The Choice Is Yours

Dynabrade Die Grinders Offered in a Variety of Configurations

Geared and Gearless Tool Offerings

- Geared Tools generally have higher torque levels, while gearless tools offer reduced maintenance and downtime.

Two Types of Gearing

- **Planetary gears** are inline speed reduction gears. The higher the reduction, the higher the torque levels.
- **Right angle bevel gears** turn the spindle of the machine 90° from the motor. Typically there is a speed reduction but not as high as planetary gears.

Gearless Tools

- Gearless tools have lower vibration levels due to the omission of transmitting power through gears.
- They offer longer tool life with fewer wearable parts, resulting in reduced maintenance and downtime.
- Among tools with the same horsepower rating, gearless tools will generally have lower torque levels than geared tools.
- Look for the gearless icon (right) to quickly identify a gearless model.

Exhaust and Muffler Offerings

- Choose from front exhaust, rear exhaust (with extended muffler), and rear exhaust (with standard muffler).

Front Exhaust

- Front exhaust tools direct debris away from the work surface, and do not have a sound-reducing muffler.

Rear Exhaust

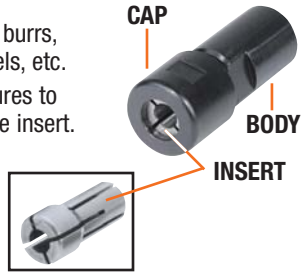
- **Extended muffler design** is ideal for larger hands, as the tool length is extended to accommodate the higher performing, dual-muffling technology.

- Abbreviated length of **standard muffler** is ideal for smaller hands.

Die Grinder Collets and Inserts *Dynabrade Die Grinders Feature Precision-Made Collets and Inserts*

Terminology

- **COLLET:** Device used to hold carbide burrs, rotary files, mounted points and wheels, etc.
- **BODY:** The part of the collet that secures to the spindle of the tool and accepts the insert.
- **CAP:** Secures collet body and retains insert.
- **INSERT:** The collapsible portion of the collet that retains the shank of the inserted tool.



Collet Assembly Types

- **Two-Piece:** Insert threads into body.
- **Three-Piece:** Insert slips into body; cap threads to body, retaining the insert.
- **Four-Piece:** Insert slips into body; cap slips over body; nut retains cap and insert.

- **Integrated:** Collet body is integrated into tool.

TOOL THREAD...	...CHOOSE COLLET...			...THEN CHOOSE COMPATIBLE COLLET INSERT *Denotes Standard Insert Included with Collet					
Tool Thread	Collet Size	Collet Part Number	Collet Type	1/8"	1/4"	3/8"	3 mm	6 mm	8 mm
3/8"-24 Male	1/4"	50010	3-Piece	50065	50013*	50014		50016	50039
	6 mm	50015	3-Piece	50065	50013	50014		50016*	50039
M8x1 Male	1/4"	50020	2-Piece	01647	01644*		01648	01646	
	1/4"	50080	3-Piece	01495	01485*		01496	01497	
	6 mm	50079	3-Piece	01495	01485		01496	01497*	
	1/4"	51124	4-Piece	01495	01485*		01496	01497	
	6 mm	51125	4-Piece	01495	01485		01496	01497*	
	3/8"	50018	3-Piece	50065	50013	50014*		50016	50039
5/16"-24 Male	1/4"	51106	4-Piece	01495	01485*		01496	01497	
	6 mm	51110	4-Piece	01495	01485		01496	01497*	
1/2"-20 Male	1/4"	50066	3-Piece	50065	50013*	50014		50016	50039
	6 mm	50073	3-Piece	50065	50013	50014		50016*	50039
1/4"-28 Female	1/4"	50055	2-Piece	50034					
Integrated Collets: .4 hp Rt. Angle Die Grinders				01495	01485		01496	01497	
Mini-Dynafile® II				01647	01644		01648	01646	