

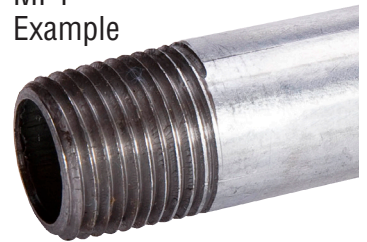
CONNECTING NPT THREADED PRODUCTS

MALLEABLE IRON FITTING & STEEL NIPPLE CONNECTION GUIDE



▲ FPT
Example

▼ MPT
Example



CONNECTING MPT & FPT FITTINGS

1) Check local plumbing code prior to starting your project.

- Ensure you have the necessary tools and equipment for an air-tight installation.

2) Inspect both the male and female connection points prior to assembly.

- Both should be free of debris, dirt, chips and excess oil or lubricant.
- If the threads are dented, replace the fitting. Otherwise, clean if excess lubricant is present.

3) Apply the Thread Sealant

- Use a thread sealant that is quick-drying and vibration resistant.
- Mix the sealant thoroughly before applying it to the fitting.
- Using a stiff brush, apply the sealant to the MPT threads only. The sealant should be forced to the lower channels of the threading.

4) Joint Connection

- For all fittings that are 1/2-in diameter through 2-in diameter, using a wrench, make three full turns past hand-tightening.

CAUTION:

Check local plumbing code prior to starting the project.

NPT THREAD SPECS

ANSI B1.20.1

TERMINOLOGY

FPT - Female Pipe Thread

MPT - Male Pipe Thread

TOOLS NECESSARY:

Plumbing Wrenches
Thread Sealant/Pipe Dope