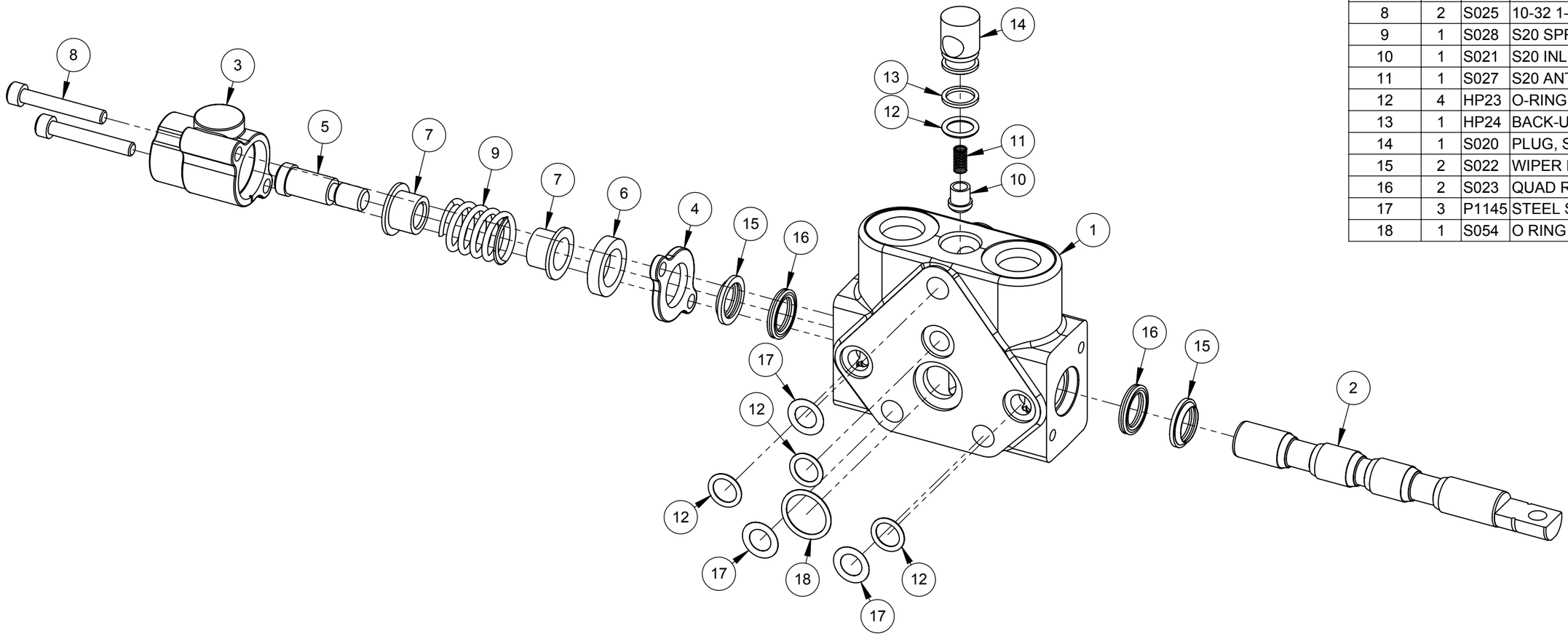
ITEM NO.	QTY.	P.N.	DESCRIPTION
1	1	S003	S20 WORK SECTION
2	1	S029	S20 O4 SPOOL
3	1	S001	S20 ENDCAP
4	1	S007	S20 SEAL RETAINER
5	1	S009	S20 SPRING CENTERING BOLT
6	1	S010	S20 SPACER
7	2	S011	S20 SPRING GUIDE
8	2	S025	10-32 1-1/4 S.H.C.S.
9	1	S028	S20 SPRING CENTERING
10	1	S021	S20 INLET CHECK POPPET
11	1	S027	S20 ANTI-DROP CHECK SPRING
12	4	HP23	O-RING, 2-012
13	1	HP24	BACK-UP, 8-012
14	1	S020	PLUG, S20, INLET CHECK
15	2	S022	WIPER FOR 1/2" SPOOL
16	2	S023	QUAD RING Q4-112
17	3	P1145	STEEL SHIM
18	1	S054	O RING 2-016 90D



NOTE:

1. USE 242 (BLUE LOCTITE) ON ITEMS (5) (8) WHEN ASSEMBLING.

APPLICABLE KITS:

(SPOOL ACTION: SPRING CENTER) 20-S (SEE DRAWING 20-S FOR PARTS BREAKDOWN)

(SEAL KIT) 20AK (SEE DRAWING 20AK FOR PARTS BREAKDOWN)

(SEAL KIT BETWEEN SECTIONS) 20BK (SEE DRAWING 20BK FOR PARTS BREAKDOWN)

REV.	DATE	DESCRIPTION

BRAND HYDRAULICS CO., INC
2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105

TITLE: S20, WORK SECTION
OPEN, SPRING

MATERIAL: -
-

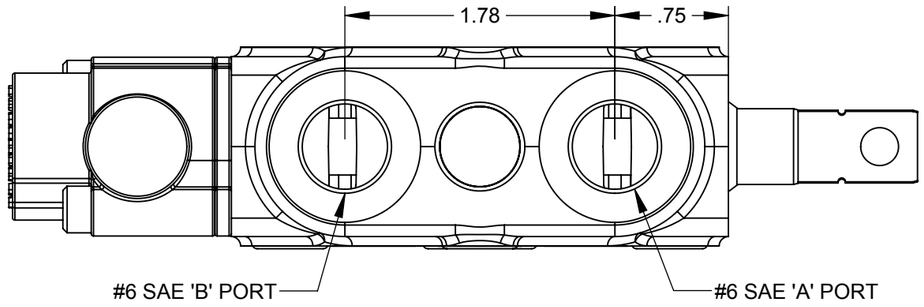
STANDARD TOLERANCE UNLESS NOTED:
0.00 ± 0.010 (0.015 GCI)
0.000 ± 0.005 (0.010 GCI)
◎ = .005 TIR
FRACTION ± 1/32
ANGLE ± 2°
DIMENSIONS ARE IN INCHES

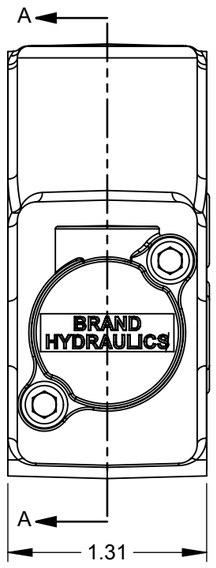
P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS

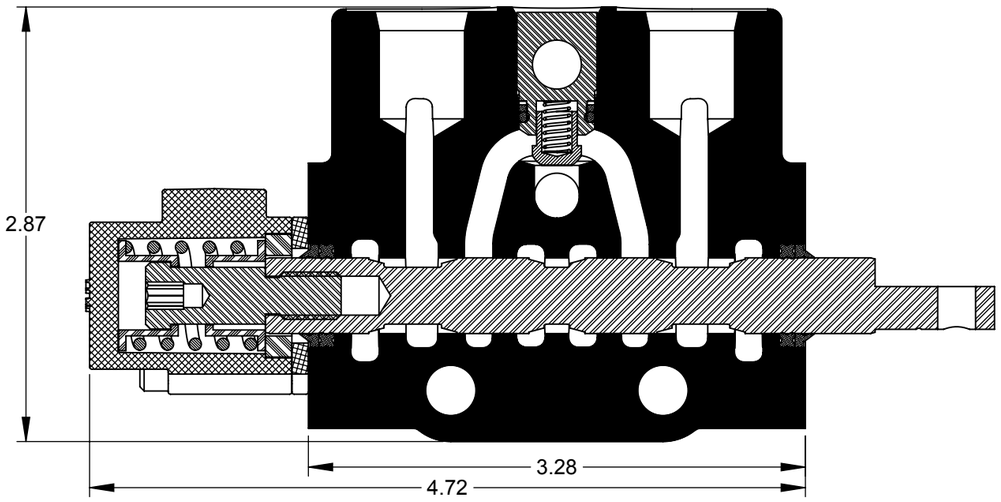
FINISHING SPECIFICATIONS:
HEAT TREAT: -±2RC X - ⇂
GRIND: -
PLATE: -

DRAWN BY: R. BATT
DATE: 11/26/2012
APRV'D BY:
APRV'D DATE:
SCALE: 1:1.5
FORMAT - B

PART NO: 20BFO4SC







SECTION A-A

BRAND HYDRAULICS CO., INC 2332 SOUTH 25TH STREET, OMAHA NEBRASKA 68105			
TITLE: S20, WORK SECTION OPEN, SPRING			MATERIAL: - -
STANDARD TOLERANCE UNLESS NOTED: 0.00 ± 0.010 (0.015 GCI) 0.000 ± 0.005 (0.010 GCI) ◎ = .005 TIR FRACTION ± 1/32 ANGLE ± 2° DIMENSIONS ARE IN INCHES	P/N ENDING IN "UF" HAVE NOT RECEIVED FINISH OPERATIONS FINISHING SPECIFICATIONS: HEAT TREAT: -±2RC X - ⇩ GRIND: - PLATE: -	DRAWN BY: R. BATT DATE: 11/26/2012 APRV'D BY: APRV'D DATE: SCALE: 1:1 FORMAT - B	PART NO: 20BFO4SC