0.4	2.7	23.9	0.6	1.32	9.5	20	1/4	6	1/4
B	DR300-T3000-C8	205 147 487 4	3000	8	5/16	0.3	0.4	4.0	35.4	0.6	1.32	9.5	20	1/4	6	1/4
B	DR300-T2000-C8	205 147 484 4	2000	8	5/16	0.3	0.4	5.4	47.8	0.6	1.32	9.5	20	1/4	6	1/4
C	DR300-T1000-C10	205 147 481 4	1000	10	3/8	0.3	0.4	12.7	112.4	0.75	1.65	9.5	20	1/4	6	1/4
C	DR300-T550-C10	205 147 478 4	550	10	3/8	0.3	0.4	18.6	164.6	0.75	1.65	9.5	20	1/4	6	1/4

## WITHOUT CHUCK MODELS

F	DR300-T20000*	205 147 495 4	20000			0.3	0.4	0.6	5.3	0.34	0.75	9.5	20	1/4	6	1/4
D	DR300-T5500*	205 147 492 4	5500			0.3	0.4	2.3	20.4	0.47	1.04	9.5	20	1/4	6	1/4
D	DR300-T4500*	205 147 489 4	4500			0.3	0.4	2.7	23.9	0.47	1.04	9.5	20	1/4	6	1/4
D	DR300-T3000*	205 147 486 4	3000			0.3	0.4	4.0	35.4	0.47	1.04	9.5	20	1/4	6	1/4
D	DR300-T2000*	205 147 483 4	2000			0.3	0.4	5.4	47.8	0.47	1.04	9.5	20	1/4	6	1/4
E	DR300-T1000*	205 147 480 4	1000			0.3	0.4	12.7	112.4	0.52	1.15	9.5	20	1/4	6	1/4
E	DR300-T550*	205 147 477 4	550			0.3	0.4	18.6	164.6	0.52	1.15	9.5	20	1/4	6	1/4

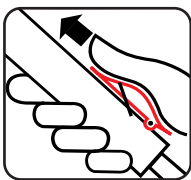
\* Chuck spindle 3/8" x 24 UNF

# Angle Drill Selection



DR300-T5/S5

DR300-T6/S6



Ergonomics

**Spindle and lock ring**  
By locking the spindle the drill bit can be replaced using a single tool.

## How to select your tool:

- 1 Select material 2 Select hole size 3 Define speed

## DRILL SELECTION GUIDE – ANGLE DRILL

TOOL TYPE	FREE SPEED	TITANIUM	STAINLESS STEEL	HARD CAST IRON, MEDIUM HARD STEEL	SOFT CAST IRON, MILD STEEL 1	HARD PLASTICS	ALUMINIUM, BRASS, COPPER, BRONZE	COMPOSITE	WOOD, SOFT PLASTICS, CHIPBOARD
	rpm		9-15m/min	10-20m/min	20-35m/min	30-40m/min	50-80m/min	50-100m/min	80-120m/min
					Drill ø mm				

### COMPACT HEAD

DR300-T5/S5 (30°, 45°, 90° & 360° head)	5500	-	-	-	-	3.0 (1/8")	5.0 (3/16")	5.0 (3/16")	5.0 (3/16")
	4500	-	-	-	-	3.0 (1/8")	5.0 (3/16")	5.0 (3/16")	5.0 (3/16")
DR300-QR (30°, 45°, 90° & 360° head)	3000 3	-	-	-	3.0 (1/8") 2	5.0 (3/16")	5.0 (3/16")	5.0 (3/16")	-
	2000	-	3.0 (1/8")	4.0 (5/32")	5.0 (3/16")	-	-	-	-
	1000	-	4.0 (5/32")	5.0 (3/16")	-	-	-	-	-

### STANDARD HEAD

DR300-T6/S6 (90° & 360° head)	5500	-	-	-	-	3.0 (1/8")	6.0 (1/4")	5.0 (3/16")	6.5 (1/4")
	4500	-	-	-	-	3.0 (1/8")	6.0 (1/4")	5.0 (3/16")	6.5 (1/4")
	3000	-	-	-	3.0 (1/8")	5.0 (3/16")	6.5 (1/4")	6.5 (1/4")	-
DR300-QR (90° & 360° head)	2000	-	3.0 (1/8")	4.0 (5/32")	6.5 (1/4")	6.5 (1/4")	-	6.5 (1/4")	-
	1000	-	4.0 (5/32")	6.0 (1/4")	6.5 (1/4")	-	-	-	-
	550	6.0 (1/4")	6.5 (1/4")	6.5 (1/4")	-	-	-	-	-

### HEAVY DUTY

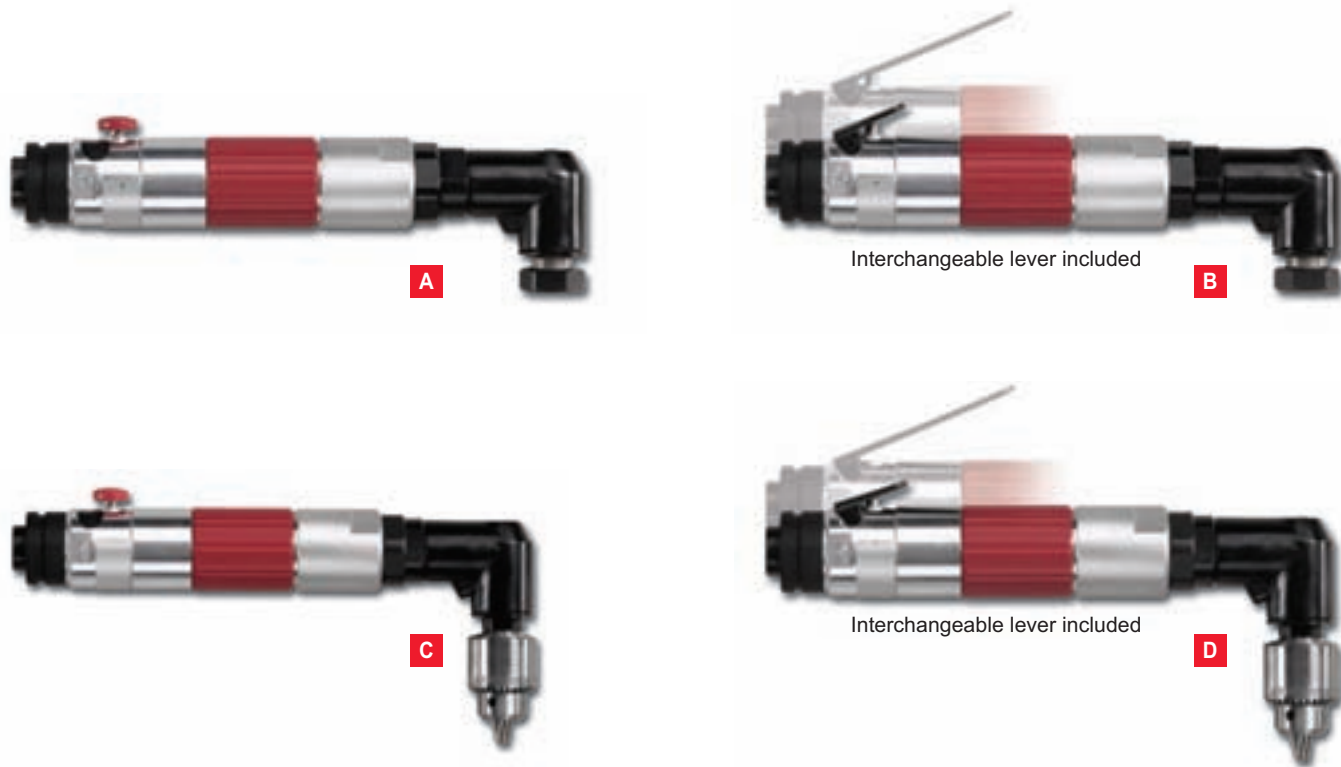
DR3141 (90° head)	2100	-	3.0 (1/8")	3.0 (1/8")	6.0 (1/4")	8.0 (5/16")	8.0 (5/16")	8.0 (5/16")	8.0 (5/16")
DR3143 (90° head)	770	-	7.0 (9/32")	8.0 (5/16")	8.0 (5/16")	-	-	-	-
	2100	-	3.0 (1/8")	3.0 (1/8")	6.0 (1/4")	6.5 (1/4")	6.5 (1/4")	6.5 (1/4")	6.5 (1/4")
	770	-	6.5 (1/4")	6.5 (1/4")	6.5 (1/4")	-	-	-	-



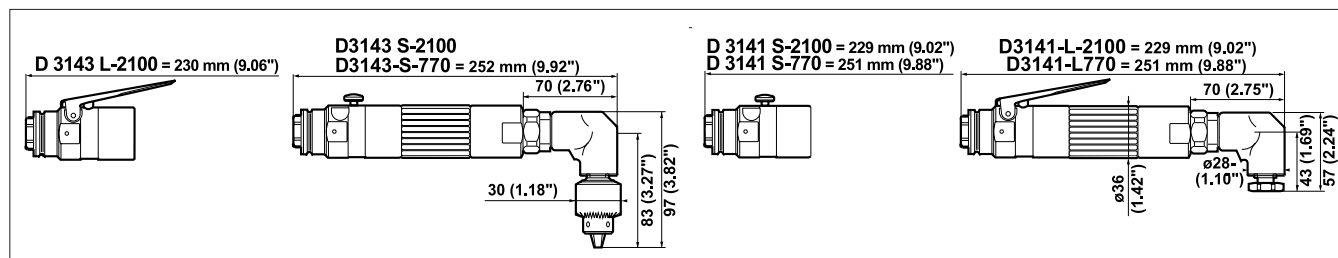
# Angle Drills

## Heavy Duty 90° Angle Head

0.28 kW (0.38 hp) - 770 - 2100 rpm



Accessories: see page 267



PIC REF	MODEL	PART NUMBER	FREE SPEED		MOTOR POWER		WEIGHT		AIR FLOW		AIR INLET		HOSE INT. Ø	
			rpm		kW	hp	kg	lb	l/s	cfm	in.	mm	in.	

### COLLET SPINDLE – 8mm (5/16") CAPACITY

#### Button Start

A	D3141-S-2100	1383084	2100	0.28	0.38	0.86	1.9	9.4	19.9	1/4	6	1/4
A	D3141-S-770	1383244	770	0.28	0.38	1.00	2.2	9.4	19.9	1/4	6	1/4
<b>Lever Start</b>												
B	D3141-L-2100	1383164	2100	0.28	0.38	0.86	1.9	9.4	19.9	1/4	6	1/4
B	D3141-L-770	1383324	770	0.28	0.38	1.00	2.2	9.4	19.9	1/4	6	1/4

### KEY CHUCK – 8mm (5/16") CAPACITY

#### Button Start

C	D3143-S-2100	1383404	2100	0.28	0.38	0.96	2.1	9.4	19.9	1/4	6	1/4
C	D3143-S-770	1383664	770	0.28	0.38	1.00	2.2	9.4	19.9	1/4	6	1/4
<b>Lever Start</b>												
D	D3143-L-2100	1383584	2100	0.28	0.38	0.96	2.1	9.4	19.9	1/4	6	1/4