

Screwdriving technology

Automation

Air motors

Air tools



## Air Grinders with Collets

**Inline Design: 300 W (.40 HP)**

- high power output at a low weight
- ergonomic
- highly durable
- efficient

Our die-grinders are designed to fulfil the highest quality demands when they are used on industrial applications. The grinders may be used with grinding-tips or carbide burrs to fabricate plastics and metals in foundries, in the tool- and die making industry or in the precision fabrication industry. DEPRAG carries specially adapted tools that perfectly fit your particular application and most are especially well-suited for the grinding in cavities and hard-to-reach casted areas. The grinders (Design V) are equipped with a reduced shank to reach tight spots. The extended straight grinders (Design Q) are best used in space limited areas, such as on cars in the auto industry. If you require a grinder that needs to be clamped into a stand, vice or holder, then we can offer the grinders of Design G.



GDS 030-200BX



GDS 030-230BY



GDS 030-230VY



GDS 030-450GV



GDS 030-300QY

Our large product range also includes stationary grinders with collets. For more information on our stationary grinders, please go to [www.deprag.cz](http://www.deprag.cz) or find them in our Catalog No. DCZ 10165.



## The best tools for efficient material removal

### High power output at a low weight

All DEPRAG Industrial grinders excel through their compact design while simultaneously achieving a high power output. Especially when used with carbide cutters, these tools offer a powerful solution.

### Ergonomic

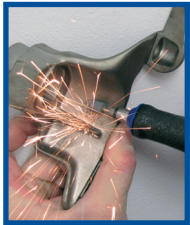
The Ergonomic design of the housing and the surface treatment of the grip allows a continued and low-fatigue operation.

### Highly durable

The robust construction assures a high longevity of your tool - even when used in continued- and mass-fabrication operations.

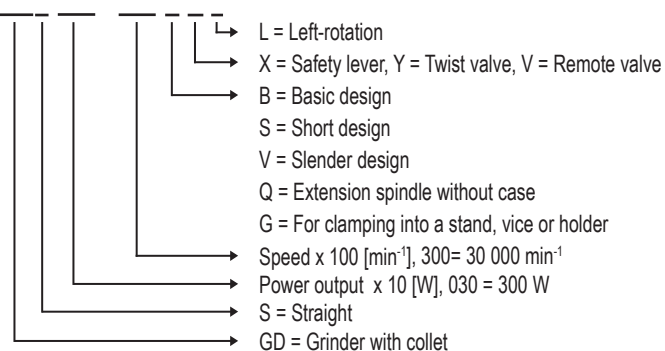
### Efektivita

Our grinders are equipped with a quick-response speed regulator, which assures that the tool runs at a constant speed even under full load. The speed regulator is adjustable so that the peripheral speed is constantly adapted to the tools' maximum speed potential for any given application. The tool has an especially low air consumption because of the regulated idle speed.



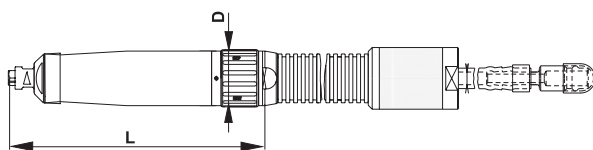
## TYPE KEY

### GDS 030 - 300 B X L



## SPECIFICATIONS - GRINDERS WITH COLLETS - 300 W (.40 HP), Basic Design

### Basic Design - with / without Speed Regulator



		With Speed Regulator				Without Speed Regulator	
<b>Basic Design</b>	<b>Model</b>	<b>GDS 030-120BX</b>	<b>GDS 030-150BX</b>	<b>GDS 030-200BX</b>	<b>GDS 030-230BX</b>	<b>GDS 030-300BX</b>	<b>GDS 030-450BX</b>
Safety Lever, Right-rotation	Part-No.	6060854A	6060850A	6060560A	6060846A	830495 A	830496 A
<b>Basic Design</b>	<b>Model</b>					<b>GDS 030-300BXL</b>	
Safety Lever, Left-rotation	Part-No.					830495 E	
<b>Basic Design</b>	<b>Model</b>	<b>GDS 030-120BY</b>	<b>GDS 030-150BY</b>	<b>GDS 030-200BY</b>	<b>GDS 030-230BY</b>	<b>GDS 030-300BY</b>	<b>GDS 030-450BY</b>
Twist Valve, Right-rotation	Part-No.	6060853A	6060849A	6060559A	6060845A	830495 B	830496 B
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	15 000	20 000	23 000	30 000	45 000
Max. power output	W (hp)	300 (.40)	300 (.40)	300 (.40)	300 (.40)	300 (.40)	300 (.40)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,15 (5.30)	0,20 (7.06)	0,32 (11.30)	0,35 (12.36)	0,45 (15.89)	0,50 (17.66)
Air consumption (max. power)	m <sup>3</sup> /min (cfm)	0,49 (17.30)	0,52 (18.36)	0,53 (18.71)	0,54 (19.07)	-	-
I.D. of air inlet hose	mm (in)	8 (.31)	8 (.31)	8 (.31)	8 (.31)	6 (.24)	6 (.24)
Max. Ø of grinding tip	mm (in)	20 (.79)	20 (.79)	20 (.79)	20 (.79)	20 (.79)	20 (.79)
Max. Ø of grinding insert	mm (in)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	6 (.24)	6 (.24)
Weight of tool (without hoses)	kg (lbs)	0,37 (.82)	0,37 (.82)	0,37 (.82)	0,37 (.82)	0,40 (.88)	0,40 (.88)
(weight of hoses 0,5 kg)							
Length of supply/exhaust hose	m	2/1,25	2/1,25	2/1,25	2/1,25	2/1,25	2/1,25
Dimensions Ø DxL	mm (in)	38x194 (1.5x7.6) 38x192 (1.5x7.6)	38x194 (1.5x7.6) 38x192 (1.5x7.6)	38x194 (1.5x7.6) 38x192 (1.5x7.6)	38x194 (1.5x7.6) 38x192 (1.5x7.6)	34,5x174 (1.4x6.9) 34,5x174 (1.4x6.9) 36x170 (1.4x6.7)	34,5x174 (1.4x6.9) 36x170 (1.4x6.7)
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	Nipple

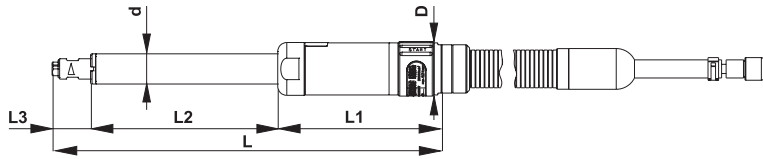
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number	
Collet Ø 6 mm	6014315	830648
Spanner 6/9 mm	-	830649
Spanner 10 mm	800402	-
Spanner 11 mm	-	805491
Spanner 14 mm	800410	-

Optional Accessories:	Part Number	
Collet Ø 3 mm	6014316	830650
Collet Ø 4 mm	6014318	830702
Collet Ø 5 mm	6014319	830703
Collet Ø 1/8"	6014320	830651
Collet Ø 3/16"	6014321	830652
Collet Ø 1/4"	6014314	830653

## SPECIFICATIONS - GRINDERS WITH COLLETS - 300 W (.40 HP), Slender Design

Slender Design - especially well-suited for the grinding in cavities and hard-to-reach casted areas, these grinders are equipped with a reduced shank; with/without Speed Regulator.



		With Speed Regulator				Without Speed Regulator			
<b>Slender Design</b>	<b>Model</b>	<b>GDS 030-120VX</b>	<b>GDS 030-150VX</b>	<b>GDS 030-200VX</b>	<b>GDS 030-230VX</b>	<b>GDS 030-300VX</b>	<b>GDS 030-450VX</b>		
Safety Lever, Right-rotation	Part No.	6060856A	6060852A	6060562A	6060848A	830495 C	6060518A		
<b>Slender Design</b>	<b>Model</b>	<b>GDS 030-120VY</b>	<b>GDS 030-150VY</b>	<b>GDS 030-200VY</b>	<b>GDS 030-230VY</b>	<b>GDS 030-300VY</b>	<b>GDS 030-450VY</b>		
Twist Valve, Right-rotation	Part No.	6060855A	6060851A	6060561A	6060847A	828928 E	6060517A		
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	15 000	20 000	23 000	30 000	45 000		
Max. power output	W (hp)	300 (.40)	300 (.40)	300 (.40)	300 (.40)	300 (.40)	300 (.40)		
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,15 (5.30)	0,20 (7.06)	0,32 (11,3)	0,35 (12.36)	0,45 (15.89)	0,50 (17.66)		
Air consumption (max. power)	m <sup>3</sup> /min (cfm)	0,49 (17.30)	0,52 (18.36)	0,53 (18,71)	0,54 (19.07)	-	-		
I.D. of air inlet hose	mm (in)	8 (.31)	8 (.31)	8 (.31)	8 (.31)	6 (.24)	6 (.24)		
Max. Ø of grinding tip	mm (in)	20 (.79)	20 (.79)	20 (.79)	20 (.79)	20 (.79)	20 (.79)		
Max. Ø of grinding insert	mm (in)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	6 (.24)	6 (.24)		
Weight of tool (without hoses)	kg (lbs)	0,62 (1.37)	0,62 (1.37)	0,62 (1.37)	0,62 (1.37)	0,35 (.77)	0,35 (.77)		
(weight of hoses 0,5 kg)									
Length of supply/ exhaust hose	m	2 / 1,25	2 / 1,25	2 / 1,25	2 / 1,25	2 / 1,25	2 / 1,25		
Dimensions Ø dxDxL	mm (in)	20x38x323 (.8x1.5x12.7)	20x38x323 (.8x1.5x12.7)	20x38x323 (.8x1.5x12.7)	20x38x323 (.8x1.5x12.7)	20x35x280 (.8x1.4x11.0)	20x35x280 (.8x1.4x11.0)		
		20x38x320 (.8x1.5x12.6)	20x38x320 (.8x1.5x12.6)	20x38x320 (.8x1.5x12.6)	20x38x320 (.8x1.5x12.6)	20x36x276 (.8x1.4x10.9)	20x36x276 (.8x1.4x10.9)		
Length: Design X / Y		<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>	<b>X</b> <b>Y</b>
Length L1	mm (in)	172 (6.8)   169 (6.7)	172 (6.8)   169 (6.7)	172 (6.8)   169 (6.7)	172 (6.8)   169 (6.7)	131 (5.2)   127 (5.0)	131 (5.2)   127 (5.0)	131 (5.2)   127 (5.0)	131 (5.2)   127 (5.0)
Length L2	mm (in)	123 (4.8)   123 (4.8)	123 (4.8)   123 (4.8)	123 (4.8)   123 (4.8)	123 (4.8)   123 (4.8)	124 (4.9)   124 (4.9)	124 (4.9)   124 (4.9)	124 (4.9)   124 (4.9)	124 (4.9)   124 (4.9)
Length L3	mm (in)	28 (1.1)   28 (1.1)	28 (1.1)   28 (1.1)	28 (1.1)   28 (1.1)	28 (1.1)   28 (1.1)	25 (1.0)   25 (1.0)	25 (1.0)   25 (1.0)	25 (1.0)   25 (1.0)	25 (1.0)   25 (1.0)
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	Nipple	Nipple	Nipple

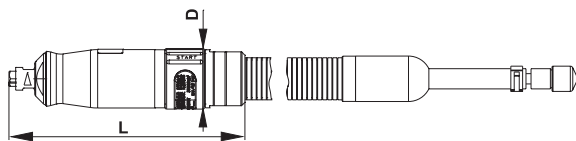
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number	
Collet Ø 6 mm	6014315	830648
Spanner 6/9 mm	-	830649
Spanner 10 mm	800402	-
Spanner 11 mm	-	805491
Spanner 14 mm	800410	-

Optional Accessories:	Part Number	
Collet Ø 3 mm	6014316	830650
Collet Ø 4 mm	6014318	830702
Collet Ø 5 mm	6014319	830703
Collet Ø 1/8"	6014320	830651
Collet Ø 3/16"	6014321	830652
Collet Ø 1/4"	6014314	830653

# SPECIFICATIONS - GRINDERS WITH COLLETS - 300 W (.40 HP), Short Design

## Short Design



		Without Speed Regulator			
<b>Short Design</b>	<b>Model</b>	<b>GDS 030-300SX</b>		<b>GDS 030-450SX</b>	
Safety Lever, Right-rotation	Part No.	6060516A		830496 C	
<b>Krátké provedení</b>	<b>Model</b>	<b>GDS 030-300SY</b>		<b>GDS 030-450SY</b>	
Twist Valve, Right-rotation	Part No.	830495 D		830496 D	
Speed (no load)	min <sup>-1</sup> (rpm)	30 000		45 000	
Max. power output	W (hp)	300 (.40)		300 (.40)	
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,45 (15.89)		0,50 (17.66)	
I.D. of air inlet hose	mm (in)	6 (.24)		6 (.24)	
Max. Ø of grinding tip	mm (in)	20 (.79)		20 (.79)	
Max. Ø of grinding insert	mm (in)	6 (.24)		10 (.39)	
Weight of tool (without hoses) (weight of hoses 0,5 kg)	kg (lbs)	0,28 (.62)		0,28 (.62)	
Length of supply/exhaust hose	m (in)	2 / 1,25		2 / 1,25	
Dimensions Ø DxL	mm (in)	35x143 (1.4x5.6)		35x143 (1.4x5.6)	
		36x140 (1.4x5.5)		36x140 (1.4x5.5)	
Air connection		Nipple		Nipple	

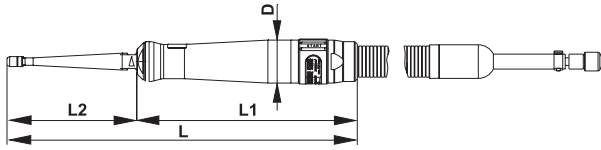
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Collet Ø 6 mm	830648
Spanner 6/9 mm	830649
Spanner 11 mm	805491

Optional Accessories:	Part Number
Collet Ø 3 mm	830650
Collet Ø 4 mm	830702
Collet Ø 5 mm	830703
Collet Ø 1/8"	830651
Collet Ø 3/16"	830652
Collet Ø 1/4"	830653

## SPECIFICATIONS - GRINDERS WITH COLLETS - 300 W (.40 HP)

Grinders with Extended Spindle are best used to reach tight spots, such as on cars in the auto industry.



Without Speed Regulator		
<b>Design with Extended Spindle</b>	<b>Model</b>	<b>GDS 030-300QX</b>
Safety Lever, Right-rotation	Part No.	6060906A
<b>Design with Extended Spindle</b>	<b>Model</b>	<b>GDS 030-300QY</b>
Twist Valve, Right-rotation	Part No.	6060904A
Speed (no load)	min <sup>-1</sup>	30 000
Max. power output	W	300
Air consumption (no load)	m <sup>3</sup> /min	0,45
I.D. of air inlet hose	mm	6
Max. Ø of grinding tip	mm	10
Max. Ø of grinding insert	mm	6
Weight of tool (without hoses)	kg	0,40
(weight of hoses 0,5 kg)		
Length of supply/exhaust hose	m	2 / 1,25
Dimensions Ø DxL	mm	35x284 36x281
Length L1	mm	180 177
Length L2	mm	104
Air connection		Nipple

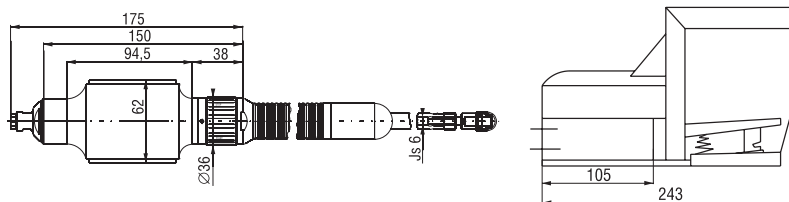
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Spanner 8 mm	800399
Spanner 11 mm	805491

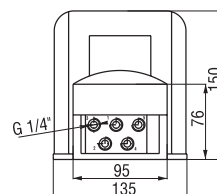
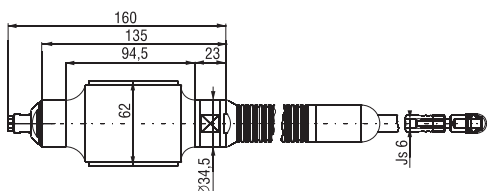
## SPECIFICATIONS - GRINDERS WITH COLLETS - 300 W (.40 HP)

### Stationary Grinders for Clamping into a Stand, Vice or Holder. Twist Valve or Remote Valve.

**Twist Valve**



**Without Valve  
(Remote Valve)**



**Foot Pedal  
(for Models GDS 030-300GV,  
GDS 030-450GV)**

Grinders for Clamping into a Stand, Vice or Holder	Model Part No.	Twist Valve		Remote Valve	
		GDS 030-300GY 6060926A	GDS 030-450GY 6060923A	GDS 030-300GV 6060927A	GDS 030-450GV 6060924A
Speed (no load)	min <sup>-1</sup>	30 000	45 000	30 000	45 000
Max. power output	W	300	300	300	300
Air consumption (no load)	m <sup>3</sup> /min	0,45	0,50	0,45	0,50
I.D. of air inlet hose	mm	6	6	6	6
Max. Ø of grinding tip	mm	20	20	20	20
Max. Ø of grinding insert	mm	6	6	6	6
Weight of tool (without hoses) (weight of hoses 0,32 kg)	kg	0,98	0,98	0,93	0,93
Length of supply/exhaust hose	m	2 / 1,25	2 / 1,25	2 / 1,25	2 / 1,25
Air connection		Nipple	Nipple	Nipple	Nipple

Specifications at 90 psi (6,3 bar)

#### Standard Equipment:

	Part Number			
Collet Ø 6 mm	830648	830648	830648	830648
Spanner 6/9 mm	830649	830649	830649	830649
Spanner 11 mm	805491	805491	805491	805491

#### Optional Accessories:

	Part Number			
Collet Ø 3 mm	830650	830650	830650	830650
Collet Ø 4 mm	830702	830702	830702	830702
Collet Ø 5 mm	830703	830703	830703	830703
Collet Ø 1/8"	830651	830651	830651	830651
Collet Ø 3/16"	830652	830652	830652	830652
Collet Ø 1/4"	830653	830653	830653	830653
Foot-pedal operation 5/2	-	-	6017752	6017752
Cover (3 pcs)	-	-	6014811	6014811
Hose nozzle SW 6 - 1/4" (2 pcs)	-	-	6013785	6013785
Ring 10x2 mm (5 ks)	-	-	6072827	6072827
Hose clamp 13,3 mm (2 pcs)	-	-	6070831	6070831

# DEPRAG

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