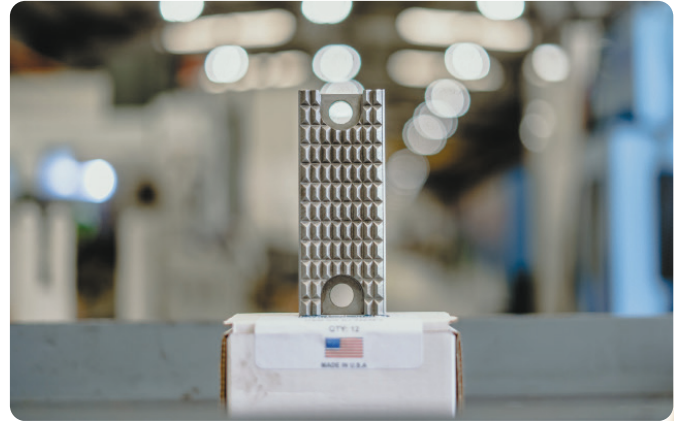
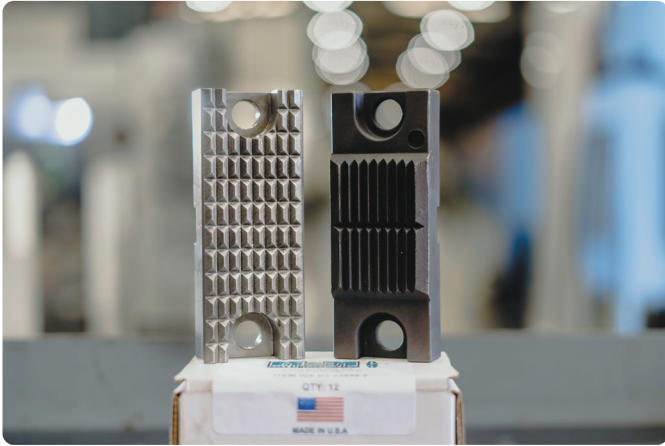




**DIEING TO
INCREASE YOUR
BOTTOM LINE?**
INCREASE RUN-TIME & DECREASE DOWN-TIME

REPLACEMENT DIE FOR DRILL PIPE WRENCHES

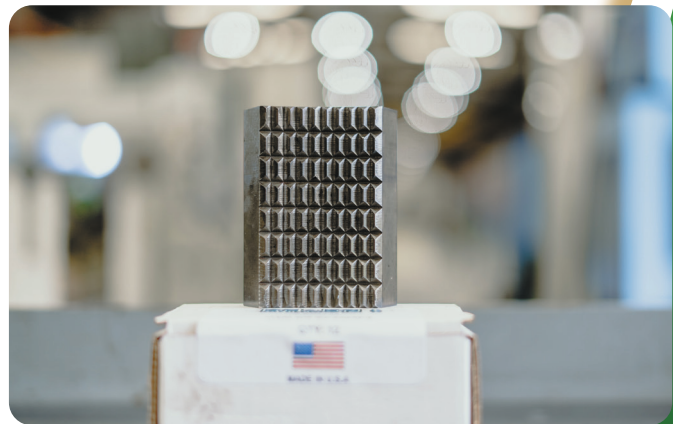


HOW WE STAND NEXT TO THE COMPETITION

- + Holds a 6.625 - 8.625 in pipe vs older 18 in models
- + Contoured for Most Common Pipe sizes
- + Heat-treated for Increased Hardness
- + Contoured for Increased Core Strength
- + Lasts 4.3x Longer in between Die Swap Outs
- + Ability to Hold & Grab More with Increased Teeth Coverage

Other Dies Lasts up to 15,000 feet of pipe.

Our Replacement Dies? UP TO 65,000 FEET! **4.3x MORE!**



LOCATIONS

Breaux Bridge
P:337-442-6057
1369 West Mills Ave.,
Breaux Bridge, LA 70517

Odessa
4408 Angus Road
Odessa, TX 797647

Dubai
Logistics City Sharjah Freezone
Warehouse LV-21/D
Sharjah, SH 42378, AE

**Get More for Your Money with
M & M Oil Tools Replacement Dies**
Better Price Point, Better Quality, Better Dies

sales@mmoiltools.com



**GOT THE NEED
FOR HIGH-SPEED?
INCREASE LONGEVITY & EFFICIENCY**

CASING SCRAPER



- + Staggered blades provide 360-degree coverage to insure 100% removal of rust, cement sheath, perforation burrs, scale buildup, or other debris adhering to the ID of the casing.
- + Large internal diameter and blade block placement allows circulation at high rates for maximum wellbore cleaning.
- + Robust design of M&M's scraper can withstand the roughest high-speed rotation and reciprocation in vertical, deviated, or horizontal wells.
- + High strength mandrel is made from heat-treated alloy steel bar stock with integral tool joint connections. There are no welds or castings which can compromise the tool, strength of the string or which must be inspected after every run.
- + Spring loaded blade blocks are positively retained in their pockets by solid machined shoulders. There are no fasteners or other parts that can loosen causing malfunctions or that can be lost causing fishing jobs.
- + Our spring design provides some of the largest working ranges in the industry.
- + Heat-treated blade blocks provide maximum strength and durability.
- + Angled cutting edges of blocks and bevels on the body prevent the tool from hanging on casing connections or when entering downhole restrictions.
- + Available in sizes for API and non-API tubing and casing ranging from 2 3/8" to 20" OD.

**Get More for Your Money with
M & M Oil Tools Casing Scraper**
Better Price Point, Better Quality

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**COMPLETELY
CLEAN**
DECREASE FORMATION DAMAGE

CASING BRUSH TOOL



- + 360-degree contact does not require rotation, works RIH & POH and can reach into corrosion pits and coupling recesses that cannot be cleaned by casing scrapers.
- + 15-year track record of cleaning the casing ID to dislodge this hidden debris, thereby reducing the potential for formation damage.
- + Large internal diameter and precise brush placement can withstand the roughest high-speed rotation and reciprocation in vertical, deviated or horizontal wells.
- + Mandrel is made from high strength, heat-treated alloy steel bar stock with integral upper and lower tool joint connections.
- + Brushes are positively retained in the retainer pockets by solid machined shoulders.
- + Made using a premium grade of stainless-steel wire so they will not contaminate corrosion resistant alloy (CRA) tubular goods.
- + Brush bristle design provides superior scrubbing action; so, it is not necessary to run a magnet pickup tool to capture broken wires.
- + Bevels on the upper and lower guide rings prevent the tool from hanging on casing connections or when entering downhole restrictions.
- + Large internal bore and external flow path allow high-rate circulation for maximum wellbore cleaning.
- + Available in sizes for use in 4 1/2" to 16" OD casing.
¹Reference technical paper AADE-11-NTCE-5

**Get More for Your Money with
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Better Price Point, Better Quality, Better Dies

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DESIGNED
TO MINIMIZE
DETECT & DEFER

INSIDE BLOW-OUT PREVENTERS (IBOP)



- + “Poppet-style” IBOP valves that automatically stop uncontrolled flow back and protect the swivel, kelly hose and surface pumping equipment from high pressure kicks and potential blow-outs.
- + Valves can be installed anywhere in the drill string and will automatically open to allow normal circulation.
- + Optional release assembly allows the M&M Oil Tools IBOP to be used as a stand-by surface safety valve that can be quickly stabbed into the drill pipe, tubing, or casing at the rig floor if a kick is detected.
- + Available in one or two-piece construction.

The compact **one-piece** design eliminates the internal connection and is ideally suited where space is at a premium or where handling weight is critical. Its smooth OD allows this valve to be run anywhere in the drill string.

The **two-piece** design is available when larger internal flow areas are desired. All valves are offered with a variety of threads and are matched to maintain drill string tensile strength capacity.
- + Mill certificates, test reports and Certificate of Conformance are provided with each valve.
- + Features a conical nose and metal-to-metal seat made from high strength materials.
- + The design of the poppet, seat and bypass area minimizes the potential for erosion caused by long term, high-rate circulation.

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**KICK INSTABILITY
OUT THE OIL TOOL
CONTROL FLOW & PREVENT BLOWOUTS**

WELL CONTROL VALVES

- + M&M's manually operated safety valves are designed to quickly stab into drillpipe, tubing or casing if a kick is encountered.



- + Manually operated kelly valves are installed at each end of the kelly, or below the top drive, to control flow from the wellbore and protect surface equipment from high pressure kicks. The lower Kelly valve can also function as a mud saver valve preventing mud loss and hazardous rig floor conditions when tripping pipe.

- + Available in one or two-piece construction.

The compact **one-piece** design is ideally suited where space is at a premium or where handling weight is critical. Its smooth OD allows this valve to be run anywhere in the drill string.

The **two-piece** design is available when larger internal diameters are desired. All valves are offered with a variety of threads including left-hand connections for upper Kelly applications that are matched to maintain drill string tensile strength capacity.



- + The PWC CARTRIDGE™ ball valve features precision positive quarter-turn rotational stops for the fully open and closed positions to prevent interference with tool passage or fluid erosion that occurs in competitive products. Our unique cartridge design permits pressure to equalize across the upper seal and ball to load it against the downstream seal. This prevents trapping pressure across the ball and reduces the torque required to open the valve. PWC CARTRIDGE™ is a trademark of M&M Oil Tools

- + Mill certificates, test reports and Certificate of Conformance are provided with each valve.

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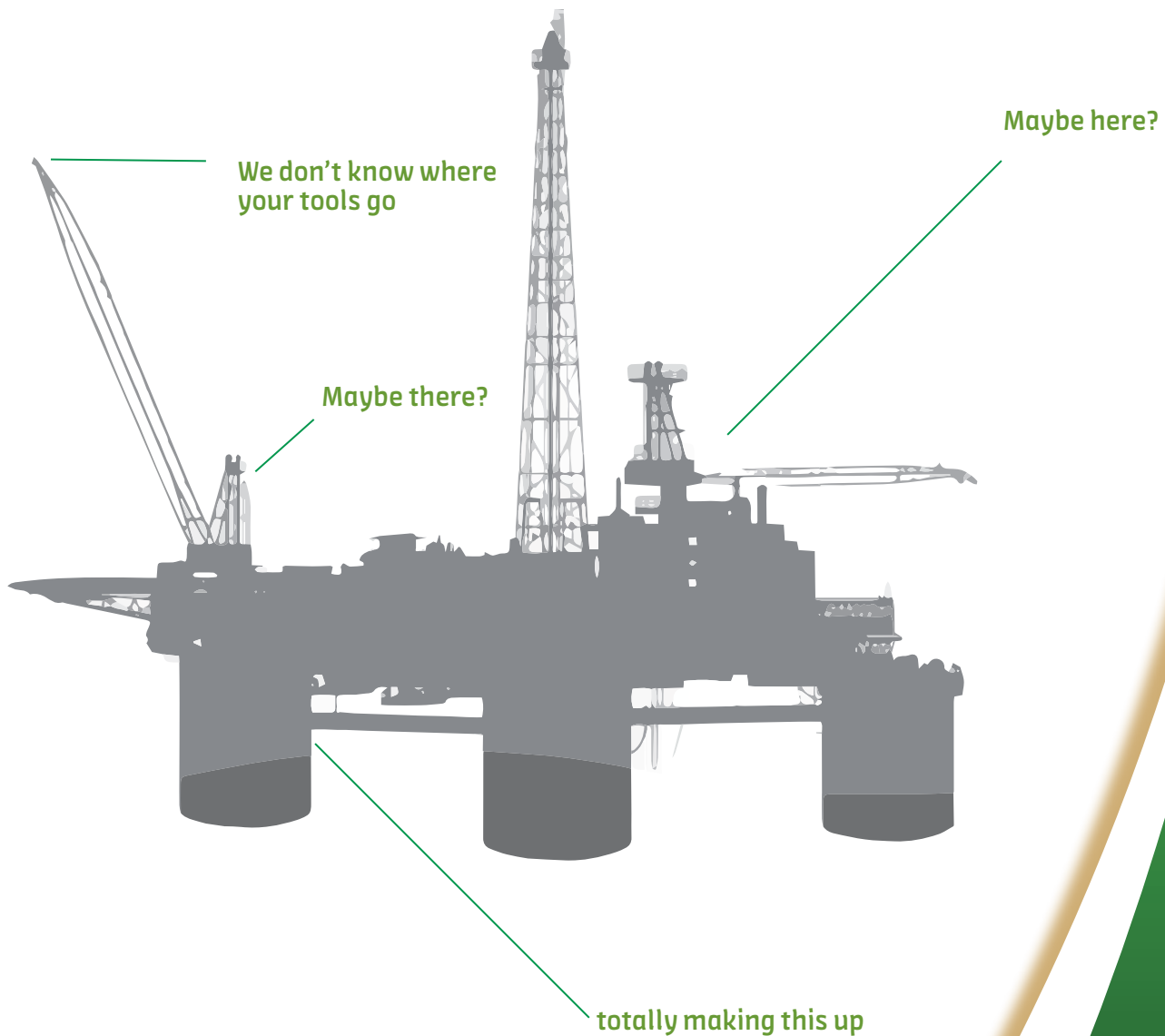
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PRODUCT LINE

UPGRADE YOUR PRODUCT LINE & INCREASE YOUR BOTTOM LINE



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** All parts are fully traceable online.