



Ceramic Friction Disc For The Texturing Process

■ Introduction



Ceramic Friction disc is widely use in all kinds of man-made fibers spinning draw texturing process. It makes the fiber with good strength, texturing, elastic, wrap and filling power to meet clients requirements of producing high quality fiber. The work disc roughness is about Ra0.85 μ m, Ra1.0 μ m, Ra1.2 μ m, the knife disc and the polishing disc roughness is about Ra0.2-Ra0.3 μ m (the high speed machine is Ra0.2 μ m, low and medium speed machine both are Ra0.3 μ m).

Except the ceramic friction disc, Innovacera also provides used friction disc repairing and other textile machine ceramic components such as ceramic eyelets, ceramic yarn guides, ceramic roller, ceramic oil applicator, ceramic pigtail, ceramic intermingling jet plates and ceramic traverse guide for the melt spinning process, ceramic navels for open-end spinning, ceramic cutter for cutting textile threads.

■ Features

- Wear and corrosion resistance
- Chemical resistance
- Anti-static
- Uniform dyeing
- Easy maintenance
- Good Yarn Properties-equivalent to PU.
- Long service life
- Wide spinning range
- Excellent efficiency at high machine speeds



■ Ceramic Friction Disc Application

① According to Spinning Speed:

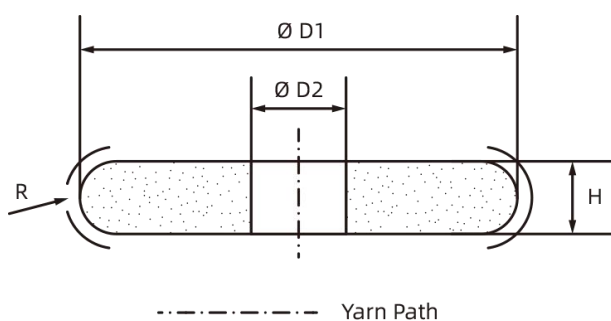
- ☑ Low-speed machine (speed: below 600 meters/minute):
868; 818; 800D; 800M; 800V texturing machine.
- ☑ Medium-speed machine (speed: 600-650 meters/minute):
850; 900; 950; 980 texturing machine.
- ☑ High-speed machine (speed: more than 650 meters/minute):
1000; 1200; 980; TMT, RPR texturing machine.

② According to Spinning Varieties:

Polyester elastic yarn, nylon elastic yarn, various composite yarns, core yarns, high elasticity twisted yarns, etc., including polyester highly lustrous, semi-dull, dull, colored yarns, cat-ionic yarns, and various network yarns.

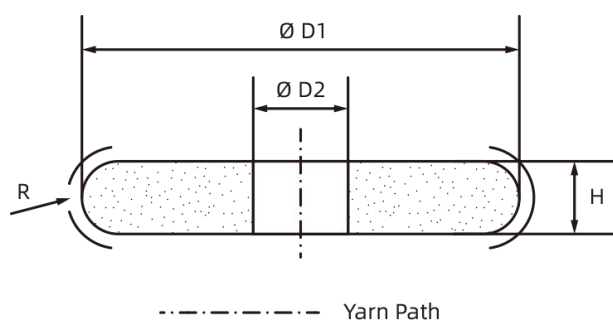


■ Ceramic Guiding Discs General Size And Technical Data



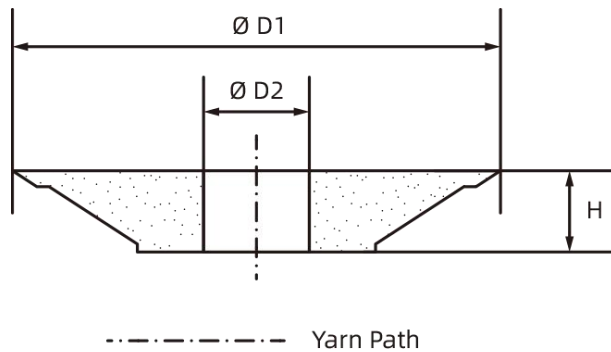
Guiding Discs

Innovacera Ref NO.	D1 (mm)	D2 (mm)	H (mm)	R (mm)
G520129	52	12	9	5.5
G496126	49.6	12	6	3.5
G450126	45	12	6	3.5



Friction Discs

Innovacera Ref NO.	D1 (mm)	D2 (mm)	H (mm)	R (mm)
F445126	44.5	12	6	2.5
F450126	45.0	12	6	3.7 or 3.5
F450129	45.0	12	9	5.5
F455126	45.5	12	6	3.7
F455166	45.5	16	6	3.7
F460166	46.0	16	6	3.5
F472106	47.2	10	6	4.5
F477129	47.7	12	9	4.5
F490129	49.0	12	9	3.5
F510126	51.0	12	6	3.3
F512126	51.2	12	6	3.3
F515129	51.5	12	9	3.3
F520169	52.0	16	9	5.5



Knife Discs

Innovacera Ref NO.	D1 (mm)	D2 (mm)	H (mm)	R (mm)
K490129	49	12	9	-
K470126	47	12	6	-
K435126	43.5	12	6	-

Our workflow is start with your needs of textile machine types, spinning variety, DTY specifications and performance requirements and then according to our professional experience, we can improve your project by material selection, size selection, friction coefficient design and your brand design. We can work together to achieve your goals by samples testing, production parameter adjustment, mass production, quality control and after sales service.



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