

From: Owen, Donnie D.  
Sent: Wed Apr 14 21:43:37 2010  
To: Clawson, Bryan R  
Cc: Morel, Brian P; Lopez, Christopher  
Subject: FW: 7" float collar  
Importance: Normal  
Attachments: 1366204 DOC041410.pdf

I have attached the ITEM DETAIL sheet for the 7" Centralizer Subs.

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From: Clawson, Bryan R  
Sent: Wednesday, April 14, 2010 4:33 PM  
To: Lopez, Christopher; Owen, Donnie D.  
Subject: Fw: 7" float collar

Guys, I need a favor. Please send spec for the 7 5/8 cent sub shipped bp macondo. Need asap. Bryan

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From: Morel, Brian P <Brian.Morel@bp.com>  
To: Clawson, Bryan R  
Sent: Wed Apr 14 16:19:57 2010  
Subject: RE: 7" float collar  
Need 7" centralizer specs ASAP. Can you get them for me?

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From: Clawson, Bryan R [mailto:bryan.clawson@weatherford.com]  
Sent: Tuesday, April 13, 2010 12:04 PM  
To: VH3@aol.com; Morel, Brian P  
Subject: RE: 7" float collar

The minimum ID through the M45AP Float Collar is 1.45". The ID through the Landing Plate and the top of the Ball Cage is 2.347". With this in mind, the ball would sit on top of the Ball cage (See attached drawing with 1.75" ball on top of a M45 Float Collar) and then fluid would just be pumped around the ball. The flow area with the 1 5/8" ball on top of Cage will be 2.252"!

Regards,

Bryan Clawson  
Weatherford Cementation Sales  
Office: 281-260-1393  
Cell: 713-823-2385  
E-Mail: bryan.clawson@weatherford.com

From: VH3@aol.com [mailto:VH3@aol.com]  
Sent: Tuesday, April 13, 2010 7:35 AM  
To: Brian.Morel@bp.com



Cc: Clawson, Bryan R  
Subject: Re: 7" float collar

In a message dated 4/12/2010 12:43:46 P.M. Central Daylight Time, Brian.Morel@bp.com writes:  
M45AP ball is caged

Any concerns about the Diverter closing ball ( 1-5/8" ) going thru or landing in the cage top of the FC and blocking circulation ?

Rgds,  
Vernon Goodwin  
*Allamon Tool Co. Inc.*  
off 936-449-5433  
mo 713-818-4067

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**Weatherford**

## Item Information

Order



Item Number: 1366204  
Description: Sub, CENT ROT 7 541R HCQ125 Hydril 513 32.0 10.75 OD  
3rd Item Number: 541R070H513H12A005  
Version: A  
Price Book Reference: Manufacturing  
Life Cycle State: Released

☐ Hide 0 Quantities

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Classification	Part Attributes
<input type="checkbox"/> Classification > Cementing > Casing accessories > Bow spring centralizer sub	<input type="checkbox"/> ASSY TYPE > Inseparable <input type="checkbox"/> BODY DIAMETER (in) > 7.179 <input type="checkbox"/> BOW SPRING MATERIAL > ALLOY STEEL <input type="checkbox"/> BOW SPRING QUANTITY > 4 <input type="checkbox"/> BOW SPRING TYPE > 36S <input type="checkbox"/> CASING SIZE (in) > 7.0 <input type="checkbox"/> CASING SIZE FRACTIONAL > 7 <input type="checkbox"/> CASING WEIGHT MAXIMUM (lbs-mass/ft) > 32.0 <input type="checkbox"/> CASING WEIGHT MINIMUM (lbs-mass/ft) > 32.0 <input type="checkbox"/> CASING WEIGHT RANGE > 32.00 <input type="checkbox"/> CONNECTION DOWN NAME > HYDL 513 <input type="checkbox"/> CONNECTION DOWN SIZE (in) > 7.0 <input type="checkbox"/> CONNECTION DOWN TYPE > PIN <input type="checkbox"/> CONNECTION DOWN WEIGHT (lbs-mass/ft) > 32.0 <input type="checkbox"/> CONNECTION UP NAME > HYDL 513 <input type="checkbox"/> CONNECTION UP SIZE (in) > 7.0 <input type="checkbox"/> CONNECTION UP TYPE > BOX <input type="checkbox"/> CONNECTION UP WEIGHT (lbs-mass/ft) > 32.0 <input type="checkbox"/> DEFAULT UOM > each <input type="checkbox"/> DRIFT DIAMETER (in) > 6.0 <input type="checkbox"/> DRILLOUT DIAMETER (in) > 6.024 <input type="checkbox"/> END BAND MATERIAL > CARBON STEEL <input type="checkbox"/> GENERIC DESCRIPTION (NODE SUB-GROUP) > CENTRALIZER SUB <input type="checkbox"/> INSIDE DIAMETER (in) > 6.024 <input type="checkbox"/> LENGTH (in) > 49.13 <input type="checkbox"/> LONG DESCRIPTION > SUB, CENTRALIZER ROTATING 7 541R HCQ125 HYDRIL 513 32.00 WITH 36S (.171) BOWS 10.750 OD, EXTRA LENGTH ON PIN AND BOX, NEXEN CENTRALIZER SUB REQ (MIN. WALL = .373"), DRIFT 6.000 <input type="checkbox"/> MATERIAL GRADE > HCQ125 <input type="checkbox"/> MAXIMUM OUTSIDE DIAMETER (in) > 10.75 <input type="checkbox"/> MAXIMUM RIGID OUTSIDE DIAMETER (in) > 7.5 <input type="checkbox"/> MODEL DESIGNATION > 541R

<http://51Sendweb/EndecaWeb/nav/controller.asp?An=0&A=013662041027630%5FSPAC...> 4/14/2010

☐ PART NUMBER LEGACY > 541R070H513H12A005  
☐ PRODUCT BURST RATING (psi) > 14160.0  
☐ PRODUCT COLLAPSE RATING (psi) > 12540.0  
☐ QUALITY LEVEL > NEXEN CENTRALIZER SUB REQUIREMENTS  
☐ RESTRICTION SIZE (in) > 7.625  
☐ SPECIAL REQUIREMENTS > EXTRA LENGTH ON PIN AND BOX, DRIFT 6.000,  
NEXEN CENTRALIZER SUB REQ (MIN. WALL = .373")  
☐ TENSILE RATING (lbf) > 742000.0  
☐ TYPE > ROTATING  
☐ WELD SPECIFICATION > WW217

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