

Screwdriving technology

Automation

Air motors

Air tools



Air Grinders with Collets

**Angle-Head Design - Power Output: 130 W, 300 W, 700 W
(.17 / .40 / .94 HP)**

- highest power output at a low weight
- ergonomic
- highly durable

Our 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-industries 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.



GDA 013-550SY



GDB 030-450SX



GDA 030-180SX



GDA 070-190BX



GDA 030-300BY



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.

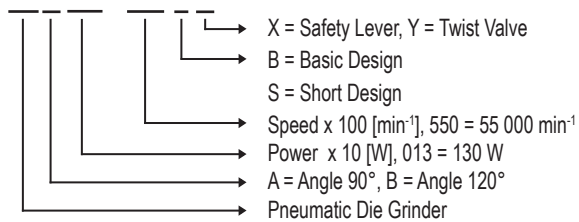
Highly durable

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



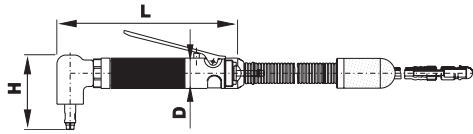
TYPE KEY

GDA 013 - 550 B X

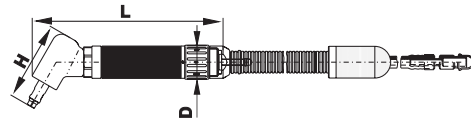


SPECIFICATIONS - GRINDERS WITH COLLETS - 130 W

Design



GDA 013-550BX



GDB 013-550BY

| | | Angle 90° | | Angle 120° | |
|-------------------------------|---------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | | Basic Design | Short Design | Basic Design | Short Design |
| Grinder with Collet | Model | GDA 013-550BX | GDA 013-550SX | GDB 013-550BX | GDB 013-550SX |
| Lever Valve | Part No. | 830494A | 6060529A | 830494C | 6060531A |
| Grinder with Collet | Model | GDA 013-550BY | GDA 013-550SY | GDB 013-550BY | GDB 013-550SY |
| Twist Valve | Part No. | 830494B | 6060528A | 830494D | 830828A |
| Speed (no load) | min ⁻¹ (rpm) | 55 000 | 55 000 | 55 000 | 55 000 |
| Max. power output | W (hp) | 130 (.17) | 130 (.17) | 130 (.17) | 130 (.17) |
| Air consumption (no load) | m ³ /min (cfm) | 0,20 (7.06) | 0,20 (7.06) | 0,20 (7.06) | 0,20 (7.06) |
| I.D. of air inlet hose | mm (in) | 5 (.20) | 5 (.20) | 5 (.20) | 5 (.20) |
| Max. Ø of grinding tip | mm (in) | 10 (.39) | 10 (.39) | 10 (.39) | 10 (.39) |
| Max. Ø of grinding insert | mm (in) | 3 (.12) | 3 (.12) | 3 (.12) | 3 (.12) |
| Length of supply/exhaust hose | m | 2 / 1 | 2 / 1 | 2 / 1 | 2 / 1 |
| Weight (without hoses) | kg (lbs) | 0,20 (.44) | 0,20 (.44) | 0,20 (.44) | 0,20 (.44) |
| Dimensions Ø DxLxH | mm (in) | Ø 30x160x68 (Ø 1.2x6.3x2.7) | Ø 30x160x56 (Ø 1.2x6.3x2.2) | Ø 30x170x68 (Ø 1.2x6.7x2.7) | Ø 30x170x56 (Ø 1.2x6.7x2.2) |
| Air connection | | Nozzle | Nozzle | Nozzle | Nozzle |

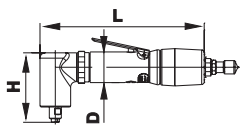
Specifications at 90 psi (6,3 bar)

| Standard Equipment: | Part Number | | | |
|---------------------|-------------|---------|--------|---------|
| Collet Ø 3 mm | 314406 | 6014304 | 314406 | 6014304 |
| Spanner 7 mm | 800400 | - | 800400 | - |
| Spanner 8 mm | - | 800399 | - | 800399 |
| Spanner 9 mm | 800401 | - | 800401 | - |
| Wrench 6/9 mm | - | 830649 | - | 830649 |
| Nozzle | 829220 | 829220 | 829220 | 829220 |

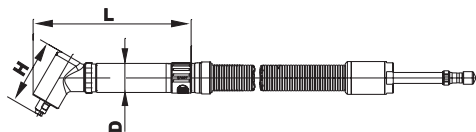
| Optional Accessories: | Part Number | | | |
|-----------------------|-------------|---------|--------|---------|
| Collet Ø 2 mm | 314693 | - | 314693 | - |
| Collet Ø 2,5 mm | - | 6014313 | - | 6014313 |
| Collet Ø 3,25 mm | 314946 | - | 314946 | - |
| Collet Ø 1/8" | 314407 | 6014311 | 314407 | 6014311 |
| Collet Ø 3/32" | 314694 | 6014313 | 314694 | 6014313 |

SPECIFICATIONS - GRINDERS WITH COLLETS - 300 W

Design



GDA 030-450SX



GDB 030-300BY

| | | Angle 90° | | | Angle 120° | |
|-------------------------------|---------------------------|--|--|--|--|--|
| Basic Design | Model | - | GDA 030-300BX | GDA 030-450BX | GDB 030-300BX | GDB 030-450BX |
| Lever Valve | Part No. | | 6060950A | 6060955A | 6060960A | 6060965A |
| Basic Design | Model | - | GDA 030-300BY | GDA 030-450BY | GDB 030-300BY | GDB 030-450BY |
| Twist Valve | Part No. | | 6060949A | 6060954A | 6060959A | 6060964A |
| Short Design | Model | GDA 030-120SX | GDA 030-300SX | GDA 030-450SX | GDB 030-300SX | GDB 030-450SX |
| Lever Valve | Part No. | 6061260A | 6060953A | 6060958A | 6060963A | 6060968A |
| Short Design | Model | GDA 030-180SX | - | - | - | - |
| Lever Valve | Part No. | 6061260B | | | | |
| Speed (no load) | min ⁻¹ (rpm) | 12 000 18 000 | 30 000 | 45 000 | 30 000 | 45 000 |
| Max. power output | W (hp) | 300 | 300 (.40) | 300 (.40) | 300 (.40) | 300 (.40) |
| Air consumption (no load) | m ³ /min (cfm) | 0,18 (6.36) 0,36 (12.71) | 0,44 (15.54) | 0,44 (15.54) | 0,44 (15.54) | 0,44 (15.54) |
| Air consumption (load) | m ³ /min (cfm) | 0,46 (16.24) | 0,48 (16.94) | 0,48 (16.94) | 0,48 (16.94) | 0,48 (16.94) |
| I.D. of air inlet hose | mm (in) | 8 (.31) | 8 (.31) | 8 (.31) | 8 (.31) | 8 (.31) |
| Max. Ø of grinding tip | mm (in) | 16 (.63) | 20 (.79) | 16 (.63) | 20 (.79) | 16 (.63) |
| Max. Ø of grinding insert | mm (in) | 6 (.24) | 6 (.24) | 6 (.24) | 6 (.24) | 6 (.24) |
| Length of supply/exhaust hose | m | - | 2/1 2/1 | 2/1 2/1 | 2/1 2/1 | 2/1 2/1 |
| Weight (without hoses) | kg (lbs) | 0,54 (1.20) | 0,48 (1.06) 0,46 (1.01) 0,52 (1.15) | 0,48 (1.06) 0,46 (1.01) 0,52 (1.15) | 0,48 (1.06) 0,46 (1.01) 0,52 (1.15) | 0,48 (1.06) 0,46 (1.01) 0,52 (1.15) |
| Dimensions Ø DxLxH | mm (in) | Ø 35x183x63 (Ø 1.4x7.2x2.5) Ø 35x183x63 (Ø 1.4x7.2x2.5) | Ø 35x172x78 (Ø 1.4x6.8x3.1) Ø 35x168x78 (Ø 1.4x6.6x3.1) Ø 35x203x78 (Ø 1.4x8.0x3.1) | Ø 35x172x78 (Ø 1.4x6.8x3.1) Ø 35x168x78 (Ø 1.4x6.6x3.1) Ø 35x203x78 (Ø 1.4x8.0x3.1) | Ø 35x191x78 (Ø 1.4x7.5x3.1) Ø 35x168x78 (Ø 1.4x6.6x3.1) Ø 35x203x78 (Ø 1.4x8.0x3.1) | Ø 35x191x78 (Ø 1.4x7.5x3.1) Ø 35x168x78 (Ø 1.4x6.6x3.1) Ø 35x203x78 (Ø 1.4x8.0x3.1) |
| Air connection | | G1/4"female | Nozzle | Nozzle | Nozzle | Nozzle |

Specifications at 90 psi (6,3 bar)

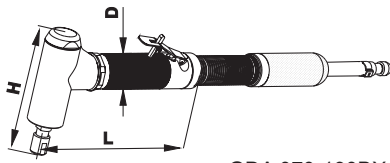
Air connection for models GDA/B 030-...BX/BY is Js 8/26/B. Design SX without air connection.

| Standard Equipment: | Part Number | | | | |
|-----------------------|-------------|---------|---------|---------|---------|
| Collet Ø 6 mm | 312688 | 830648 | 830648 | 830648 | 830648 |
| Wrench 6/9 mm | - | 830649 | 830649 | 830649 | 830649 |
| Spanner 9 mm | 800401 | - | - | - | - |
| Spanner 11 mm | - | 805491 | 805491 | 805491 | 805491 |
| Spanner 14 mm | 800410 | - | - | - | - |
| Oil, 25 ml | 6078678 | - | - | - | - |
| Nozzle (Design BX/BY) | - | 6072226 | 6072226 | 6072226 | 6072226 |
| Nozzle (Design SX) | 6072224 | 6072224 | 6072224 | 6072224 | 6072224 |

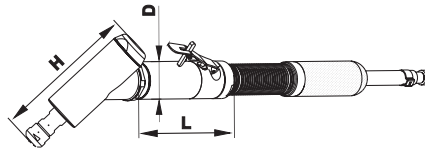
| Optional Accessories: | Part Number | | | | |
|--|-------------|--------|--------|--------|--------|
| Collet Ø 3 mm | 312681 | 830650 | 830650 | 830650 | 830650 |
| Collet Ø 4 mm | 312684 | 830702 | 830702 | 830702 | 830702 |
| Collet Ø 5 mm | 312656 | 830703 | 830703 | 830703 | 830703 |
| Collet Ø 6 mm (short design) | 3126881 | - | - | - | - |
| Collet Ø 1/8" | 312682 | 830651 | 830651 | 830651 | 830651 |
| Collet Ø 3/16" | 313947 | 830652 | 830652 | 830652 | 830652 |
| Collet Ø 1/4" | 312689 | 830653 | 830653 | 830653 | 830653 |
| Threaded adapter (1/4"20UNC) for polishing support disc | 3126884 | - | - | - | - |

SPECIFICATIONS - GRINDERS WITH COLLETS - 700 W

Design



GDA 070-190BX



GDB 070-190BX

| Basic Design, Angle 90° Lever Valve | Model Part No. | GDA 070-153BX 830497A | GDA 070-190BX 830497C | GDA 070-230BX 830497E |
|---|---------------------------|---------------------------------|---------------------------------|---------------------------------|
| Basic Design, Angle 120° Lever Valve | Model Part No. | GDB 070-153BX 830497B | GDB 070-190BX 830497D | GDB 070-230BX 830497F |
| Speed (no load) | min ⁻¹ (rpm) | 15 300 | 19 000 | 23 000 |
| Max. power output | W (hp) | 700 (.94) | 700 (.94) | 700 (.94) |
| Air consumption (no load) | m ³ /min (cfm) | 0,5 (17.66) | 0,5 (17.66) | 0,5 (17.66) |
| I.D. of air inlet hose | mm (in) | 10 (.39) | 10 (.39) | 10 (.39) |
| Max. Ø of grinding tip | mm (in) | 50 (1.97) | 50 (1.97) | 40 (1.57) |
| Max. Ø of grinding insert | mm (in) | 16 (.62) | 16 (.62) | 16 (.62) |
| Length of supply/exhaust hose | m | 2/1 | 2/1 | 2/1 |
| Weight (without hoses) | kg (lbs) | 1,0 (2.20) | 1,0 (2.20) | 1,0 (2.20) |
| Dimensions Ø DxLxH | mm (in) | Ø 41x192x151 (Ø 1.6x7.6x5.9) | Ø 41x192x151 (Ø 1.6x7.6x5.9) | Ø 41x192x151 (Ø 1.6x7.6x5.9) |
| | | Ø 41x148x151 (Ø 1.6x5.8x5.9) | Ø 41x148x151 (Ø 1.6x5.8x5.9) | Ø 41x148x151 (Ø 1.6x5.8x5.9) |
| Air connection | | Nozzle | Nozzle | Nozzle |

Specifications at 90 psi (6,3 bar)

| Standard Equipment: | Part Number |
|---------------------|-------------|
| Collet Ø 6 mm | 315018 |
| Spanner 14 mm | 800410 |
| Spanner 17 mm | 800405 |
| Nozzle | 315071 |

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

DEPRAG

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