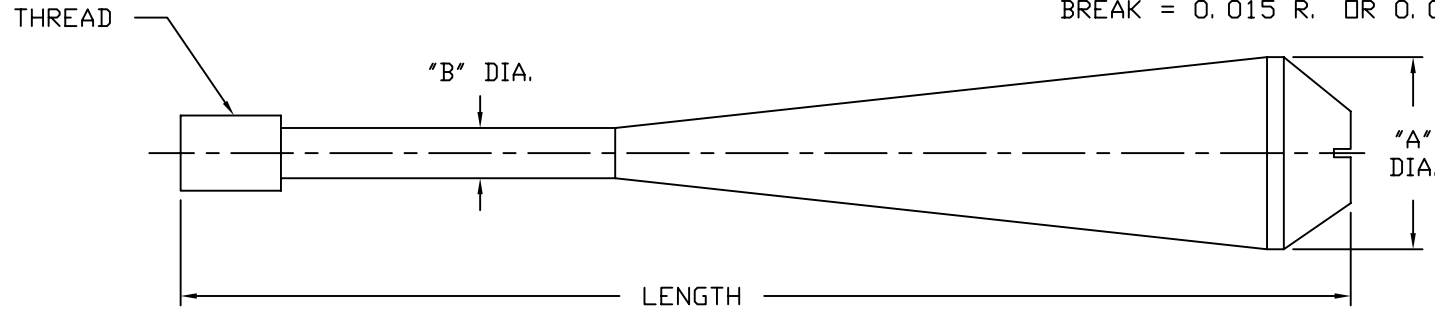


NOTES: 1-MUST BE FREE OF BURRS, SHARP CORNERS - EDGES
BREAK = 0.015 R. OR 0.015 X 45° CHAMFER.



COUPLING SIZE	DRAWBAR	LENGTH	"A" DIA.	"B" DIA.	THREAD
1"	16127	7.50	.859	.320	9/16 - 18
1-1/2"	16110	8.38	1.375	.500	" "
1-1/2" CAMLOCK	16110	8.38	1.375	.500	" "
1-1/2" RACK	16110	8.38	1.375	.500	" "
1-1/2" STORZ	16110	8.38	1.375	.500	" "
1-3/4"	16107	8.75	1.437	.375	" "
1-3/4" STORZ	16107	8.75	1.437	.375	" "
2" X 1-1/2"	16107	8.75	1.437	.375	" "
2"	16135	8.81	1.688	.750	3/4 - 10
2" CAMLOCK	RH16178	10.00	1.437	.460	9/16 - 18
2-1/2"	16102	10.56	2.000	1.000	7/8 - 16
2-1/2" CAMLOCK	16124	10.25	2.125	.625	" "
2-1/2" RACK	16124	10.25	2.125	.625	" "
3" X 2-1/2"	16124	10.25	2.125	.625	" "
3"	16102	10.56	2.000	1.000	" "
3-1/2" - 6"	16118-2	14.75	2.250	1.000	1-1/4 - 12

DRAWBARS NOT SHOWN:

1-1/2" BIT #16195

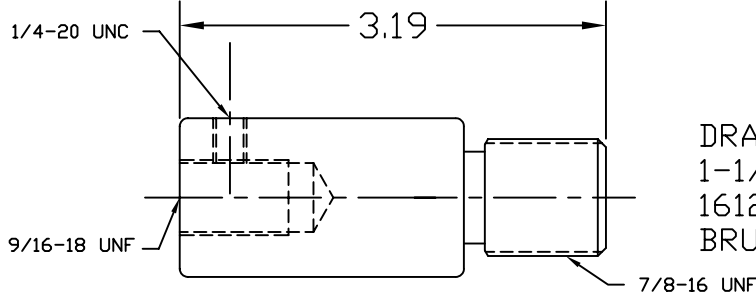
2-1/2" BIT #16203

CONTACT FACTORY FOR THESE
DRAWBARS

REV	DESCRIPTION OF REVISION	CHG'D BY	DATE
STYLE	MAT'L	FINISH	PER ORDER
	STEEL		

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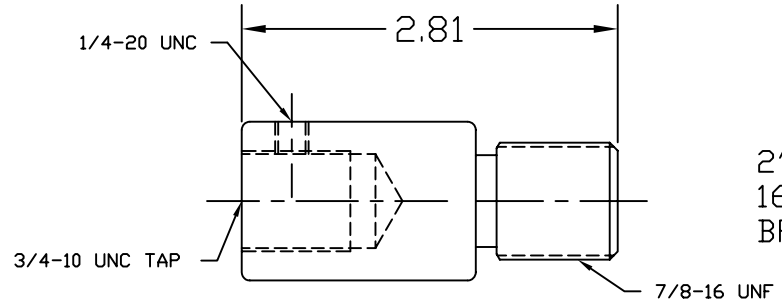
TITLE		DIMENSIONS - DRAWBARS 1" TO 6" COUPLINGS	
UNLESS OTHERWISE SPECIFIED TOLERANCES TO BE:		Red Head RED HEAD BRASS LLC SHREVE, OH.	
DECIMAL	FRACTIONS	SCALE	DRAWN DATE
X.XXX ± 0.005	± 1/64	FULL	J. CARROLL
X.XX ± 0.01		& AS NOTED	01/04/06
DRAWING UNITS = INCHES		APP'D DATE	
ANGLES = ± 1/2°		DRAWBARS 1	
125° ON ALL MACHINE SURFACES		REV.	
DO NOT SCALE DRAWING			



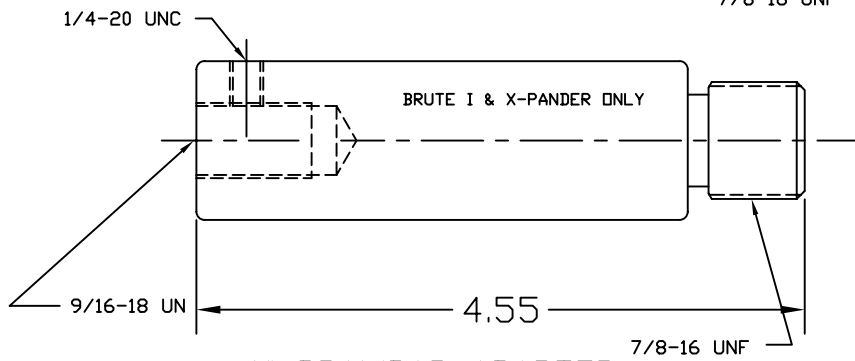
NOTES: 1-MUST BE FREE OF BURRS, SHARP CORNERS - EDGES
BREAK = 0.015 R. OR 0.015 X 45° CHAMFER.

DRAWBAR ADAPTER
1-1/2", 1-3/4", 2" CAMLOCK, 2"X1-1/2"
16120-10007
BRUTE I, II, & X-PANDER

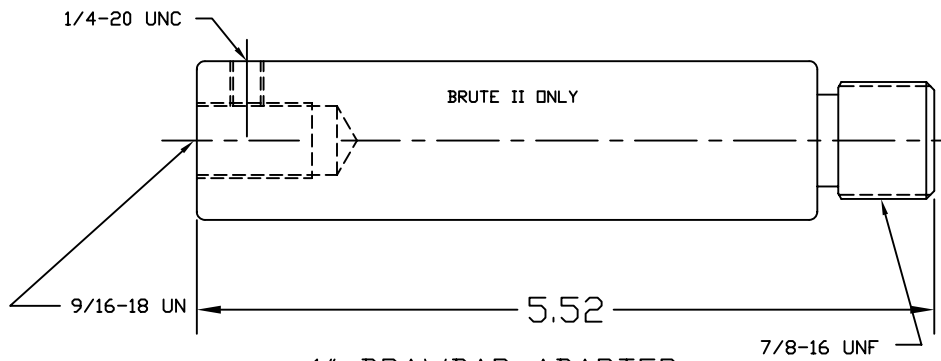
THREAD NOTE:
DRAWBAR END - 9/16-18.
2" DRAWBAR ONLY - 3/4-10
CYLINDER END - 7/8-16



2" DRAWBAR ADAPTER
16137-10074
BRUTE I, II, & X-PANDER



1" DRAWBAR ADAPTER
16157-1-10278
BRUTE I & X-PANDER
ONLY



1" DRAWBAR ADAPTER
16157-2-10227
BRUTE II

REV	DESCRIPTION OF REVISION	CHG'D BY	DATE
STYLE	MAT'L	FINISH	
	STEEL		

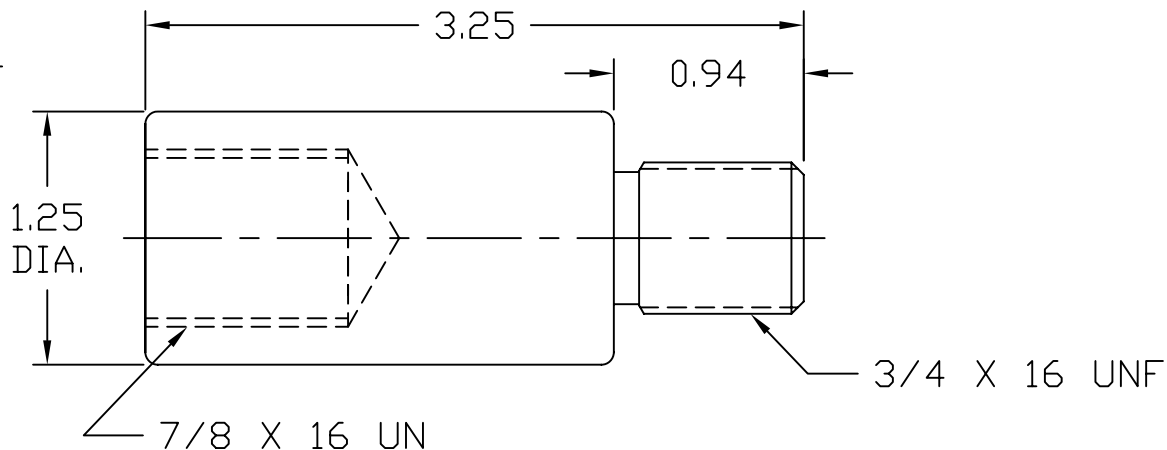
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TITLE			
DRAWBAR ADAPTERS			
UNLESS OTHERWISE SPECIFIED TOLERANCES TO BE:			
DECIMAL	FRACTIONS		
X.XXX ± 0.005	± 1/64		
X.XX ± 0.01			
DRAWING UNITS = INCHES			
ANGLES = ± 1/2°			
125 ON ALL MACHINE SURFACES			
DO NOT SCALE DRAWING			
		RED HEAD BRASS LLC SHREVE, OH.	
SCALE	DRAWN	DATE	APP'D
FULL	J. CARROLL		DATE
DRAWBAR ADAPT			
			REV.

NOTES: 1-MUST BE FREE OF BURRS, SHARP CORNERS - EDGES

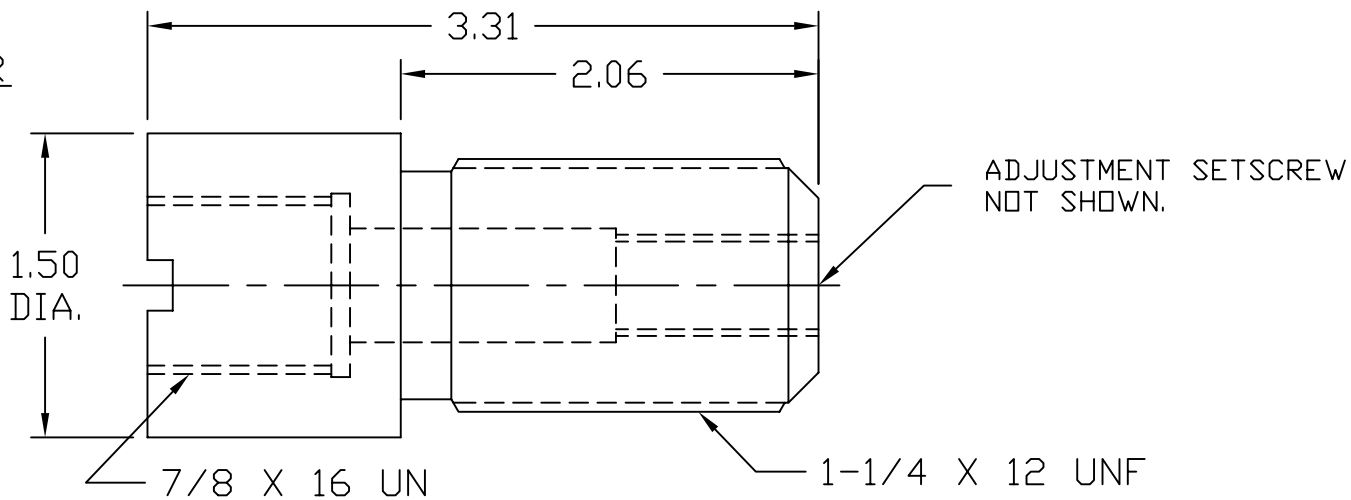
CYLINDER ADAPTER

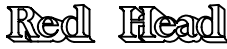
BRUTE X-PANDER
& BRUTE 1
P/N 10279



CYLINDER ADAPTER

BRUTE 2
P/N 10054



TITLE		BRUTE CYLINDER ADAPTERS	
UNLESS OTHERWISE SPECIFIED TOLERANCES TO BE:		 RED HEAD BRASS LLC. SHREVE, OH.	
DECIMAL	FRACTIONS	SCALE FULL & AS NOTED	DRAWN DATE J. CARROLL 03/14/09
X.XXX ± 0.005	± 1/64		APP'D DATE
X.XX ± 0.01		DWG. NO.	
DRAWING UNITS = INCHES		CYL ADAPTERS	
ANGLES = ± 1/2°		PART NUMBER	REV. 0
125 ✓ ON ALL MACHINE SURFACES			
DO NOT SCALE DRAWING			

REV	DESCRIPTION	BY.	DATE
STYLE	MAT'L STEEL	FINISH	

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