



Schraubtechnik

Automation

Druckluftmotoren

Druckluftwerkzeuge

**DEPRAG**  
machines unlimited



## 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.



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

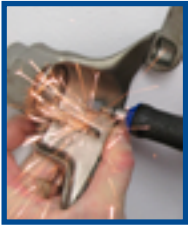
The Ergonomic design of the housing and the surface treatment of the grip allows a continued and low-fatigue operation.

### Highly durable

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

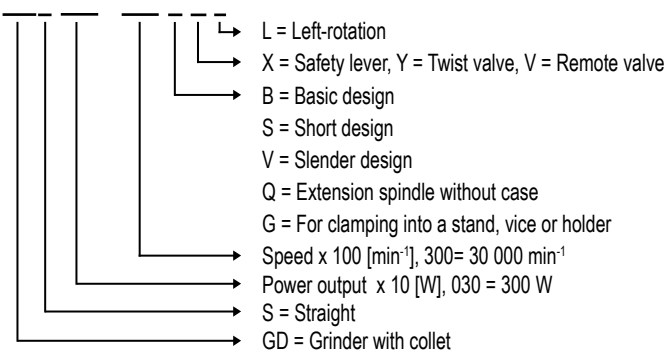
### Efektivita

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.



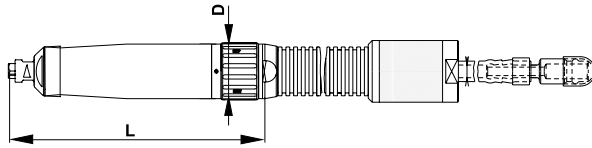
## TYPE KEY

### 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>GDS030-120BX</b>	<b>GDS030-150BX</b>	<b>GDS030-200BX</b>	<b>GDS030-230BX</b>	<b>GDS030-300BX</b>	<b>GDS030-450BX</b>
Safety Lever, Right-rotation	Part-No.	6060854A	6060850A	6060560A	6060846A	830495A	830496A
<b>Basic Design</b>	<b>Model</b>	<b>GDS030-120BY</b>	<b>GDS030-150BY</b>	<b>GDS030-200BY</b>	<b>GDS030-230BY</b>	<b>GDS030-300BY</b>	<b>GDS030-450BY</b>
Twist Valve, Right-rotation	Part-No.	6060853A	6060849A	6060559A	6060845A	830495B	830496B
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) (weight of hoses 0,5 kg)	kg (lbs)	0,37 (.82)	0,37 (.82)	0,37 (.82)	0,37 (.82)	0,40 (.88)	0,40 (.88)
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) 36x170 (1.4x6.7)	34,5x174 (1.4x6.9) 36x170 (1.4x6.7)
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	Nipple

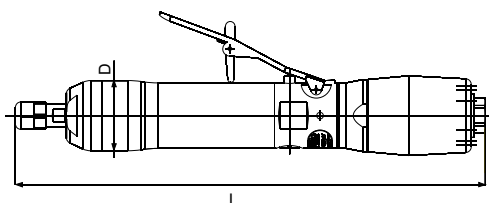
Specifications at 90 psi (6,3 bar)

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

Optional Accessories:	Part Number
Collet Ø 3 mm	6014316
Collet Ø 4 mm	6014318
Collet Ø 5 mm	6014319
Collet Ø 1/8"	6014320
Collet Ø 3/16"	6014321
Collet Ø 1/4"	6014314

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

### Basic Design - with Speed Regulator



Slender Design	Model	With Speed Regulator					
		Part No.	GDS030-180BXE		GDS030-250BXES		GDS030-180BXE
Safety Lever, Right-rotation		6061300A			6061300B		6061300A
Speed (no load)	min <sup>-1</sup> (rpm)		18 000		25 000		18 000
Max. power output	W (hp)		300 (.40)		300 (.40)		300 (.40)
Air consumption (loaded)	m <sup>3</sup> /min (cfm)		0,18 (6.36)		0,29 (12.71)		0,18 (6.36)
Air consumption (no load)	m <sup>3</sup> /min (cfm)		0,46 (16.24)		0,46 (16.24)		0,46 (16.24)
I.D. of air inlet hose	mm (in)		8 (.31)		8 (.31)		8 (.31)
Max. Ø of grinding tip	mm (in)		25 (.98)		25 (.98)		25 (.98)
Max. Ø of grinding insert	mm (in)		12 (.47)		12 (.47)		12 (.47)
Weight of tool (without hoses) (weight of hoses 0,5 kg)	kg (lbs)		0,48 (1.06)		0,57 (1.25)		0,48 (1.06)
Dimensions Ø DxL	mm (in)		37x195 (1.5x7.6)		37x248 (1.5x9.8)		37x203 (1.5x7.99)
Air connection			Nipple		Nipple		Nipple

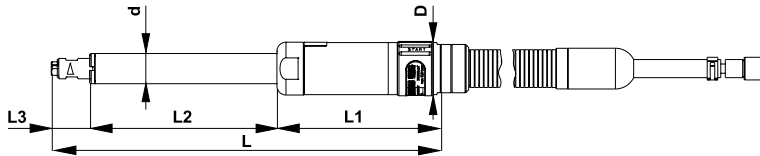
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number		
Collet Ø 6 mm	6014315	6014315	
Collet Ø 8 mm			830704
Nut	310007	310007	
Spanner 10 mm	800402	800402	
Spanner 12 mm			800403
Spanner 14 mm	800410	800410	800410
Plug 25SF AK17 SXN	6072224	6072224	6072224
Threaded fitting G1/4" 8 mm	6074628	6074628	6074628

Optional Accessories:	Part Number		
Collet Ø 3 mm	6014316	6014316	
Collet Ø 4 mm	6014318	6014318	
Collet Ø 5 mm	6014319	6014319	
Collet Ø 6 mm			827910
Collet Ø 9 mm			6014291
Collet Ø 1/8"	6014320	6014320	
Collet Ø 3/16"	6014321	6014321	6014287
Collet Ø 1/4"	6014314	6014314	830705
Collet Ø 5/16"			830706
Screen 65 µm	6075645	6075645	6078645

## 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>GDS030-120VX</b>	<b>GDS030-150VX</b>	<b>GDS030-200VX</b>	<b>GDS030-230VX</b>	<b>GDS030-300VX</b>	<b>GDS030-450VX</b>		
Safety Lever, Right-rotation	Part No.	6060856A	6060852A	6060562A	6060848A	830495C	6060518A		
<b>Slender Design</b>	<b>Model</b>	<b>GDS030-120VY</b>	<b>GDS030-150VY</b>	<b>GDS030-200VY</b>	<b>GDS030-230VY</b>	<b>GDS030-300VY</b>	<b>GDS030-450VY</b>		
Twist Valve, Right-rotation	Part No.	6060855A	6060851A	6060561A	6060847A	828928E	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) (weight of hoses 0,5 kg)	kg (lbs)	0,62 (1.37)	0,62 (1.37)	0,62 (1.37)	0,62 (1.37)	0,35 (.77)	0,35 (.77)		
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) 20x38x320 (.8x1.5x12.6)	20x38x323 (.8x1.5x12.7) 20x38x320 (.8x1.5x12.6)	20x38x323 (.8x1.5x12.7) 20x38x320 (.8x1.5x12.6)	20x38x323 (.8x1.5x12.7) 20x38x320 (.8x1.5x12.6)	20x35x280 (.8x1.4x11.0) 20x36x276 (.8x1.4x10.9)	20x35x280 (.8x1.4x11.0) 20x36x276 (.8x1.4x10.9)		
Length: Design X / Y		X Y	X Y	X Y	X Y	X Y	X Y	X Y	X Y
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) 12 (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		

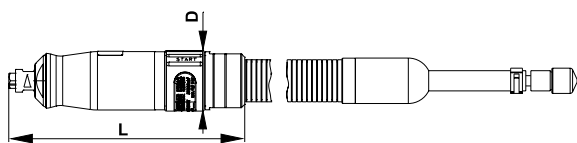
Specifications at 90 psi (6,3 bar)

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		830496C			
<b>Krátké provedení</b>	<b>Part No.</b>	<b>GDS 030-300SY</b>		<b>GDS 030-450SY</b>			
Twist Valve, Right-rotation		830495D		830496D			
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			

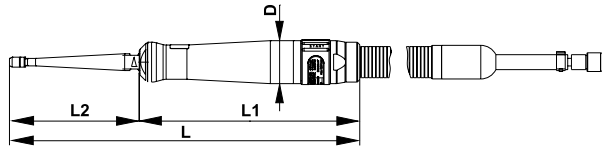
Specifications at 90 psi (6,3 bar)

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

<b>Optional Accessories:</b>	<b>Part Number</b>
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> Safety Lever, Right-rotation	<b>Model</b>	<b>GDS 030-300QX</b>	
	<b>Part No.</b>	6060906A	
<b>Design with Extended Spindle</b> Twist Valve, Right-rotation	<b>Model</b>	<b>GDS 030-300QY</b>	
	<b>Part No.</b>	6060904A	
Speed (no load)	min <sup>-1</sup>	30 000	
Max. power output	W	300	(.40)
Air consumption (no load)	m <sup>3</sup> /min	0,45	(15.89)
I.D. of air inlet hose	mm	6	(.24)
Max. Ø of grinding tip	mm	10	(.39)
Max. Ø of grinding insert	mm	6	(.24)
Weight of tool (without hoses) (weight of hoses 0,5 kg)	kg	0,40	(.88)
Length of supply/exhaust hose	m	2 / 1,25	(6.6/4.1)
Dimensions Ø DxL	mm	35x284	(1.38x11.2)
		36x281	(1.42x11)
Length L1	mm	180	(7.08)
		177	(6.97)
Length L2	mm	104	(4.09)
Air connection		Nipple	

Specifications at 90 psi (6,3 bar)

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

**DEPRAG**  
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Specifications subject to change without prior notice