



FIG 400 SERIES

4000 PSI FORGED STEEL HAMMER UNION

KEY BENEFITS

- 4,000 PSI NSCWP · WOG service up to 4,000 PSI
- Forged steel with a metal-to-metal seal
- NPT threaded connections · 2" through 4"



4000 PSI NSCWP FORGED STEEL HAMMER UNION

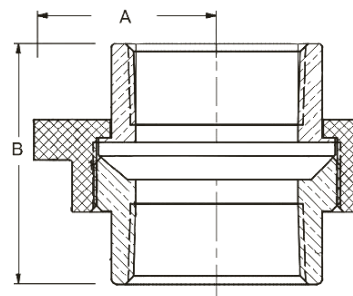
OVERVIEW

The Apache FIG 400 is a forged steel hammer union rated 4,000 PSI non-shock cold working pressure for water, oil, and gas service. A metal-to-metal seal and NPT threaded male and female subs make up with a hammer-tight wing nut, in sizes 2" through 4".

DIMENSIONAL DATA

PART #	NPT	A (IN)	B (IN)	M SUB	F SUB	NUT	WT (LB)
A400T-2.0	2"	3.64	5.24	4130	4130	4130	12.00
A400T-3.0	3"	4.19	6.25	4130	4130	4130	19.25
A400T-4.0	4"	5.00	8.13	4130	4130	4130	32.00

Dimensions in inches; weights in lb. A and B per the dimensional drawing. All components — male sub, female sub, and wing nut — are AISI 4130 alloy steel in every size. NSCWP 4,000 PSI · test pressure 6,000 PSI. Metal-to-metal seal.



STANDARDS & OPTIONS

Pressure Rating	4,000 PSI NSCWP · WOG up to 4,000 PSI
Test Pressure	6,000 PSI
Design	Forged steel hammer union
Sealing	Metal-to-metal
End Connections	NPT threaded
Sizes	2", 3", 4"
Service	Standard service — not suitable for sour gas

MATERIALS / CONSTRUCTION

#	COMPONENT	MATERIAL
1	Male Sub	AISI 4130 alloy steel
2	Female Sub	AISI 4130 alloy steel
3	Wing Nut	AISI 4130 alloy steel
4	Seal	Metal-to-metal

PRODUCT WARNINGS

Pressure-containing piping components are dangerous if used incorrectly. Observe all industry safety standards and common sense when working around any pressure-containing equipment. Failure to do so can result in serious bodily injury or death.

- **DO NOT** exceed the recommended working pressure rating.
- **DO NOT** mix and match components of different pressure ratings. Mismatched unions can fail explosively, resulting in property damage, injury, or death.
- **DO NOT** strike a hammer union that is under pressure.
- **DO NOT** use a union that is worn, damaged, or deteriorated in any way.
- **DO NOT** mix standard and sour-gas service products. Standard service equipment is not suitable for sour applications.
- **DO NOT** use Apache products in overhead suspension applications.
- Make sure the piping system is depressurized when disassembling union connections.
- Properly identify the figure number and pressure rating when selecting a union for service.
- Take extra care when working in ambient temperatures below freezing. Low temperature reduces the ductility and impact strength of iron and steel.
- Wear appropriate protective equipment when installing and disassembling Apache products.
- Remove leaking components immediately.
- Remove from service and dispose of any equipment where positive identification of the product's size, figure, and pressure rating is not possible due to deterioration or other damage.

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