



FIG 1502 SERIES

15000 PSI HIGH-PRESSURE HAMMER UNION

KEY BENEFITS

- 15,000 PSI NSCWP · WOG service up to 15,000 PSI
- Lip-type seal ring for reduced turbulence
- NPT threaded or XXH buttweid · 2" through 4"



15000 PSI NSCWP HIGH-PRESSURE HAMMER UNION

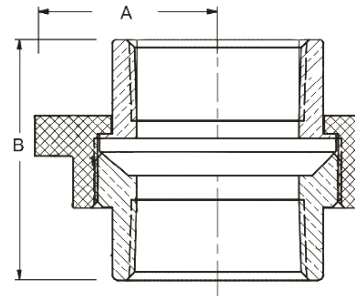
OVERVIEW

The Apache FIG 1502 is a high-pressure hammer union rated 15,000 PSI non-shock cold working pressure for water, oil, and gas service. A lip-type seal ring reduces turbulence across the joint. Available with NPT threaded or extra-extra-heavy buttweid ends in 2" through 4" sizes.

DIMENSIONAL DATA

PART #	CONN.	A (IN)	B (IN)	M SUB	F SUB	NUT	WT (LB)
A1502T-2.0	2" THD	3.88	7.00	4130	4130	4130	18.50
A1502B160-2.0	2" XXH BW	3.88	6.75	4130	4130	4130	19.50
A1502T-3.0	3" THD	4.50	5.50	4130	4130	4140	25.00
A1502B160-3.0	3" XXH BW	4.50	5.50	4130	4130	4140	28.00
A1502T-4.0	4" THD	5.63	9.50	4130	4130	4140	61.00
A1502B160-4.0	4" XXH BW	5.63	9.50	4130	4130	4140	77.25

Dimensions in inches; weights in lb. A and B per the dimensional drawing. Conn.: THD = NPT threaded · XXH BW = extra-extra-heavy buttweid. Materials are AISI alloy steel (4130 / 4140). NSCWP 15,000 PSI · test pressure 22,500 PSI. Lip-type seal ring.



STANDARDS & OPTIONS

Pressure Rating	15,000 PSI NSCWP · WOG up to 15,000 PSI
Test Pressure	22,500 PSI
Design	High-pressure hammer union
Sealing	Lip-type seal ring (reduced turbulence)
End Connections	NPT threaded · XXH buttweid
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 / 4140
4	Seal Ring	Lip-type seal ring

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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