



SMALL SHANK EXTENSION TAP #7

These taps are made to conventional tap dimensions, except that they have an extended shank to tap hard to reach inaccessible holes. Thread length and shank square are made to standard specifications listed on **Page 200**. These taps are designed with a smaller shank diameter. Extension taps are available in both hand and spiral point styles, and in small shank style.



PIPE TAP #8

These taps are for producing standard straight or tapered pipe threads in a wide range of pipe connections. Manufactured with the appropriate design variations to cut specified pipe thread forms.



PIPE INTERRUPTED THREAD TAP #9

These taps are for producing standard tapered pipe threads in a wide range of pipe connections. Manufactured with the appropriate design variations to cut specified pipe thread forms. Thread length, shank diameter, and square are made to standard specifications listed on **Page 204** (Standard Pipe Tap Dimensions). These pipe taps feature interrupted threads which have an odd number of lands with alternate teeth in the thread helix removed. The removal of every other tooth helps to break the chip and allows a greater supply of lubrication to reach the cutting teeth, reducing the incidence of torn threads. Ideal for pipe tapping non-ferrous metals, low carbon steel, as well as titanium and high hardness alloys.



PIPE EXTENSION TAP #10

These taps are for producing standard straight or tapered pipe threads in a wide range of pipe connections. Manufactured with the appropriate design variations to cut specified pipe thread forms. These extension pipe taps have an extended shank to tap hard to reach or inaccessible holes. Thread length, shank diameter, and shank square are made to standard specifications listed on **Page 204** (Standard Pipe Tap Dimensions).



PIPE EXTENSION INTERRUPTED THREAD TAP #11

These taps are for producing standard tapered pipe threads in a wide range of pipe connections. Manufactured with the appropriate design variations to cut specified pipe thread forms. These extension pipe taps have an extended shank to tap hard to reach or inaccessible holes. Thread length, shank diameter, and square are made to standard specifications listed on **Page 204** (Standard Pipe Tap Dimensions). These pipe extension taps feature interrupted threads which have an odd number of lands with alternate teeth in the thread helix removed. The removal of every other tooth helps to break the chip and allows a greater supply of lubrication to reach the cutting teeth, reducing the incidence of torn threads. Ideal for pipe tapping non-ferrous metals, low carbon steel, as well as titanium and high hardness alloys.



ACME THREAD TAP #12

Acme screw threads were devised to allow rotary and transversing motion on machines; and are also used in jacks, valves, presses and other mechanisms where heavy loads are encountered. The acme thread is characterized by a 29° included angle. Acme taps typically require specialized engineering and design due to the nature and severity of cut required in producing Acme threads.