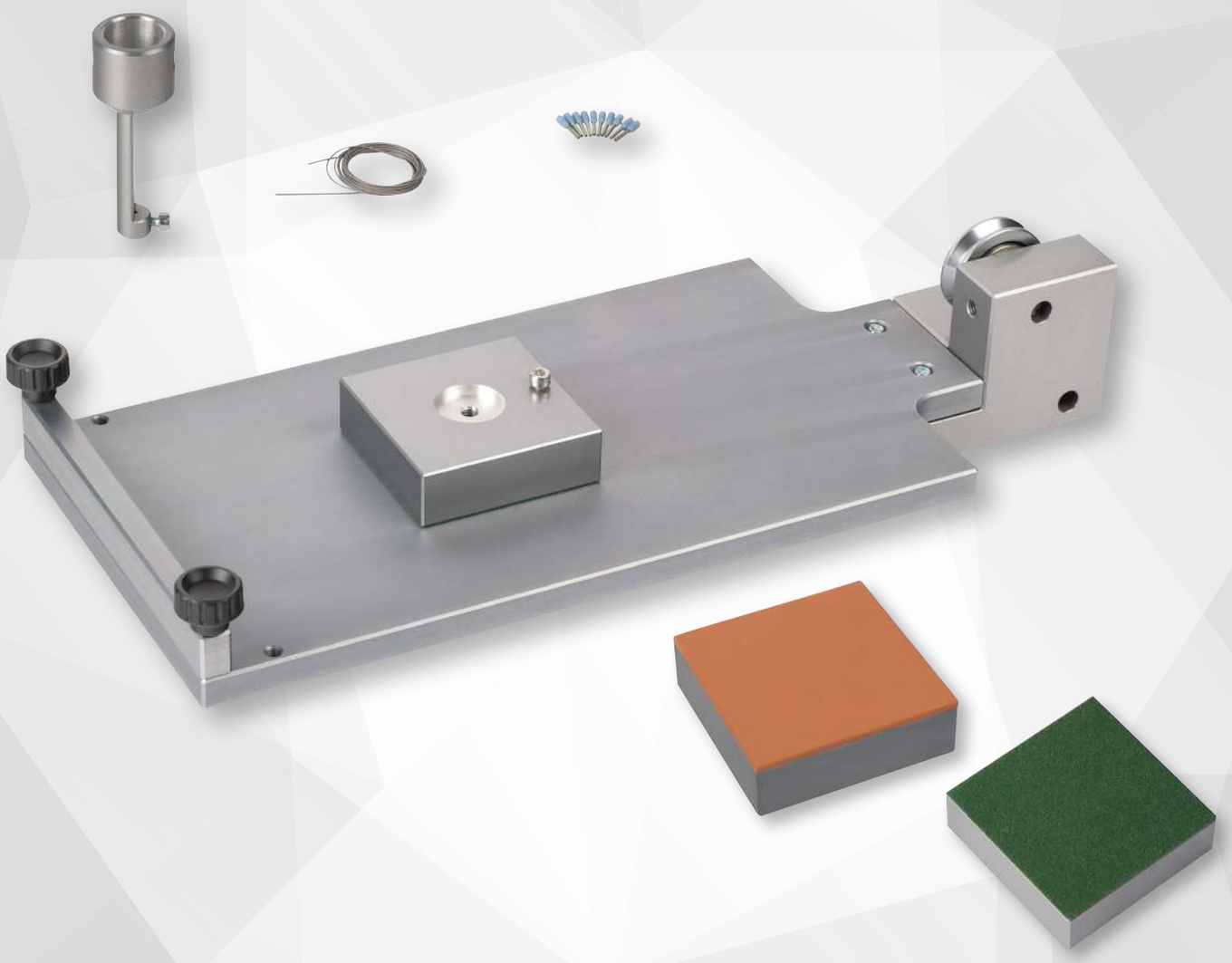


COEFFICIENT OF FRICTION

Coefficient of Friction

These Starrett test fixtures conform to ASTM , TAPPI and ISO application standards for determining the coefficient of friction on films, substrates, ceramics and slip resistant finishes.

Test fixtures include all accessories based on the associated test method.

Operation

Coefficient of friction may be measured with two different test fixtures. Both fixtures consist of a horizontal table with a moveable sled having a known mass (typically 200g). Both the table and the sled are covered with the sample under test. A cable connects to the sled and to the load cell sensor, which is attached to the test frame's crosshead. A pulley guides the cable movement ensuring that the force is measured axially.

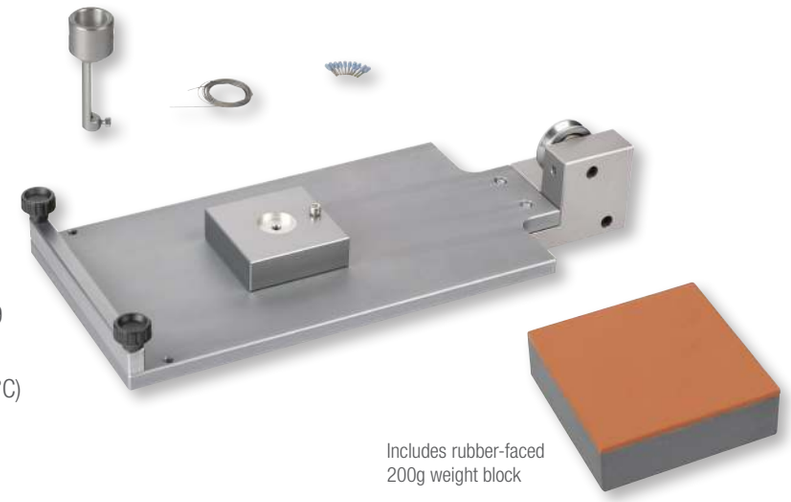
The static friction is measured as the first maximum force. The kinetic or dynamic friction is measured as an average force between two points normally measured after the static friction point.

Coefficient of friction is the measured force divided by the mass of the sled used.

Testing Standards

These testing standards may be used with Starrett COF test fixtures:

- ASTM D1894
- TAPPI T549
- ISO 8295
- DIN 55375



Includes rubber-faced 200g weight block

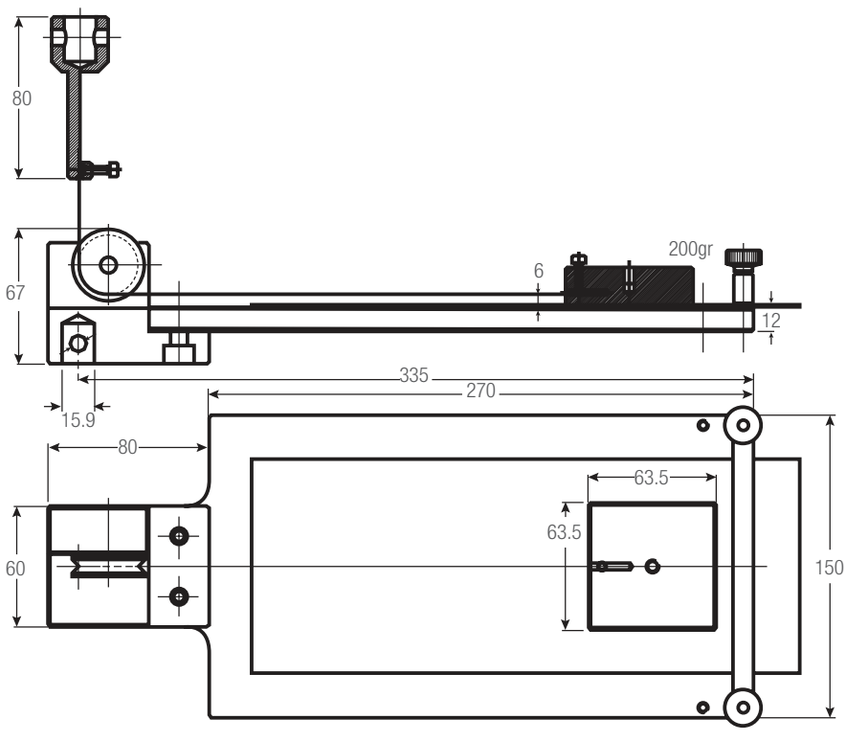
COF-ASTM

STEEL, NICKEL FINISH

- For COF testing per ASTM-D1894 or TAPPI-T549
- 200g rubber-faced sled mass
- Operating Temperatures 32° to 158°F (0° to 70°C)

Cofficient of Friction Fixture											
	Load Capacity					Platen Dimensions		Weight (each)		Clevis Type	
Model No.	N	KGF	LBF	Sled Mass (grams)	Sled Surface Material	in	mm	lbs	kgs	mm	Supply
COF62-1	500	50	110	200	Rubber	10.6 x 5.9	270 x 150	7.8	3.5	15.9	1

Dimensions

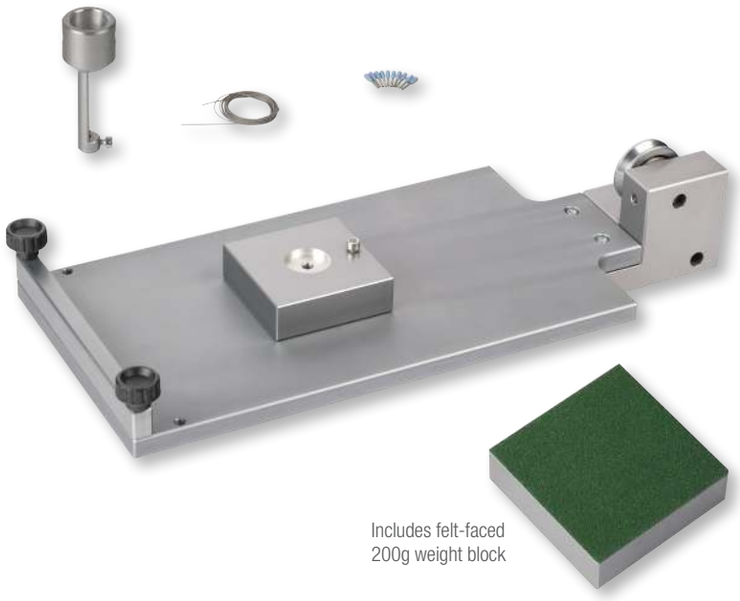


Coefficient of Friction

COF-ISO

STEEL, NICKEL FINISH

- For COF testing per ISO 8295 and DIN 53375
- 200g felt-faced sled mass
- Operating Temperatures 32° to 158°F (0° to 70°C)



Includes felt-faced 200g weight block

Cofficient of Friction Fixture

Model No.	Load Capacity N	KGF	LBF	Sled Mass (grams)	Sled Surface Material	Platen Dimensions in	mm	Weight (each) lbs	kgs	Clevis Type mm	Supply
COF62F-1	500	50	110	200	Felt	10.6 x 5.9	270 x 150	7.8	3.5	15.9	1

Dimensions