

**TC Drill Bit**

No. : TC/MTH/2019009  
Date: 29 August 2019

Product Specification: TC button bit R38/D76mm ESS Machined 350 pcs

Sample Batch Number: 20190729D76

Steel type: 40Cr

**Hardness Test (HRA)**

HR-150A Rockwell hardness tester

**Test Data**

Specimen No.	1	2	Standard	Qualified (Yes/ No)
Hardness (HRA)	88.0	88.0	87-89	YES

**Chemical Compositions**

	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)
Test 1	0.40	0.26	0.59	0.018	0.009	0.91
Test 2	0.42	0.27	0.61	0.020	0.015	0.94
Standard	0.37-0.44	0.17-0.37	0.50-0.80	≤0.035	≤0.035	0.80-1.10
Qualified (Yes/ No)	Yes	Yes	Yes	Yes	Yes	Yes

**Dimensions**

Specimen	Thread		Diameter (mm)	Unit weight (mm)	Length (mm)	Left/ right handed	Color
	Inside diameter	Pitch, height & profile					
Test 1	Passed	Passed	D76	1.40	80	L	Red
Test 2	Passed	Passed	D76	1.40	80	L	Red

R thread ISO 10208/ISO 1720 /T thread plant standard  
Thread pitch, height & profile: tested by calibrator + thread module

