

# ESTI

**OTR DIVISION**



**Dill**® Air Controls Products

# OFF THE ROAD

OTR Conference 2026

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## Large Bore System Components



### Swivel Stem

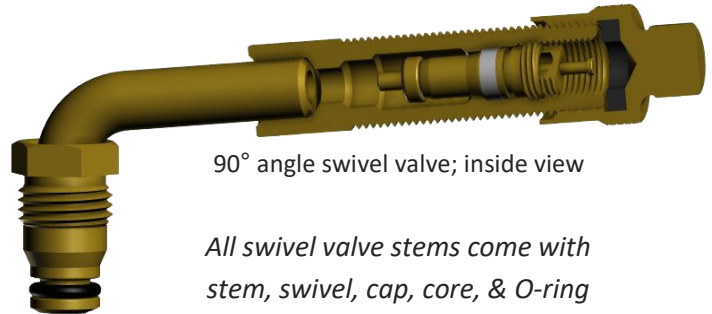
Large Bore Valve Stem with Swivel Feature

- Available in standard or custom bend angles
- Can be replaced independently or with spud

### Spud

TR-SP2 Tubeless Spud

- Used with all Large Bore Swivel Valves
- Fits 0.812in / 20.62mm valve hole



90° angle swivel valve; inside view

*All swivel valve stems come with stem, swivel, cap, core, & O-ring*

## OTR Applications

### Large Bore



Diameter: 0.18" (4.57mm)

Flow Rate: 20 CFM

Tire Size: Up to 25"

### Super Large Bore



Diameter: 0.44" (11.18mm)

Flow Rate: 200 CFM

Tire Size: Up to 57"

### Super Extra Large Bore



Diameter: 0.56" (14.24mm)

Flow Rate: 250 CFM

Tire Size: Up to 69"

### Super Giant Bore



Diameter: 0.69" (17.52mm)

Flow Rate: 325 CFM

Tire Size: Up to 69"



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## Large Bore Swivel Valves

**Assembly Note:** All swivel valves come with a valve core, O-ring, and sealing cap assembled and tested for quality purposes

Seals are temperature rated from -40°F to 250°F (-40°C - 121°C) | Installation Torque: 70-80 in-lbs. | Material: Brass



### TR-J600 Series Single Bend Swivel Valves

Dill P/N	TR #	Exactra #	Haltec #	CAT OE #	A		B		C
					IN	MM	IN	MM	DEG
J-650-USA	J650	EXJ-650	WH-300-J-650	3K-2316	1.09"	27.68	3.12"	79.50	80°
J-651-USA	J651	EXJ-651	WH-46-J-651	OM-6875	1.27"	32.00	4.69"	119.12	90°
J-652-USA	J652	EXJ-652	WH-47-J-652	-	1.08"	27.43	5.50"	139.70	86°
J-653-USA	J653	EXJ-653	WH-300-J-653	-	1.08"	27.43	2.50"	63.50	80°
J-653-03-USA*	J653	EXJ-653C	N-1319	118-9648	1.09"	27.68	2.50"	79.50	80°
J-654-USA	J654	EXJ-654	WH-49-J-654	-	1.08"	27.43	3.12"	79.50	60°
J-655-USA	J655	EXJ-655	WH-48-J-655	4D-2004	1.08"	27.43	3.12"	79.50	74°
J-656-USA	J656	EXJ-656	WH-59-J-656	-	2.62"	66.80	3.69"	93.72	90°
J-657-USA	J657	EXJ-657	WH-300-J-657	5D-1214	1.08"	27.43	4.00"	101.60	80°
J-658-USA	J658	EXJ-658	WH-300-J-658	-	1.08"	27.43	5.50"	139.70	80°
J-659-USA	J659	EXJ-659	WH-50-J-659	-	1.89"	48.00	3.50"	88.90	90°
J-659-4	-	EXJ-659-4	-	-	1.89"	48.00	4.00"	101.60	90°
J-659-5	-	EXJ-659-5	-	-	1.89"	48.00	5.00"	127.00	90°
J-659-6	-	EXJ-659-6	-	-	1.89"	48.00	6.00"	152.40	90°
J-660-USA	J660	-	WH-50-J-660	-	1.89"	48.00	4.86"	119.00	90°
J-668-USA	J668	-	WH-51-J-668	-	5.12"	130.20	4.68"	119.00	90°
J-669-USA	J669 J-4000-2.5	EXJ-669 EXJ-4002.5	WH-45-2 1/2	-	1.08"	27.43	2.50"	63.50	90°
J-670-USA	J670	EX-3150/1	H-42	3D-2239	Fits TR SP1000, TR SP2, & TR SP3 spuds				
J670-3-USA*	J670	-	H-45	2D-2511	1.42"	36.07	-	-	-
J670SC-3-USA*	-	EX-3150	H-45	2D-2511	1.42"	36.07	-	-	-

\*Spud included (Spud Installation Torque: 175-200 in-lbs)



## Large Bore Swivel Valves

### Large Bore Swivel Valves

- Primarily used on tire sizes up to 49"
- Cap & core included
- Valves over 4.5" include a rubber protection sleeve
- Always use the proper valve for the application
- Do not alter the bend angle to fit an application
- **Additional lengths available upon request**



### TR-J4000 Series Swivel Valves

Dill P/N	TR #	Exactra #	Haltec #	A		B		C
				IN	MM	IN	MM	DEG
J-669-USA	J669-02 J-4000-2.5	EXJ-669	WH-45-2 1/2	1.08"	27.43	2.50"	63.50	90°
J-4000-3	J4000-3	EXJ-4003	-	1.08"	27.43	3.00"	75.20	90°
J-4000-4	J4000-4	EXJ-4004	WH-45-4	1.08"	27.43	4.00"	101.60	90°
J-4000-4.5	J4000-4.5	EXJ-4004.5	WH-45-4 1/2	1.08"	27.43	4.50"	114.30	90°
J-4000-5	J4000-5	EXJ-4005	WH-45-5	1.08"	27.43	5.00"	127.00	90°
J-4000-6	J4000-6	EXJ-4006	WH-45-6	1.08"	27.43	6.00"	152.40	90°
J-4000-7	J4000-7	-	WH-45-7	1.08"	27.43	7.00"	177.80	90°
J-4000-7.5	J4000-7.5	EXJ-4007.5	WH-45-7 1/2	1.08"	27.43	7.50"	190.50	90°
J-4000-8	J4000-8	EXJ-4008	WH-45-8	1.08"	27.43	8.00"	203.20	90°
J-4000-9	J4000-9	EXJ-4009	WH-45-9	1.08"	27.43	9.00"	228.60	90°
J-4000-10	J4000-10	EXJ-4010	WH-45-10	1.08"	27.43	10.00"	254.00	90°
J-4000-10.5	J4000-10.5	EXJ-4010.5	WH-45-10 1/2	1.08"	27.43	10.50"	266.70	90°
J-4000-11	J4000-11	EXJ-4011	-	1.08"	27.43	11.00"	279.40	90°
J-4000-12	J4000-12	EXJ-4012	WH-45-12	1.08"	27.43	12.00"	304.80	90°
J-4000-13	J4000-13	EXJ-4013	WH-45-13	1.08"	27.43	13.00"	330.20	90°
J-4000-16	J4000-16	EXJ-4016	-	1.08"	27.43	16.00"	406.40	90°
J-4000-24	J4000-24	EXJ-4024	WH-45-24	1.08"	27.43	24.00"	609.60	90°
J-4000-28	J4000-28	EXJ-4028	WH-45-28	1.08"	27.43	28.00"	711.20	90°
J-4000-29.5	J4000-29.5	EXJ-4029.5	WH-45-29 1/2	1.08"	27.43	29.50"	749.30	90°
J-4000-30	J4000-30	EXJ-4000-30	WH-45-30	1.08"	27.43	30.00"	762.00	90°
J-4000-32	J4000-32	EXJ-4032	WH-45-32	1.08"	27.43	32.00"	812.80	90°
J-4000-36	J4000-36	EXJ-4036	WH-45-36	1.08"	27.43	36.00"	914.40	90°



## Large Bore Swivel Valves

Dill P/N	Exactra #	Haltec #	IN	MM	IN	MM	DEG
J-4000-3.5	-	-	1.08"	27.43	3.50"		90°
J-4000-14	-	-	1.08"	27.43	14.00"	355.60	90°
J-4000-25.5	-	-	1.08"	27.43	25.50"	647.70	90°
J-4000-26	-	-	1.08"	27.43	26.00"	660.40	90°
J-4000-4.5-80	EX-3101/1	WH-300-4 1/2	1.08"	27.43	4.50"	114.3	80°
J-4000-9-80	EX-3110/1	WH-300-9	1.08"	27.43	9.00"	228.6	80°
J-4000-10-80	EX-3110/3	-	1.08"	27.43	10.00"	254	80°

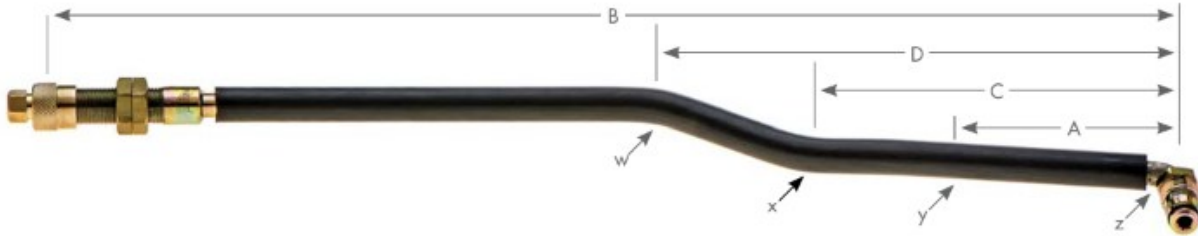
### Large Bore Dual Spud Straight Swivel Valves

Dill P/N	Exactra #	Haltec #	Length	
			IN	MM
DS-4000-6.5	EXJ-4006.5-ST	WH-44-6 1/2	6.50"	165.10
DS-4000-9	EXJ-4009-ST	WH-44-9	9.00"	228.60
DS-4000-12	EXJ-4012-ST	WH-44-12	12.00"	304.80
DS-4000-14	EXJ-4014-ST	WH-44-14	14.00"	355.60
DS-4000-29.5	EXJ-4029.5-ST	WH-44-29 1/2	29.50"	749.30
DS-4000-34.5	EXJ-4034.5-ST	WH-44-34 1/2	34.50"	876.30



DS-4000-9

Other lengths available upon request



### TR-J600 Series Multi-bend Swivel Valves — 2 bends

Dill P/N	TR #	Exactra #	Haltec #	A	B	C	X°	Z°
J-661-USA	J661-02	EXJ-661	WH-70-J-661	-	4.50"	1.88"	8°	82°
J-664-USA	J664-02	EXJ-664	WH-70-J-664	-	8.75"	4.00"	13°	90°
J-667-USA	J667-02	EXJ-667	WH-70-J-667	-	7.50"	3.00"	11°	90°

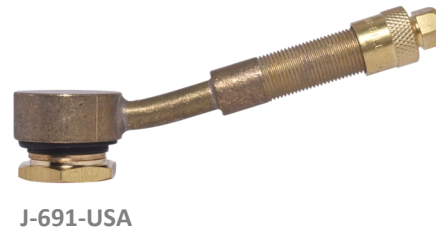
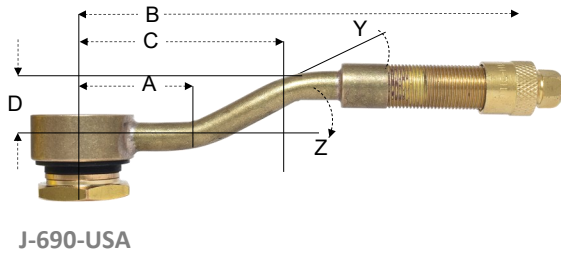
### TR-J600 Series Multi-bend Swivel Valves — 3 bends

Dill P/N	TR #	Exactra #	Haltec #	A	B	C	D	W°	X°	Y°	Z°
J-662-USA	J662-02	EXJ-662	WH-75-J-662	-	14.00"	4.50"	5.87"	20°	20°	-	90°
J-663-USA	J663-02	EXJ-663	WH-75-J-663	-	25.00"	2.00"	6.00"	8°	8°	-	90°
J-665-USA	J665-02	EXJ-665	WH-75-J-665	-	32.00"	2.00"	5.94"	13°	13°	-	90°
J-666-USA	J666-02	EXJ-666	WH-75-J-666	3.28"	20.12"	4.38"	6.22"	31°	31°	6°	84°



### Large Bore Turret Valves

- Installation Torque: 175-200 in-lbs
- Primarily used on planetary gear wheels
- Commonly used on low clearance applications that do not allow for swivel valve & spud
- Includes core, cap, nut, & grommet



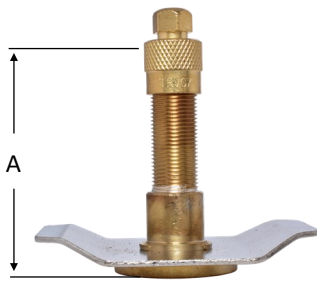
### TR-690 Series Turret Style Valves

Dill P/N	TR #	Exactra #	Haltec #	A		B		C		D		Y	Z
				IN	MM	IN	MM	IN	MM	IN	MM	DEG	DEG
J-690-USA	J690	EXJ-690	WH-330-J-690	1.25"	31.75	4.96"	125.98	2.31"	58.67	0.56"	14.22	28°	28°
J-690B-USA	-	EXJ-690B	-	0.75"	19.05	3.75"	95.25	1.75"	44.45	0.56"	14.22	28°	28°
J-691-USA	J691	EXJ-691	WH-330-J-691	0.62"	16.75	3.31"	84.07	-	-	-	-	-	18°
J-691B-USA	-	EX-691B	-	0.75"	19.05	3.00"	76.20	1.20"	30.48	0.40"	10.16	28°	28°
J-692-USA	J692	EXJ-692	WH-330-J-692	1.25"	31.75	4.69"	119.12	2.31"	58.67	0.56"	14.22	18°	28°
J-693-USA	J693	EXJ-693	WH-330-J-693	0.88"	22.35	5.00"	127.00	1.69"	42.92	0.81"	20.57	45°	45°
J-694-USA	J694	EXJ-694	WH-330-J-694	0.78"	19.81	3.50"	88.90	-	-	-	-	-	28°
J-695-USA	J695	EXJ-695	WH-330-J-695	0.81"	20.57	4.12"	104.65	2.19"	55.62	1.00"	25.40	50°	50°
J-696-USA	J696	EXJ-696	WH-330-J-696	1.06"	26.92	4.25"	107.95	2.06"	52.32	0.91"	23.11	42°	42°
J-697-USA	-	EXJ-697	-	-	-	5.50"	139.70	3.50"	88.90	-	-	25°	-

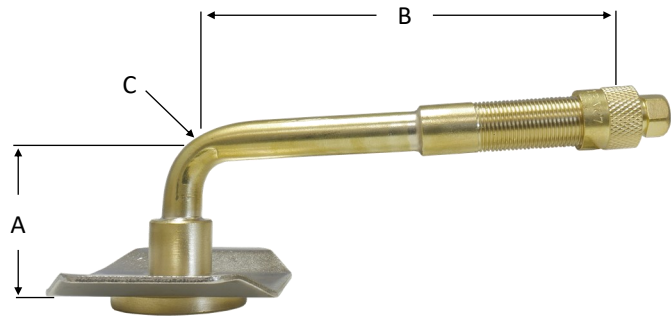


## Large Bore Screw-on Repair Valves

- For use on tube type tires
- Screws onto SP1000 tube type spud with 0.482-26 threads (TR12V1)
- Include valve core & valve cap



J-1014



J-1175C

### Screw-on Repair Valves

Dill P/N	TR #	Exactra #	Haltec #	A		B		C
				IN	MM	IN	MM	DEG
J-1078A	J-1078A	EX-1264	LB-226	5.78"	146.80	-	-	0°
J-1078C	J-1078C	EX-1265	LB-228	1.13"	28.58	4.825"	122.50	90°
J-1076E	J-1076E	EX-1266	LB-221	1.38"	34.93	3.00"	76.20	88°
J-1076B	J-1076B	EX-1267	LB-218	1.13"	28.58	3.25"	82.55	86°
J-1076A	J-1076A	EX-1268	LB-217	4.16"	105.66	-	-	0°
J-1076D	J-1076D	EX-1269	LB-220	2.06"	52.32	2.31"	58.67	90°
J-1014	J-1014	EX-1270	LB-216	1.91"	48.51	-	-	0°
J-1076C	J-1076C	EX-1271	LB-219	1.50"	3.81	2.83"	71.75	90°
J-1078B	J-1078B	EX-1272	LB-227	1.38"	34.93	4.63"	117.47	82°
J-1175C	J-1175C	EX-1273	LB-225	1.38"	34.93	4.13"	104.77	88°
J-1177A	J-1177A	EX-1274	RV-177A	4.50"	114.30	-	-	0°
J-1179B	J-1179B	EX-1275	LB-230	1.37"	34.93	5.25"	133.35	88°
J-1178A	J-1178A	EX-1276	LB-226	5.28"	134.11	-	-	0°
J-1175B	J-1175B	EX-1277	LB-224	1.25"	31.75	4.25"	107.95	82°
J-1179A	J-1179A	EX-1278	LB-229	6.40"	162.70	-	-	0°



### Special Formed Valves

- Replacement valves & extensions for Caterpillar trucks
- Valve styles include 70-HT valve core and hex cap
- For extension style, cap & core from valve should be transferred to extension during installation



### Caterpillar Original Equipment Components

Dill P/N	CAT #	Exactra #	Haltec #	Description	Bends	Overall Length	
						IN	MM
231-5112	231-5112	EX-231-5112	WHG-5112VC	Extension	4	28.00"	711.20
272-7948VC	272-7948	EX-272-7948VC	-	Valve	4	21.00"	533.40
272-7949VC	272-7949	EX-272-7949VC	-	Valve	4	29.00"	736.60
D-0585EC	6G-0585	EXD-0585EC	WHD-0585EC	Extension	4	17.31"	439.67
D-272-7940EC	272-7940	EXD-272-7940EC	WHD-7940EC	Extension	5	19.00"	482.60
D-5008EC	7D-5008	EXD-5008EC	WHD-5008EC	Extension	4	17.81"	452.37
D-7103EC	5T-7103	EXD-7103EC	WHD-7103EC	Extension	4	16.25"	412.75
D-7948EC	272-7948	EXD-7948EC	WHD-7948EC	Extension	4	21.00"	533.40
D-7949EC	272-7949	EXD-7949EC	WHD-7949EC	Extension	4	29.00"	736.60
D-8262EC	329-8262	EXD-8262EC	WHD-8262EC	Extension	6	30.00"	762.00
D-9903EC	5D-9903	EXD-9903EC	WHD-9903EC	Extension	4	16.88"	428.75
G-0570VC	6G-0570	EXG-0570VC	WHG-0570VC	Valve	5	19.97"	507.23
G-1450VC	6G-1450	EXG-1450VC	WHG-1450VC	Valve	5	32.88"	835.15
G-4985VC	8D-4985	EXG-4985VC	WHG-4985VC	Valve	4	19.75"	501.65
G-5200VC	2G-5200	EXG-5200VC	WHG-5200VC	Valve	5	27.00"	685.80
G-5410VC	6G-5410	EXG-5410VC	WHG-5410VC	Valve	5	31.56"	801.62
G-5420VC	2G-5420	EXG-5420VC	WHG-5420VC	Valve	5	33.00"	838.20
G-8018VC	6G-8018	EXG-8018VC	WHG-8018VC	Valve	4	26.75"	679.45
G-8019VC	6G-8019	EXG-8019VC	WHG-8019VC	Valve	1	8.00"	203.20
G-9440VC	2G-9440	EXG-9440VC	WHG-9440VC	Valve	5	27.00"	685.80

### Flexible Extensions

- Constructed of steel-braided, hydraulic type hose
- Equipped with reusable fittings
- Includes hex cap, heat resistant core, 2 lock nuts, 1 sealing nut
- *Additional lengths available upon request*

**MEETS MSHA  
FLAME-RESISTANT  
REQUIREMENTS**

30 CFR Part 18  
Section 18.65

### Large Bore Flexible Extension

Dill P/N	Exactra #	Haltec #	IN	MM
FLX-05	EX-6005	810F-5	5"	127.00
FLX-06	EX-6006	810F-6	6"	152.40
FLX-07	EX-6007	810F-7	7"	177.80
FLX-08	EX-6008	810F-8	8"	203.20
FLX-09	EX-6009	810F-9	9"	228.60
FLX-10	EX-6010	810F-10	10"	254.00
FLX-11	EX-6011	810F-11	11"	279.40
FLX-12	EX-6012	810F-12	12"	304.80
FLX-13	EX-6013	810F-13	13"	330.20
FLX-14	EX-6014	810F-14	14"	355.60
FLX-15	EX-6015	810F-15	15"	381.00
FLX-16	EX-6016	810F-16	16"	406.40
FLX-17	EX-6017	810F-17	17"	431.80
FLX-18	EX-6018	810F-18	18"	457.20
FLX-19	EX-6019	810F-19	19"	482.60
FLX-20	EX-6020	810F-20	20"	508.00
FLX-32	EX-6032	810F-32	32"	812.80



FLX-06

### Large Bore Flexible Extension Rebuild Kit

Dill P/N	Exactra #	Haltec #	
FLX-KIT	EX-6000K	-	Rebuild kit, including: (1) Male Fitting (1) Female Fitting (2) Coupling (1) Sealing Nut (1) Seal (2) 211 Nut





## Hand Bendable Extensions

- For use where a straight-on extension cannot be used
- Includes 2 lock nuts and 1 sealing nut
- Cap and core from valve should be transferred to extension during installation
- Extensions should be anchored to rim
- *Additional lengths available upon request*

### Large Bore Hand Bendable Extensions

Dill P/N	Exactra #	Haltec #	IN	MM
HB-03	EX-3003	753S-3	3"	76.20
HB-04	EX-3004	753S-4	4"	101.60
HB-05	EX-3005	753S-5	5"	127.00
HB-06	EX-3006	753S-6	6"	152.40
HB-07	EX-3007	753S-7	7"	177.80
HB-08	EX-3008	753S-8	8"	203.20
HB-09	EX-3009	753S-9	9"	228.60
HB-10	EX-3010	753S-10	10"	254.00
HB-11	EX-3011	753S-11	11"	279.40
HB-12	EX-3012	753S-12	12"	304.80
HB-13	EX-3013	753S-13	13"	330.20
HB-14	EX-3014	753S-14	14"	355.60
HB-15	EX-3015	753S-15	15"	381.00
HB-16	EX-3016	753S-16	16"	406.40
HB-17	EX-3017	753S-17	17"	431.80
HB-18	EX-3018	753S-18	18"	457.20
HB-19	EX-3019	753S-19	19"	482.60
HB-20	EX-3020	753S-20	20"	508.00



HB-06

## Large Bore Extensions



RE-06

### Large Bore Rigid Extension

Dill P/N	Exactra #	Haltec #	IN	MM
RE-02	EX-2002	867-2	2"	50.80
RE-03	EX-2003	867-3	3"	76.20
RE-04	EX-2004	867-4	4"	101.60
RE-05	EX-2005	867-5	5"	127.00
RE-06	EX-2006	867-6	6"	152.40
RE-07	EX-2007	867-7	7"	177.80
RE-08	EX-2008	867-8	8"	203.20
RE-09	EX-2009	867-9	9"	228.60
RE-10	EX-2010	867-10	10"	254.00
RE-11	EX-2011	867-11	11"	279.40

### Large Bore Rigid Extension

Dill P/N	Exactra #	Haltec #	IN	MM
RE-12	EX-2012	867-12	12"	304.80
RE-13	EX-2013	867-13	13"	330.20
RE-14	EX-2014	867-14	14"	355.60
RE-15	EX-2015	867-15	15"	381.00
RE-16	EX-2016	867-16	16"	406.40
RE-17	EX-2017	867-17	17"	431.80
RE-18	EX-2018	867-18	18"	457.20
RE-19	EX-2019	867-19	19"	482.60
RE-20	EX-2020	867-20	20"	508.00

*Additional lengths available upon request*

Large Bore Extensions



VS-985-02



EXT-670



301-A



302-A

### Large Bore Misc. Valves & Extensions

Dill P/N	TR #	Exactra #	Haltec #	
VS-985	-	EX-6047	H-47	1.69in/40mm effective length, 1/4 NPT, tubeless valve body
VS-985-02	J671	EX-6047	H-47	1.69in/40mm effective length, 1/4 NPT; includes 70HT valve core & hex cap
VS-1065/R	-	EXT-670	T-670	1.063-12 thread large bore loader valve; CAT OE: 5V-8927
301-A	-	-	TV-5905	3.6in/92mm effective length, 90°; for tube valve applications
302-A	-	-	TV-5905	1.7in/45mm effective length, 80° bend; for tube valve applications



## Air Liquid Valves



6489



6489A



CH-3D



VS-902-WZP



VS-902-WZPL

### Air-Liquid Core Housings

Dill P/N	TR #	Exactra #	Haltec #	
6489	CH1	EX-CH1	TV-CH-1	Fits old style TR218 & TR220 valves
6489A	CH3	-	TV-CH-3	Air Liquid Valve; Octagon grip; O-ring seal; Core remover cap; <b>USA Made</b>
CH-3D	CH3	EX-683A	TV-CH-3	Air Liquid Valves; Standard Bore w/ knurled grip; O-ring seal; Brass cap Installation torque: 3 in-lbs.

Tubeless Plugs				
VS-902-WZP	-	EX-670P	N-1012S	Plug seal for 0.625in / 15.87mm valve hole; 0.70in / 17.78mm effective length Installation torque: 30-55 in-lbs.
VS-902-WZPL	-	-	N-1012HP	Plug seal for 0.625in / 15.87mm valve hole; 1.12in / 28.5mm effective length Installation torque: 30-55 in-lbs.



VS-714A3-250



VS-714B



VS-714-WZA



VS-714-WZD



VS-714-WZD/643



VS-714-SS



VS-714P

### 0.625" Tractor Air-Liquid Tubeless Valves

Dill P/N	TR #	Haltec #	Style	Length	Cap Style	Core Housing	Material	Pack Quantity
VS-714AR-643	618A	-	Clamp-in	1.88"	Screwdriver	Octagon	Brass	10 (see VS-714-WZA image)
VS-714-A3-250	618A	-	Clamp-in	1.88"	Screwdriver	Knurled	Brass	250 (bulk, unassembled)
VS-714B	618B	TV-618B	Clamp-in	1.45"	Dome	Knurled	Brass	50
VS-714-WZA-10	618A	-	Clamp-in	1.88"	Screwdriver	Octagon	Brass	10
VS-714-WZA	618A	-	Clamp-in	1.88"	Screwdriver	Octagon	Brass	250
VS-714-WZD	618A	TV-618A	Clamp-in	1.88"	Dome	Knurled	Brass	10
VS-714-WZD/655	618A	TV-618A	Clamp-in	1.88"	Dome	Knurled	Brass	250 (see VS-714-WZD image)
VS-714-WZD/643	618A	-	Clamp-in	1.88"	Screwdriver	Knurled	Brass	250
VS-714-SS	618A	TV-618A-SS	Clamp-in	1.88"	Dome	Knurled	Stainless Steel	250
VS-714P	-	TV-618RB	Snap-in	1.88"	Dome	Knurled	Brass / Rubber	100

### 0.812" (13/16) Tractor Air-Liquid Tubeless Valves

VS-715A	619A	N-1000 / TV-619A	Clamp-in	1.88"	Dome	Knurled	Brass	10
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## 70-HT - Valve Core

TR: C2 EXACTRA: EX-1280A HALTEC: A-145 CAT OE: 6F-3930

- USA-Made valve core
- Max working pressure: 450 psig
- Temperature Rating: -65°F to 250°F (-53°C to 121°C)
- Pin Travel: 0.13"
- Silicone cup seal material



## 70-HV - Valve Core

TR: C2 EXACTRA: - HALTEC: -

- USA-Made valve core
- Max working pressure: 450 psig
- Temperature Rating: -65°F to 250°F (-53°C to 121°C)
- Pin Travel: 0.13"
- Viton cup seal material



## 2114 - Valve Cap

TR: C10 EXACTRA: - HALTEC: -

- Material: Tin-plated Brass
- Pressure Rating: 0-250 psi (0-1700 kPa)
- Temperature Rating: -40°F to 250°F (-40°C to 121°C)



## 8971 - Valve Cap

TR: VC6 EXACTRA: EX-1281 HALTEC: A-148 CAT OE: 6F-3931

- Screwdriver cap
- Material: Brass



## 8971H - Valve Cap

TR: VC7 EXACTRA: EX-1283 HALTEC: A-149 CAT OE: 9K-7951

- Hex cap
- Material: Brass



## 8807 - Valve Stem Adapter

TR: AD1 EXACTRA: EX-AD1 HALTEC: AD-1

- Adapter to reduce large bore to standard bore
- Fits 0.305-32 valve core threads



## 9061 - Valve Stem Adapter

TR: - EXACTRA: EXN-1285 HALTEC: N-1285 CAT OE: 1Q-6285

- Adapter to reduce large bore to standard bore
- Fits over 0.485-26 valve cap threads





## **VS-977 - Valve Spud**

TR: SP2 EXACTRA: EX-1302 HALTEC: H-41 CAT OE: 7D-5252

- Tubeless spud for Large Bore swivel valves
- Fits 0.812" / 20.62mm valve hole
- Installation Torque: 175-200 in-lbs.



## **VS-977-P - Valve Hole Plug**

TR: - EXACTRA: EX-1300 HALTEC: T-30

- Plug seal for 0.812" / 20.62mm valve hole
- Installation torque: 175-200 in-lbs.



## **SPL-12 - Screw-in Spud**

TR: - EXACTRA: EXC-10 HALTEC: C-10

- Spud to fit 1/2" NPT threaded rim valve hole
- Will accept all large bore swivel valves



## 211 - Hex Nut

TR: HN1 EXACTRA: EX-HN1 HALTEC: 464

- Fits 0.485-26 thread on Large Bore
- 5/8" / 15.87mm hex



## 8771 - Lock Nut

TR: LN-10 EXACTRA: LN-10B

- Fits TR 218A/220A
- Material: Brass



## 8771A - Lock Nut

TR: LN-10 EXACTRA: LN-10B

- Fits TR 218A/220A
- Material: Nylon



## 447 - Grommet

TR: RG7 EXACTRA: EXRG-7 HALTEC: G-166

- Fits TR 618A-623A air/liquid valves
- EPDM Rubber



## 454 - Grommet

TR: RG22 EXACTRA: EXRG-22 HALTEC: G-160

- Fits TR SP2 spud
- 0.812" / 20.62mm valve hole
- EPDM Rubber





# Large Bore Chucks & Gauges



6294-D



6294-E



9038/9040



8911-L



565



8914-L



7245-USA



7247-USA



6178-USA

## Large Bore Chucks

Dill P/N	Haltec #	Comments	Connection	Air Flow
565	326	Large Bore screw-on chuck; fits directly onto valve w/ core removed to seat bead	1/2" NPT Male	Open
6178-USA	322	Large Bore chuck assembly; nickel plated brass	1/4" NPT Female	Closed
6294-D	-	Large Bore clip-on chuck (nickel plated clip)	1/4" NPT Female	Closed
6294-E	-	Large Bore clip-on chuck (black plated clip)	1/4" NPT Female	Open
7245-USA	-	Standard & Large Bore 90° air chuck; 200psi max pressure; 9" length (Chrome)	1/4" NPT Female	Closed
7247-USA	-	Standard & Large Bore 90° air chuck; 200psi max pressure; 13" length (Chrome)	1/4" NPT Female	Closed
8911-L	328	Large Bore nut locks on valve when chuck is cocked on threads	1/4" NPT Female	Closed
8914-L	377	Large Bore straight push-on lock-on chuck with 5.5" handle	1/4" NPT Female	Closed
9038	H-4660A	Large Bore clip-on chuck	1/4" NPT Female	Closed
9040	-	Large Bore clip-on chuck	1/4" NPT Female	Open



## Large Bore Gauges

Dill P/N	Haltec Equivalent	Comments	Finish
7226-H	GA-240	Air pressure gauge for standard & large bore; 20-120psi	Chrome
7233	GA-255	Service Gauge for standard & large bore; 10-150psi; 360° swivel	Chrome

### Gauge Check Station

Dill P/N	Haltec #	Comments	Pressure Range
8500	GCS-A	Gauge Check Station with standard bore & large bore access Liquid Fill Gauge <i>Made in USA!</i>	1-160 psi
8500-D	GCS-D	Gauge Check Station with standard bore & large bore access Digital Gauge <i>Made in USA!</i>	1-160 psi



5209L



8909C

### Large Bore Tools

Dill P/N	Exactra #	Haltec #	
5209L	EX-1522	TL-695	Large Bore Valve Tool repairs damaged threads & removes damaged valve cores
8909C	EX-609LB	8909-C	Large Bore Fishing Tool guides, aligns, & holds valve while mounting tire

### Large Bore Tool Kit

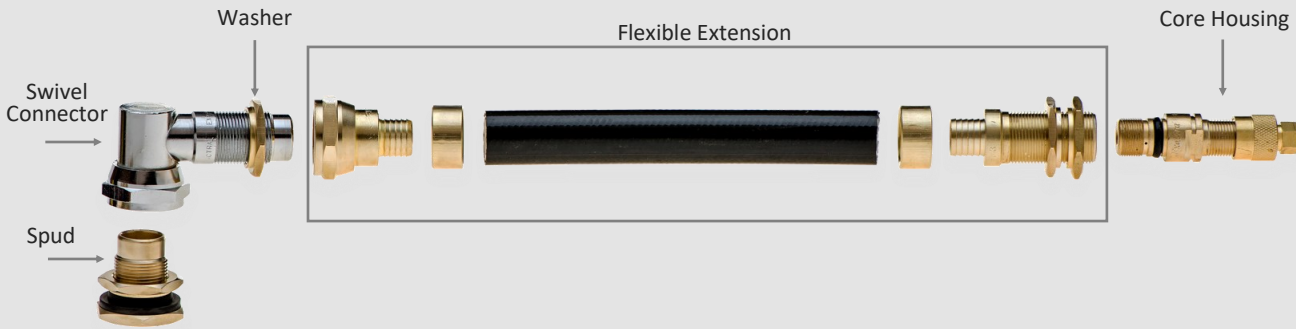
- Dill P/N 5260
  - Includes tacklebox style case w/ one each of: 5261, 5262, 5264, 5265, 5266, 5267

Note: Some handle styles/colors may be different than pictured



### Large Bore Hand Tools

Dill P/N	Exactra #	Haltec #	
5209L	EX-1522	TL-695	4-way tool for repairing damaged threads & removing damaged valve cores
5261	EX-1018	-	Large Bore Hex Head Valve Cap Tool (6 1/2" length)
5262	-	-	Refacer for repairing damaged valve cap seat on valve stem
5264	-	-	Seating tool for repairing damaged valve seat
5265	EX-1016	N-1910	Valve Core Screwdriver allows for gripping valve core during removal/fitment
5267	EX-1021	-	Valve Core Easy-Out tool for valve core removal



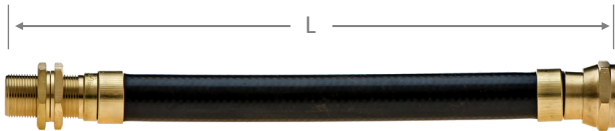
## SLB Flexible Valve Extensions



SLB-EX-length

### SLB-EX-length

- Flexible extension used for SLB valve series assemblies
- Specify effective length required when ordering
- Installation Torque: 25-40 in-lbs.



SLB-EX-HD-length

### SLB-EX-HD-length

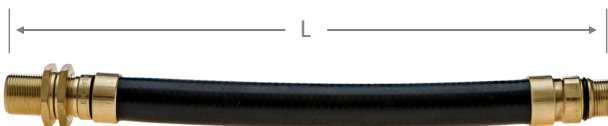
- Steel Braided Heavy Duty Flexible Extension used for SLB valve series assemblies
- Steel braided hose features better resistance to heat, friction, and kinking
- Heavy Duty extensions can be reused
- Specify effective length required when ordering
- Installation Torque: 25-40 in-lbs.



L965-length

### L965-length

- Flexible extension used for double spud assemblies
- Specify effective length required when ordering
- Installation Torque: 25-40 in-lbs.



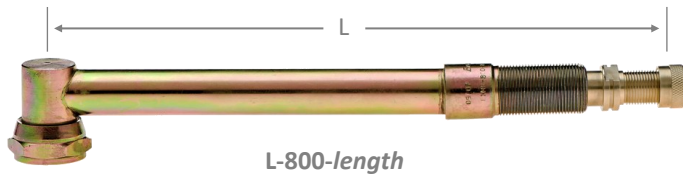
L965-HD-length

### L965-HD-length

#### TR# L965

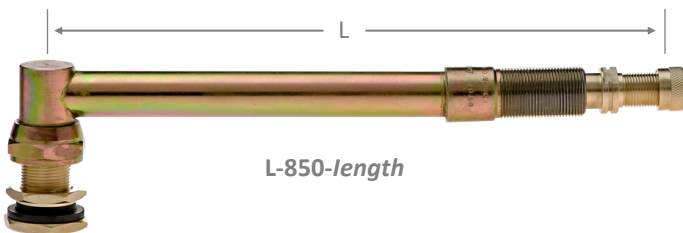
- Steel Braided Heavy Duty Flexible extension used for double spud assemblies
- Steel braided hose features better resistance to heat, friction, and kinking
- Heavy Duty extensions can be reused
- Specify effective length required when ordering
- Installation Torque: 25-40 in-lbs.

## Rigid Swivel Valves



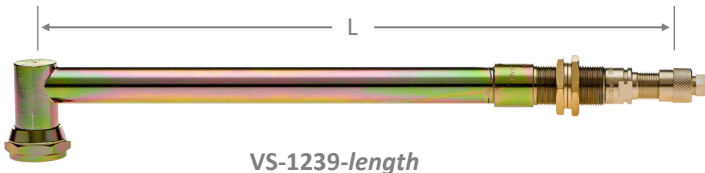
### L-800-length

- Rigid Swivel Valve Assembly
- Includes CH-8 core housing & (2) HN-80 jam nuts
- Designed to fit SP8, SP8-L, SPS-12 rim spuds
- Installation Torque: 25-40 in-lbs.



### L-850-length

- Rigid Swivel Valve Assembly
- Includes SP8 clamp-in spud, CH-8 core housing, & (2) HN-80 lock nuts
- Torque swivel to specification
- Spud Torque: 175-200 in-lbs.



### VS-1239

EXACTRA: EX-1239 HALTEC: N-1239 CAT OE: 251-6360

- Rigid valve assembly for CAT-793
- Includes CH-8 core housing
- Does not include rim spud
- Designed to fit SP8, SP8-L, & SPS-12 rim spuds
- Installation Torque: 25-40 in-lbs.



## Super Large Bore



LS-0290



LS-6779

### Super Large Bore Turret Valves

Dill P/N	Exactra #	Haltec #	CAT OE #	IN	MM	DEG	Torque	Application
L-890-6	EXMR-890-6	MR-890-6	-	6.00"	152.40	90°	175-200 in-lbs	13/16" Rim Hole
L-890-8	EXMR-890-8	MR-890-6	-	8.00"	203.20	90°	175-200 in-lbs	13/16" Rim Hole
LS-0764	EX-117-0764	117-0764	117-0764	6.75"	171.45	15°	175-200 in-lbs	Caterpillar 980D Medium Wheel
LS-0290	EX-144-0290	N-1538B	144-0290	8.00"	203.20	15°	175-200 in-lbs	Caterpillar 988G Large Wheel
LS-6779	EX-146-6779	N-1543A	146-6779	6.13"	155.57	15°	175-200 in-lbs	Caterpillar 980G Medium Wheel

Machined with Brass material for longer life where calcium chloride type ballast is used. Include heat resistant Viton grommet.



CH-8



SLB-SCH



SLB-16

### Super Large Bore Core Housings, Valve Assemblies, Etc.

Dill P/N	TR #	Exactra #	Haltec #	CAT OE #	
AD5-90-CH8	-	EXM-2000	M-2000	-	Super Large Bore Straight Valve Assembly 90° angle, includes AD5-90 swivel connector & CH8 core housing
CH-8	CH-8	EXR-520	R-520	5T-9797	Super Large Bore Core Housing Includes heat resistant core & large bore hex cap
CH-16	CH-16	EXR-625	R-372	-	Super Large Bore Core Housing w/ Standard Bore Valve Tip For TR-SP8B or TR-SP9 spuds; installation torque: 10 in-lbs.
L870	-	EXM-1870	M-1870	-	Super Large Bore Straight Valve Assembly Includes SP-8 clamp-in spud & CH8
SLB-CAP	-	EX-445	A-449	-	Super Large Bore Valve Cap Protects threads on flexible extensions and core housings
SLB-HOSE	-	EXR-760	R-760	-	Super Large Bore Flexible Tubing Used to make SLB flexible extensions. Available in 100' rolls.
SLB-HOSE-HD	-	EXR-760HD	-	-	Super Large Bore Heavy Duty Flexible Tubing Steel-braided hose used to make SLB flexible extensions for use in extreme conditions such as heat, friction, and/or collapsing/kinking. Reusable.
SLB-SCH	-	EXR-521	R-521	2G-9668	Super Large Bore Core Housing To be used with SPS-3416 spud
SPS-3416-SCH	-	EXM-1000	M-5000	9D-0523	Super Large Bore Straight Valve Assembly Most commonly used on scrapers having a threaded rim valve hole of 3/4"-16 thread and O-ring seal. Includes SPS-3416 spud and SLB-SCH core housing.
SLB-FLX-KIT	-	EXR-969K1	R-969-K-1	-	Kit including 1 each of: core housing, straight tubing connector, extension swivel & 2 each of: sleeves, lock nuts
SLB-FLX-KIT-CH8	-	EXR-969K	R-969-K	-	Kit including 1 each of: straight tubing connector, extension swivel & 2 each of: sleeves, lock nuts

## AD4 - Adapter

TR: - EXACTRA: EXH-4000 HALTEC: H-4000

- Standard to Large Bore Adapter
- Converts tubes with SP-1000 spud to accept large bore swivel valve



## AD4-3 - Adapter

TR: - EXACTRA: EXH-4000/1 HALTEC: H-4000-1

- Same as AD4 without bridge washer & nut



## SP8-CH16 - Valve Assembly

TR: - EXACTRA: EXR-626 HALTEC: H-50

- Air Water Valve Assembly
- Includes EXR-625 core housing & SP8 spud



## SLB-FLX-SVL - Swivel Connector

TR: - EXACTRA: EXR-762S HALTEC: R-762S

- Swivel Connector
- Used to make up various SLB flexible extensions



## SPS-12 - Screw-in Spud

TR: SP9 EXACTRA: EXC-100 HALTEC: C-100

- Screw-in spud for fitment in 1/2" NPT valve hole



## SPS-12-85 - Screw-in Spud

TR: - EXACTRA: SXL-1006 HALTEC: S-85

- Screw-in spud for fitment in 1/2" NPT valve hole





# Super Large Bore Spuds

## SPS-12-NT - Screw-in Spud

TR: - EXACTRA: EXC-155 HALTEC: C-155

- Same as SPS-12 without internal threads



## SPS-34 - Screw-in Spud

TR: - EXACTRA: EXC-120 HALTEC: N-1066

- Screw-in spud for fitment in 3/4" NPT threaded valve hole



## SPS-3416 - Screw-in Spud

TR: - EXACTRA: EXC-200 HALTEC: C-533

- Screw-in spud for fitment in 3/4"-16 straight threaded valve hole
- Includes O-ring seal
- Used with SLB-SCH core housing



## SP8 - Clamp-in Spud

TR: SP8B EXACTRA: EXT-81 HALTEC: T-81 CAT OE: 8X-2700

- Clamp-in spud fits 13/16" rim valve hole
- Includes Viton grommet
- Torque: 175-200 in-lbs



## SP8-L - Clamp-in Spud

TR: - EXACTRA: EXT-82 HALTEC: T-82 CAT OE: 5T-9798

- Same as SP8, with additional 9/32" length
- Includes Viton grommet



## TS-11 - Clamp-in Spud

TR: - EXACTRA: EXDS-210 HALTEC: -

- Clamp-in double end spud to fit 13/16" rim valve hole
- Includes Viton grommet



## TS11-NPT - Screw-in Spud

TR: - EXACTRA: EXDS-210P HALTEC: -

- Screw-in double end spud to fit 1/2" NPT threaded rim valve hole



**SPS-12-75 - Screw-in Spud | 75°**

TR: SP9 EXACTRA: EXS-75 HALTEC: -

- Screw-in Angle Spud
- 75° angle for use on 1/2" NPT thread valve hole

**SPS-12-75-W - Screw-in Spud | 75°**

TR: - EXACTRA: EXS-75D HALTEC: -

- Screw-in Angle Spud
- Same as SPS-12-75 with added locking nut w/ Teflon seal

**SPS-12-85 - Screw-in Spud | 85°**

TR: - EXACTRA: EXS-85 HALTEC: -

- Screw-in Angle Spud
- 85° angle for use on 1/2" NPT threaded valve hole

**SPS-34-75 - Screw-in Spud | 75°**

TR: - EXACTRA: EXS-75/1 HALTEC: -

- Screw-in Angle Spud
- 75° angle for use on 3/4" NPT threaded valve hole

**SPS-34-85 - Screw-in Spud | 85°**

TR: - EXACTRA: EXS-85/1 HALTEC: SLB-85

- Screw-in Angle Spud
- 85° angle for use on 3/4" NPT thread valve hole

**SPS-34-85-W - Screw-in Spud | 85°**

TR: - EXACTRA: EXS-85D HALTEC: S-85-D

- Screw-in Angle Spud
- Same as SPS-34-85 with added locking nut w/ Teflon seal

**SPS-1316-85 - Clamp-in Spud | 85°**

TR: - EXACTRA: EXT-85 HALTEC: -

- Clamp-in Connector
- 85° angle for use on 13/16" rim hole valve



**Super Large Bore Swivel Angle Connectors**

- All SLB swivel angle connectors fit onto SLB rim spuds
  - SPS-12, SPS-34, SPS-12-NT, SPS-3416
- Used to join flexible extensions to rim spuds
- Installation Torque: 25-40 in-lbs.



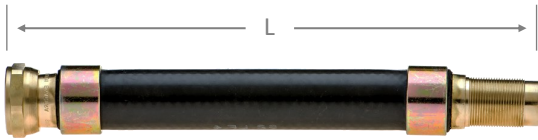
AD5-90

**Super Large Bore Swivel Angle Connectors**

Dill P/N	TR #	Exactra #	Haltec #	CAT OE #	Angle
AD5-60	AD5-60	EXR-660	R-660	8W-0331	60°
AD5-70	AD5-70	EXR-670	-	-	70°
AD5-75	AD5-75	EXR-675	R-675	-	75°
AD5-80	AD5-80	EXR-680	R-625	-	80°
AD5-85	AD5-85	EXR-685	R-685	-	85°
AD5-90	AD5-90	EXR-525	R-525	5T-9796	90°



## SXL Flexible Valve Extensions



*SXL-EX-length*

### *SXL-EX-length*

- Flexible Extension used in SXL valve assemblies
- Specify effective length required when ordering



*SXL-EX-HD-length*

### *SXL-EX-HD-length*

- Steel Braided Heavy Duty Flexible Extension
- Steel braided hose features better resistance to heat, abrasion, & has tighter bend radius
- Primarily used in applications related to long haul, high speed, & heavy loads combined with low clearance between drive/brake mechanisms and wheel assembly.
- Specify effective length required when ordering



# Super Extra Large Bore Spuds

## SPX-12 — Screw-in Spud

EXACTRA: SXL-1005 HALTEC: Z1

- Fits SXL swivel connectors for 1/2" NPT threaded valve hole



## SPX-34 — Screw-in Spud

EXACTRA: SXL-1009 HALTEC: Z13

- Fits 3/4" NPT threaded valve hole for SXL swivel connectors



## SPX-1316 — Clamp-in Spud

EXACTRA: SXL-1008 HALTEC: Z2

- Fits 13/16" rim valve hole
- Accepts all SXL swivel connectors & SXL-CH core housing



## SPX-1316-L — Clamp-in Spud

EXACTRA: SXL-1008L HALTEC: -

- Longer version of SPX-1316
- Fits 13/16" rim valve hole
- Accepts all SXL swivel connectors & SXL-CH core housing





## Super Extra Large Bore Swivel Angle Connectors

- Designed fit onto SXL rim spuds
  - SPX-1316, SPX-1316-L, SPX-12, & SPX-34
- Used to join flexible extensions to rim spuds



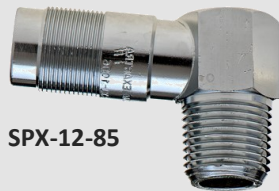
ADX-90

### Super Extra Large Bore Swivel Angle Connectors

Dill P/N	Exactra #	Haltec #	Angle
ADX-60	SXL-1015	Z3-60	60°
ADX-75	SXL-1014	Z3-75	75°
ADX-80	SLX-1013	Z3-80	80°
ADX-85	SXL-1012	-	85°
ADX-90	SXL-1010	Z3-90	90°

## Super Extra Large Bore Screw-in Connectors

- 1/2-14 NPT
- Installation Torque: 25-40 in-lbs.



SPX-12-85

### Super Extra Large Bore Screw-in Connectors

Dill P/N	Exactra #	Haltec #	Angle	Valve Hole Fitment
SPX-12-85	SXL-1006	Z4	85°	1/2" NPT
SPX-34-85	SXL-1018	Z24	85°	3/4" NPT

### ADX-60-CHX — Swivel Assembly

EXACTRA: SXL-1500 HALTEC: -

- Assembly consisting of SXL-CH housing and ADX-90 connector



### SXL-CH — Core Housing

EXACTRA: SXL-1050 HALTEC: Z10

- Used with SXL angle connectors, flexible extensions, & various spuds



### SXL-HOSE — Flexible Tubing

EXACTRA: SXL-1075 HALTEC: Z-100

- 5/8" ID to make SXL flexible extensions
- 100' roll



### SXL-HOSE-HD — Heavy Duty Flexible Tubing

EXACTRA: SXL-1075HD HALTEC: -

- 5/8" ID to make SXL flexible extensions
- 100' roll
- Heat resistant hydraulic type hose
- Used for flexible extension assemblies
- Steel braided hose features better resistance to heat, friction, and kinking

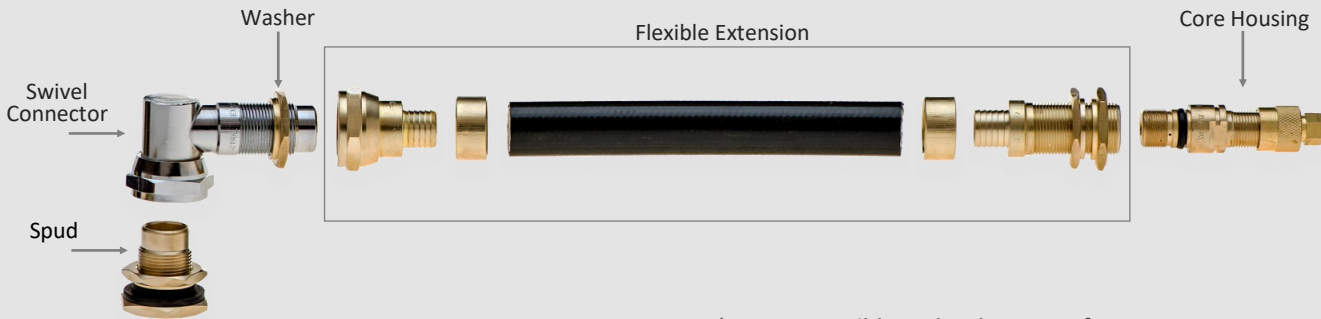


## Super Extra Large Bore Flexible Extension Assembly Kits

Dill P/N	Exactra #	Haltec #	
SXL-FLX-KIT-CH8	160	-	Kit includes the following components for field assembly: 1 each of: core housing, straight tubing connector, extension swivel 2 each of: sleeves, lock nuts
SXL-FLX-KIT	SXL-1401K	-	Kit includes the following components for field assembly: 1 each of: straight tubing connector, extension swivel 2 each of: sleeves, lock nuts

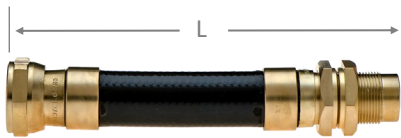


Use with installation kit on page 37 & SXL-Hose



*\*Not compatible with other manufacturer components*

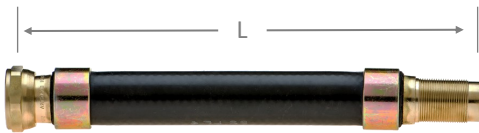
## SGB Flexible Valve Extensions



**SGB-EX-length**

**SGB-EX-length**

- Flexible Extension only
- Specify effective length required when ordering



**SGB-EX-HD-length**

**SGB-EX-HD-length**

- Flexible Extension only
- Steel Braided Heavy Duty Flexible Extension used for SLB valve series assemblies
- Steel braided hose features better resistance to heat, friction, and kinking
- Specify effective length required when ordering
- Heat resistant hydraulic type hose

## **SGB-EX-6-ADG-90 — Super Giant Bore Swivel Valve Assembly**

EXACTRA: SGB-730-6

- Complete assembly including SGB-CH core housing, SPG-1516 spud, & ADG-90 swivel connector
- Used primarily on tire sizes 57" & 63" where there is sufficient clearance
- Angle connector compatible with MB-20 spud

## **SPG-1516-CHG — Super Giant Bore Swivel Valve Assembly**

EXACTRA: SGB-145

- Includes SPG-1516-C spud, ADG-90C connector, & SGB-CH core housing

## **SPG-1516-90-ASM — Super Giant Bore Swivel Valve Assembly**

EXACTRA: SGB-745

- Designed for compatibility with Mega Bore spuds
- Includes SGB-1516 spud, ADG-90 connector, & SGB-CH core housing
- Angle connector compatible with MB-20 spud

## **SPG-34-CHG — Super Giant Bore Straight Valve Assembly**

EXACTRA: SGB-141

- Includes SPG-34-C screw-in spud & SGB-CH core housing

## **SPG-1516-C-CHG — Super Giant Bore Straight Valve Assembly**

EXACTRA: SGB-140

- Includes SPG-1516-C clamp-in spud & SGB-CH core housing

## **SGB-HOSE — Flexible Tubing**

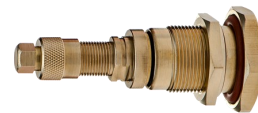
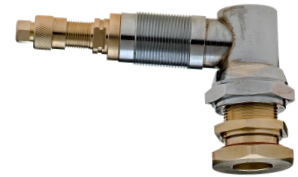
EXACTRA: SGB-165 HALTEC: R-761

- 3/4" ID to make SGB flexible extensions
- 100' roll

## **SGB-HOSE-HD — Heavy Duty Flexible Tubing**

EXACTRA: SGB-166C

- 3/4" ID to make SGB flexible extensions
- 100' roll
- Heat resistant hydraulic type hose





# Super Giant Bore Spuds

## **SGB-FLX-SVL — Super Giant Bore Swivel Connector**

EXACTRA: SGB-155

- Used to produce SGB-EX-6 flexible assemblies



## **SPG-34 — Super Giant Bore Rim Spud**

EXACTRA: SGB-715

- Fits 3/4" NPT tapped rim hole
- Designed for ADG-75C, 85C, & 90C swivel connectors
- Does NOT accept SGB-CH core housing



## **SPG-34-C — Super Giant Bore Rim Spud**

EXACTRA: SGB-115

- Fits 3/4" NPT tapped rim hole
- Designed for ADG-75c, 85C, & 90C swivel connectors
- Accepts SGB-CH core housing

SPG-34-C  
+  
SPG-34

## **SPG-1516 — Super Giant Bore Rim Spud**

EXACTRA: SGB-725

- Fits 15/16" rim hole
- Designed for ADG-75C, 85C, & 90C swivel connectors
- Does NOT accept SGB-CH core housing



## **SPG-1516-C — Super Giant Bore Rim Spud**

EXACTRA: SGB-725

- Fits 15/16" rim hole
- Designed for ADG-75C, 85C, & 90C swivel connectors
- Accepts SGB-CH core housing

SPG-1516-C  
+  
SPG-1516

## **SGB-CH — Core Housing**

EXACTRA: SGB-110

- Core housing for all Super Giant Bore (SGB) products



## Super Giant Bore Swivel Angle Connectors

- Designed to fit onto:
  - SPG-1516 clamp-in spud
  - SPG-34 screw-in spud



ADG-85

### Super Giant Bore Swivel Angle Connectors

Dill P/N	Exactra #	Angle
ADG-75	SGB-775	75°
ADG-85	SGB-785	85°
ADG-90	SGB-790	90°

## Super Giant Bore Swivel Connectors

- Designed to fit onto:
  - SPG-1516-C clamp-in spud
  - SPG-34-C screw-in spud
  - Installation Torque: 25-40 in-lbs.



ADG-85C

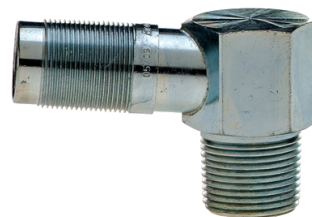
### Super Giant Bore Swivel Angle Connectors

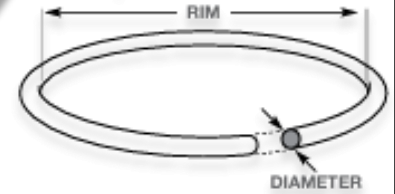
Dill P/N	Exactra #	Angle
ADG-70C	SGB-170	70°
ADG-75C	SGB-175	75°
ADG-85C	SGB-185	85°
ADG-90C	SGB-190	90°

### SPG-34-85 — Super Giant Bore Spud/Connector | 85°

EXACTRA: - HALTEC: -

- 85° angle screw-in spud/connector
- Fits 3/4" NPT threaded valve hole

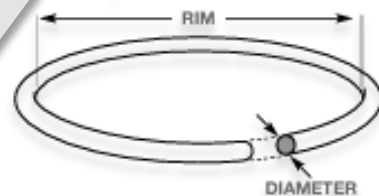




- Constructed of an engineered thermos-polymer material
  - Optimal hot and cold temperature resistance  
-65°F to 275°F (-53°C to 135°C)
  - Used in multi-piece OTR wheel applications
  - Made in USA

### OTR O-rings

Dill P/N	Exactra #	Haltec #	CAT OE #	Rim Size	Diameter	Pack Quantity
OR-20-JM	OR-20JM	OR-20-JM	-	20"	0.26"	24
OR-25-T	OR-25T	OR-25-T	4K-4879	25"	0.26"	24
OR-214-TG	OR-214TG	-	-	14"	0.26"	24
OR-215-TG	OR-215TG	OR-215-H	-	15"	0.26"	24
OR-216-T	OR-216T	-	-	16"	0.26"	24
OR-217-L	OR-217L	OR-217-L	-	17"	0.26"	24
OR-218-T	OR-218T	-	-	18"	0.26"	24
OR-220-T	OR-220T	OR-220-T	-	20"	0.26"	24
OR-221-T	OR-221T	-	-	21"	0.26"	24
OR-222-T	OR-222T	-	-	22"	0.26"	24
OR-224-TG	OR-224TG	OR-224-TG	2D-2565	24"	0.26"	24
OR-225-T	OR-225T	OR-225-T	-	25"	0.26"	24
OR-228-T	OR-228T	-	-	28"	0.26"	24
OR-232-T	OR-232T	OR-232-T	-	32"	0.26"	24
OR-315-T	OR-315T	-	-	15"	0.385"	24
OR-316-T	OR-316T	-	-	16"	0.385"	24
OR-319-T	OR-319T	-	-	19"	0.385"	24
OR-320-T	OR-320T	-	-	20"	0.385"	24
OR-321-T	OR-321T	OR-321-T	-	21"	0.385"	24
OR-324-T	OR-324T	-	-	24"	0.385"	24
OR-325-T	OR-325T	OR-325-T	2D2443	25"	0.385"	24
OR-326-T	OR-326T	-	-	26"	0.385"	24
OR-329-T	OR-329T	OR-329-T	2D-2444	29"	0.385"	24
OR-332-T	OR-332T	OR-332-T	-	32"	0.385"	24
OR-333-T	OR-333T	OR-333-T	OR-333-T	33"	0.385"	24



- Constructed of an engineered thermos-polymer material
  - Optimal hot and cold temperature resistance  
-65°F to 275°F (-53°C to 135°C)
  - Used in multi-piece OTR wheel applications
  - Made in USA

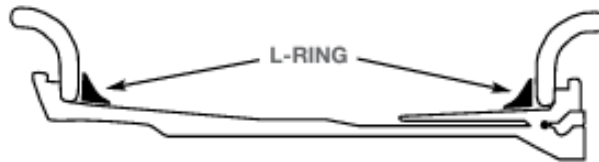
### OTR O-rings

Dill P/N	Exactra #	Haltec #	CAT OE #	Rim Size	Diameter	Pack Quantity
OR-335-T	OR-335T	OR-335-T	-	35"	0.385"	24
OR-339-T	OR-339T	OR-339-T	-	39"	0.385"	24
OR-343-T	OR-343T	OR-343-T	-	43"	0.385"	24
OR-345-T	OR-345T	OR-345-T	OR-345-T	45"	0.385"	24
OR-349-T	OR-349T	OR-349-T	4D-7165	49"	0.385"	24
OR-351-T	OR-351T	-	-	51"	0.385"	24
OR-357-T	OR-357T	-	-	57"	0.385"	24
OR-363-T	OR-363T	-	-	63"	0.385"	24
OR-420-T	OR-420T	-	-	20"	0.50"	12
OR-425-T	OR-425T	-	-	25"	0.50"	12
OR-433-T	OR-433T	-	-	33"	0.50"	12
OR-435-T	OR-435T	-	-	35"	0.50"	12
OR-439-T	OR-439T	-	-	39"	0.50"	12
OR-445-T	OR-445T	-	-	45"	0.50"	12
OR-449-T	OR-449T	OR-449-T	-	49"	0.50"	12
OR-451-T	OR-451T	OR-451-T	6G-1546	51"	0.50"	12
OR-457-T	OR-457T	OR-457-T	8W-0338	57"	0.50"	12
OR-463-T	OR-463T	OR-457-T	-	63"	0.50"	10
OR-469-T	OR-469T	OR-469-T	-	69"	0.50"	10
OR-473-T	OR-473T	OR-473-T	-	73"	0.50"	10



**L-ring Seals**

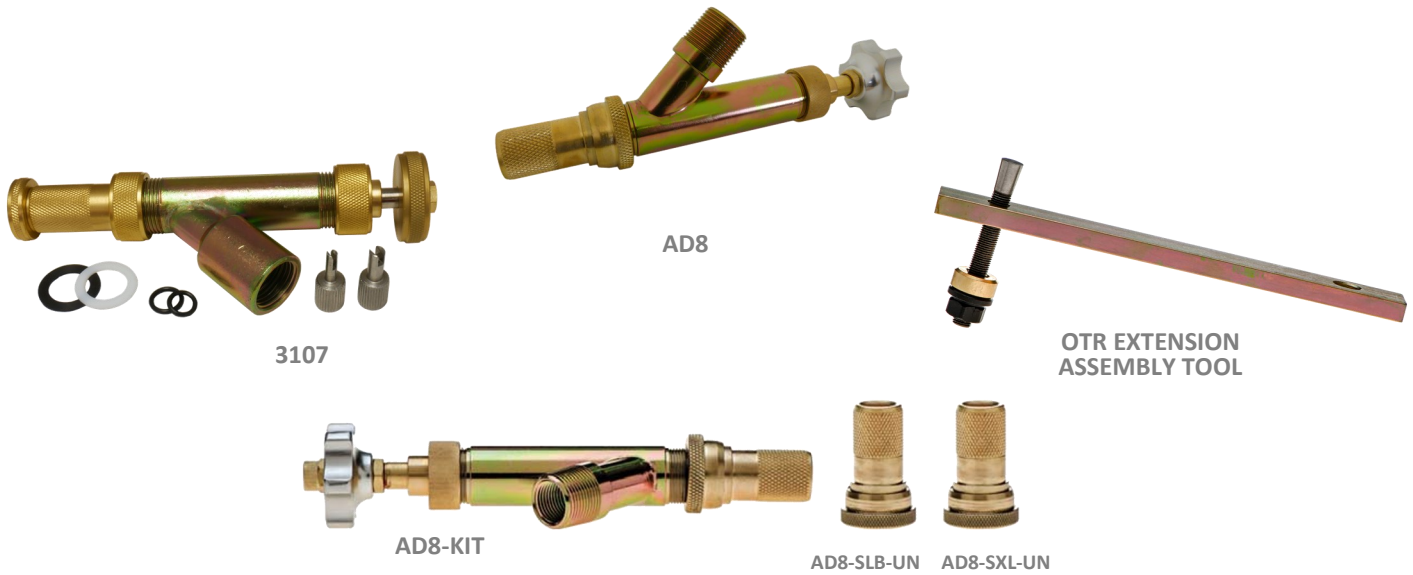
- L-ring seals are not meant to correct or compensate for damaged beads. L-ring seals are primarily used to create an air seal where the tire bead meets the wheel. They are particularly useful in the following situations:
  - Where the rim butt weld may be irregular
  - To correct a minor leak between the bead and rim
  - To facilitate bead seating in difficult situations



OTR L-rings				
Dill P/N	Exactra #	Haltec #	Description	Pack Quantity
LR-15	LR-15	LR-15	15"	1
LR-16	LR-16	LR-16	16"	1
LR-17	LR-17	-	17"	1
LR-20	LR-20	LR-20	20"	1
LR-24	LR-24	LR-24	24"	1
LR-25	LR-25	LR-25	25"	1
LR-29	LR-29	LR-29	29"	1
LR-33	LR-33	LR-33	33"	1
LR-35	LR-35	LR-35	35"	1
LR-39	LR-39	LR-39	39"	1
LR-45	LR-45	LR-45	45"	1
LR-49	LR-49	LR-49	49"	1
LR-51	LR-51	LR-51	51"	1
LR-57	LR-57	LR-57	57"	1
LR-63	LR-63	LR-63	63"	1
LR-69	LR-69	LR-69	69"	1



## OTR Tools



### OTR Tools

Dill P/N	TR #	Exactra #	Haltec #	CAT OE #	
3107	-	EX-700	310	-	Liquid Fill Tool <i>Extracts air-water core housing, or a Standard or Large bore core only, to allow faster inflation. Female 1/2" NPT.</i>
AD8	AD8	EX-900S-L	IN-80A	135-8290	Inflator Adapter for Super Large Bore Valves <i>Faster &amp; safer inflation/deflation of giant tires; can be hooked to 1/2" NPT male or 3/4" NPT female. Compatible with Super Large Bore products.</i>
AD8-SXL	-	SXL-900S-L	Z12-B	-	Inflator Adapter for Super Extra Large Bore Valves <i>Faster &amp; safer inflation/deflation of giant tires; can be hooked to 1/2" NPT male or 3/4" NPT female. Compatible with Super Extra Large Bore products.</i>
AD8-SGB	-	SGB-900S-L	-	-	Inflator Adapter for Super Giant Bore Valves <i>Faster &amp; safer inflation/deflation of giant tires; can be hooked to 1/2" NPT male or 3/4" NPT female. Compatible with Super Giant Bore products.</i>
AD8-KIT	-	EX-95-ADK	IN-95	-	Inflator Adapter for SLB, SXLB, and SGB <i>Faster &amp; safer inflation/deflation of giant tires; can be hooked to 1/2" NPT male or 3/4" NPT female. Includes Super Large Bore, Super Extra Large Bore, and Super Giant Bore unions for compatibility.</i>
AD8-SLB-UN	-	EX-901-LH	-	-	<i>SLB Inflator Adapter for AD-8</i>
AD8-SXL-UN	-	SXL-901-LH	-	-	<i>SXL Inflator Adapter for AD-8</i>
AD8-SGB-UN	-	SGB-901-LH	-	-	<i>SGB Inflator Adapter for AD-8</i>
5271	-	EX-990	T-620	-	Super Large Bore Assembly Tool <i>Tool to assemble flexible extension in field operation</i>
5272	-	EX-1290	Z5	-	Super Extra Large Bore Assembly Tool <i>Tool to assemble flexible extension in field operation</i>
5273	-	SGB-950	-	-	Super Giant Bore Assembly Tool <i>Tool to assemble flexible extension in field operation</i>



## 7298 Large Bore Regulated Inflator

Haltec: RI-520-20

- Adjustable pressure regulator for quick and easy pressure changes
- 0-160 psi liquid filled gauge w/ Stainless Steel case
- 25' x 1/2" EPDM rubber hose for safe inflating w/ quick disconnect
- Quarter turn ball valve to start & stop inflation



## 7389-25 Large Bore Inflator

- 25' x 1/2" EPDM rubber hose
- Includes 8914L inflator adapter
- Assembled & tested in the USA



## 7389G-25 Large Bore Inflator w/ Gauge

Exactra: EX-996-20 Haltec: I-350-20

- 25' x 1/2" EPDM rubber hose
- 1 to 160 psi liquid filled gauge
- Assembled & tested in the USA

## OTR Inflators



### 7260 Digital Inflator

7260-12-6294E

- Range: 3-245psi
- Increments: 0.1psi
- Rubber protective cover
- AAA replaceable batteries

### 7292 Dual Inflator

7292-length

Cross Reference: Exactra EX-920

### 7292G Dual Inflator w/ Gauge

7292G-length

Cross Reference: Exactra EX-920X



7292 & 7292G Inflators				
Available Lengths	3'	6'	12'	16'

- Dual inflator for Standard Bore & Large Bore applications
- Includes 7150 & 9038 closed chucks
- Features bleeder valve
- Includes valve on manifold to allow for pressure check

#### Gauge Information for 7292G:

- Dial Gauge w/ rubber cover
- Range: 0-200psi / 0-1400kPa
- Increments: 5psi / 50kPa increments



### 7295-6 Large Bore Inflator

- Available length: 6' EPDM rubber hose
- High Flow Analog Inflator
- Equipped with gauge check port
- Dual foot with rigid extension
- Assembled & tested in USA
- Made in USA chuck



### 7480 Super Large Bore Inflator

Haltec: I-496-20

- 25' EPDM rubber hose
- AD8 Adapter
- 1/2" hose for 2x the flow rate of 3/8"

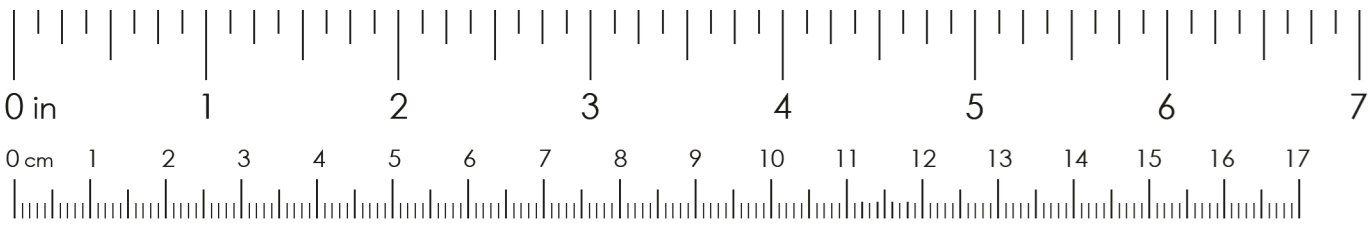
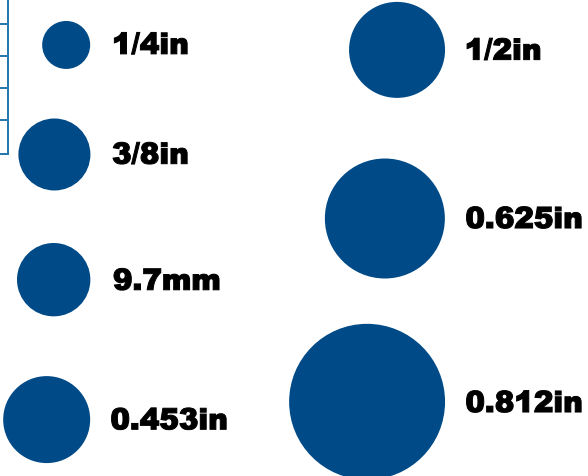
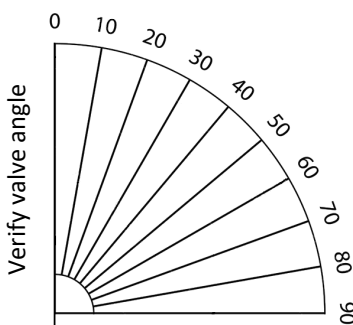


## Conversions

Pressure			
psi	kPa	psi	kPa
1	7	180	1241
5	34	185	1276
10	69	190	1310
15	103	195	1344
20	138	200	1379
25	172	250	1724
30	207	300	2068
35	241	350	2413
40	276	400	2758
45	310	450	3103
50	345	500	3447
55	379	550	3792
60	414	600	4137
65	448	650	4482
70	483	700	4826
75	517	750	5171
80	552	800	5516
85	586	900	6205
90	621	1000	6895
95	655	1100	7584
100	689	1200	8274
105	724	1300	8963
110	758	1400	9653
115	793	1500	10342
120	827	1600	11032
125	862	1700	11721
130	896	1800	12411
135	931	1900	13100
140	965	2000	13790
145	1000	2500	17237
150	1034	3000	20684
155	1069	3500	24132
160	1103	4000	27579
165	1138	4500	31026
170	1172	5000	34474
175	1207		

Temperature			
F°	C°	F°	C°
-65	-53.9	110	43.3
-60	-51.1	115	46.1
-55	-48.3	120	48.9
-50	-45.6	125	51.7
-45	-42.8	130	54.4
-40	-40.0	135	57.2
-35	-37.2	140	60.0
-30	-34.4	145	62.8
-25	-31.7	150	65.6
-20	-28.9	155	68.3
-15	-26.1	160	71.1
-10	-23.3	165	73.9
-5	-20.6	170	76.7
0	-17.8	175	79.4
5	-15.0	180	82.2
10	-12.2	185	85.0
15	-9.4	190	87.8
20	-6.7	195	90.6
25	-3.9	200	93.3
30	-1.1	205	96.1
35	1.7	210	98.9
40	4.4	215	101.7
45	7.2	220	104.4
50	10.0	225	107.2
55	12.8	230	110.0
60	15.6	235	112.8
65	18.3	240	115.6
70	21.1	245	118.3
75	23.9	250	121.1
80	26.7	255	123.9
85	29.4	260	126.7
90	32.2	265	129.4
95	35.0	270	132.2
100	37.8	275	135.0
105	40.6	280	137.8

Torque			
in-lbs	N·m	in-lbs	N·m
2	0.2	58	6.6
4	0.5	60	6.8
6	0.7	62	7.0
8	0.9	64	7.2
10	1.1	66	7.5
12	1.4	68	7.7
14	1.6	70	7.9
16	1.8	72	8.1
18	2.0	74	8.4
20	2.3	76	8.6
22	2.5	78	8.8
24	2.7	80	9.0
26	2.9	82	9.3
28	3.2	84	9.5
30	3.4	86	9.7
32	3.6	88	9.9
34	3.8	90	10.2
36	4.1	100	11.3
38	4.3	110	12.4
40	4.5	120	13.6
42	4.7	130	14.7
44	5.0	140	15.8
46	5.2	150	17.0
48	5.4	160	18.1
50	5.7	170	19.2
52	5.9	180	20.3
54	6.1	190	21.5
56	6.3	200	22.6





# Cross Reference

Dill #	TR #	Exactra #	Haltec #		Dill #	TR #	Exactra #	Haltec
J-650-USA	J650	EXJ-650	WH-300-J-650		DS-4000-6.5	-	EXJ-4006.5-ST	WH-44-6 1/2
J-651-USA	J651	EXJ-651	WH-46-J-651		DS-4000-9	-	EXJ-4009-ST	WH-44-9
J-652-USA	J652	EXJ-652	WH-47-J-652		DS-4000-12	-	EXJ-4012-ST	WH-44-12
J-653-USA	J653	EXJ-653	WH-300-J-653		DS-4000-14	-	EXJ-4014-ST	WH-44-14
J-653-03-USA*	J653	EXJ-653C	N-1319		DS-4000-29.5	-	EXJ-4029.5-ST	WH-44-29 1/2
J-654-USA	J654	EXJ-654	WH-49-J-654		DS-4000-34.5	-	EXJ-4034.5-ST	WH-44-34 1/2
J-655-USA	J655	EXJ-655	WH-48-J-655		J-661-USA	J661-02	EXJ-661	WH-70-J-661
J-656-USA	J656	EXJ-656	WH-59-J-656		J-664-USA	J664-02	EXJ-664	WH-70-J-664
J-657-USA	J657	EXJ-657	WH-300-J-657		J-667-USA	J667-02	EXJ-667	WH-70-J-667
J-658-USA	J658	EXJ-658	WH-300-J-658		J-662-USA	J662-02	EXJ-662	WH-75-J-662
J-659-USA	J659	EXJ-659	WH-50-J-659		J-663-USA	J663-02	EXJ-663	WH-75-J-663
J-659-4	-	EXJ-659-4	-		J-665-USA	J665-02	EXJ-665	WH-75-J-665
J-659-5	-	EXJ-659-5	-		J-666-USA	J666-02	EXJ-666	WH-75-J-666
J-659-6	-	EXJ-659-6	-		J-690-USA	J690	EXJ-690	WH-330-J-690
J-660-USA	J660	-	WH-50-J-660		J-690B-USA	-	EXJ-690B	-
J-668-USA	J668	-	WH-51-J-668		J-691-USA	J691	EXJ-691	WH-330-J-691
J-669-USA	J669	EXJ-669	WH-45-2 1/2		J-691B-USA	-	EX-691B	-
J-669-USA	J-4000-2.5	EXJ-4002.5	WH-45-2 1/2		J-692-USA	J692	EXJ-692	WH-330-J-692
J-670-USA	J670	EX-3150/1	H-42		J-693-USA	J693	EXJ-693	WH-330-J-693
J670-3-USA*	J670	-	H-45		J-694-USA	J694	EXJ-694	WH-330-J-694
J670SC-3-USA*	-	EX-3150	H-45		J-695-USA	J695	EXJ-695	WH-330-J-695
J-669-USA	J669-02	EXJ-669	WH-45-2 1/2		J-696-USA	J696	EXJ-696	WH-330-J-696
J-669-USA	J-4000-2.5	EXJ-669	WH-45-2 1/2		J-697-USA	-	EXJ-697	-
J-4000-3	J4000-3	EXJ-4003	-		J-1078A	J-1078A	EX-1264	LB-226
J-4000-4	J4000-4	EXJ-4004	WH-45-4		J-1078C	J-1078C	EX-1265	LB-228
J-4000-4.5	J4000-4.5	EXJ-4004.5	WH-45-4 1/2		J-1076E	J-1076E	EX-1266	LB-221
J-4000-5	J4000-5	EXJ-4005	WH-45-5		J-1076B	J-1076B	EX-1267	LB-218
J-4000-6	J4000-6	EXJ-4006	WH-45-6		J-1076A	J-1076A	EX-1268	LB-217
J-4000-7	J4000-7	-	WH-45-7		J-1076D	J-1076D	EX-1269	LB-220
J-4000-7.5	J4000-7.5	EXJ-4007.5	WH-45-7 1/2		J-1014	J-1014	EX-1270	LB-216
J-4000-8	J4000-8	EXJ-4008	WH-45-8		J-1076C	J-1076C	EX-1271	LB-219
J-4000-9	J4000-9	EXJ-4009	WH-45-9		J-1078B	J-1078B	EX-1272	LB-227
J-4000-10	J4000-10	EXJ-4010	WH-45-10		J-1175C	J-1175C	EX-1273	LB-225
J-4000-10.5	J4000-10.5	EXJ-4010.5	WH-45-10 1/2		J-1177A	J-1177A	EX-1274	RV-177A
J-4000-11	J4000-11	EXJ-4011	-		J-1179B	J-1179B	EX-1275	LB-230
J-4000-12	J4000-12	EXJ-4012	WH-45-12		J-1178A	J-1178A	EX-1276	LB-226
J-4000-13	J4000-13	EXJ-4013	WH-45-13		J-1175B	J-1175B	EX-1277	LB-224
J-4000-16	J4000-16	EXJ-4016	-		J-1179A	J-1179A	EX-1278	LB-229
J-4000-24	J4000-24	EXJ-4024	WH-45-24		231-5112	-	EX-231-5112	WHG-5112VC
J-4000-28	J4000-28	EXJ-4028	WH-45-28		272-7948VC	-	EX-272-7948VC	-
J-4000-29.5	J4000-29.5	EXJ-4029.5	WH-45-29 1/2		272-7949VC	-	EX-272-7949VC	-
J-4000-30	J4000-30	EXJ-4000-30	WH-45-30		D-0585EC	-	EXD-0585EC	WHD-0585EC
J-4000-32	J4000-32	EXJ-4032	WH-45-32		D-272-7940EC	-	EXD-272-7940EC	WHD-7940EC
J-4000-36	J4000-36	EXJ-4036	WH-45-36		D-5008EC	-	EXD-5008EC	WHD-5008EC
J-4000-3.5	-	-	-		D-7103EC	-	EXD-7103EC	WHD-7103EC
J-4000-14	-	-	-		D-7948EC	-	EXD-7948EC	WHD-7948EC
J-4000-25.5	-	-	-		D-7949EC	-	EXD-7949EC	WHD-7949EC
J-4000-26	-	-	-		D-8262EC	-	EXD-8262EC	WHD-8262EC
J-4000-4.5-80	-	EX-3101/1	WH-300-4 1/2		D-9903EC	-	EXD-9903EC	WHD-9903EC
J-4000-9-80	-	EX-3110/1	WH-300-9		G-0570VC	-	EXG-0570VC	WHG-0570VC
J-4000-10-80	-	EX-3110/3	-		G-1450VC	-	EXG-1450VC	WHG-1450VC



## Cross Reference

Dill #	TR #	Exactra #	Haltec #		Dill #	TR #	Exactra #	Haltec
G-4985VC	-	EXG-4985VC	WHG-4985VC		RE-16	-	EX-2016	867-16
G-5200VC	-	EXG-5200VC	WHG-5200VC		RE-17	-	EX-2017	867-17
G-5410VC	-	EXG-5410VC	WHG-5410VC		RE-18	-	EX-2018	867-18
G-5420VC	-	EXG-5420VC	WHG-5420VC		RE-19	-	EX-2019	867-19
G-8018VC	-	EXG-8018VC	WHG-8018VC		RE-20	-	EX-2020	867-20
G-8019VC	-	EXG-8019VC	WHG-8019VC		VS-985	-	EX-6047	H-47
G-9440VC	-	EXG-9440VC	WHG-9440VC		VS-985-02	J671	EX-6047	H-47
FLX-05	-	EX-6005	810F-5		VS-1065/R	-	EXT-670	T-670
FLX-06	-	EX-6006	810F-6		301-A	-	-	TV-5905
FLX-07	-	EX-6007	810F-7		302-A	-	-	TV-5905
FLX-08	-	EX-6008	810F-8		6489	CH1	EX-CH1	TV-CH-1
FLX-09	-	EX-6009	810F-9		6489A	CH3	-	TV-CH-3
FLX-10	-	EX-6010	810F-10		CH-3D	CH3	EX-683A	TV-CH-3
FLX-11	-	EX-6011	810F-11		VS-902-WZP	-	EX-670P	N-1012S
FLX-12	-	EX-6012	810F-12		VS-902-WZPL	-	-	N-1012HP
FLX-13	-	EX-6013	810F-13		VS-714AR-643	618A	-	-
FLX-14	-	EX-6014	810F-14		VS-714-A3-250	618A	-	-
FLX-15	-	EX-6015	810F-15		VS-714B	618B	-	TV-618B
FLX-16	-	EX-6016	810F-16		VS-714-WZA-10	618A	-	-
FLX-17	-	EX-6017	810F-17		VS-714-WZA	618A	-	-
FLX-18	-	EX-6018	810F-18		VS-714-WZD	618A	-	TV-618A
FLX-19	-	EX-6019	810F-19		VS-714-WZD/655	618A	-	TV-618A
FLX-20	-	EX-6020	810F-20		VS-714-WZD/643	618A	-	-
FLX-32	-	EX-6032	810F-32		VS-714-SS	618A	-	TV-618A-SS
FLX-KIT	-	EX-6000K	-		VS-714P	-	-	TV-618RB
HB-03	-	EX-3003	753S-3		VS-715A	619A	-	N-1000 / TV-619A
HB-04	-	EX-3004	753S-4		70-HT	C2	EX-1280A	A-145
HB-05	-	EX-3005	753S-5		70-HV	C2	-	-
HB-06	-	EX-3006	753S-6		2114	C10	-	-
HB-07	-	EX-3007	753S-7		8971	VC6	EX-1281	A-148
HB-08	-	EX-3008	753S-8		8971H	VC7	EX-1283	A-149
HB-09	-	EX-3009	753S-9		8807	AD1	EX-AD1	AD-1
HB-10	-	EX-3010	753S-10		9061	-	EXN-1285	N-1285
HB-11	-	EX-3011	753S-11		VS-977	SP2	EX-1302	H-41
HB-12	-	EX-3012	753S-12		VS-977-P	-	EX-1300	T-30
HB-13	-	EX-3013	753S-13		SPL-12	-	EXC-10	C-10
HB-14	-	EX-3014	753S-14		211	HN1	EX-HN1	464
HB-15	-	EX-3015	753S-15		8771	LN-10	LN-10B	-
HB-16	-	EX-3016	753S-16		8771A	LN-10	LN-10B	-
HB-17	-	EX-3017	753S-17		447	RG7	EXRG-7	G-166
HB-18	-	EX-3018	753S-18		454	RG22	EXRG-22	G-160
HB-19	-	EX-3019	753S-19		565	-	-	326
HB-20	-	EX-3020	753S-20		6178-USA	-	-	322
RE-02	-	EX-2002	867-2		6294-D	-	-	-
RE-03	-	EX-2003	867-3		6294-E	-	-	-
RE-04	-	EX-2004	867-4		7245-USA	-	-	-
RE-05	-	EX-2005	867-5		7247-USA	-	-	-
RE-06	-	EX-2006	867-6		8911-L	-	-	328
RE-07	-	EX-2007	867-7		8914-L	-	-	377
RE-08	-	EX-2008	867-8		9038	-	-	H-4660A
RE-09	-	EX-2009	867-9		9040	-	-	-
RE-10	-	EX-2010	867-10		7226-H	-	-	GA-240
RE-11	-	EX-2011	867-11		7233	-	-	GA-255
RE-12	-	EX-2012	867-12		8500	-	-	GCS-A
RE-13	-	EX-2013	867-13		8500-D	-	-	GCS-D
RE-14	-	EX-2014	867-14		5209L	-	EX-1522	TL-695
RE-15	-	EX-2015	867-15		8909C	-	EX-609LB	8909-C



# Cross Reference

Dill #	TR #	Exactra #	Haltec #		Dill #	TR #	Exactra #	Haltec
5209L	-	EX-1522	TL-695		SXL-EX-HD-length	-	-	-
5261	-	EX-1018	-		SPX-12	-	SXL-1005	Z1
5262	-	-	-		SPX-34	-	SXL-1009	Z13
5264	-	-	-		SPX-1316	-	SXL-1008	Z2
5265	-	EX-1016	N-1910		SPX-1316-L	-	SXL-1008L	-
5267	-	EX-1021	-		ADX-60	-	SXL-1015	Z3-60
5260	-				ADX-75	-	SXL-1014	Z3-75
SLB-EX-length	-				ADX-80	-	SLX-1013	Z3-80
SLB-EX-HD-length	-				ADX-85	-	SXL-1012	-
L965-length	-				ADX-90	-	SXL-1010	Z3-90
L965-HD-length	L965				SPX-12-85	-	SXL-1006	Z4
L-800-length	-				SPX-34-85	-	SXL-1018	Z24
L-850-length	-				SXL-CH	-	SXL-1050	Z10
VS-1239-length	-	EX-1239	N-1239		SXL-HOSE	-	SXL-1075	Z-100
L-890-6	-	EXMR-890-6	MR-890-6		SXL-HOSE-HD	-	SXL-1075HD	-
L-890-8	-	EXMR-890-8	MR-890-6		SXL-FLX-KIT-CH8	-	160	-
LS-0764	-	EX-117-0764	117-0764		SXL-FLX-KIT	-	SXL-1401K	-
LS-0290	-	EX-144-0290	N-1538B		SGB-EX-length	-	-	-
LS-6779	-	EX-146-6779	N-1543A		SGB-EX-HD-length	-	-	-
AD5-90-CH8	-	EXM-2000	M-2000		SGB-EX-6-ADG-90	-	SGB-730-6	-
CH-8	CH-8	EXR-520	R-520		SPG-1516-CHG	-	SGB-145	-
CH-16	CH-16	EXR-625	R-372		SPG-1516-90-ASM	-	SGB-745	-
L870	-	EXM-1870	M-1870		SPG-34-CHG	-	SGB-141	-
SLB-CAP	-	EX-445	A-449		SPG-1516-C-CHG	-	SGB-140	-
SLB-HOSE	-	EXR-760	R-760		SGB-HOSE	-	SGB-165	R-761
SLB-HOSE-HD	-	EXR-760HD	-		SGB-HOSE-HD	-	SGB-166C	-
SLB-SCH	-	EXR-521	R-521		SGB-FLX-SVL	-	SGB-155	-
SPS-3416-SCH	-	EXM-1000	M-5000		SPG-34	-	SGB-715	-
SLB-FLX-KIT	-	EXR-969K1	R-969-K-1		SPG-34-C	-	SGB-115	-
SLB-FLX-KIT-CH8	-	EXR-969K	R-969-K		SPG-1516	-	SGB-725	-
AD4	-	EXH-4000	H-4000		SPG-1516-C	-	SGB-725	-
AD4-3	-	EXH-4000/1	H-4000-1		SGB-CH	-	SGB-110	-
SP8-CH16	-	EXR-626	H-50		ADG-75	-	SGB-775	-
SLB-FLX-SVL	-	EXR-762S	R-762S		ADG-85	-	SGB-785	-
SPS-12	SP9	EXC-100	C-100		ADG-90	-	SGB-790	-
SPS-12-85	-	SXL-1006	S-85		ADG-70C	-	SGB-170	-
SPS-12-NT	-	EXC-155	C-155		ADG-75C	-	SGB-175	-
SPS-34	-	EXC-120	N-1066		ADG-85C	-	SGB-185	-
SPS-3416	-	EXC-200	C-533		ADG-90C	-	SGB-190	-
SP8	SP8B	EXT-81	T-81		SPG-34-85	-	-	-
SP8-L	-	EXT-82	T-82		OR-20-JM	-	OR-20JM	OR-20-JM
TS-11	-	EXDS-210	-		OR-25-T	-	OR-25T	OR-25-T
TS11-NPT	-	EXDS-210P	-		OR-214-TG	-	OR-214TG	-
SPS-12-75	SP9	EXS-75	-		OR-215-TG	-	OR-215TG	OR-215-H
SPS-12-75-W	-	EXS-75D	-		OR-216-T	-	OR-216T	-
SPS-12-85	-	EXS-85	-		OR-217-L	-	OR-217L	OR-217-L
SPS-34-75	-	EXS-75/1	-		OR-218-T	-	OR-218T	-
SPS-34-85	-	EXS-85/1	SLB-85		OR-220-T	-	OR-220T	OR-220-T
SPS-34-85-W	-	EXS-85D	S-85-D		OR-221-T	-	OR-221T	-
SPS-1316-85	-	EXT-85	-		OR-222-T	-	OR-222T	-
AD5-60	AD5-60	EXR-660	R-660		OR-224-TG	-	OR-224TG	OR-224-TG
AD5-70	AD5-70	EXR-670	-		OR-225-T	-	OR-225T	OR-225-T
AD5-75	AD5-75	EXR-675	R-675		OR-228-T	-	OR-228T	-
AD5-80	AD5-80	EXR-680	R-625		OR-232-T	-	OR-232T	OR-232-T
AD5-85	AD5-85	EXR-685	R-685		OR-315-T	-	OR-315T	-
AD5-90	AD5-90	EXR-525	R-525		OR-316-T	-	OR-316T	-
SXL-EX-length	-	-	-		OR-319-T	-	OR-319T	-



## Cross Reference

Dill #	TR #	Exactra #	Haltec #		Dill #	TR #	Exactra #	Haltec
OR-320-T	-	OR-320T	-		7389G-25	-	EX-996-20	I-350-20
OR-321-T	-	OR-321T	OR-321-T		7260-12-6294E	-	-	-
OR-324-T	-	OR-324T	-		7292-length	-	-	-
OR-325-T	-	OR-325T	OR-325-T		7292G-length	-	-	-
OR-326-T	-	OR-326T	-		7295-6	-	-	-
OR-329-T	-	OR-329T	OR-329-T		7480	-	-	-
OR-332-T	-	OR-332T	OR-332-T					
OR-333-T	-	OR-333T	OR-333-T					
OR-335-T	-	OR-335T	OR-335-T					
OR-339-T	-	OR-339T	OR-339-T					
OR-343-T	-	OR-343T	OR-343-T					
OR-345-T	-	OR-345T	OR-345-T					
OR-349-T	-	OR-349T	OR-349-T					
OR-351-T	-	OR-351T	-					
OR-357-T	-	OR-357T	-					
OR-363-T	-	OR-363T	-					
OR-420-T	-	OR-420T	-					
OR-425-T	-	OR-425T	-					
OR-433-T	-	OR-433T	-					
OR-435-T	-	OR-435T	-					
OR-439-T	-	OR-439T	-					
OR-445-T	-	OR-445T	-					
OR-449-T	-	OR-449T	OR-449-T					
OR-451-T	-	OR-451T	OR-451-T					
OR-457-T	-	OR-457T	OR-457-T					
OR-463-T	-	OR-463T	OR-457-T					
OR-469-T	-	OR-469T	OR-469-T					
OR-473-T	-	OR-473T	OR-473-T					
LR-15	-	LR-15	LR-15					
LR-16	-	LR-16	LR-16					
LR-17	-	LR-17	-					
LR-20	-	LR-20	LR-20					
LR-24	-	LR-24	LR-24					
LR-25	-	LR-25	LR-25					
LR-29	-	LR-29	LR-29					
LR-33	-	LR-33	LR-33					
LR-35	-	LR-35	LR-35					
LR-39	-	LR-39	LR-39					
LR-45	-	LR-45	LR-45					
LR-49	-	LR-49	LR-49					
LR-51	-	LR-51	LR-51					
LR-57	-	LR-57	LR-57					
LR-63	-	LR-63	LR-63					
LR-69	-	LR-69	LR-69					
3107	-	EX-700	310					
AD8	AD8	EX-900S-L	IN-80A					
AD8-SXL	-	SXL-900S-L	Z12-B					
AD8-SGB	-	SGB-900S-L	-					
AD8-KIT	-	EX-95-ADK	IN-95					
AD8-SLB-UN	-	EX-901-LH	-					
AD8-SXL-UN	-	SXL-901-LH	-					
AD8-SGB-UN	-	SGB-901-LH	-					
5271	-	EX-990	T-620					
5272	-	EX-1290	Z5					
5273	-	SGB-950	-					
7298	-	-	RI-520-20					
7389-25	-	-	-					





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It is our philosophy to be family oriented and goal driven. This is the environment and culture we have created at ESTI Warehouse Inc. We would like the opportunity to exceed your expectations, as we strive to grow our business with you, our business partner.

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