



Screwdriving Technology

Automation

Air Motors

Air Tools



**DEPRAG**  
machines unlimited

## Air Grinders with Collets

**Inline Design - Power Output: 150 W / 270 W (.20 / .36 HP)**

- High power output at a low weight
- Ergonomic
- Highly durable

Small grinders with collets are especially well suited for the precision grinding with grinding tips and for fabricating using carbide cutters.

Ergonomic, low-weight and suitable for numerous application cases - in the tool-, die-, and mold making or in small industrial areas.

These grinders efficiently allow the fabrication of plastics, metals and casting - even when using these tools in 24/7 operations.

GDS 015-470SX



GDS 027-320SY



GDS 027-320BX



GDS 027-320BYF



## 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.

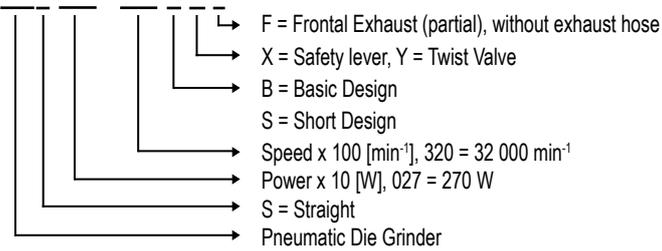
### Highly durable

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



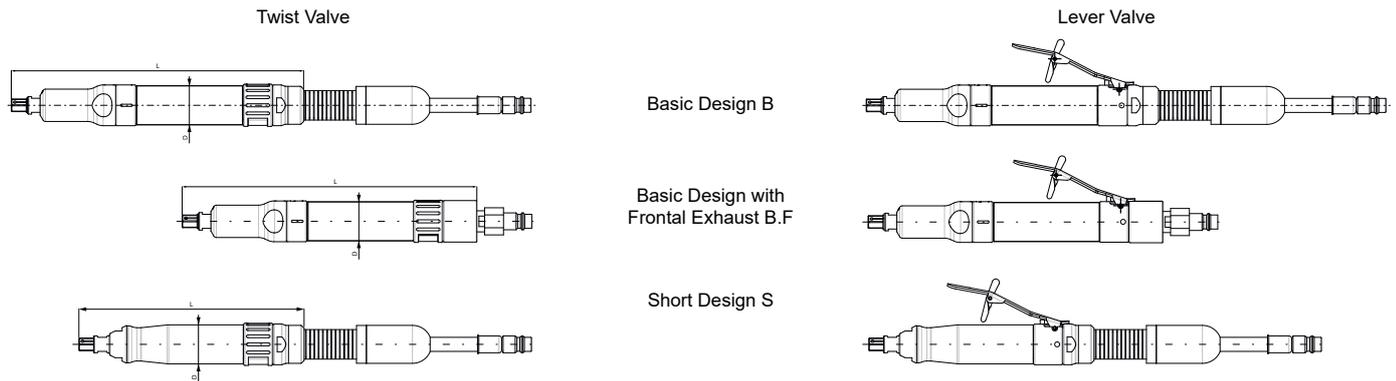
## TYPE KEY

### GDS 027 - 320 B X F



# SPECIFICATIONS - GRINDERS WITH COLLETS - INLINE DESIGN

## Design



<b>Twist Valve, Short Design</b> Air-exhaust located on the rear	<b>Model</b> Part No.	<b>GDS 015-470SY</b> 3147401D	<b>GDS 027-320SY</b> 3148457A	-	-
<b>Safety Lever, Short Design</b> Air-exhaust located on the rear	<b>Model</b> Part No.	<b>GDS 015-470SX</b> 3147401E	<b>GDS 027-320SX</b> 3148457B	-	-
<b>Twist Valve, Basic Design</b> Air exhaust located on the rear (B.) Frontal exhaust - partial (B.F)	<b>Model</b> Part No.	-	-	<b>GDS 027-320BY**)</b> 3148457C	<b>GDS 027-320BYF*)</b> 3148457F
<b>Safety Lever, Basic Design</b> Air exhaust located on the rear (B.) Frontal exhaust - partial (B.F)	<b>Model</b> Part No.	-	-	<b>GDS 027-320BX**)</b> 3148457D	<b>GDS 027-320BXF*)</b> 3148457G
Speed (no load)	min <sup>-1</sup> (rpm)	47 000	32 000	32 000	32 000
Max. power output	W (hp)	150 (.20)	270 (.36)	270 (.36)	270 (.36)
Air consumption (no load)	m <sup>3</sup> /min (cfm)	0,34 (12.00)	0,39 (13.77)	0,39 (13.77)	0,45 (15.89)
Air consumption (load)	m <sup>3</sup> /min (cfm)	0,23 (8.12)	0,3 (10.6)	0,3 (10.6)	0,3 (10.6)
I.D. of air inlet hose	mm (in)	6 (.24)	6 (.24)	6 (.24)	6 (.24)
Max. Ø of grinding tip	mm (in)	16 (.63)	25 (.98)	25 (.98)	25 (.98)
Max. Ø of grinding insert	mm (in)	6 (.24)	10 (.39)	10 (.39)	10 (.39)
Weight (without hoses)	kg (lbs)	0,26 (.57)	0,34 (.79)	0,42 (.93)	0,54 (1.19) 0,61 (1.34)
Length of supply / exhaust hose	m	2 / 0,75	2 / 0,75	2 / 0,75	-
Dimensions Ø DxL	mm (in)	30x148 (1.18x5.83)	30x159 (1.18x6.23)	30x20 (1.18x8.11)	30x209 (1.18x8.23)
Air connection		Hose nozzle (Part No. 6015339)	Hose nozzle (Part No. 6015339)	Hose nozzle (Part No. 6015339)	Hose nozzle (Part No. 323214)

Specifications at 90 psi (6,3 bar)

\*) without exhaust hose  
\*\*) with exhaust hose

Standard Equipment:	Part Number
Collet Ø 6 mm	312688
Spanner 9 mm	800401
Spanner 10 mm	800402
Quick release coupling	- - - 804251
Optional Accessories:	Part Number
Collet Ø 3 mm	312681
Collet Ø 4 mm	312684
Collet Ø 5 mm	312686
Collet Ø 6 mm	312688
Collet Ø 1/8" (3,175 mm)	312682
Collet Ø 1/4" (6,35 mm)	312689

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Specifications subject to change without prior notice