



NPT Joint: AccuThread 856

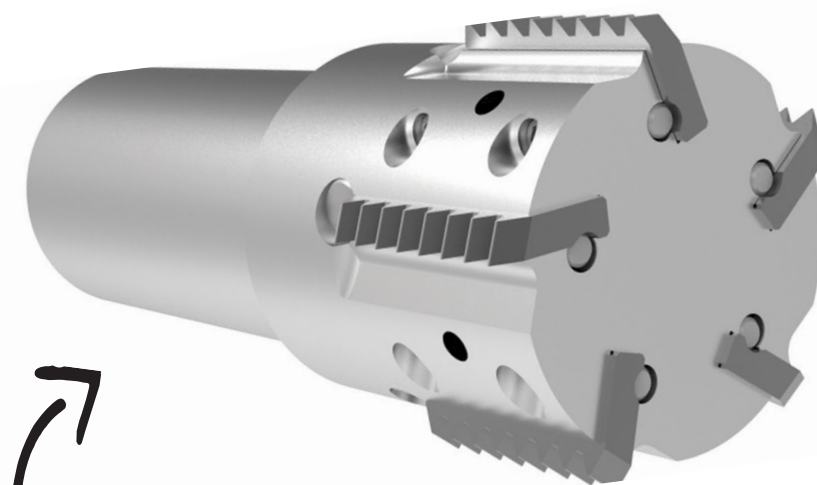
A custom job shop performs various thread mill applications. They produce a 1/4" (6.35 mm) and 1/2" (12.7 mm) NPT joint made from cast steel. They use an Okua HMC with flood coolant. Previously, the customer had several steps in their production process that included drilling a hole, taper reaming, and tapping.

The customer experienced tool breakage and needed a better solution. They also needed to decrease cycle time while maintaining or improving the thread quality.

The **AccuThread 856** thread mills not only reduced the cycle time, but they also improved the hole quality.



| | | Measure | Competitor | AccuThread 856 |
|--------------------|--|------------|------------|----------------|
| Product: | AccuThread 856 Indexable | Cycle Time | 5 min | 3 min 30 sec |
| Objectives: | (1) Decrease cycle time (2) Maintain/improve hole quality | | | |
| Industry: | General machining | | | |
| Part: | NPT joint | | | |
| Material: | Cast steel | | | |



► AccuThread 856
Item No. TMNK0250-NPT
Item No. TMNK0500-NPT

30% cycle time decrease

The AccuThread 856 Indexable provided:

- ✓ Increased tool life
- ✓ Decreased cycle time
- ✓ Improved hole quality