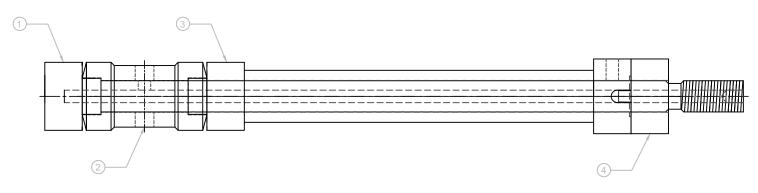
0.75" HYDRODYNAMIC SE ISOLATION AND TEST TOOL					PA	1 2 3 4	PART NAME MANDREL ANNULAR RING COLLAR SPACER
	DWG TITLE 0.75" H		FIDENTIAL OR IN PAR	SELF	С	DESCRIP	RUCTION TION PRODUCED, DIVULGED, STRIAL SOLUTIONS.
US PATENT PENDING NO. 62/608,152		ST TOOL		_S	SCALE NTS		EV. 0

1" HYDRODYNAMIC SEI ISOLATION AND TEST TOOL				PART NO 1 2 3 4	PART NAME MANDREL ANNULAR RING COLLAR SPACER
	0 REV	18.10.10 DATE	AM BY	DESCR	STRUCTION RIPTION
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PART NO	PART NAME
1	MANDREL
2	ANNULAR RING
3	COLLAR
4	SPACER



1.25" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL ASSEMBLY DETAIL

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THIS DOCUMENT CO	NTAINS CONFIDENTIA	AND PROPRIETARY	INFORMATION THAT CANNOT BE REPRODUCED. DIVINGED

OR MANUFACTURED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM VITAL INDUSTRIAL SOLUTIONS.

DWG TITLE

1.25" HYDRODYNAMIC SELF
CENTERING ISOLATION AND
TEST TOOL DETAILS

VITAL
INDUSTRIAL SOLUTIONS

PART NO.

SCALE REV.

US PATENT PENDING NO. 62/608,152

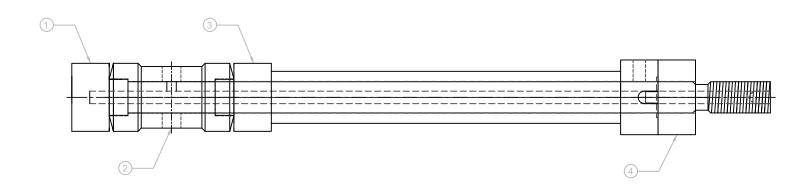
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DWG. NO.

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PART NO	PART NAME
1	MANDREL
2	ANNULAR RING
3	COLLAR
4	SPACER

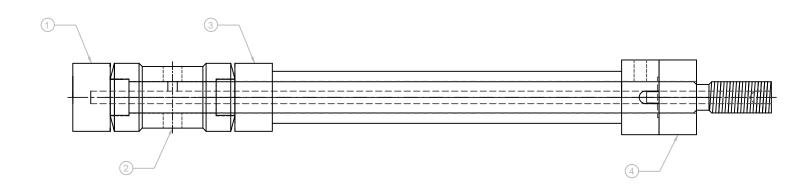


1.5" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL ASSEMBLY DETAIL

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REV	DATE	BY	DESCRIPTION			
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED, DIVULGED, OR MANUFACTURED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM VITAL INDUSTRIAL SOLUTIONS.						
CENTERI	RODYNAMIO NG ISOLATIO TOOL DETA	ON AND	INDUSTRIAL	SOLUTIONS		
DWG. NO.	PAR	T NO.	<u>SCALE</u>	REV.		
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US PATENT PENDING NO. 62/608,152

PART NO	PART NAME
1	MANDREL
2	ANNULAR RING
3	COLLAR
4	SPACER

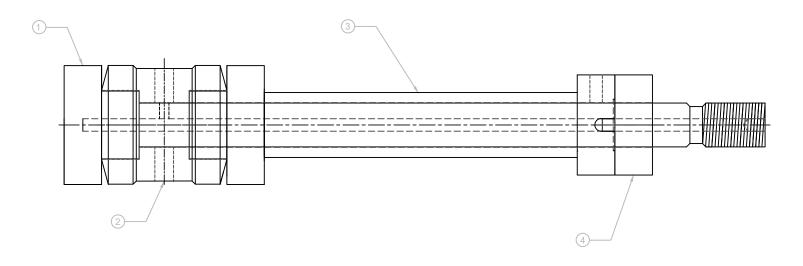


2" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL ASSEMBLY DETAIL

0	18.10.10	AM	FOR CONSTRUCTION			
REV	DATE	BY	DESCRIPTION			
	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED, DIVULGED, OR MANUFACTURED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM VITAL INDUSTRIAL SOLUTIONS.					
DWG TITLE 2" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL DETAILS			V -	L SOLUTIONS		
DWG. NO.	PAR	T NO.	<u>SCALE</u>	REV.		
HDSCIT2-A	ASM	-	NTS	0		

US PATENT PENDING NO. 62/608,152

PART NO	PART NAME
1	MANDREL
2	ANNULAR RING
3	COLLAR
4	SPACER



3" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL ASSEMBLY DETAIL

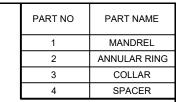
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REV	DATE	BY	DESCRIPTION
			' INFORMATION THAT CANNOT BE REPRODUCED, DIVULGED, N AUTHORIZATION FROM VITAL INDUSTRIAL SOLUTIONS.
DWG TITLE			* • • • • • • • • • • • • • • • • • • •

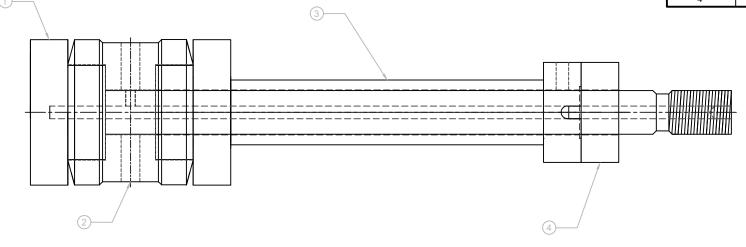
3" HYDRODYNAMIC SELF
CENTERING ISOLATION AND
TEST TOOL DETAILS

VITAL
INDUSTRIAL SOLUTIONS

US PATENT PENDING NO. 62/608,152

DWG. NO.	PART NO.	<u>SCALE</u>	REV.
HDSCIT3-ASM	-	NTS	0





4" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL ASSEMBLY DETAIL

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REV	DATE	BY	DESCRIPTION

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DWG TITLE

4" HYDRODYNAMIC SELF CENTERING ISOLATION AND TEST TOOL DETAILS



DWG. NO.

PART NO.

SCALE

REV.

US PATENT PENDING NO. 62/608,152

HDSCIT4-ASM -

NTS

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