



Screwdriving Technology

Automation

Air Motors

Air Tools



## Air Grinders with Collets

**Inline Design - Power Output: 700 W (.94 HP)**

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

Our powerful die-grinders are designed to fulfil the highest quality demands when they are used on industrial applications.

The integrated, reaction-fast speed regulator, which keeps the speed steady under load, allows for an optimal metal cutting.

The robust 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. These grinders are well-suited for the deburring and polishing of welding seams and for the processing of casted parts. The grinders that feature an extended spindle, are ideal for the cleaning of pipes and for the grinding in hard-to-reach areas. Please Note: when using these grinders for pipe-cleaning, attach lamellar sanding discs or wire brushes only! We offer die grinder with reduced speed especially for the grinding or polishing with grinding or polishing disks.



## 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 handle 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-fabrications.

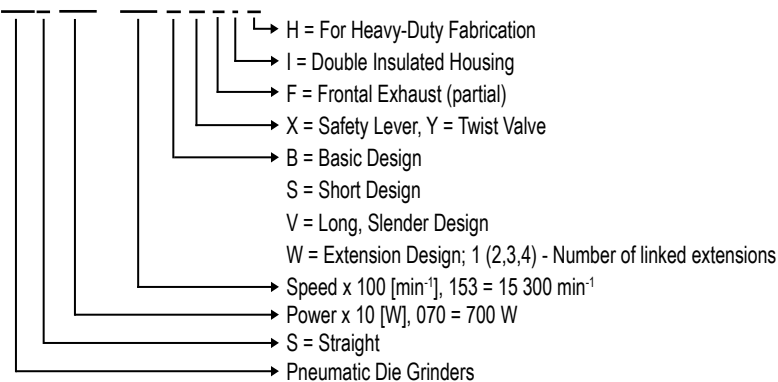
### Efficiency

DEPRAG INDUSTRIAL air grinders are equipped with a speed regulator, which keeps the speed of the tool constant, even if the tool is operated at maximum load. The speed-regulator allows the adjustment of the peripheral speed and this allows the maximum speed potential to be used for any given application. The robust construction of the grinder assures a high lifespan even in continued operations.



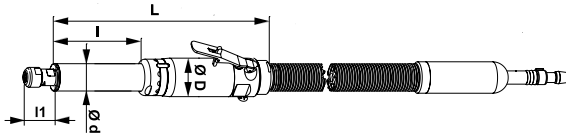
## TYPE KEY

### GDS 070 - 153 B X F I H



## SPECIFICATIONS - BASIC DESIGN - 700 W (.94 HP)

**Basic Design - for the grinding with grinding tips or for the milling with grinding inserts (carbide cutters) for all industrial areas (foundries, automotive industry, etc.). Our air grinders are well-suited for the treatment of plastic and metals. Equipped with an integrated speed regulator.**



Safety Lever

Also with Twist Valve Supplied.

		Safety Lever			
Basic Design B	Model Part No.	GDS070-120BXI 6060606A	GDS070-153BXI 6060573A	GDS070-190BXI* 6060587A	GDS070-230BXI 6060566A
Basic Design B.F, Frontal Exhaust (partial)	Model Part No.	-	GDS070-153BXFI 6060588A	GDS070-190BXFI 6060589A	GDS070-230BXFI 6060590A
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	15 300	19 000	23 000
Max. power output	W (hp)	700 (.94)	700 (.94)	700 (.94)	700 (.94)
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,4/0,7 (14.1/24.7)	0,28/0,7 (9.9/24.7)	0,35/0,7 (12.4/24.7)	0,5/0,7 (17.7/24.7)
I.D. of air inlet hose	mm (in)	12 (.47)	10 (.39)	10 (.39)	10 (.39)
Max. Ø of grinding tip	mm (in)	50 (1.97)	35 (1.38)	35 (1.38)	35 (1.38)
Max. Ø of grinding insert	mm (in)	16 (.63)	16 (.63)	16 (.63)	16 (.63)
Weight (without hoses)	kg (lbs)	1,5 (3.3)	1,5 (3.3)	1,5 (3.3)	1,7 (3.7)
Weight of air connection 0,4 kg			1,6 (3.5)	1,6 (3.5)	1,6 (3.5)
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)
Spindle-Ø d	mm (in)	Ø33 (1.3)	Ø33 (1.3)	Ø33 (1.3)	Ø33 (1.3)
Spindle length l	mm (in)	111 (4.4)	111/128 (4.4/5.04)	111/128 (4.4/5.04)	111/128 (4.4/5.04)
Length l1	mm (in)	37 (1.5)	37 (1.5)	37 (1.5)	37 (1.5)
Dimensions ØDxL	mm (in)	Ø52x285 (2.5x11.2)	Ø47x267 (1.9x10.5) Ø47x283 (1.9x11.1)	Ø47x267 (1.9x10.5) Ø47x283 (1.9x11.1)	Ø47x267 (1.9x10.5) Ø47x283 (1.9x11.1)
Air connection		Nipple	Nipple	Nipple	Nipple

Specifications at 90 psi (6,3 bar)

\* We offer the especially for heavy-duty operations designed grinder - see side 7

		Twist Valve			
Basic Design B	Model Part No.	GDS070-120BYI 6060905A	GDS070-153BYI 6060888A	GDS070-190BYI 6060885A	GDS070-230BYI 6060886A
Basic Design B.F, Frontal Exhaust (partial)	Model Part No.	-	GDS070-153BYFI 6060887A	GDS070-190BYFI 6060889A	GDS070-230BYFI 6060890A
Speed (no load)	min <sup>-1</sup> (rpm)	12 000	15 300	19 000	23 000
Max. power output	W (hp)	700	700	700	700
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,4/0,7 (14.1/24.7)	0,28/0,7 (9.9/24.7)	0,35/0,7 (12.4/24.7)	0,5/0,7 (17.7/24.7)
I.D. of air inlet hose	mm (in)	12 (.47)	10 (.39)	10 (.39)	10 (.39)
Max. Ø of grinding tip	mm (in)	50 (1.97)	35 (1.38)	35 (1.38)	35 (1.38)
Max. Ø of grinding insert	mm (in)	16 (.63)	16 (.63)	16 (.63)	16 (.63)
Weight (without hoses)	kg (lbs)	1,5 (3.3)	1,5 (3.3)	1,5 (3.3)	1,7 (3.7)
Weight of air connection 0,4 kg			1,6 (3.5)	1,6 (3.5)	1,6 (3.5)
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)
Spindle-Ø d	mm (in)	Ø33 (1.3)	Ø33 (1.3)	Ø33 (1.3)	Ø33 (1.3)
Spindle length l	mm (in)	111 (4.4)	111/128 (4.4/5.04)	111/128 (4.4/5.04)	111/128 (4.4/5.04)
Length l1	mm (in)	37 (1.5)	37 (1.5)	37 (1.5)	37 (1.5)
Dimensions ØDxL	mm (in)	Ø52x334 (2.5x13.1)	Ø47x319 (1.9x12.6) Ø47x333 (1.9x13.1)	Ø47x319 (1.9x12.6) Ø47x333 (1.9x13.1)	Ø47x319 (1.9x12.6) Ø47x333 (1.9x13.1)
Air connection		Nipple	Nipple	Nipple	Nipple

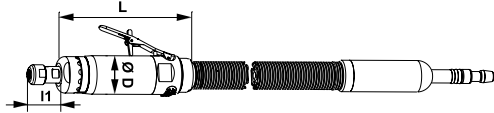
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Collet Ø 6 mm	315018
Spanner 17 mm	800405
Spanner 22 mm	800416

Optional Accessories:	Part Number
Collet Ø 8 mm	315073
Collet Ø 9 mm	315089
Collet 3/16"	315088
Collet 1/4"	315074
Collet 5/16"	315090

## SPECIFICATIONS - SHORT DESIGN - 700 W (.94 HP)

Short Design - for the grinding with grinding tips or for the milling with grinding inserts (carbide cutters) for all industrial areas (foundries, automotive industry, etc.). Our air grinders are well-suited for the treatment of plastic and metals. We offer die grinder with reduced speed for the grinding or polishing with grinding or polishing disks. Equipped with an integrated speed regulator.



Safety Lever



Also with Twist Valve Supplied.

		Safety Lever					
Short Design S	Model Part No.	GDS070-045SXI 6060608D	GDS070-070SXI 6060608A	GDS070-153SXI 6060574A	GDS070-190SXI* 6060599A	GDS070-230SXI 6060569A	
Speed (no load)	min <sup>-1</sup> (rpm)	4 500	7 000	15 300	19 000	23 000	
Max. power output	W (hp)	700 (.94)	700 (.94)	700 (.94)	700 (.94)	700 (.94)	
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,28/0,85 (9.9/30.0)	0,55/0,85 (19.4/30.0)	0,28/0,7 (9.9/24.7)	0,35/0,7 (12.4/24.7)	0,5/0,7 (17.7/24.7)	
I.D. of air inlet hose	mm (in)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	
Max. Ø of grinding tip	mm (in)	35 (1.38)	35 (1.38)	35 (1.38)	35 (1.38)	35 (1.38)	
Max. Ø of grinding insert	mm (in)	16 (.63)	16 (.63)	16 (.63)	16 (.63)	16 (.63)	
Max. Ø of grinding/polishing disk		100 (3.9)	75 (3.0)	-	-	-	
Weight (without hoses)	kg (lbs)	1,15 (2.5)	1,15 (2.5)	1,2 (2.6)	1,2 (2.6)	1,2 (2.6)	
Weight of air connection 0,4 kg							
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	
Dimensions Ø DxL	mm (in)	Ø47x218 (1.9x8.6)	Ø47x218 (1.9x8.6)	Ø47x159 (1.9x6.3)	Ø47x159 (1.9x6.3)	Ø47x159 (1.9x6.3)	
Length l1	mm (in)	38 (1.5)	38 (1.5)	38 (1.5)	38 (1.5)	38 (1.5)	
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	

Specifications at 90 psi (6,3 bar)

\* We offer the especially for heavy-duty operations designed grinder - see side 7

		Twist Valve		
Short Design S	Model Part No.	GDS070-153SYI 6060881A	GDS070-190SYI 6060882A	GDS070-230SYI 6060883A
Speed (no load)	min <sup>-1</sup> (rpm)	15 300	19 000	23 000
Max. power output	W (hp)	700 (.94)	700 (.94)	700 (.94)
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,28/0,7 (9.9/24.7)	0,35/0,7 (12.4/24.7)	0,5/0,7 (17.7/24.7)
I.D. of air inlet hose	mm (in)	10 (.39)	10 (.39)	10 (.39)
Max. Ø of grinding tip	mm (in)	35 (1.38)	35 (1.38)	35 (1.38)
Max. Ø of grinding insert	mm (in)	16 (.63)	16 (.63)	16 (.63)
Weight (without hoses)	kg (lbs)	1,4 (3.1)	1,4 (3.1)	1,4 (3.1)
Weight of air connection 0,4 kg				
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)
Dimensions Ø DxL	mm (in)	Ø47x194 (1.9/7.6)	Ø47x194 (1.9/7.6)	Ø47x194 (1.9/7.6)
Length l1	mm (in)	38 (1.5)	38 (1.5)	38 (1.5)
Air connection		Nipple	Nipple	Nipple

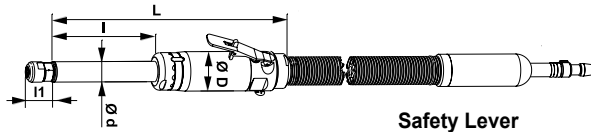
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Collet Ø 6 mm	315018
Spanner 17 mm	800405
Spanner 22 mm	800416

Optional Accessories:	Part Number
Collet Ø 8 mm	315073
Collet Ø 9 mm	315089
Collet 3/16"	315088
Collet 1/4"	315074
Collet 5/16"	315090

## SPECIFICATIONS - LONG, SLENDER DESIGN - 700 W (.94 HP)

Long, Slender Design - for the grinding with grinding tips or for the milling with grinding inserts (carbide cutters), especially in hard-to-reach casted areas. Our robust air grinders are well-suited for all industrial areas (foundries, automotive industry, etc.). They are designed for the treatment of plastic and metals. Equipped with an integrated speed regulator.



Safety Lever



Also with Twist Valve Supplied.

Long, Slender Design V	Model Part No.	Safety Lever					
		GDS070-153VXI 6060595A		GDS070-190VXI* 6060596A		GDS070-230VXI 6060597A	
Speed (no load)	min <sup>-1</sup> (rpm)	15 300		19 000		23 000	
Max. power output	W (hp)	700 (.94)		700 (.94)		700 (.94)	
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,28/0,7 (9.9/24.7)		0,35/0,7 (12.4/24.7)		0,5/0,7 (17.7/24.7)	
I.D. of air inlet hose	mm (in)	10 (.39)		10 (.39)		10 (.39)	
Max. Ø of grinding tip	mm (in)	35 (1.38)		35 (1.38)		35 (1.38)	
Max. Ø of grinding insert	mm (in)	16 (.63)		16 (.63)		16 (.63)	
Weight (without hoses)	kg (lbs)	1,5 (3.3)		1,5 (3.3)		1,5 (3.3)	
Weight of air connection 0,4 kg							
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)		2/1 (6.6/3.3)		2/1 (6.6/3.3)	
Spindle-Ø d	mm (in)	Ø24 (.94)		Ø24 (.94)		Ø24 (.94)	
Spindle length l	mm (in)	128 (5.0)		128 (5.0)		128 (5.0)	
Length l1	mm (in)	31 (1.2)		31 (1.2)		31 (1.2)	
Dimensions ØDxL	mm (in)	Ø47x306 (1.9x12.0)		Ø47x306 (1.9x12.0)		Ø47x306 (1.9x12.0)	
Air connection		Nipple		Nipple		Nipple	

Specifications at 90 psi (6,3 bar)

\* We offer the especially for heavy-duty operations designed grinder - see side 7

Long, Slender Design V	Model Part No.	Twist Valve					
		GDS070-153VYI 6060884A		GDS070-190VYI 6060879A		GDS070-230VYI 6060880A	
Speed (no load)	min <sup>-1</sup> (rpm)	15 300		19 000		23 000	
Max. power output	W (hp)	700 (.94)		700 (.94)		700 (.94)	
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,28/0,7 (9.9/24.7)		0,35/0,7 (12.4/24.7)		0,5/0,7 (17.7/24.7)	
I.D. of air inlet hose	mm (in)	10 (.39)		10 (.39)		10 (.39)	
Max. Ø of grinding tip	mm (in)	35 (1.38)		35 (1.38)		35 (1.38)	
Max. Ø of grinding insert	mm (in)	16 (.63)		16 (.63)		16 (.63)	
Weight (without hoses)	kg (lbs)	1,7 (3.7)		1,7 (3.7)		1,7 (3.7)	
Weight of air connection 0,4 kg							
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)		2/1 (6.6/3.3)		2/1 (6.6/3.3)	
Spindle-Ø d	mm (in)	Ø24 (.94)		Ø24 (.94)		Ø24 (.94)	
Spindle length l	mm (in)	128 (5.0)		128 (5.0)		128 (5.0)	
Length l1	mm (in)	31 (1.2)		31 (1.2)		31 (1.2)	
Dimensions ØDxL	mm (in)	Ø47x315 (1.9x12.4)		Ø47x315 (1.9x12.4)		Ø47x315 (1.9x12.4)	
Air connection		Nipple		Nipple		Nipple	

Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Collet Ø 6 mm	315018
Spanner 19 mm	800408
Spanner 22 mm	800416

Optional Accessories:	Part Number
Collet Ø 8 mm	315073
Collet Ø 9 mm	315089
Collet 3/16"	315088
Collet 1/4"	315074
Collet 5/16"	315090

## SPECIFICATIONS - EXTENSION DESIGN - 700 W (.94 HP)

The extended grinders are ideal for the cleaning of pipes and the grinding in hard-to-reach areas.

**PLEASE NOTE:** When using these grinders for pipe-cleaning, attach either lamellar sanding discs or wire brushes only!

The modular construction of our grinders allows to extend the spindle from 400 mm (Model W.I) to 1200 mm (Model W4.I). Adapter extension length is 200 mm.

Equipped with an integrated speed regulator.



Safety Lever

Also with Twist Valve Supplied.

		Safety Lever					
Extension Design W	Model Part No.	GDS070-153WXI 6060581A	GDS070-153W1XI 6060582A	GDS070-153W2XI 6060583A	GDS070-153W3XI 6060584A	GDS070-153W4XI 6060585A	
Speed (no load)	min <sup>-1</sup> (rpm)	15 300	15 300	15 300	15 300	15 300	
Max. power output	W (hp)	700 (.94)	700 (.94)	700 (.94)	700 (.94)	700 (.94)	
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,28/0,7 (9.9/24.7)	0,28/0,7 (9.9/24.7)	0,28/0,7 (9.9/24.7)	0,28/0,7 (9.9/24.7)	0,28/0,7 (9.9/24.7)	
I.D. of air inlet hose	mm (in)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	10 (.39)	
Max. Ø of flap wheel	mm (in)	50 (1.97)	50 (1.97)	50 (1.97)	50 (1.97)	50 (1.97)	
Max. Ø of brush wheel	mm (in)	50 (1.97)	50 (1.97)	50 (1.97)	50 (1.97)	50 (1.97)	
Weight (without hoses)	kg (lbs)	2,1 (4.6)	2,6 (5.7)	3,1 (6.8)	3,6 (7.9)	4,1 (9.0)	
Weight of air connection 0,4 kg							
Grinder-Ø	D mm (in)	47 (1.9)	47 (1.9)	47 (1.9)	47 (1.9)	47 (1.9)	
Grinder-length	M mm (in)	189 (7.4)	189 (7.4)	189 (7.4)	189 (7.4)	189 (7.4)	
Adapter extension-Ø	d mm (in)	24 (.9)	24 (.9)	24 (.9)	24 (.9)	24 (.9)	
Adapter extension length	L mm (in)	406 (16.0)	606 (23.9)	806 (31.7)	1006 (39.6)	1206 (47.5)	
Length	l1 mm (in)	34 (1.4)	34 (1.4)	34 (1.4)	34 (1.4)	34 (1.4)	
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	2/1 (6.6/3.3)	
Air connection		Nipple	Nipple	Nipple	Nipple	Nipple	

Specifications at 90 psi (6,3 bar)

		Twist Valve	
Extension Design W	Model Part No.	GDS070-153WYI 6060891A	
Speed (no load)	min <sup>-1</sup> (rpm)	15 300	
Max. power output	W (hp)	700 (.94)	
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)	0,28/0,7 (9.9/24.7)	
I.D. of air inlet hose	mm (in)	10 (.39)	
Max. Ø of flap wheel	mm (in)	50 (1.97)	
Max. Ø of brush wheel	mm (in)	50 (1.97)	
Weight (without hoses)	kg (lbs)	2,3 (5.1)	
Weight of air connection 0,4 kg			
Grinder-Ø	D mm (in)	47 (1.9)	
Grinder-length	M mm (in)	197 (7.8)	
Adapter extension-Ø	d mm (in)	24 (.9)	
Adapter extension length	L mm (in)	406 (16.0)	
Length	l1 mm (in)	34 (1.4)	
Length of supply/exhaust hose	m (ft)	2/1 (6.6/3.3)	
Air connection		Nipple	

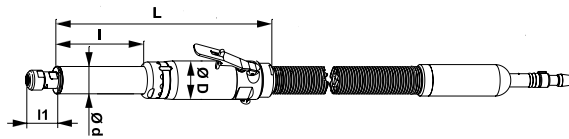
Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number
Collet Ø 6 mm	315018
Spanner 15 mm	800409
Spanner 22 mm	800416

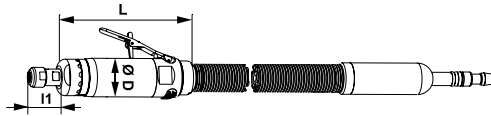
Optional Accessories:	Part Number
Collet Ø 8 mm	315073
Collet Ø 9 mm	315089
Collet 3/16"	315088
Collet 1/4"	315074
Collet 5/16"	315090

## SPECIFICATIONS - HEAVY DUTY DESIGN - 700 W (.94 HP)

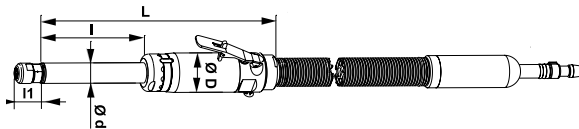
The grinders are especially designed for heavy-duty operations. We offer these grinders in basic, short, long and slender design. Equipped with an integrated speed regulator.



Basic Design



Short Design



Long, Slender Design

These models differentiate themselves from the existing models GDS 070-190 SXI,BXI,VXI mainly by the reinforced bearing support, resulting into longer duty cycles and higher load capacity of the bearings. There has also been some small changes to the spindle length.

		Basic Design		Short Design		Long, Slender Design		
Heavy duty design B...H Safety Lever		Model Part No.	GDS070-190BXIH 6060989A		GDS070-190SXIH 6060983A		GDS070-190VXIH 6060984A	
Speed (no load)	min <sup>-1</sup> (rpm)		19 000		19 000		19 000	
Max. power output	W (hp)		700 (.94)		700 (.94)		700 (.94)	
Air consumption (no load/loaded)	m <sup>3</sup> /min (cfm)		0,35/0,7 (12.4/24.7)		0,35/0,7 (12.4/24.7)		0,35/0,7 (12.4/24.7)	
I.D. of air inlet hose	mm (in)		10 (.39)		10 (.39)		10 (.39)	
Max. Ø of grinding tip	mm (in)		35 (1.38)		35 (1.38)		35 (1.38)	
Max. Ø of grinding insert	mm (in)		16 (.63)		16 (.63)		16 (.63)	
Weight (without hoses)	kg (lbs)		1,2 (3.3)		0,9 (2.0)		1,2 (3.3)	
Weight of air connection 0,4 kg			(3.5)					
Length of supply/exhaust hose	m (ft)		2/1 (6.6/3.3)		2/1 (6.6/3.3)		2/1 (6.6/3.3)	
Spindle-Ø d	mm (in)		32 (1.3)		-		24 (.94)	
Spindle length l	mm (in)		111 (4.4/5.04)		-		128 (5.0)	
Length l1	mm (in)		306 (12.04)		184 (7.24)		308 (12.13)	
Dimensions ØDxL	mm (in)		Ø47x309 (1.9x10.5) (1.9x11.1)		Ø47x189 (1.85x7.45)		Ø47x306 (1.9x12.0)	
Air connection			Nipple		Nipple		Nipple	

Specifications at 90 psi (6,3 bar)

Standard Equipment:	Part Number		
Collet Ø 6 mm	315018	315018	315018
Spanner 17 mm	800405	800405	-
Spanner 19 mm	-	-	800408
Spanner 22 mm	800416	800416	800416

Optional Accessories:	Part Number		
Collet Ø 8 mm	315073		
Collet Ø 9 mm	315089		
Collet 3/16"	315088		
Collet 1/4"	315074		
Collet 5/16"	315090		

We offer also stationary grinders. These grinders were specially developed for the stationary grinding or for assembly with another equipment into the industry environment - even when used in continued operations. Actual and detailed information may be found on our web side [www.deprag.cz](http://www.deprag.cz) or in our catalog DCZ 10165.

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machines unlimited



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Specifications subject to change without prior notice