

MULTI-FINGER CALIPER

The North Side's Multi-Finger Caliper (MFC) is an advanced mechanical tool designed for precise measurement of wellbore tubing and casing diameters. Featuring 42 to 60 high-resolution calipers, it offers accurate assessments of internal diameter within tubular sizes ranging from 2.875 inches to 9.63 inches.



Applications

- Internal well tubular inspection at high accuracy
- Deformation, bending, holes, scale deposition of well tubular

Advantages

- 42/60 fingers in slim tool OD
- Wide range of diameters coverage
- Cost-effective solution for service companies

Tool Specifications		
Number of fingers	42	60
Tool OD	1.7 in (43 mm)	3.5 in (90 mm)
Pipe range	2 7/8 – 7 in	4 1/2 – 9 5/8 in
Accuracy	0.02 in (0.6 mm)	0.03 in (0.8 mm)
Threshold	0.002 in (0.06 mm)	
Vertical resolution	0.12 in (3 mm)	
Max operating pressure	14,500 PSI (100 MPa)	
Max operating temperature	150°C (302°F)	
Tool length	8.2 ft (2.5 m)	15.7 ft (4.8 m)
Tool weight	33.1 lbs (15.0 kg)	176.4 lbs (80.0 kg)
Optional sensors	GR, CCL	
Conveyance type	SRO (wire-line)	
H ₂ S resistance	6%	



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MFC tool data reference

