



FIG 100 SERIES

1000 PSI ECONOMICAL HAMMER UNION

KEY BENEFITS

- 1,000 PSI NSCWP · WOG service up to 1,000 PSI
- Economical low-pressure union · metal-seat sealing
- NPT threaded connections · 2" through 8"



1000 PSI NSCWP ECONOMICAL HAMMER UNION

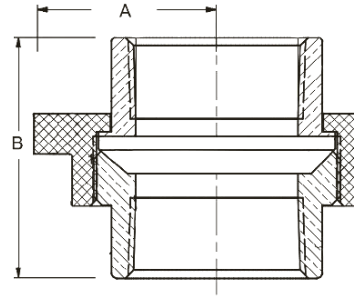
OVERVIEW

The Apache FIG 100 is an economical hammer union for low-pressure service, rated 1,000 PSI non-shock cold working pressure for water, oil, and gas. A metal-seat (metal-to-metal) seal and NPT threaded male and female subs make up quickly with a hammer-tight wing nut, in sizes 2" through 8".

DIMENSIONAL DATA

PART #	NPT	A (IN)	B (IN)	M SUB	F SUB	NUT	WT (LB)
A100T-2.0	2"	2.94	3.66	A105	A105	CS	5.60
A100T-3.0	3"	4.07	4.92	CS	CS	CS	14.00
A100T-4.0	4"	4.55	4.92	CS	CS	CS	23.00
A100T-6.0	6"	6.57	7.48	DI	DI	DI	48.00
A100T-8.0	8"	8.50	8.72	DI	DI	DI	59.00

Dimensions in inches; weights in lb. A and B per the dimensional drawing. Material columns list M Sub / F Sub / Nut by size: A105 = ASTM A105 forged steel · CS = carbon steel · DI = ductile iron. NSCWP 1,000 PSI · test pressure 1,500 PSI. Metal-seat sealing.



STANDARDS & OPTIONS

Pressure Rating	1,000 PSI NSCWP · WOG up to 1,000 PSI
Test Pressure	1,500 PSI
Design	Economical low-pressure union
Sealing	Metal seat (metal-to-metal)
End Connections	NPT threaded
Sizes	2", 3", 4", 6", 8"
Service	Standard service – not suitable for sour gas

MATERIALS / CONSTRUCTION

#	COMPONENT	MATERIAL
1	Male Sub	ASTM A105 / carbon steel (DI on 6"-8")
2	Female Sub	ASTM A105 / carbon steel (DI on 6"-8")
3	Wing Nut	Carbon steel (DI on 6"-8")
4	Seal	Metal seat (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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