



# CTR

CARBIDE TIPPED RECIPIS

METAL  
CUTTING

**MORSE**





# CTR CARBIDE TIPPED METAL CUTTING RECIPIS

**THE BEST CHOICE FOR THICK METAL CUTTING  
APPLICATIONS BETWEEN 3/16" AND 1/2".  
THIS HIGH PERFORMANCE BLADE PROVIDES LONGER  
CUTTING LIFE OVER TRADITIONAL BI-METAL BLADES.**

## FEATURES

### MORE COST EFFECTIVE

### WC GRADE CARBIDE TIPS

### PRECISION GROUND CARBIDE TEETH

### 1" x .050 BLADE

### UNIVERSAL TANG

## BENEFITS

Outlasts bi-metal reciprocating blades in tough metals.

Long life and superior cutting performance in stainless steel and other tough metals.

Less vibration, faster cutting, longer life than traditional bi-metal reciprocating blades in tough metals.

Straighter cuts and less vibration with reduced fatigue for the operator.

Fits all standard reciprocating saws.

MADE IN U.S.A.



### UNIVERSAL TANG

fits all standard reciprocating saws

### RIGID BLADE BODY

1" (25.4mm) x .050" (1.3mm) Thick produces superior cutting performance



**WC GRADE  
CARBIDE TIPS**  
for superior metal cutting

**8 TEETH**  
per inch

**NOSE TIP**  
for corner cuts



**WARNING  
ADVERTENCIA**



# TECHNOLOGY MEETS TOUGHNESS

# TARGET CUSTOMERS



**PLUMBING  
CONTRACTORS**



**ELECTRICAL  
CONTRACTORS**



**HVAC  
CONTRACTORS**



**FIRE + RESCUE**



**GENERAL  
CONTRACTORS**



**IRON WORKERS**



**SHEET METAL  
CONTRACTORS**



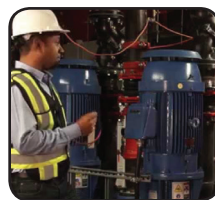
**METAL BUILDING  
CONTRACTORS**



**STEEL FRAMING  
CONTRACTORS**

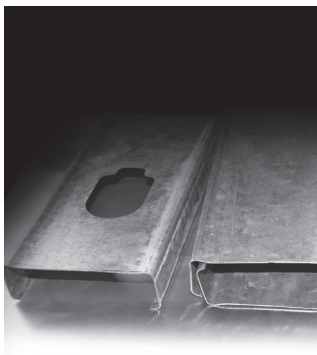


**PLANT  
MAINTENANCE**

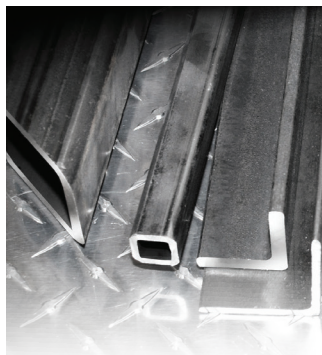


**MECHANICAL  
CONTRACTORS**

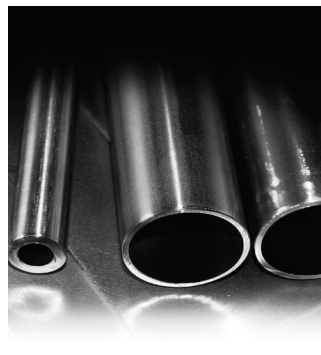
# CUTTING APPLICATIONS



**METAL STUDS**



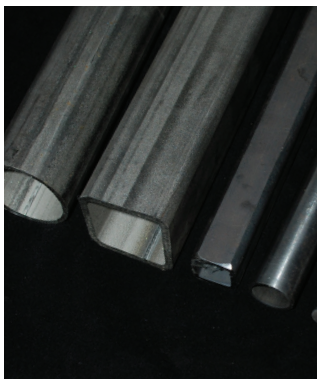
**TUBING/STRUCTURAL**



**STAINLESS**



**NON-FERROUS**



**STEEL**



**REBAR**



**CAST IRON**



**REINFORCED RUBBER**

# TECHNOLOGY MEETS TOUGHNESS



### **Why is M. K. Morse introducing the New **CTR** reciprocating blade?**

- ▼ Morse is seizing the opportunity to introduce our advanced carbide tip technology used in our CTR blades into an emerging market that has had little competition other than Diablo® metal cutting blades. M. K. Morse will be the company offering a complete cutting solution for distribution.

### **Can you cut other materials, like wood, with the New M. K. Morse **CTR** reciprocating blade?**

- ▼ **Yes.** You can use the new CTR Blades (wood, fiber cement, reinforced rubber hose, etc...) intermittently, but we recommend that they be used primarily for metal cutting.

### **How do I get Maximum Life out of my **CTR** blades?**

- ▼ Reciprocating machine must be set for a **Straight Cutting Stroke**
  - Should not be set on Orbital Cutting – this will damage the CTR Blade
- ▼ If the Reciprocating Machine has an adjustable Speed Setting
  - Set to Maximum Speed
- ▼ Set the Machine Shoe snug up against the material being cut
- ▼ Start the machine at half speed before engaging the material
  - Once engaged in the material you can increase to Full Speed
- ▼ You can apply average downward pressure into the material

### **Do the **CTR** blades fit all Reciprocating Saw Machines in the Market?**

- ▼ **Yes.** The Morse CTR blades fit all major branded corded & cordless reciprocating saw machines (Milwaukee®, DeWalt®, Makita®, etc...).

### **What will be the blade offering for the M. K. Morse **CTR** line?**

- ▼ **4"** – CTR408MC1 (Part# 405201) – 1 Blade/Card
- ▼ **6"** – CTR608MC1 (Part# 405218) – 1 Blade/Card
- ▼ **9"** – CTR908MC1 (Part# 405225) – 1 Blade/Card
- ▼ **12"** – CTR1208MC1 (Part# 405232) – 1 Blade/Card

**CTR reciprocating blades are available in single (1) blade packaging as well as 5 and 15 packs.**

### **Why use Carbide Tipped Recips vs. Standard Bi-Metal Blades?**

- ▼ Morse Carbide Tipped Recips are designed with High Performance Carbide Tipped Teeth that provide more cuts per blade in addition to faster cut times than Standard Bi-Metal Recips in difficult to cut materials.

# **TECHNOLOGY MEETS TOUGHNESS**

ALL NEW

MORSE

CTR

MADE IN U.S.A.



## PRODUCT OFFERING



TPI	LENGTH	WIDTH	THICKNESS	LENGTH (MM)	WIDTH (MM)	THICKNESS (MM)	MODEL #	PART #	QTY/PACK
8	4"	1"	0.050"	102	25	1.30	CTR408MC1	405201	1
8	6"	1"	0.050"	152	25	1.30	CTR608MC1	405218	1
8	6"	1"	0.050"	152	25	1.30	CTR608MC5	405751	5
8	6"	1"	0.050"	152	25	1.30	CTR608MC15	405782	15
8	9"	1"	0.050"	229	25	1.30	CTR908MC1	405225	1
8	9"	1"	0.050"	229	25	1.30	CTR908MC5	405768	5
8	9"	1"	0.050"	229	25	1.30	CTR908MC15	405799	15
8	12"	1"	0.050"	305	25	1.30	CTR1208MC1	405232	1
8	12"	1"	0.050"	305	25	1.30	CTR1208MC5	405775	5
8	12"	1"	0.050"	305	25	1.30	CTR1208MC15	405805	15



## CARBIDE TIPPED METAL CUTTING RECIPS

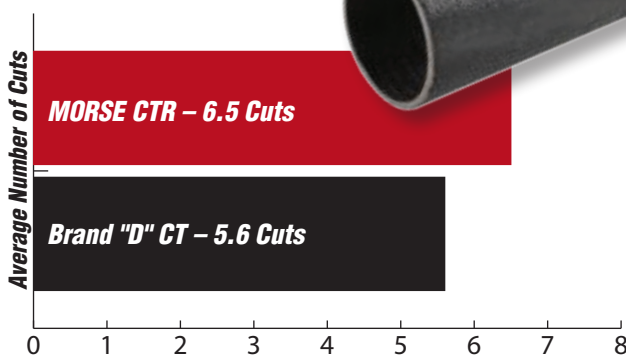


# CUTTING TEST RESULTS



## CAST IRON

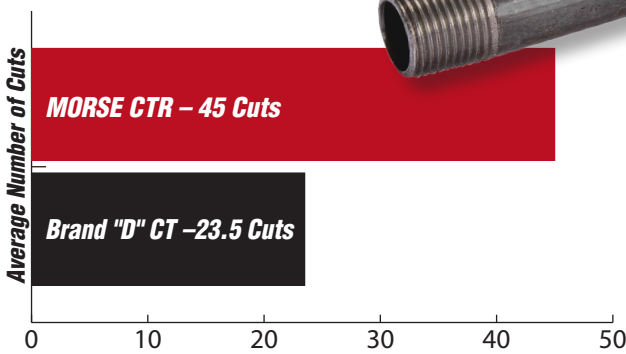
2" X 1/4" Tube



**Lasts LONGER  
Cuts FASTER**

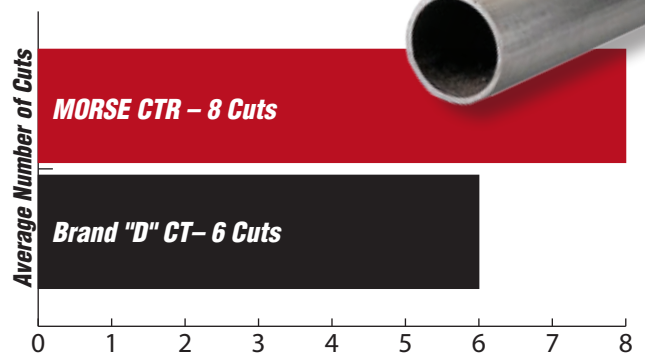
## SCHEDULE 40 PIPE

2" X 1/8" Wall



## STAINLESS STEEL

2" X 1/8" 304 SS Tube



Data is based on The M. K. Morse Company Internal Testing, using the same criteria for each blade used.

# BEFORE WE GET STARTED **REMEMBER...**

## SAFETY FIRST



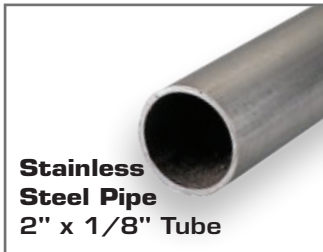
## WARNING



1. All participants / viewers should wear appropriate eye and hearing protection.
2. All viewers of the demonstration should stand back from the immediate cutting area.
3. Demonstrator should clearly explain the use of the power tool and accessories prior to the participant attempting the demonstration.
4. Demonstrator should clear the area of unnecessary debris.

## MATERIALS LIST:

- Eye and hearing protection (hand protection optional)
- Reciprocating Saw Machine (corded or cordless)
- CTR Recip Blade
- Workstation/Table – Must be able to support power tool and demo materials
- Appropriate securing devices – Clamps and/or vise to hold demo materials for cutting



## DEMONSTRATION:

1. Either corded or cordless reciprocating saw machine can be used for demo.
2. Plug in or replace the battery for the reciprocating saw machine and test system for proper operation.
3. **ALWAYS** use a NEW blade and fresh, fully charged battery when starting the demo. This will provide the best initial impression.
4. Install the **CTR** reciprocating saw blade into the machine chuck, and confirm locking mechanism of the chuck has been engaged by pulling on the end of the blade.
5. Reciprocating saw machines using the **NON-ORBITAL CUTTING ACTION** (Straight Cut) is best used in metal cutting applications.
6. Secure demo material to the workstation/table using a vise or other clamping tools to ensure the work piece remains stable during cutting.
7. Place the shoe firmly against material.
8. Slightly angle the saw machine down to provide clearance for the back and forth motion of the blade.
9. Depress machine trigger and start blade movement. Blade must be moving prior to engaging work piece.  
*\*See important note regarding Cast Iron cutting.*
10. With the blade moving, begin to let the blade cut down through the material, keeping a firm grip on the reciprocating saw machine.
11. Continue cutting until completely through the material.

### Performance Features TO EMPHASIZE

1. **Durable & Capable** to cut tough metals.
2. **Ease of cut.**
3. **Speed of cut.**
4. Use comparable bi-metal blades to show performance difference.

### IMPORTANT Note

When cutting **CAST IRON** the teeth **SHOULD** be resting on the work piece before starting the cut.

A firm grip is necessary but **DO NOT Over-push** the saw. Allow the blade to do the cutting.

# TECHNOLOGY MEETS TOUGHNESS