

# CST TAPMATIC

Constant Speed Tapping Systems



## Ready To Run On A Haas More Tapped Holes In Less Time

- Increase Production Output • Reduce Cycle Time
- Increase Tap Life • Extend Machine Spindle Life • Reduce Energy Consumption • Lower Costs



RDT Ready To Run Package For Haas VF1, VF2, VF3 and VF4

Catalog No.	Includes	Capacity	Stop Block Order Separately ORDER NO.: 0 36004
3915C40658B	RDT-15 with CAT40 & Special Stop Arm # 698816	#0-#6, M1-M3	
3925C406511B	RDT-25 with CAT40 & Special Stop Arm # 698816	#4-1/4", M2.5-M6 Roll Form #10 Max	
3950C406516B	RDT-50 with CAT40 & Special Stop Arm # 698826	#10-1/2", M4.5-M12 Roll Form 3/8" Max NP 1/16", 1/8"	

NOTE: HIGH SPEED, Light Weight ER16 spindle is also available FOR RDT50. Max speed 2500 RPM.



Paul Frantz & Jeff Morgan  
Day & Night-Shift Operators  
CNH America LLC

TAPMATIC RDT50  
15-30 Minute Per Part Time Savings  
For \$15,000. COST SAVINGS



Mr. David Mathew, Designer  
Soken Engineering Ltd, UK

TAPMATIC NCRT  
50% TIME SAVINGS



Mr. Stefan Rolke, Owner  
Firma Sted GmbH, Germany

TAPMATIC RDTIC50  
CUT CYCLE TIME IN HALF  
300% LONGER TAP LIFE

Request  
FREE CD "Better  
CNC Tapping" Or  
Visit [www.tapmatic.com](http://www.tapmatic.com)  
Your Complete Tapping Information Resource.



**CST  
TAPMATIC**  
READY TO RUN ON A Haas  
More Tapped Holes, Less Time



Mr. Stefan Rolke, Owner  
Firma Sted GmbH, Germany

**APPLICATION:**

Work Piece Material: Cast Iron  
Tap Size: M6 x 1 HSS with TiN-Al coating  
Number of Holes Per Work Piece: 68

**COST SAVINGS ANALYSIS WITH TAPMATIC RDT**

**1. CYCLE TIME CUT IN HALF - PRODUCTIVITY OUTPUT INCREASED**

Original Cycle Time with Rigid Tapping: 6 minutes 34 seconds

**New Cycle Time with TAPMATIC RDT: 3 minutes 12 seconds For A Total Tapping Cycle Time Savings of 202 Seconds**

With a Machine Hourly Rate of \$50.00 per hour

**202 Seconds Per Part Time Savings Equals \$2.80 Per Part Cost Savings**

**2. TAP LIFE INCREASED 300%**

Original Tap Life with Rigid Tapping = 3000 holes per tap

68 Holes Per Work Piece = 44 parts per tap

**New Tap Life with TAPMATIC RDT 300% Increase To 9000 Holes Per Tap Or 132 Parts Per Tap**

If Tap Cost Is \$25.00 per tap:

With Rigid Tapping Tap Cost Is \$25.00 divided by 44 = .56 per part tap cost.

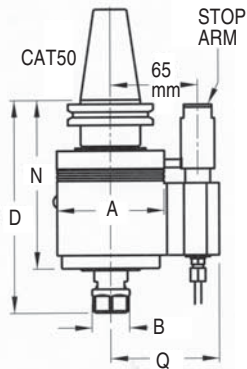
**With TAPMATIC RDT Tap Cost Is \$25.00 divided by 132 = .19 Per Part Tap Cost**

**Tap Cost Savings Equals .37 Per Part**

**3. REVERSAL RELATED MACHINE SPINDLE WEAR ELIMINATED - MACHINE SPINDLE LIFE EXTENDED**

Tapping is the only operation that requires reversal. Stopping and reversing your machine two times for every tapped hole will wear the spindle out more quickly. **What does it cost to replace a machine spindle? What does it cost you in lost production time to have your machine down?**

**RDT For Haas Machines With 65mm Offset and CAT40 Shank And Steel Collet Spindle**



Capacity In 1010 Mild Steel	Model Model	Shank	Collet Series	*Rec. Max. Speed	Weight	A	B	D	N	Q
#0-#6 M1-M3	RDT-15	CAT 40	#8	6000 RPM	4.7 Lb. 2.1 Kg.	2.250 57.1mm	.465 11.8mm	5.30 132mm	4.47 114mm	3.184 81mm
#4-1/4" M2.5-M6 Roll Form #10 Max	RDT-25	CAT 40	#11	3500 RPM	4.7 Lb. 2.1 Kg.	2.250 57.1mm	.750 19mm	5.55 141mm	4.47 114mm	3.184 81mm
#10-1/2" M4.5-M12 Roll Form 3/8" Max NP 1/16", 1/8"	RDT-50	CAT 40	#16	2000 RPM	8.1 Lb. 3.7 Kg.	3.150 80mm	1.070 27mm	6.31 160mm	5.00 127mm	3.184 81mm

DISTRIBUTED BY:

**CST**  
**TAPMATIC**  
**READY TO RUN ON A Haas**  
**More Tapped Holes, Less Time**