



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 burs 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 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

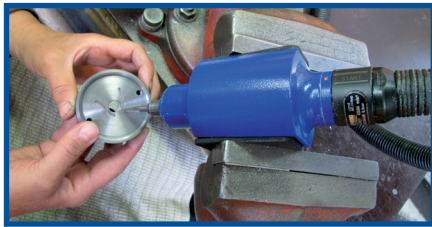
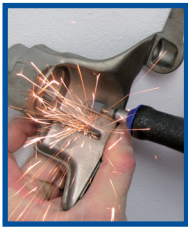
The Ergonomic design of the housing and the surface treatment of the grip allows a continued and low-fatigue operation.

Highly durable

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

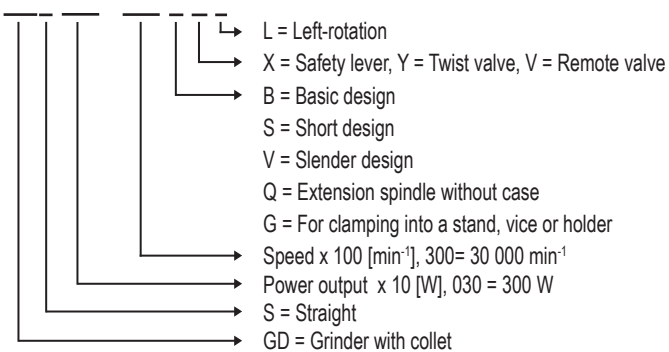
Efektivita

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.



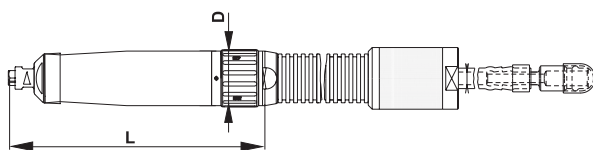
TYPE KEY

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	
Basic Design	Model	GDS 030-120BX	GDS 030-150BX	GDS 030-200BX	GDS 030-230BX	GDS 030-300BX	GDS 030-450BX
Safety Lever, Right-rotation	Part-No.	6060854A	6060850A	6060560A	6060846A	830495A	830496A
Basic Design	Model	GDS 030-120BY	GDS 030-150BY	GDS 030-200BY	GDS 030-230BY	GDS 030-300BY	GDS 030-450BY
Twist Valve, Right-rotation	Part-No.	6060853A	6060849A	6060559A	6060845A	830495B	830496B
Speed (no load)	min ⁻¹ (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 ³ /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 ³ /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)	38x194 (1.5x7.6)	38x194 (1.5x7.6)	38x194 (1.5x7.6)	34,5x174 (1.4x6.9)	34,5x174 (1.4x6.9)
		38x192 (1.5x7.6)	38x192 (1.5x7.6)	38x192 (1.5x7.6)	38x192 (1.5x7.6)	36x170 (1.4x6.7)	36x170 (1.4x6.7)
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	Nipple

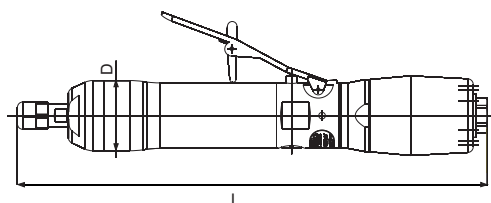
Specifications at 90 psi (6,3 bar)

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), Basic Design

Basic Design - with Speed Regulator



		With Speed Regulator			
Slender Design	Model	GDS 030-180BXE		GDS 030-250BXES	
Safety Lever, Right-rotation	Part No.	6061300A		6061300B	
Speed (no load)	min ⁻¹ (rpm)	18 000		25 000	
Max. power output	W (hp)	300 (.40)		300 (.40)	
Air consumption (loaded)	m ³ /min (cfm)	0,18 (6.36)		0,29 (.12.71)	
Air consumption (no load)	m ³ /min (cfm)	0,46 (16.24)		0,46 (16.24)	
I.D. of air inlet hose	mm (in)	8 (.31)		8 (.31)	
Max. Ø of grinding tip	mm (in)	25 (.98)		25 (.98)	
Max. Ø of grinding insert	mm (in)	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)	
Dimensions Ø DxL	mm (in)	37x195 (1.5x7.6)		37x248 (1.5x9.8)	
Air connection		Nipple		Nipple	

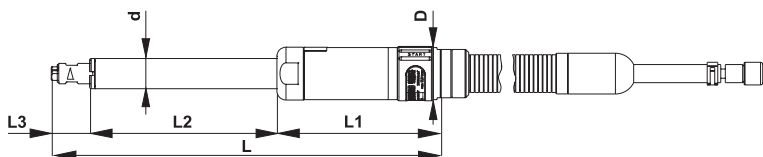
Specifications at 90 psi (6,3 bar)

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

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
Screen 65 µm	6075645

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	
Slender Design	Model	GDS 030-120VX	GDS 030-150VX	GDS 030-200VX	GDS 030-230VX	GDS 030-300VX	GDS 030-450VX
Safety Lever, Right-rotation	Part No.	6060856A	6060852A	6060562A	6060848A	830495C	6060518A
Slender Design	Model	GDS 030-120VY	GDS 030-150VY	GDS 030-200VY	GDS 030-230VY	GDS 030-300VY	GDS 030-450VY
Twist Valve, Right-rotation	Part No.	6060855A	6060851A	6060561A	6060847A	828928E	6060517A
Speed (no load)	min ⁻¹ (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 ³ /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 ³ /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) 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
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)	131127 (5.2) (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)
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)
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	Nipple

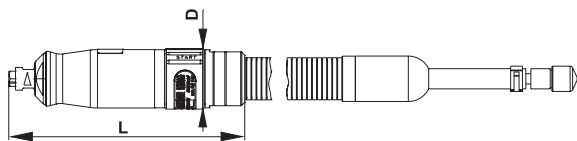
Specifications at 90 psi (6,3 bar)

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			
Short Design	Model	GDS 030-300SX	GDS 030-450SX
Safety Lever, Right-rotation	Part No.	6060516A	830496C
Krátké provedení	Part No.	GDS 030-300SY	GDS 030-450SY
Twist Valve, Right-rotation		830495D	830496D
Speed (no load)	min ⁻¹ (rpm)	30 000	45 000
Max. power output	W (hp)	300 (.40)	300 (.40)
Air consumption (no load)	m ³ /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) 36x140 (1.4x5.5)	35x143 (1.4x5.6) 36x140 (1.4x5.5)
Air connection		Nipple	Nipple

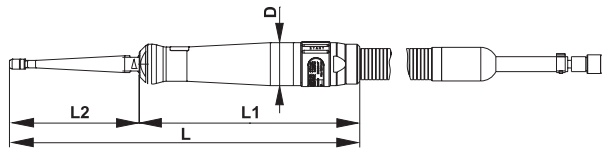
Specifications at 90 psi (6,3 bar)

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			
Design with Extended Spindle Safety Lever, Right-rotation	Model Part No.	GDS 030-300QX 6060906A	
Design with Extended Spindle Twist Valve, Right-rotation	Model Part No.	GDS 030-300QY 6060904A	
Speed (no load)	min ⁻¹	30 000	
Max. power output	W	300 (.40)	
Air consumption (no load)	m ³ /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



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Specifications subject to change without prior notice