

# ROTO TECH

PRECISION ROTARY SOLUTIONS

## Roto-Grind HEAVY DUTY

Engineered for superior precision and challenging substrates



**1012HD**  
Roto-Grind  
HEAVY DUTY

The **HEAVY DUTY** Roto-Grind achieves the same ultra-precise results as the STANDARD model and engineered with added rigidity for very hard materials:

- Quartz
- Silicon Carbide
- Silicon
- Ceramics

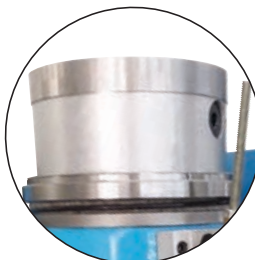
Available Options	
Air Purge	Motor & Drive Sizes
Air Bearings (for 710 models)	Magnetic Chuck
Variable Speed Ranges	Rotary Joint



Visit the Roto-Grind [HEAVY DUTY website](#) for more information



Motor Controller



Magnetic Chuck Option



Air Bearings

MODEL	TABLE DIAMETER		TABLE		STANDARD	OPTIONAL	STANDARD	ACCURACY	
	INCHES	MM	INCHES	MM	Bearing/Seal	Motor Size	RPM Range	Concentricity	Table Top
<b>HEAVY DUTY</b>									
707-7	7.00	177.8	5.250	133.4	Roller/Felt	½ & ¾ HP	0-40	0.0001"	0.0001"
710-10	10.00	254.0	5.250	133.4	Roller/Felt	½ & ¾ HP	0-35	0.0001"	0.0001"
710-12	12.00	304.8	5.250	133.4	Roller/Felt	½ & ¾ HP	0-35	0.0001"	0.0001"
710-15	15.00	381.0	5.375	135.5	Roller/Felt	½ & ¾ HP	0-35	0.0001"	0.0002"
<b>HEAVY DUTY AIR BEARING</b>									
715-15	15.00	381.0	6.750	171.5	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-18	18.00	457.0	7.000	177.8	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-20	20.00	508.0	7.000	177.8	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-22	22.00	558.0	7.250	184.2	Air Bearing	¾ HP	0-35	0.0001"	0.0002"
715-24	24.00	609.0	7.500	190.5	Air Bearing	¾ HP	3-35	0.0001"	0.0002"
<b>HEAVY DUTY SPECIAL</b>									
1012 HD	13.38	340.0	10.000	254.0	Duplex/Seal	Std 1 HP	10-175	0.0001"	0.0001"