





## STEAM FITTINGS AND ASSEMBLIES

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# STEAM FITTINGS & ASSEMBLIES



## STEAM HOSE COUPLINGS

Steam Hose Couplings are designed for use with steam and especially high-pressure compressed air. Steam fittings can also be used in conjunction with other high-pressure systems or within hazardous applications requiring a safety coupling and clamp assembly.

Steam is highly dangerous and every care should be taken to fit the correct size of safety clamp to the hose in use in order to prevent 'blow-off'.

### FEATURES & BENEFITS

- Available as a complete assembly or as component parts
- Re-useable and of Robust construction

### APPLICATIONS

- Oil Refineries
- Chemical Plants
- Industrial Steam Applications

### TECHNICAL SPECIFICATION

- Sizes ½" to 2" (13-50mm)
- Materials: ½" – 1"  
Clamps - Steel Cast  
Stems & Spud Nuts - Plated Steel  
Lug Nuts - Malleable Iron
- Materials: 1 ¼" – 2" Malleable Iron

- Clamps: 1 ¼" – 2" Steel Cast
- Threads: BSP & NPT
- Nominal Pressure: Max 600 PSI provided clamps are correctly selected and fitted to the appropriate hose
- Clamps up to ¾" size have 2 bolts and 1" clamps have 4 bolts

## SUMMARY

**Steam** is highly dangerous and every care should be taken to fit the correct size of safety clamp to the hose in use in order to prevent 'blow-off'. Action-Sealtite are a large stockist of these fittings at competitive pricing and can provide the correct fitting guidance.

# STEAM FITTINGS & ASSEMBLIES



## FULL FEMALE ASSEMBLY

Product Code	ins	Nominal Size mm	Thread	Material	Max Working Pressure Bar	PSI
GJA050	1/2	13	BSP	Steel Bar	41	590
GJA075	3/4	19	BSP	Steel Bar	41	590
GJA075-NPT	3/4	19	NPT	Steel Bar	41	590
GJA100	1	25	BSP	Steel Bar	41	590
GJA100-NPT	1	25	NPT	Steel Bar	41	590
GJA125-NPT	1 1/4	32	NPT	Malleable Iron	41	590
GJA150	1 1/2	40	BSP	Malleable Iron	41	590
GJA150-NPT	1 1/2	40	NPT	Malleable Iron	41	590
GJA200	2	50	BSP	Malleable Iron	41	590
GJA200-NPT	2	50	NPT	Malleable Iron	41	590



## FEMALE HOSE STEM

Product Code	ins	Nominal Size mm	Thread	Material
GJS050	1/2	13	NA	Steel Bar
GJS075	3/4	19	NA	Steel Bar
GJS100	1	25	NA	Steel Bar
GJS125	1 1/4	32	NA	Malleable Iron
GJS150	1 1/2	40	NA	Malleable Iron
GJS200	2	50	NA	Malleable Iron

# STEAM FITTINGS & ASSEMBLIES



## MALE STEM

Product Code	ins	Nominal Size mm	Thread	Material	Max Working Pressure Bar	PSI
MS050	1/2	13	BSP	Steel Bar	41	590
MS075	3/4	19	BSP	Steel Bar	41	590
MS075-NPT	3/4	19	NPT	Steel Bar	41	590
MS100	1	25	BSP	Steel Bar	41	590
MS100-NPT	1	25	NPT	Steel Bar	41	590
MS125	1 1/4	32	BSP	Malleable Iron	41	590
MS125-NPT	1 1/4	32	NPT	Malleable Iron	41	590
MS150	1 1/2	40	BSP	Malleable Iron	41	590
MS150-NPT	1 1/2	40	NPT	Malleable Iron	41	590
MS200	2	50	BSP	Malleable Iron	41	590
MS200-NPT	2	50	NPT	Malleable Iron	41	590



## FEMALE SPUD

Product Code	ins	Nominal Size mm	Thread	Material
GJFS050	1/2	13	BSP	Steel Bar
GJFS075	3/4	19	BSP	Steel Bar
GJFS075-NPT	3/4	19	NPT	Steel Bar
GJFS100	1	25	BSP	Steel Bar
GJFS100-NPT	1	25	NPT	Steel Bar
GJFS125	1 1/4	32	BSP	Malleable Iron
GJFS150	1 1/2	40	BSP	Malleable Iron
GJFS200	2	50	BSP	Malleable Iron
GJFS200-NPT	2	50	NPT	Malleable Iron

# STEAM FITTINGS & ASSEMBLIES



## SWIVEL NUT

Product Code	ins	Nominal Size mm	Thread	Material
SN02	1/2	13	NPS	Steel Bar
SN07	3/4 & 1	19 & 25	NPS	Steel Bar
SN17	1 1/4 & 1 1/2	32 & 40	NPS	Malleable Iron



## HIGH PRESSURE CLAMPS

Product Code	Hose ID ins	mm	Range mm	Bolts	Max Working Pressure Bar	PSI
HPC01	1/2	13	21-25	2	15	210
HPC02	1/2	13	25-29	2	15	210
HPC03	1/2	13	29-31	2	15	210
HPC04	3/4	19	31-34	2	15	210
HPC04U	3/4	19	30-33	2	15	210
HPC05	3/4	19	34-37	2	15	210
HPC06	3/4	19	37-40	2	15	210
HPC08	1	25	39-42	4	15	210
HPC12	1	32	47.5-52	4	15	210
HPC13	1 1/4	40	55-60	4	15	210
HPC15	1 1/2	40	51-56	4	15	210
HPC16	1 1/2	40	55.5-60	4	15	210
HPC17-18	1 1/2	40	65-70	4	15	210
HPC19	2	50	59.5-64.5	4	15	210
HPC20	2	50	65-70	4	15	210
HPC21	2	50	70-78	4	15	210