



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

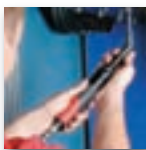
Pistol Grip Drills

- 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")						

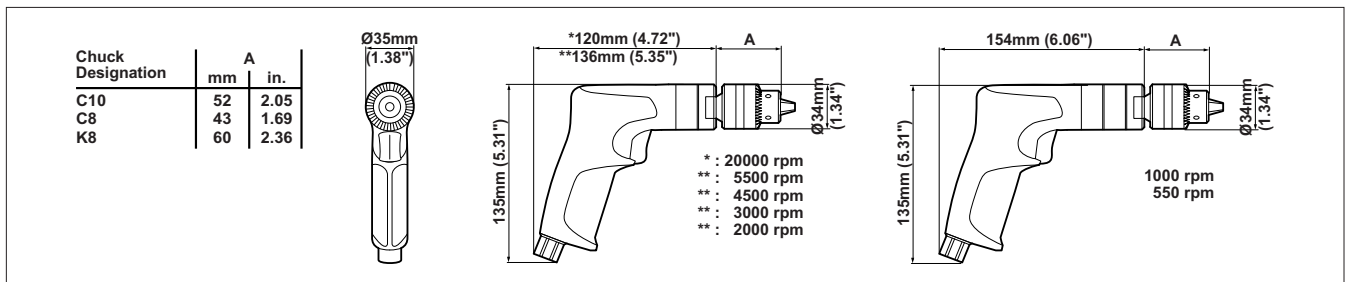
* above standard chuck capacity

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.
TRIGGER START – KEY CHUCK MODELS																	
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	
TRIGGER START – KEYLESS CHUCK MODELS																	
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	
TRIGGER START – WITHOUT CHUCK MODELS																	
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	

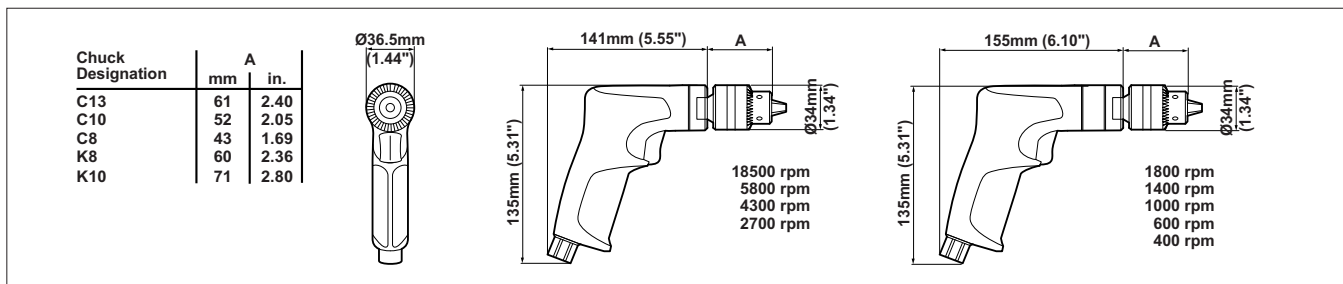
* Chuck spindle 3/8" x 24 UNF

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	in.
TRIGGER START – KEY CHUCK MODELS																	
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	
TRIGGER START – KEYLESS CHUCK MODELS																	
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	
TRIGGER START – WITHOUT CHUCK MODELS																	
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 Size	Motor Power	Stall Torque	Weight	Air Flow	Air Inlet	Hose Int.
DR750-P20000	8 5/16"	0.75 kW	1.6 Nm	1.1 kg	14 l/s	1/4 in.	10 mm
DR750-P6000	8 5/16"	0.75 kW	5.3 Nm	1.1 kg	14 l/s	1/4 in.	10 mm
DR750-P4100	8 5/16"	0.75 kW	7.1 Nm	1.1 kg	14 l/s	1/4 in.	10 mm
DR750-P3300	10 3/8"	0.75 kW	9.6 Nm	1.1 kg	14 l/s	1/4 in.	10 mm
DR750-P1300	10 3/8"	0.75 kW	23.9 Nm	1.6 kg	14 l/s	1/4 in.	10 mm
DR750-P750	13 1/2"	0.75 kW	41.0 Nm	1.6 kg	14 l/s	1/4 in.	10 mm
DR750-P400	13 1/2"	0.75 kW	55.0 Nm	1.6 kg	14 l/s	1/4 in.	10 mm

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 in.

TRIGGER START - KEY CHUCK MODELS

A	DR750-P20000-C8	205 146 659 4	20000	8 5/16"	0.75 kW	1.6 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
A	DR750-P6000-C8	1465124	6000	8 5/16"	0.75 kW	5.3 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
A	DR750-P4100-C8	1465114	4100	8 5/16"	0.75 kW	7.1 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
A	DR750-P3300-C10	1465104	3300	10 3/8"	0.75 kW	9.6 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
A	DR750-P2700-C10	1465094	2700	10 3/8"	0.75 kW	11.1 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
B	DR750-P1300-C10	1465084	1300	10 3/8"	0.75 kW	23.9 Nm	1.6 kg	14 l/s	1/4 in.	10 mm	3/8 in.
B	DR750-P750-C13	1465074	750	13 1/2"	0.75 kW	41.0 Nm	1.6 kg	14 l/s	1/4 in.	10 mm	3/8 in.
B	DR750-P400-C13	205 146 658 4	400	13 1/2"	0.75 kW	55.0 Nm	1.6 kg	14 l/s	1/4 in.	10 mm	3/8 in.

TRIGGER START - JACOBS TAPER 1 SPINDLE - WITHOUT CHUCK

C	DR750-P20000-JT1	205 146 667 4	20000		0.75 kW	1.6 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
C	DR750-P6000-JT1	205 146 666 4	6000		0.75 kW	5.3 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
C	DR750-P4100-JT1	205 146 665 4	4100		0.75 kW	7.1 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
C	DR750-P3300-JT1	205 146 664 4	3300		0.75 kW	9.6 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
C	DR750-P2700-JT1	205 146 663 4	2700		0.75 kW	11.1 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
D	DR750-P1300-JT1	205 146 662 4	1300		0.75 kW	23.9 Nm	1.15 kg	14 l/s	1/4 in.	10 mm	3/8 in.
D	DR750-P750-JT1	205 146 661 4	750		0.75 kW	41.0 Nm	1.15 kg	14 l/s	1/4 in.	10 mm	3/8 in.
D	DR750-P400-JT1	205 146 660 4	400		0.75 kW	55.0 Nm	1.15 kg	14 l/s	1/4 in.	10 mm	3/8 in.

TRIGGER START - KEYLESS CHUCK MODELS

E	DR750-P6000-K8	1465164	6000	8 5/16"	0.75 kW	5.3 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
E	DR750-P4100-K8	1465154	4100	8 5/16"	0.75 kW	7.1 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
E	DR750-P3300-K10	1465144	3300	10 3/8"	0.75 kW	9.6 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.
E	DR750-P2700-K10	1465134	2700	10 3/8"	0.75 kW	11.1 Nm	1.1 kg	14 l/s	1/4 in.	10 mm	3/8 in.

TRIGGER START - WITHOUT CHUCK

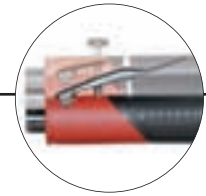
F	DR750-P20000*	205 147 458 4	20000		0.75 kW	1.6 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
F	DR750-P6000*	205 147 417 4	6000		0.75 kW	5.3 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
F	DR750-P4100*	205 147 456 4	4100		0.75 kW	7.1 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
F	DR750-P3300*	205 147 455 4	3300		0.75 kW	9.6 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
F	DR750-P2700*	205 147 416 4	2700		0.75 kW	11.1 Nm	0.9 kg	14 l/s	1/4 in.	10 mm	3/8 in.
G	DR750-P1300*	205 147 415 4	1300		0.75 kW	23.9 Nm	1.15 kg	14 l/s	1/4 in.	10 mm	3/8 in.
G	DR750-P750**	205 147 452 4	750		0.75 kW	41.0 Nm	1.15 kg	14 l/s	1/4 in.	10 mm	3/8 in.
G	DR750-P400**	205 147 451 4	400		0.75 kW	55.0 Nm	1.15 kg	14 l/s	1/4 in.	10 mm	3/8 in.

* 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



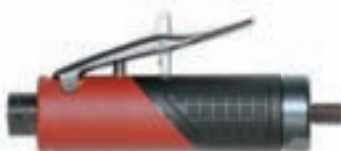
C



D

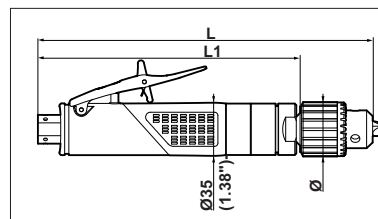


E



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