



THRU TUBING CATALOGUE

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ABOUT US



Dan's Oilfield is a leading tool and rental company in British Columbia and Alberta specializing in milling tools. With top of the line motor products and services.

In North America if you're not at the top of the food chain you're prey, that's why you need "The Grizzly Motor" brought to you by Dan's Oilfield. **Don't just beat the competition devour them.**

Trust Dans Oilfield Rentals for all your milling needs

Dans collective experience is 485 years, we're focused on providing experienced trouble shooting solutions for complex problems to get your project back on track,

ISN, COR and Comply Works Compliant.

INTERNAL DIMPLE COIL CONNECTOR

- **38.1mm (1.50")**
- **50.8mm (2.00")**
- **60.3mm (2.38")**
- High Torsional & Tensile Strength
- Jarring and Milling Applications
- Dual Seal
- Available for all sizes of coil
- Vibration Tool Compatible



Internal Dimple Coil Connector Technical Specifications:

COIL OD	WALL THICKNESS	STANDARD ID	FLOW AREA (sq inch)	O-RING	TENSILE YIELD	TORSIONAL YIELD (ft-lbs)	INTERNAL YIELD PRESURE
38.1 mm (1.50")							
38.10mm (1.500")	2.77mm (0.109")	20.65mm (0.813")	0.519	214	17,257 daNs 38,657 lbf	1,262	68.9 MPa 10,000 PSI
38.10mm (1.500")	2.99mm (0.118")	19.81mm (0.78")	0.478	214	17,473 daNs 39,140 lbf	1,235	68.9 MPa 10,000 PSI
38.10mm (1.500")	3.18mm (0.125")	19.81mm (0.78")	0.478	214	16,499 daNs 36,959 lbf	1,184	68.9 MPa 10,000 PSI
38.10mm (1.500")	3.40mm (0.134")	19.05mm (0.75")	0.442	213	16,559 daNs 37,093 lbf	1,153	68.9 MPa 10,000 PSI
38.10mm (1.500")	3.68mm (0.145")	16.66mm (0.656")	0.338	213	16,591 daNs 37,166 lbf	1,162	68.9 MPa 10,000 PSI
38.10mm (1.500")	3.96mm (0.156")	14.30mm (0.563")	0.249	213	20,095 daNs 45,015 lbf	1,162	68.9 MPa 10,000 PSI
50.8mm (2.00")							
50.80mm (2.00")	3.18mm (0.125")	31.75mm (1.250")	1.227	222	30,209 daNs 67,669 lbf	2,852	63.4 MPa 10,000 PSI
50.80mm (2.00")	3.40mm (0.134")	30.18mm (1.188")	1.108	222	37,725 daNs 73,306 lbf	2,920	68.9 MPa 10,000 PSI
50.80mm (2.00")	3.68mm (0.145")	30.18mm (1.188")	1.108	222	30,622 daNs 68,595 lbf	2,763	68.9 MPa 10,000 PSI
50.80mm (2.00")	3.96mm (0.156")	28.58mm (1.125")	0.994	221	30,858 daNs 69,122 lbf	2,789	68.9 MPa 10,000 PSI
50.80mm (2.00")	4.46mm (0.175")	26.97mm (1.062")	0.886	220	31,218 daNs 69,930 lbf	2,691	68.9 MPa 10,000 PSI
50.80mm (2.00")	4.76mm (0.188")	25.40mm (1.000")	0.785	220	32,099 daNs 71,902 lbf	2,632	68.9 MPa 10,000 PSI

Internal Dimple Coil Connector Technical Specifications:

COIL OD	WALL THICKNESS	STANDARD ID	FLOW AREA (sq inch)	O-RING	TENSILE YIELD	TORSIONAL YIELD (ft-lbs)	INTERNAL YIELD PRESURE
60.3 mm (2.38")							
60.3mm (2.38")	3.40mm (0.134")	38.1mm (1.500")	1.767	225	48,903 daNs 109,543 lbf	5,023	68.9 MPa 10,000 PSI
60.3mm (2.38")	3.68mm (0.145")	38.1mm (1.500")	1.767	224	44,777 daNs 100,302 lbf	4,809	68.9 MPa 10,000 PSI
60.3mm (2.38")	3.96mm (0.156")	36.53mm (1.438")	1.624	224	47,366 daNs 106,100 lbf	4,871	68.9 MPa 10,000 PSI
60.3mm (2.38")	4.46mm (0.175")	36.53mm (1.438")	1.624	244	43,044 daNs 96,420 lbf	4,487	68.9 MPa 10,000 PSI
60.3mm (2.38")	4.76mm (0.188")	34.9mm (1.375")	1.785	244	42,483 daNs 95,162 lbf	4,434	68.9 MPa 10,000 PSI

DIMPLE TOOL



EXTERNAL SLIP-TYPE COIL CONNECTOR

- **38.1mm (1.50")**
- **50.8mm (2.00")**
- **60.3mm (2.38")**
- Thread sub interchangeable
- Easy to redress
- Easy to install
- Vibration tool compatible
- Milling, fracturing compatible



External Slip-Type Coil Connector Technical Specifications:

COIL SIZE	TOOL OD	CONNECTIONS	TENSILE YIELD	TORSIONAL YIELD (ft-lbs)	ID	WORKING PRESURE
38.1 mm (1.50")						
38.10mm (1.500")	54mm (2.125")	1-1/2" AMMT	24,553 daNs 55,000 lbf	1,710	22.65mm (0.892")	68.9 MPa 10,000 PSI
50.8mm (2.00")						
50.80mm (2.00")	73mm (2.875")	2-3/8" PAC	42,410 daNs 95,000 lbf	4,000	34.92mm (1.375")	68.9 MPa 10,000 PSI
60.3mm (2.38")						
60.30mm (2.375")	79.4mm (3.125")	2-3/8" PAC	48,930 daNs 111,000 lbf	4,000	34.9mm (1.375")	68.9 MPa 10,000 PSI
60.30mm (2.375")	79.4mm (3.125")	2-3/8" EUE	48,930 daNs 111,000 lbf	4,000	48.26mm (1.900")	68.9 MPa 10,000 PSI



- Thread sub interchangeable
- Easy to redress
- Easy to install
- Vibration tool compatible
- Milling, fracturing compatible

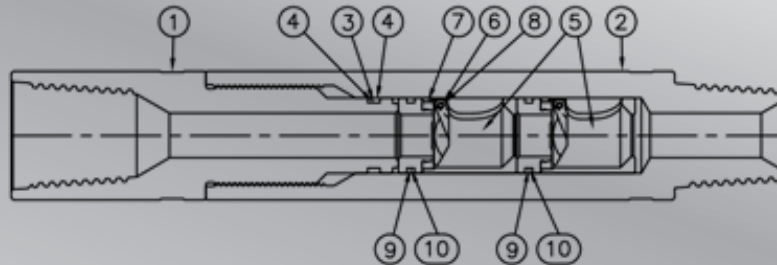


VENTURI FLOAT SUB

- **42.8mm (1.688")**
- **53.9mm (2.125")**
- **73.0mm (2.875")**
- Dual Check Valve
- Check Valve Housing



Venturi Float Sub Material Drawing:



Item	Description	Qty	Part Number
1	2.875" O.D. Top Sub	1	0750-288A-01
2	2.875" O.D. Bottom Sub	1	0750-288A-02
3	2-221 O-Ring Viton 90-95 - (top sub)	1	2-221
4	8-221 Back-Up Ring Viton 90-95 - (top sub)	2	8-221
5	7/8" Ball, Flapper Check Cartridge	2	0750-288K
Item	Redress Kit	Qty	Part Number
3	2-221 O-Ring Viton 90-95 - (top sub)	1	2-221
4	8-221 Back-Up Ring Viton 90-95 - (top sub)	2	8-221
6	3/32" X 7/8" Stainless Steel Dowel Pin - (check cartridge)	2	0750-288K-06
7	7/8" Ball Flapper Ball Seat Seal - (check cartridge)	2	0750-288K-04
8	Torsion Spring - (check cartridge)	2	0750-168K-05HDB1
9	8-128 Back-Up Ring Viton 90-95 - (check cartridge)	2	8-128
10	2-128 O-Ring Viton 90-95 - (check cartridge)	2	2-128
11	Complete Redress Kit Consists of Items (3,4,6 thru 10)	1	0750-288AR

VENTURI FLOAT SUB

Technical Specification:

42.8MM (1.688")

TOOL NAME: 1.688" DUAL FLAPPER CHECK VALVE

PRODUCT CODE: 0750-168A

TOOL O.D.: 1.68"

MATERIAL: AISI 4140 HT

TOOL I.D. : CARTRIDGE-0.578"

MINIMUM YIELD: 100,000 PSI

TOOL LENGTH: 11.94"

STRENGTH PROPERTIES:

Minimum Yield Point & Load to Yield: Bottom Sub, PN: 07 50- 168A-02, Thread Relief Behind Stub Acme Box at 58,924 Lbs.

Burst Point & Burst Pressure: Bottom Sub, PN: 0750-168A-02, at 21,750 Psi.

Torsion Weak Point & Load to Yield: Bottom Sub, PN: 0750- 168A-02, Stub Acme Box Connection at 652 Ft/Lbs.

RECOMMENDED MAKE UP TORQUE: 1 Stub Acme Connection at 326 Ft/Lbs.

OTHER INFO: 1 Maximum Ball Size is 9/16" to Pass Through Check Cartridge.

53.9MM (2.125")

TOOL NAME: 2.125" DUAL FLAPPER CHECK VALVE

PRODUCT CODE: 0750-213A

TOOL O.D.: 2.125"

MATERIAL: AISI 4140 HT

TOOL I.D. : CARTRIDGE-0.906"

MINIMUM YIELD: 100,000 PSI

TOOL LENGTH: 13.63"

STRENGTH PROPERTIES:

Minimum Yield Point & Load to Yield: Bottom Sub, PN: 0750- 213A-02, Thread Relief Behind Stub Acme Box at 84,187 Lbs.

Burst Point & Burst Pressure: Bottom Sub, PN: 0750-213A-02, at 20,470 Psi.

Torsion Weak Point & Load to Yield: Bottom Sub, PN: 0750- 213A-02, Stub Acme Box Connection at 1,168 Ft/Lbs.

RECOMMENDED MAKE UP TORQUE: 1 Stub Acme Connection at 584 Ft/Lbs.

OTHER INFO: 1 Maximum Ball Size is 7/8" to Pass Through Check Cartridge.

73MM (2.875")

TOOL NAME: 2.875" DUAL FLAPPER CHECK VALVE

PRODUCT CODE: 0750-288A

TOOL O.D.: 2.875"

MATERIAL: AISI 4140 HT

TOOL I.D. : CARTRIDGE-0.906"

MINIMUM YIELD: 100,000 PSI

TOOL LENGTH: 16.88"

STRENGTH PROPERTIES:

Minimum Yield Point & Load to Yield: Top Sub, PN: 0750- 288A-01, Stub Acme Pin Connection at 146,447 Lbs. When Tightened to 2,128 Ft/Lbs.

Burst Point & Burst Pressure: Bottom Sub, PN: 0750-288A-02, at 41,250 Psi.

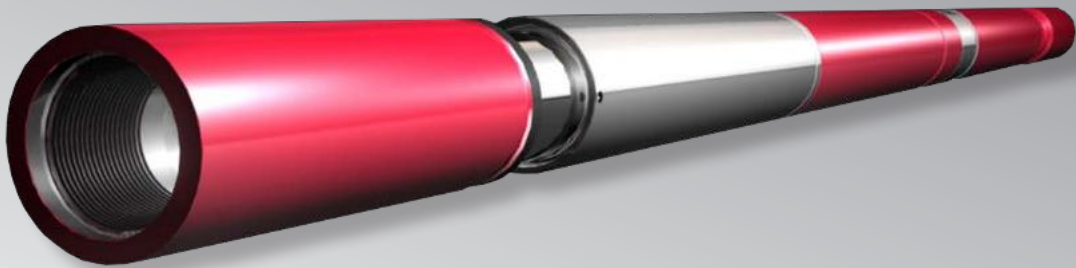
Torsion Weak Point & Load to Yield: Bottom Sub, PN: 0750-288A-02, Stub Acme Box Connection at 4,256 Ft/Lbs.

RECOMMENDED MAKE UP TORQUE: 1 Stub Acme Connection at 2,128 Ft/Lbs.

OTHER INFO: 1 Maximum Ball Size is 7 /8" to Pass Through Check Cartridge.

HYDRAULIC JARS

- Single Up Jar
- Bi-directional Jar



LEE JARS TECHNICAL SPECIFICATIONS

Full line up of Jars customized to the requirements of your job



HD BI-DIRECTIONAL JAR

TOOL SIZE		CONNECTION	MAXIMUM JARRING LOAD UP	MAXIMUM JARRING LOAD DOWN	MAXIMUM PULL/PUSH AFTER JARRING	TOTAL STROKE	PUMP OPEN AREA	MAXIMUM TORQUE	BODY JOINT TORQUE
OD	ID								
1-11/16"	9/16"	1" AMMT	10,000 lbs	10,000 lbs	42,200 lbs	13-1/4"	0.69 sq. in.	600 ft/lbs	350 ft/lbs
42.86 mm	14.28 mm		4,448 daN	4,448 daN	18,771 daN	336.55 mm	445 sq. mm	813 Nm	474 Nm
1-13/16"									
46.03 mm									
2-1/8"	3/4"	1-1/2" AMMT	18,000 lbs	18,000 lbs	103,000 lbs	12-1/2"	1.35 sq. in.	1,000 ft/lbs	700 ft/lbs
53.97 mm	19.05 mm		8,006 daN	8,006 daN	45,814 daN	317.50 mm	871 sq. mm	1,355 Nm	949 Nm
2-1/4"	3/4"	1-1/2" AMMT	22,000 lbs	22,000 lbs	103,000 lbs	12-1/2"	1.35 sq. in.	1,000 ft/lbs	700 ft/lbs
57.15 mm	19.05 mm		9,786 daN	9,786 daN	45,814 daN	317.50 mm	871 sq. mm	1,355 Nm	949 Nm
2-7/8"	1"	2-3/8" PAC	30,000 lbs	30,000 lbs	193,000 lbs	14-1/2"	2.4 sq. in.	3,200 ft/lbs	2,200 ft/lbs
73.02 mm	25.40 mm		13,344 daN	13,344 daN	85,846 daN	368.30 mm	1,548 sq. mm	4,336 Nm	2,981 Nm
3-1/8"	1-1/4"	2-3/8" REG	37,000 lbs	37,000 lbs	200,000 lbs	14-1/2"	2.94 sq. in.	5,000 ft/lbs	3,000 ft/lbs
79.37 mm	31.75 mm		16,458 daN	16,458 daN	88,960 daN	368.30 mm	1,896 sq. mm	6,775 Nm	4,065 Nm
3-1/2"	1"	2-3/8" REG	54,000 lbs	54,000 lbs	238,000 lbs	12"	3.14 sq. in.	6,400 ft/lbs	3,800 ft/lbs
88.90 mm	25.40 mm		24,019 daN	24,019 daN	105,862 daN	304.80 mm	2,025 sq. mm	8,672 Nm	5,149 Nm



SJ TYPE FISHING JAR

TOOL SIZE		CONNECTION	RECOMMENDED JARRING LOAD	MAXIMUM JARRING LOAD	MAXIMUM PULL AFTER FULLY OPEN	TOTAL STROKE	MAXIMUM TORQUE	BODY JOINT TORQUE
OD	ID							
1-11/16"	9/16"	1" AMMT	8,000 lbs	9,000 lbs	56,000 lbs	6"	700 ft/lbs	400 ft/lbs
42.86 mm	14.28 mm		3,558 daN	4,003 daN	24,909 daN	152.40 mm	949 Nm	542 Nm
2-1/8"	3/4"	2" LDC	12,000 lbs	14,500 lbs	80,000 lbs	7"	1,670 ft/lbs	1,000 ft/lbs
53.87 mm	19.05 mm	1-1/2 MT	5,338 daN	6,450 daN	35,584 daN	177.80 mm	2,263 Nm	1,355 Nm
2-1/4"	3/4"	2" LDC	15,000 lbs	17,500 lbs	81,000 lbs	7"	2,050 ft/lbs	1,230 ft/lbs
57.15 mm	19.05 mm	1-1/2 MT	6,672 daN	7,784 daN	36,029 daN	177.80 mm	2,778 Nm	1,667 Nm
2-7/8"	1"	2-3/8" PAC	25,000 lbs	30,000 lbs	187,000 lbs	9"	3,700 ft/lbs	2,200 ft/lbs
73.02 mm	25.40 mm		11,120 daN	13,344 daN	83,178 daN	228.60 mm	5,014 Nm	2,981 Nm
3-1/8"	1"	2-3/8" REG	35,000 lbs	45,000 lbs	187,000 lbs	9"	5,700 ft/lbs	3,420 ft/lbs
79.37 mm	25.40 mm		15,568 daN	20,016 daN	83,178 daN	228.60 mm	7,724 Nm	4,634 Nm
3-3/4"	1-1/4"	2-7/8" REG	60,000 lbs	66,000 lbs	300,000 lbs	9-1/4"	9,200 ft/lbs	5,500 ft/lbs
95.25 mm	31.75 mm	2-3/8" IF	26,688 daN	29,357 daN	133,440 daN	234.95 mm	12,466 Nm	7,453 Nm

BOWEN JAR TECHNICAL SPECIFICATIONS

- **73mm (2.875")**
Bowen TerraForce Coiled Tubing Jar
- **79.3mm (3.125")**
Bowen TerraForce Coiled Tubing Bi-directional Jar

FEATURES AND BENEFITS

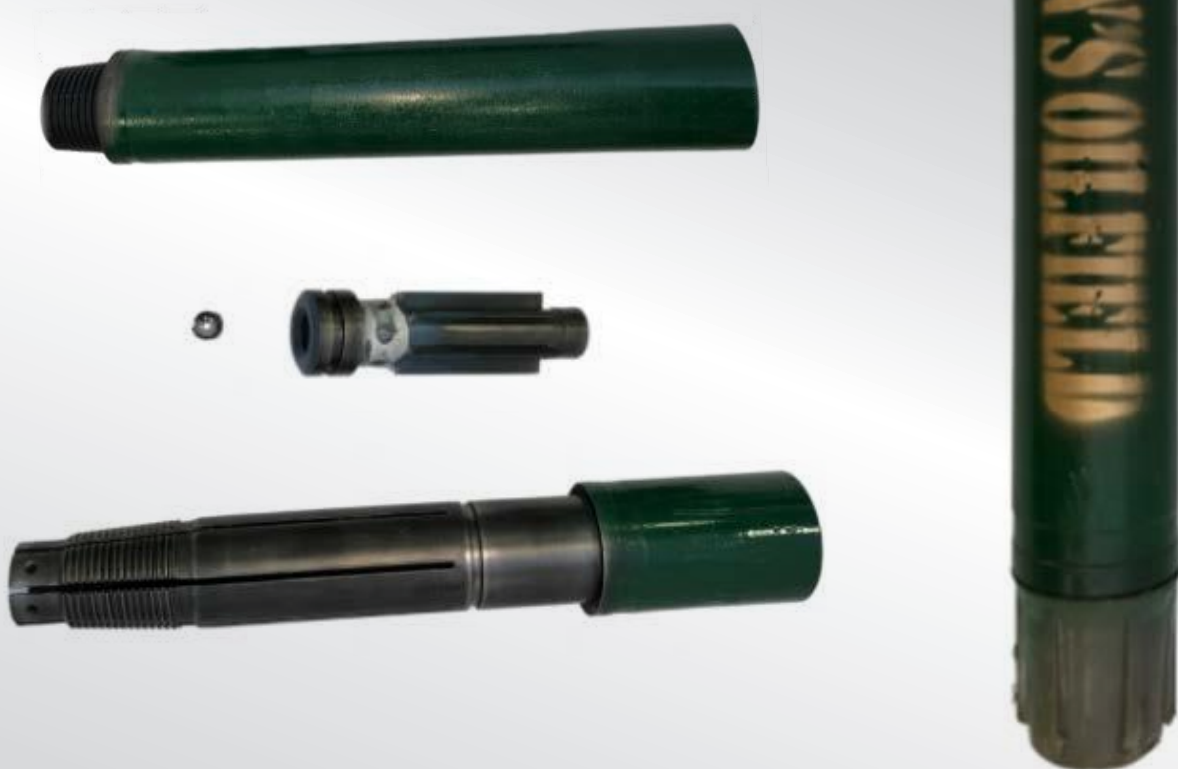
- Short robust design
- High temperature capabilities
- Increased torque handling
- Fully bi-directional operation
- Improved coil tubing milling

SIZE	2 7/8 in	3 1/8 in
TOP CONNECTIONS	2 3/8 in PAC	2 3/8 in API REG
BOTTOM CONNECTIONS	2 3/8 in PAC	2 3/8 in API REG
OVERALL LENGTH (CLOSED)	56 7/10 in	58.45 in
WEIGHT	93 lbs	99 lbs
MAX OVERPULL	32,000 lbs	50,000 lbs
MAX OVERPUSH	32,000 lbs	50,000 lbs
STROKE LENGTH	10 3/10 in	10 3/10 in
ID	1 in	1 in

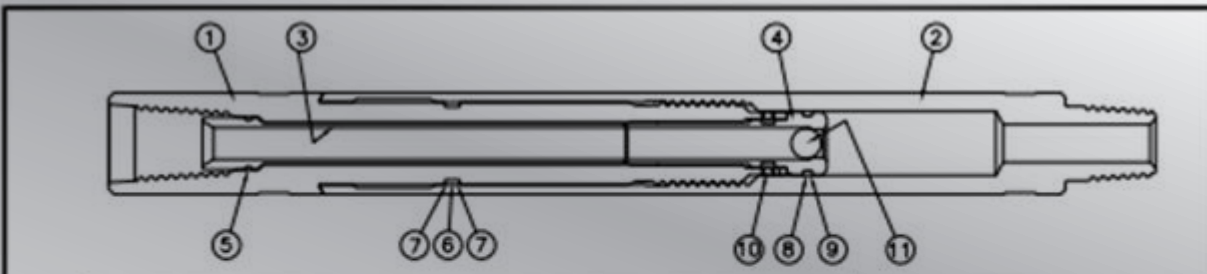


VENTURI HYDRAULIC DISCONNECT

- 42.8mm (1.688")
- 53.9mm (2.125")
- 73.0mm (2.875")
- Lower housing sub is spear fishable to 130 daN
- Shear piston and deployment ball
- Top Sub



Venturi Hydraulic Disconnect Material Drawing:



Item	Description	Qty	Part Number
1	2.875" O.D. Top Sub	1	0700-288A-01
2	2.875" O.D. Bottom Sub	1	0700-288A-02
3	2.875" Flow Tube	1	0700-288A-03
4	2.875" Support Piston 3/4" Ball to Release & 5/8" Ball to Drift	1	0700-288A-04
5	2-218 O-ring Viton 90-95 Duro - (flow tube)	1	2-218
6	2-226 O-Ring Viton 90-95 Duro - (top sub)	1	2-226
7	8-226 Back-Up Ring Viton 90-95 Duro - (top sub)	2	8-226
8	2-222 O-ring Viton 90-95 Duro - (support piston)	1	2-222
9	8-222 Back-Up Viton 90-95 Duro - (support piston)	1	8-222
10	1/4-20 UNC X 5/16" Slotted Head Brass Shear Screw	6	1/4-20 UNC X 5/16"
	1900-2300 Psi to Release with NO screws	0	1/4-20 UNC X 5/16"
	2488-2888 Psi to Release with One screw	1	1/4-20 UNC X 5/16"
	3076-3476 Psi to Release with Two screws	2	1/4-20 UNC X 5/16"
	3664-4064 Psi to Release with Three screws	3	1/4-20 UNC X 5/16"
	4252-4652 Psi to Release with Four screws	4	1/4-20 UNC X 5/16"
	4840-5240 Psi to Release with Five screws	5	1/4-20 UNC X 5/16"
	5428-5828 Psi to Release with Six screws	6	1/4-20 UNC X 5/16"
11	3/4" Chrome Steel Ball Bearing - (support piston)	1	
Item	Redress Kit	Qty	Part Number
5	2-218 O-ring Viton 90-95 Duro - (flow tube)	1	2-218
6	2-226 O-Ring Viton 90-95 Duro - (top sub)	1	2-226
7	8-226 Back-Up Ring Viton 90-95 Duro - (top sub)	2	8-226
8	2-222 O-ring Viton 90-95 Duro - (support piston)	1	2-222
9	8-222 Back-Up Viton 90-95 Duro - (support piston)	1	8-222
10	1/4-20 UNC X 5/16" Slotted Head Brass Shear Screw - (top sub & support piston)	6	1/4-20 UNC X 5/16"
11	3/4" Chrome Steel Ball Bearing - (support piston)	1	
12	Complete Redress Kit Consists of Items (5 thru 11)	1	0700-288AR

Venturi Hydraulic Disconnect

Technical Specification:

42.8MM (1.688")

TOOL NAME: 1.688" TJ HYDRAULIC DISCONNECT

PRODUCT CODE: 0700- I 68A

TOOL O.D.: 1.688"

MATERIAL: AISI 4140 HT

TOOL I.D. : PISTON-0.469"

MINIMUM YIELD: 100,000 PSI

TOOL LENGTH: 15.91"

STRENGTH PROPERTIES:

Minimum Yield Point & Load to Yield: Bottom Sub, PN: 0700-168A-02, 1" AMMT Pin Connection 56,750 Lbs.. Internal B&W fishing Neck Strength at 50,400 Lbs. (note fishing neck is not tensile loaded when assembled above number is used as a guide line when fishing bottom sub with pulling tool).

Burst Point & Burst Pressure: Bottom Sub at Internal B&W fishing Neck PN: 0700-168A-02, at 12,000 Psi

Collapse Point & Collapse Pressure: Bottom Sub at Largest I.D. of Internal Custom Fishing Neck, PN: 0700-168A-02, at 10,010 Psi.

Torsion Weak Point & Load to Yield: Bottom Sub, PN: 0700- 168A-02, 1" AMMT Pin Connection at 638 Ft-Lbs.

RECOMMENDED MAKE UP TORQUE: 1 Top Sub & Bottom Sub Collet Connection at 500 Ft-Lbs.

OTHER INFO: It will take 1, 700-2, 100 Psi to shift Support Piston, to the release position, without any 10-32 Brass Shear Screws, add 1,038 Psi to 2,100 for each shear screw used. If using 3 shear screws add 3, 114 to 2,100 to come up with 5,214 Psi to Disconnect tool.

2 Ball Size of Piston at 1/2" for 0.469" I.D. Piston.

Venturi Hydraulic Disconnect Technical Specification:

53.9MM (2.125")

TOOL NAME: 2.125" TJ HYDRAULIC DISCONNECT

PRODUCT CODE: 0700- 213A

TOOL O.D.: 2.125"

MATERIAL: AISI 4140 HT

TOOL I.D. : PISTON-0.563"

MINIMUM YIELD: 100,000 PSI

TOOL LENGTH: 18.75"

STRENGTH PROPERTIES:

Minimum Yield Point & Load to Yield: Bottom Sub, PN: 0700-2 I 3A-02, 1-1/2" AMMT Pin Connection 124,300 Lbs.. Internal B&W fishing Neck Strength at 75,300 Lbs. (note fishing neck is not tensile loaded when assembled above number is used as a guide line when fishing bottom sub with pulling tool).

Burst Point & Burst Pressure: Bottom Sub at Bore Behind Internal Custom Fishing Neck, PN: 0700-213A-02, at 20,280 Psi.

Collapse Point & Collapse Pressure: Bottom Sub at Largest I.D. of Internal Custom Fishing Neck, PN: 0700-213A-02, at 10,680 Psi.

Torsion Weak Point & Load to Yield: Bottom Sub, PN: 0700-2 I 3A-02, 1 - 1/2" AMMT Pin Connection at 1,770 Ft-Lbs.

RECOMMENDED MAKE UP TORQUE: 1 Top Sub & Bottom Sub Collet Connection at 950 Ft-Lbs.

OTHER INFO: It will take 1,900-2,400 Psi to shift Support Piston, to the release position, without any 10-32 Brass Shear Screws, add 681 Psi to 2,400 for each shear screw used. If using 3 shear screws add 2,043 to 2,400 to come up with 4,443 Psi to Disconnect tool.

2 Ball Size of Piston at 5/8" for 0.563" I.D. Piston.

Venturi Hydraulic Disconnect Technical Specification:

70.0MM (2.875")

TOOL NAME: 2.875" TJ HYDRAULIC DISCONNECT

PRODUCT CODE: 0700- 288A

TOOL O.D.: 2.875"

MATERIAL: AISI 4140 HT

TOOL I.D. : PISTON-0.688"

MINIMUM YIELD: 100,000 PSI

TOOL LENGTH: 25.25"

STRENGTH PROPERTIES:

Minimum Yield Point & Load to Yield: Bottom Sub, PN: 0 700-288A-02, 2- 3/8" PAC Pin Connection 198,700 Lbs.. 3" GS Fishing Neck Strength 146,100 Lbs .. (note fishing neck is not tensile loaded when assembled above number is used as a guide line when fishing bottom sub with pulling tool).

Burst Point & Burst Pressure: Bottom Sub at Bore Behind Internal 3" GS Fishing Neck, PN: 0700-288-02, at 18,950 Psi.

Collapse Point & Collapse Pressure: Bottom Sub at Largest I.D. of Internal Custom Fishing Neck, PN: 0700-288A-02, at 11,298 Psi.

Torsion Weak Point & Load to Yield: Bottom Sub, PN: 0700-288A-02, 2- 3/8" PAC Pin Connection at 4,800 Ft-Lbs.

RECOMMENDED MAKE UP TORQUE: 1 Top Sub & Bottom Sub Collet Connection at 1,750 Ft-Lbs.

OTHER INFO: It will take 1,900-2,300 Psi to shift Support Piston, to the release position, without any 1/4-20 Brass Shear Screws, add 588 Psi to 2,300 for each shear screw used. If using 3 shear screws add 1,764 to 2,300 to come up with 4,064 Psi to Disconnect tool.

2 Ball Size of Piston at 3/4" for 0.688" I.D. Piston.

EXTENDED REACH TOOLS

- NOV Agitator
- Terra Pulse



NOV Agitator

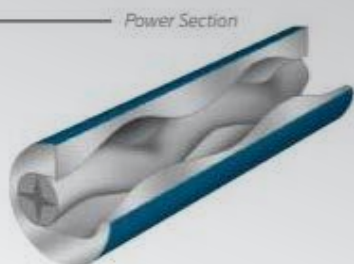


The Agitator System relies on three main mechanisms:

1. Power section
2. Valve and bearing section
3. Excitation section:

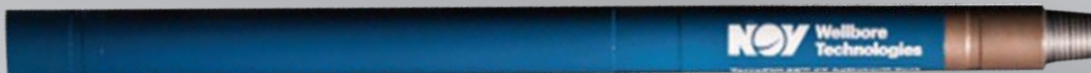
Running on joined pipe = use a shock tool

Running on coiled tubing = coiled tubing functions as shock tool



TOOL SIZE (OD)	2 1/8 in	2 7/8 in	3 1/8 in
OVERALL LENGTH	72 in	51.88 in	52.35 in
RECOMMENDED MUD WEIGHT	8.4 - 10 ppg	8.4 - 10 ppg	8.4 - 10 ppg
RECOMMENDED FLOW RATE	40 - 80 gpm	40 - 150 gpm	40 - 160 gpm
TEMPERATURE RANGE	150 - 302 °F	150 - 320 °F	150 - 320 °F
OPERATIONAL FREQUENCY	9 Hz @ 40 gpm	15 Hz @ 120 gpm	15 Hz @ 120 gpm
PRESSURE RATING	5,000 psi	5,000 psi	5,000 psi
MAX TENSILE	20,000 lbs	85,000 lbs	188,000 lbs

Terra Pulse Agitator



Specifications:

TOOL SIZE (OD)	2 1/8 in	2 7/8 in	3 1/8 in
OVERALL LENGTH	64 in	50 in	52 in
WEIGHT	42 lbs	61 lbs	73 lbs
PRESSURE RATING	10,000 psi	10,000 psi	10,000 psi
MAX TENSILE	90,000 lbs	178,000 lbs	216,000 lbs
RIG CONNECTIONS	1 in AMMT	2 1/8 in PAC	2 1/8 in REG

DYNO MAX REGULATOR SUB

FEATURES AND BENEFITS

- Reduces stator failure due to over pumping
- Utilizes optimal performance of the power section in motors
- Reduces washing out motor components
- No need for deployments balls
- Motor stalls are still visible from surface
- Conventional tubing or coil tubing compatible



TOOL SIZE (OD)	2.125 in (54mm)	2.875 in (73mm)
OVERALL LENGTH	43.5 in (1105 mm)	35.0 in (889 mm)
PIN	1 in (25 mm)	1.13 in (29 mm)
MOTOR FLOW RATE SETTING RATE (MIN/MAX)	30 / 100 gpm (115 / 380 lpm)	21 / 158 gpm (80 / 600 lpm)
MAX. PUMP RATE	100 gpm (0.4 m ³ / min)	315 gpm (1.2 m ³ / min)
MAX. OVERPULL	150,000 lbs (66,720 daN)	150,000 lbs (66,720 daN)
MAX. TORQUE	1,700 ft-lbs (2,305 Nm)	2,000 ft-lbs (2,712 Nm)
CONNECTION	1 - 1/2 MT	2 - 3/8 PAC

TOOL SIZE (OD)	3.125 in (79mm)	4.75 in (121mm)
OVERALL LENGTH	35 in (889 mm)	43 in (1092 mm)
PIN	1.13 in (29 mm)	2.75 in (70 mm)
MOTOR FLOW RATE SETTING RATE (MIN/MAX)	21 / 158 gpm (80 / 600 lpm)	100 / 465 gpm (380 / 1760 lpm)
MAX. PUMP RATE	315 gpm (1.2 m ³ / min)	630 gpm (2.4 m ³ / min)
MAX. OVERPULL	150,000 lbs (66,720 daN)	750,000 lbs (333,600 daN)
MAX. TORQUE	2,000 ft-lbs (2,712 Nm)	11,000 ft-lbs (14,914 Nm)
CONNECTION	2 - 3/8 PAC	3 - 1/8 IF

TOOL SIZE (OD)	6.50 in (165mm)	6.75 in (171mm)
OVERALL LENGTH	45 in (1143 mm)	45 in (1143 mm)
PIN	2.89 in (73 mm)	2.89 in (73 mm)
MOTOR FLOW RATE SETTING RATE (MIN/MAX)	200 / 800 gpm (760 / 3030 lpm)	200 / 800 gpm (760 / 3030 lpm)
MAX. PUMP RATE	920 gpm (3.5 m ³ / min)	920 gpm (3.5 m ³ / min)
MAX. OVERPULL	1,500,000 lbs (667,200 daN)	1,500,000 lbs (667,200 daN)
MAX. TORQUE	1,700 ft-lbs (32,539 Nm)	1,700 ft-lbs (32,539 Nm)
CONNECTION	4 - 1/2 XH	4 - 1/2 XH

THE GRIZZLY MOTOR

- 42.8mm (1.688")
- 53.9mm (2.125")
- 73.0mm (2.875")



**“DON'T JUST BEAT THE COMPETITION
DEVOUR THEM”**

The Grizzly Motor

Technical Specifications:

42.8mm (1.688")

PERFORMANCE SPECIFICATIONS	
FLOW RANGE	95 - 170 LPM
REV PER UNIT VOLUME	15.01 Rev / Gal
SPEED RANGE	375 - 675 RPM
NO LOAD PRESSURE LOSS	145 psi

53.9 mm (2.125")

PERFORMANCE SPECIFICATIONS	
FLOW RANGE	75 - 189 LPM
REV PER UNIT VOLUME	12.21 Rev / Gal
SPEED RANGE	244 - 610 RPM
NO LOAD PRESSURE LOSS	74 psi

73 mm (2.875")

PERFORMANCE SPECIFICATIONS	
FLOW RANGE	189 - 636 LPM
REV PER UNIT VOLUME	0.93 Rev / litre
SPEED RANGE	176 - 593 RPM
NO LOAD PRESSURE LOSS	651 kPa
HIGH FLOW RATE	270-800 Lpm

MILLS

- Long Shank
- Buttons
- 3 Blade
- Carbide
- Stars
- Short Shank
- Tungsten
- 5 Blade
- Offset
- All sizes

Mill customization available.



Dan's Oilfield is a local company that shops local.



BITS

Roller Cone

- Slip Stream
- L2
- SlipXtreme

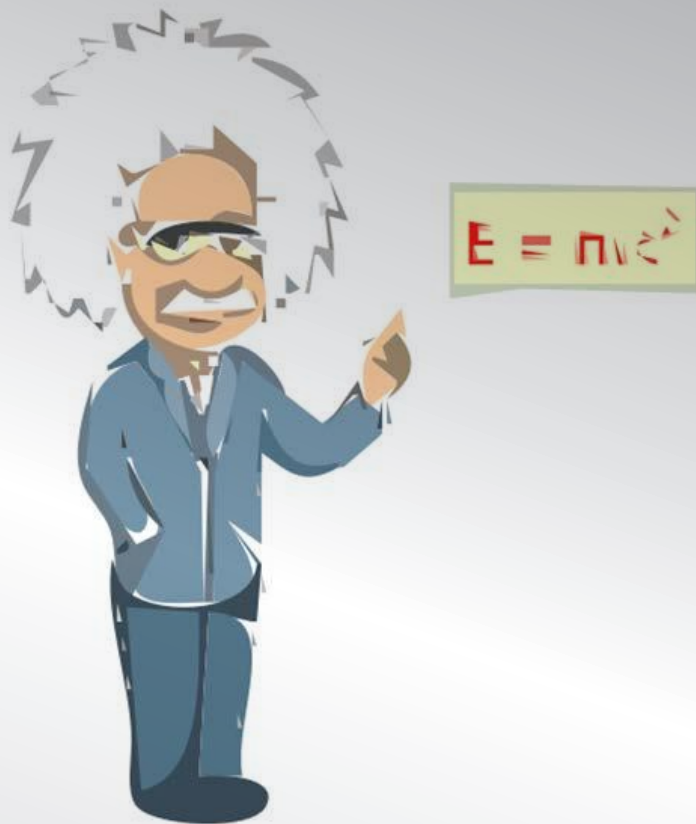
PDC

- Havox
- Bear Claw Vion



INNOVATION

- All metal Grizzly Motor
- All metal extended reach tool
- Talon Extender



CLICK ON THE LINKS TO VIEW

- Video <https://youtu.be/DIRUAyLWvc0>

ALL METAL GRIZZLY MOTOR

We are currently working with a Canadian based company to provide an "ALL METAL POWER SECTION" with an HD sealed bearing section.

Never pull out of hole because of motor failure again.

Say GOODBYE to Elastomer Issues

HELLO to Increased Utilization



Technical Specifications:

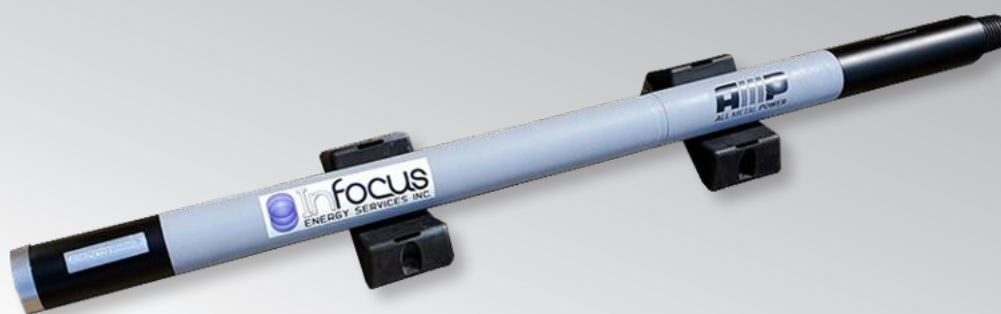
- 73mm (2.875") 9/10 Lobe 3.8 Stage
- Case studies available
- No elastomer All Metal.
- 600+ LPM
- 1200Nm torque
- Can pump acid or straight N2 without damage

OVERALL LENGTH	164.00 lin	4166 mm
BIT-TO BEND LENGTH	AVAILABLE UPON REQUEST	
NOMINAL DIAMETER	2.90 in	74 mm
TOP CONNECTION	2 3/8 PAC (NC 16)	
BOTTOM CONNECTION	2 3/8 PAC (NC 16)	
WELL SIZE	3 5/8 - 37/8 in	92 mm - 98 mm
WEIGHT	268 lbs	122kg
TEMPERATURE RATING	480 °F	250 °C
MAXIMUM WEIGHT ON BIT	22500 lbf	10000 daN
FLOW RATE	50 - 150 gpm	189 - 568 lpm
REV/UNIT VOLUME	3.66 rev/gal	0.98 rev/l
PRESSURE DROP AP	500 psi	3448 kPa
NO LOAD BIT SPEED	183 - 550 RPM	
MAXIMUM DIFFERENTIAL PRESSURE	1950 psi	13445 kPa
FULL LOAD TORQUE	890 ft lb	1206 Nm
POWER	93 HP	70 kW

Compatible with oil-based muds, acids, solvents, and high chloride content fluids.

ALL METAL EXTENDED REACH TOOL

- With an all-metal agitator you can maximize your performance without the risk of compromising your tool.
- Frequency 4-12 Hz
- No restrictions pumping N₂
- No restrictions pumping acid
- Finally the ability to do the job without the restrictions



Specifications:

OVERALL LENGTH	62.81 in (1595 mm)	
STANDARD DIAMETERS AVAILABLE	2.125 in (54 mm)	2.875 in (73 mm)
TOP CONNECTION	1 1/2 REG (AMMT)	1 3/8 PAC (NC 16)
BOTTOM CONNECTION	1 1/2 REG (AMMT)	1 3/8 PAC (NC 16)
WELL SIZE	3 5/8 - 37/8 in	92 mm - 98 mm
TEMPERATURE	456 °F (236) °C	
FLOW RATE - GALLONS PER MINUTE	40 -160 gpm	80 - 231 gpm
FLOW RATE - LITRES PER MINUTE	151 - 606 lpm	303 - 874 lpm
FLOW RATE - BARRELS PER MINUTE	0.95 - 3.8bbl/min	1.9 - 5.5 bbl/min
FREQUENCY	4 - 12 Hz	

TALON EXTENDER

The Extender's Tiered system allows you to enter a well with lower agitation to ensure longevity in your equipment, and if needed, increase up to a 3rd Tier for class-leading ROP. You only pay for what you use, the tiered performance comes with tiered pricing, so there's no need to spend top dollar if it's not needed!



CLICK ON THE LINK TO VIEW

https://www.linkedin.com/posts/talon-wellbore-technologies-corp_thru-tubing-agitator-completions-activity-6798303155286372352-mXP_

CLIENTS

Aduro

ARC

Barlon

Birchcliff

Black Swan

Bonnivista

BOE

CNRL

Canadian Downhole

Canadian Spirit

Canlin

Encana

Elm

Enercapita

Petronas

Newalta

Pacific Canbriam

Pengrowth

Painted Pony

Remedy

Ridgeback

Rising Star

Sanguaro

Spartan Delta

Surge-360

Taqa

Tidewater

Terra

Trican

Windward

CONCLUSION

Thank you for your time. Dans Oilfield looks forward to working with you in the future to provide the leading edge in tools, quality and leadership.

See you on your next pad.



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FORT ST. JOHN (Head Office)

(250) 785-6100



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