

MEASURING WHEELS

- Ideal Companion to Rotary Shaft Encoders and Rotary Contactors
- Wide Variety of Surface Material



Durant offers a selection of measuring wheels for use with the shaft encoders for dependable and accurate measurement. A wide variety of aluminum and steel wheels are available in three different types — knurled, rubber rim and urethane rim. Each type is available in 5/16" and 3/8" bore diameters to help you precisely meet your systems needs.

The selection of the proper wheel for your measurement system depends on the material to be measured. For cable measurement, paper and cardboard, cloth, wood, plastics, grease-free metals and other smooth finished materials rubber rim wheels prevent tearing, damage or marking. For threads and yarns, rubber, soft plastics, rough-surfaced wood and coarse heavy material, knurled aluminum rim wheels are recommended. Urethane rims are the correct choice when high speed and extremely abrasive conditions

require a high degree of wear resistance or where oil resistance is necessary. Typical applications include such materials as wire, steel sections and greased metals.

The following measuring wheels are for use with encoders and rotary contactors. The 3/8" diameter bore is recommended for use with a shaft encoder, the 5/16" diameter with rotary contactors.

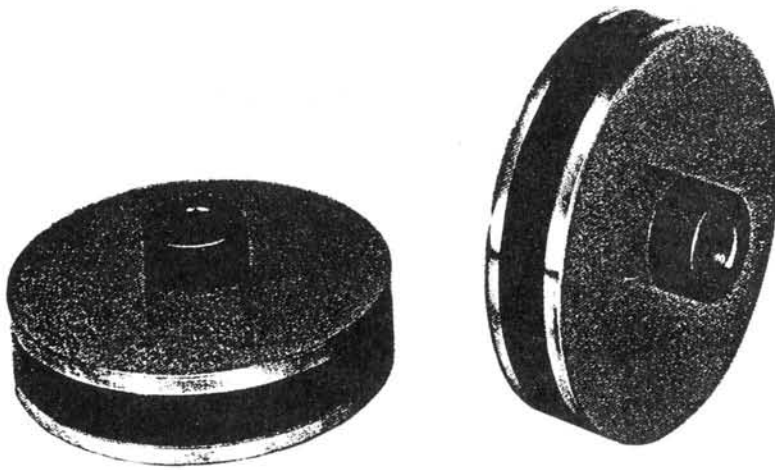
The 12" wheels measure:
 12" in circumference
 3.8197" in diameter

The 1/3 meter wheels measure:
 13.123" in circumference
 4.1772" in diameter

ORDERING INFORMATION

Model Number	Product Description
20144-300	12" Urethane Rim, 5/16" Bore
20144-303	12" Urethane Rim, 3/8" Bore
20154-300	12" Rubber Rim, 5/16" Bore
20154-301	12" Rubber Rim, 3/8" Bore
20156-300	12" Aluminum Knurled, 5/16" Bore
20156-301	12" Aluminum Knurled, 3/8" Bore
34758-300	12" Precision Hardened Steel, 5/16" Bore
34758-301	12" Precision Hardened Steel, 3/8" Bore
36074-301	1/3 Meter Rubber Rim, 5/16" Bore
36075-301	1/3 Meter Urethane Rim, 5/16" Bore

MAGNETIC MEASURING WHEEL



Model 5C962 Magnetic Counter Wheel

NOTE: Counter Wheels have an approximate magnetic loss of one-half of one percent per 100 years. The diameter is accurately ground to 3.8197 ± 0.0005 inches to measure exactly one lineal foot per revolution. The magnetic face width is 0.813 inch with a 0.500 inch long hub containing a 1/4-20 set screw. The inside diameter has a bronze bushing reamed for a 0.312 inch shaft.