

*Desoutter*



**Industrial** Tools



## ***Drilling Solutions***

- *Straight drills*
- *Angle head drills*
- *Multi Drills*

**More Than Productivity**



# Ergonomics...

Increase your productivity with the DR300 series...  
The widest range of fixed-angle heads





**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

## COMPACT HEAD

TOOL TYPE	FREE SPEED	STAINLESS STEEL	HARD CAST IRON MEDIUM HARD STEEL	SOFT CAST IRON MILD STEEL ①	HARD PLASTICS	ALUMINIUM BRASS, COPPER BRONZE	COMPOSITE	WOOD SOFT PLASTIC CHIPBOARD
	rpm	9-15m/min	10-20m/min	20-35m/min	30-40m/min	50-80m/min	50-100m/min	80-120m/min
FREE SPEEDS FROM 1000 TO 5500 RPM								
Drill Ømm (in.)								
<b>DR300-T5/S5</b> (90°, 30° & 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")
<b>DR300-QR</b> (90°, 30° & 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")	-	-	-	-	-

# High productivity...

Drill anywhere with the DR300 Multi drills series  
 Save time with fewer equipment changes.

Our multi-drill solution with its interchangeable, quick-release heads allow you to change the drill head and operating angle quickly increasing productivity.



## STANDARD HEAD

How to select your tool:

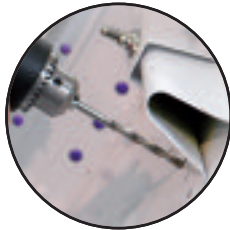
① Select material ② Select hole size ③ Define speed

TOOL TYPE	FREE SPEED	TITANIUM	STAINLESS STEEL	HARD CAST IRON MEDIUM HARD STEEL	SOFT CAST IRON MILD STEEL ①	HARD PLASTICS	ALUMINIUM BRASS, COPPER BRONZE	COMPOSITE	WOOD SOFT PLASTIC CHIPBOARD
	rpm	4.5m/min	9-15m/min	10-20m/min	20-35m/min	30-40m/min	50-80m/min	50-100m/min	80-120m/min
<b>FREE SPEEDS FROM 550 TO 5500 RPM</b>									
					<b>Drill Ømm (in.)</b>				
<b>DR300-T6/S6</b> (90°, 45° & 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 -	-	-	-	3.0 (1/8") ②	5.0 (3/16")	6.5 (1/4")	6.5 (1/4")
<b>DR300-QR</b> (90°, 45° & 360° head)	2000	-	3.0 (1/8")	4.0 (5/32")	6.5 (1/4")	6.5 (1/4")	-	-	-
	1000	3.0 (1/8")	4.0 (5/32")	6.0 (1/4")	-	-	-	-	-
	550	6.0 (1/4")	6.5 (1/4")	6.5 (1/4")	-	-	-	-	-



# Value For Money!

Feel the power in your hands ...  
With the **DR300** straight body series



**High precision**  
The DR300's high drive accuracy produces quality holes



**High power**  
Efficient effective motor to maintain optimum drilling speed



**Safety**  
Button or lever included for all DR300




**Operator comfort**  
Excellent power-to-weight ratio gets the job done with minimum fatigue



## STRAIGHT DRILL

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 ①	ALUMINIUM BRASS. COPPER BRONZE	COMPOSITE	WOOD SOFT PLASTIC CHIPBOARD
	rpm	4.5m/min	9-15m/min	10-20m/min	20-35m/min	30-40m/min	50-80m/min	50-100m/min	80-120m/min
<b>FREE SPEEDS FROM 550 TO 20000 RPM</b>									
Drill Ømm (in.)									
<b>DR300-T...</b> 8-10 mm (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 -	-	-	-	3.0 (1/8") ②	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")	-	-	-	-	-	-



# TECHNICAL DATA

MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		WEIGHT	
		rpm	Kw	hp	kg	lb

## COMPACT 90° ANGLE HEAD

### COLLET SPINDLE - 5mm (3/16") CAPACITY

DR300-T5500-T5-90	205 147 551 4	5500	0.3	0.4	0.62	1.36
DR300-T4500-T5-90	205 147 549 4	4500	0.3	0.4	0.62	1.36
DR300-T3000-T5-90	205 147 547 4	3000	0.3	0.4	0.62	1.36
DR300-T2000-T5-90	205 147 545 4	2000	0.3	0.4	0.62	1.36
DR300-T1000-T5-90	205 147 543 4	1000	0.3	0.4	0.70	1.54

### 1/4" x 28 SPINDLE - 5mm (3/16") CAPACITY

DR300-T5500-S5-90	205 147 552 4	5500	0.3	0.4	0.62	1.36
DR300-T4500-S5-90	205 147 550 4	4500	0.3	0.4	0.62	1.36
DR300-T3000-S5-90	205 147 548 4	3000	0.3	0.4	0.62	1.36
DR300-T2000-S5-90	205 147 546 4	2000	0.3	0.4	0.62	1.36
DR300-T1000-S5-90	205 147 544 4	1000	0.3	0.4	0.70	1.54

## COMPACT 30° ANGLE HEAD

### COLLET SPINDLE - 5mm (3/16") CAPACITY

DR300-T5500-T5-30	205 147 539 4	5500	0.3	0.4	0.62	1.36
DR300-T4500-T5-30	205 147 537 4	4500	0.3	0.4	0.62	1.36
DR300-T3000-T5-30	205 147 535 4	3000	0.3	0.4	0.62	1.36
DR300-T2000-T5-30	205 147 533 4	2000	0.3	0.4	0.62	1.36
DR300-T1000-T5-30	205 147 531 4	1000	0.3	0.4	0.70	1.54

### 1/4" x 28 SPINDLE - 5mm (3/16") CAPACITY

DR300-T5500-S5-30	205 147 540 4	5500	0.3	0.4	0.62	1.36
DR300-T4500-S5-30	205 147 538 4	4500	0.3	0.4	0.62	1.36
DR300-T3000-S5-30	205 147 536 4	3000	0.3	0.4	0.62	1.36
DR300-T2000-S5-30	205 147 534 4	2000	0.3	0.4	0.62	1.36
DR300-T1000-S5-30	205 147 532 4	1000	0.3	0.4	0.70	1.54

## COMPACT 360° ANGLE HEAD

### COLLET SPINDLE - 5mm (3/16") CAPACITY

DR300-T5500-T5-360	205 147 563 4	5500	0.3	0.4	0.70	1.54
DR300-T4500-T5-360	205 147 561 4	4500	0.3	0.4	0.70	1.54
DR300-T3000-T5-360	205 147 559 4	3000	0.3	0.4	0.70	1.54
DR300-T2000-T5-360	205 147 557 4	2000	0.3	0.4	0.70	1.54
DR300-T1000-T5-360	205 147 555 4	1000	0.3	0.4	0.78	1.72

### 1/4" x 28 SPINDLE - 5mm (3/16") CAPACITY

DR300-T5500-S5-360	205 147 564 4	5500	0.3	0.4	0.70	1.54
DR300-T4500-S5-360	205 147 562 4	4500	0.3	0.4	0.70	1.54
DR300-T3000-S5-360	205 147 560 4	3000	0.3	0.4	0.70	1.54
DR300-T2000-S5-360	205 147 558 4	2000	0.3	0.4	0.70	1.54
DR300-T1000-S5-360	205 147 556 4	1000	0.3	0.4	0.78	1.72

## MULTI DRILLS

DR350-P3000-QR	205 147 528 4	3000	0.3	0.4	0.50	1.10
DR300-T5500-QR	205 147 527 4	5500	0.3	0.4	0.50	1.10
DR300-T4500-QR	205 147 526 4	4500	0.3	0.4	0.50	1.10
DR300-T3000-QR	205 147 525 4	3000	0.3	0.4	0.50	1.10
DR300-T2000-QR	205 147 524 4	2000	0.3	0.4	0.50	1.10
DR300-T1000-QR	205 147 523 4	1000	0.3	0.4	0.58	1.27
DR300-T550-QR	205 147 522 4	550	0.3	0.4	0.58	1.27

## ANGLE HEADS

205 050 331 3	Compact 90° Angle Head - Collet spindle	5.0	3/16
205 050 332 3	Compact 90° Angle Head - 1/4" x 28 spindle		
205 050 329 3	Compact 30° Angle Head - Collet spindle	5.0	3/16
205 050 330 3	Compact 30° Angle Head - 1/4" x 28 spindle		
205 050 333 3	Compact 360° Angle Head - Collet spindle	5.0	3/16
205 050 334 3	Compact 360° Angle Head - 1/4" x 28 spindle		
205 050 338 3	Standard 90° Angle Head - Collet spindle	6.4	1/4
205 050 353 3	Standard 90° Angle Head - Collet spindle	8.0	5/16
205 050 339 3	Standard 90° Angle Head - 1/4" x 28 spindle		
205 050 340 3	Standard 90° Angle Head - 5/16" x 24 spindle		
205 050 341 3	Standard 360° Angle Head - Collet spindle	6.4	1/4
205 050 342 3	Standard 360° Angle Head - 1/4" x 28 spindle		
205 050 343 3	Standard 360° Angle Head - 5/16" x 24 spindle		
205 050 335 3	Standard 45° Angle Head - Collet spindle	6.4	1/4
205 050 336 3	Standard 45° Angle Head - 1/4" x 28 spindle		
205 050 337 3	Standard 45° Angle Head - 5/16" x 24 spindle		
205 050 543 3	Chuck mounting 3/8" x 24 tpi		

Please refer to  
our Accessories catalogue  
PN 615 993 539 8

Air line Network





## >THE WIDEST RANGE OF STRAIGHT AND ANGLE HEAD DRILLS

*Desoutter pneumatic tools are designed to provide operator safety and high productivity for all your drilling tasks, thanks to our wide range of straight and angle-head drills.*

MODEL	PART NUMBER	FREE SPEED	MOTOR POWER		WEIGHT	
			rpm	Kw	hp	kg

### STANDARD 90° ANGLE HEAD

#### COLLET SPINDLE - 6.4mm (1/4") CAPACITY

DR300-T5500-T6-90	205 147 598 4	5500	0.3	0.4	0.68	1.49
DR300-T4500-T6-90	205 147 595 4	4500	0.3	0.4	0.68	1.49
DR300-T3000-T6-90	205 147 592 4	3000	0.3	0.4	0.68	1.49
DR300-T2000-T6-90	205 147 589 4	2000	0.3	0.4	0.68	1.49
DR300-T1000-T6-90	205 147 586 4	1000	0.3	0.4	0.76	1.67
DR300-T550-T6-90	205 147 583 4	550	0.3	0.4	0.76	1.67

#### 1/4" x 28 SPINDLE - 6.4mm (1/4") CAPACITY

DR300-T5500-S6-90	205 147 599 4	5500	0.3	0.4	0.68	1.49
DR300-T4500-S6-90	205 147 596 4	4500	0.3	0.4	0.68	1.49
DR300-T3000-S6-90	205 147 593 4	3000	0.3	0.4	0.68	1.49
DR300-T2000-S6-90	205 147 590 4	2000	0.3	0.4	0.68	1.49
DR300-T1000-S6-90	205 147 587 4	1000	0.3	0.4	0.76	1.67
DR300-T550-S6-90	205 147 584 4	550	0.3	0.4	0.76	1.67

### STANDARD 45° ANGLE HEAD

#### COLLET SPINDLE - 6.4mm (1/4") CAPACITY

DR300-T5500-T6-45	205 147 580 4	5500	0.3	0.4	0.68	1.49
DR300-T4500-T6-45	205 147 577 4	4500	0.3	0.4	0.68	1.49
DR300-T3000-T6-45	205 147 574 4	3000	0.3	0.4	0.68	1.49
DR300-T2000-T6-45	205 147 571 4	2000	0.3	0.4	0.68	1.49
DR300-T1000-T6-45	205 147 568 4	1000	0.3	0.4	0.68	1.49
DR300-T550-T6-45	205 147 565 4	550	0.3	0.4	0.68	1.49

#### 1/4" x 28 SPINDLE - 6.4mm (1/4") CAPACITY

DR300-T5500-S6-45	205 147 581 4	5500	0.3	0.4	0.68	1.49
DR300-T4500-S6-45	205 147 578 4	4500	0.3	0.4	0.68	1.49
DR300-T3000-S6-45	205 147 575 4	3000	0.3	0.4	0.68	1.49
DR300-T2000-S6-45	205 147 572 4	2000	0.3	0.4	0.68	1.49
DR300-T1000-S6-45	205 147 569 4	1000	0.3	0.4	0.68	1.49
DR300-T550-S6-45	205 147 566 4	550	0.3	0.4	0.68	1.49

### STANDARD 360° ANGLE HEAD

#### COLLET SPINDLE - 6.4mm (1/4") CAPACITY

DR300-T5500-T6-360	205 147 616 4	5500	0.3	0.4	0.85	1.87
DR300-T4500-T6-360	205 147 613 4	4500	0.3	0.4	0.85	1.87
DR300-T3000-T6-360	205 147 610 4	3000	0.3	0.4	0.77	1.69
DR300-T2000-T6-360	205 147 607 4	2000	0.3	0.4	0.77	1.69
DR300-T1000-T6-360	205 147 604 4	1000	0.3	0.4	0.85	1.87
DR300-T550-T6-360	205 147 601 4	550	0.3	0.4	0.85	1.87

#### 1/4" x 28 SPINDLE - 6.4mm (1/4") CAPACITY

DR300-T5500-S6-360	205 147 617 4	5500	0.3	0.4	0.77	1.69
DR300-T4500-S6-360	205 147 614 4	4500	0.3	0.4	0.77	1.69
DR300-T3000-S6-360	205 147 611 4	3000	0.3	0.4	0.77	1.69
DR300-T2000-S6-360	205 147 608 4	2000	0.3	0.4	0.77	1.69
DR300-T1000-S6-360	205 147 605 4	1000	0.3	0.4	0.85	1.87
DR300-T550-S6-360	205 147 602 4	550	0.3	0.4	0.85	1.87

### STRAIGHT GRIP DRILLS

#### KEY CHUCK MODELS

DR300-T20000-C8	205 147 496 4	20000	0.3	0.4	0.47	1.03
DR300-T5500-C8	205 147 493 4	5500	0.3	0.4	0.60	1.32
DR300-T4500-C8	205 147 490 4	4500	0.3	0.4	0.60	1.32
DR300-T3000-C8	205 147 487 4	3000	0.3	0.4	0.60	1.32
DR300-T2000-C8	205 147 484 4	2000	0.3	0.4	0.60	1.32
DR300-T1000-C10	205 147 481 4	1000	0.3	0.4	0.75	1.65
DR300-T550-C10	205 147 478 4	550	0.3	0.4	0.75	1.65

#### WITHOUT CHUCK MODELS

DR300-T20000*	205 147 495 4	20000	0.3	0.4	0.34	0.75
DR300-T5500*	205 147 492 4	5500	0.3	0.4	0.47	1.04
DR300-T4500*	205 147 489 4	4500	0.3	0.4	0.47	1.04
DR300-T3000*	205 147 486 4	3000	0.3	0.4	0.47	1.04
DR300-T2000*	205 147 483 4	2000	0.3	0.4	0.47	1.04
DR300-T1000*	205 147 480 4	1000	0.3	0.4	0.52	1.15
DR300-T550*	205 147 477 4	550	0.3	0.4	0.52	1.15

\* Chuck spindle 3/8"x24 UNC

## >POWER

*The power of the DR300 series is ideal for drilling applications such as aluminium, steel, wood and composites.*

*Available with seven free speeds, from 550 to 20 000 rpm, we have the right drill for your application.*

## >ERGONOMY

*Based on our expertise and customer feedback, Desoutter engineers have developed a range of compact and powerful drills that provide maximum comfort during operations.*

## >INNOVATION

*By offering fixed and interchangeable heads, the DR300 series continues Desoutter's long tradition of innovation in pneumatic tools.*



# More Than Productivity



[www.desouttertools.com](http://www.desouttertools.com)

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