

Single Axis Tool Breakage Detection  
/ Tool Setter  
TDDS 003  
Specification Document

# CLERON TBDS 003

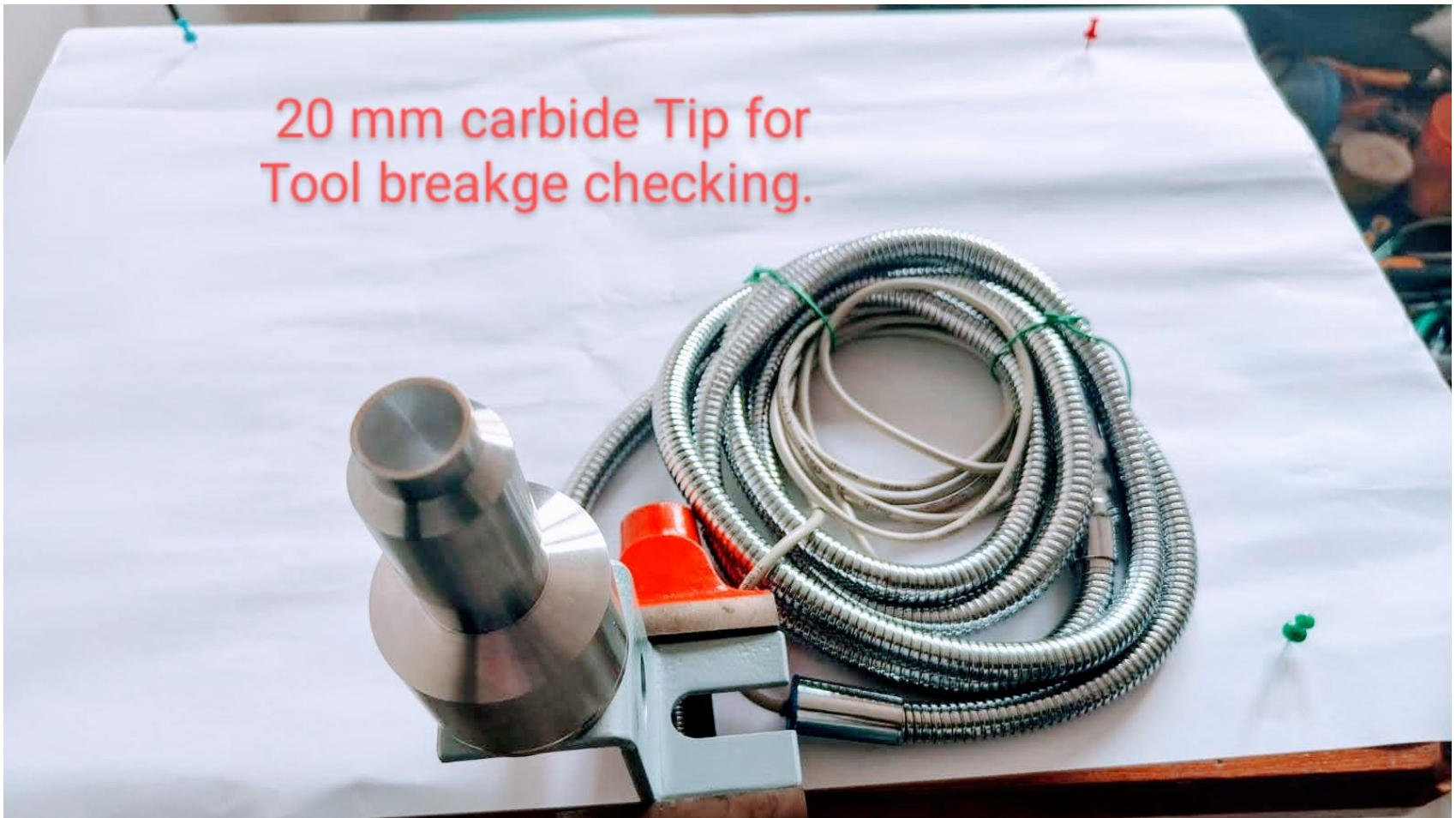
- BRAND : CLERON
- CONTACT PERSON : C.SRIDHAR
- CELL NO : 9962580995
- PRODUCT DESCRIPTION: SINGLE AXIS TOOL  
BREAKAGE DETECTION / TOOL SETTER FOR  
VMC & CNC LATHE APPLICATION .
- TARGET CUSTOMER : CNC MACHINE USERS

# APPLICATION

Usages-Tool Breakage  
detection, Tool length  
measurements in CNC  
-VMC Machines



# WEAR RESISTANT TOOL TOUCH POINT



# STANDARED MOUNTING BRACKET





# PLUNGER STROKE LENGTH

Total Travel 10  
mm, Tool breakage  
detection less than  
.5mm . over Travel  
detection less than 7  
mm .



# CASING MATERIAL

Body -Stainless steel  
Repeatability - 3  
Microns



# CABLE DETAILS & OPERATING VOLTAGE

Total cable length 6 Meters .3  
Meters Metallic hose for Cable  
Protection. 4 wired. Operating  
Voltage 24 V. Out Put 1 -Tool  
Touch Out Put 2 - Over Travel.





### Indication Lamp for Tool Touch sensing , Over Travel Sensing



# DIMENSIONS

Height 110mm  
Major Dia 54mm  
Minor Dia1 34mm  
Minor Dia2 25mm  
Mounting Hole PCD 36mm  
(M4X4)

