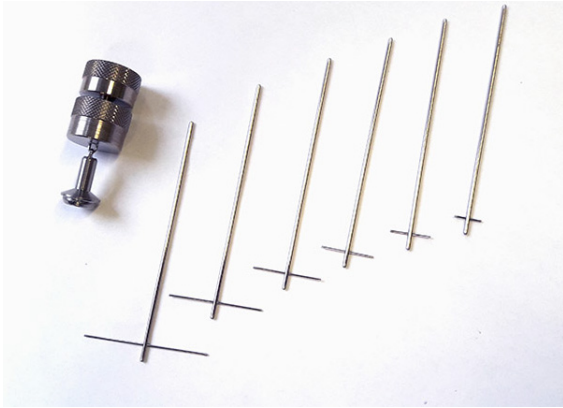


T-Bar Spindles

Spindle Set T-bar

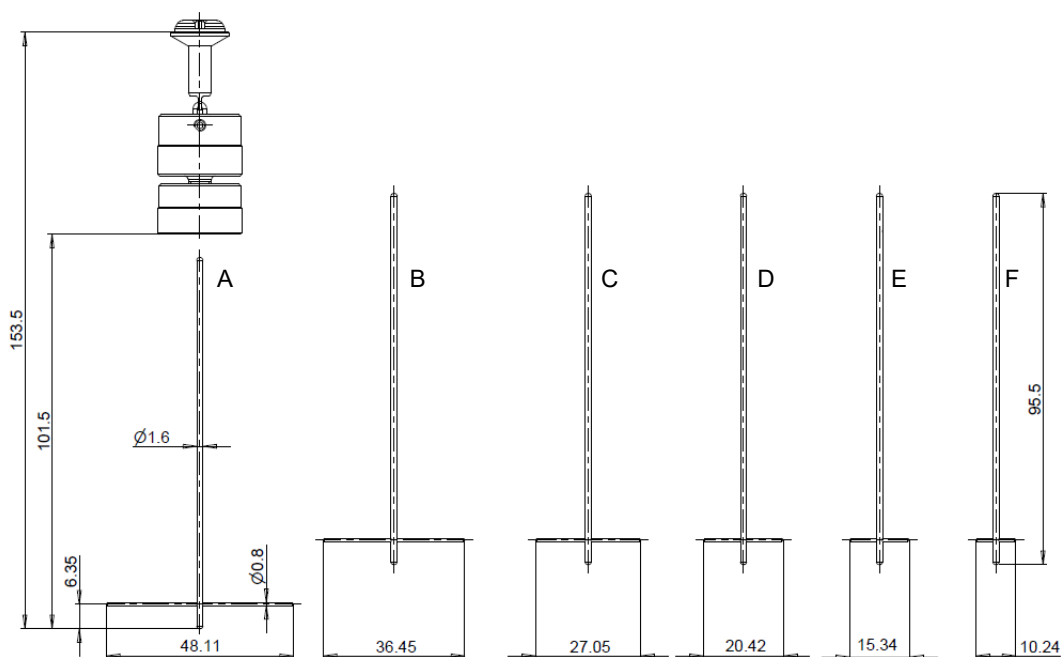


A set of 6 T-bar spindles (A to F) for measuring paste-like, non-flowing substances. Comes with one magnetic coupling for all six T-bar spindles. A weight plus a clamping mechanism is connected to the magnetic coupling. The weight pulls the spindle downwards through the sample.

Intended for measurement with the Heli-Plus Motorized stand adapter for continuous downwards movement in the sample. For use with wide-rimmed sample vessel (typically 600 mL glass beakers).

Due to their construction, T-bar spindles do not feature individual Toolmaster™ chips. Therefore, you have to select T-bar spindles manually in the ViscoQC.

The spindles are made of stainless steel AISI 316 (1.4401). The clamp plus weight is made of nickel-plated brass (CW 614 N / 2.401 / CuZn39Pb3 – Ms58). Dimensions in mm:



Measuring ranges, spindle multiplier constant (SMC) – other spindle factors do not apply				
Spindle	ViscoQC model L [mPa·s]	ViscoQC model R [mPa·s]	ViscoQC model H [mPa·s]	SMC [-]
T-A	156 to 62.5K	2K to 400K	16K to 3.2M	20
T-B	312 to 124.8K	4K to 800K	20K to 6.4M	40
T-C	780 to 312K	10K to 2M	80K to 16M	100
T-D	1.5K to 624K	20K to 4M	160K to 32M	200
T-E	3.9K to 1.5M	50K to 10M	400K to 80M	500
T-F	7.8K to 3.1M	100K to 20M	800K to 160M	1000

K (kilo) = 1 thousand / M (million) = 1 million

Recommended speed range: 0.1 rpm to 12 rpm