

## Threading Information

Abbreviation	System Name	Compatibility	Seal Method
<b>BSPP</b>	<b>British Standard Pipe Parallel</b>	male BSPP with female BSPP	washer
		female BSPP with male BSPP	washer
		female BSPP with male BSPT	washer
<b>BSPTTr</b>	<b>British Standard Pipe Taper</b>	male BSPTTr with female BSPTTr	thread
		male BSPTTr with female BSPP	washer
		female BSPTTr with male BSPTTr	thread
		<i>female BSPTTr not compatible with male BSPP</i>	
<b>CHT</b>	American Standard Fire Hose Thread (1" National Hose Thread is <b>C</b> hemical <b>H</b> ose <b>T</b> hread, also known as <b>B</b> ooster <b>H</b> ose <b>T</b> hread)	1" male NH (NST) with 1" female NH (NST)	washer
		1" female NH (NST) with 1" male NH (NST)	washer
		1" thread is used on both ¾" hose & 1" hose	not compatible
<b>GHT</b>	<b>Garden Hose Thread</b>	male GHT with female GHT	washer
		female GHT with male GHT	washer
		thread is same for all size hose	not compatible
<b>IPS</b>	<b>Iron Pipe Straight Thread</b>	generic name for Straight Pipe Thread <i>see NPSH for compatibility</i>	washer
<b>IPT</b>	<b>Iron Pipe Thread</b>	generic name for All Pipe Thread	more information required
<b>JIC</b>	<b>Joint Industrial Committee</b>	used with other mating JIC threads	mechanical
<b>NH or NST</b>	American Standard Fire Hose Coupling Thread ( <b>N</b> ational <b>H</b> ose thread also known as <b>N</b> ational <b>S</b> tandard <b>T</b> hread)	male NH (NST) with female NH (NST)	washer
		female NH (NST) with male NH (NST) thread pitch and diameters of fire threads may vary according to local and municipal regulations <i>not compatible with other systems</i>	washer
<b>NPT</b>	American Standard Taper Pipe Thread ( <b>N</b> ational <b>P</b> ipe <b>T</b> apered)	male NPT with female NPT	thread
		male NPT with female NPTF	thread
		male NPT with female NPSM	washer
		male NPT with female NPSH	washer
		female NPT with male NPT	thread
		female NPT with male NPTF <i>female NPT not compatible with male NPSM or male NPSH</i>	thread
<b>NPTF</b>	American Standard Taper Pipe Fuel Dryseal Thread ( <b>N</b> ational <b>P</b> ipe <b>T</b> apered <b>D</b> ryseal)	male NPTF with female NPTF	thread
		male NPTF with female NPT	thread
		male NPTF with female NPSM	washer
		male NPTF with female NPSH	washer
		female NPTF with male NPTF	thread
		female NPTF with male NPT	thread
		female NPTF with male NPSM or NPSH <i>NPTF with NPTF threads do not require sealant for the initial use, after that, sealant is required</i>	not compatible
<b>NPSH</b>	American Standard Straight Pipe for Hose Couplings ( <b>N</b> ational <b>P</b> ipe <b>S</b> traight <b>H</b> ose)	male NPSH with female NPSH	washer
		female NPSH with male NPSH	washer
		female NPSH with male NPT	washer
		female NPSH with male NPTF	washer
		female NPSH with male NPSM	washer
<b>NPSM</b>	American Standard Straight Mechanical Joints ( <b>N</b> ational <b>P</b> ipe <b>S</b> traight <b>M</b> echanical)	male NPSM with female NPSM	Seal can be either mechanical or washer. Mating fittings must be of same type.
		male NPSM with female NPSH	
		female NPSM with male NPSM	
		female NPSM with male NPT	
		female NPSM with male NPTF	
<b>SIPT</b>	<b>Straight Iron Pipe Thread</b>	generic name for Straight Pipe Thread	washer
<b>TIPT</b>	<b>Tapered Iron Pipe Thread</b>	generic name for Tapered Pipe Thread	thread
<b>NYC</b>	<b>NYC Fire Department</b>	straight thread used in New York City	washer
<b>Chicago</b>	<b>Chicago Fire Department</b>	straight thread used in Chicago	washer