

Dill®

Air
Controls
Products

Product Catalog

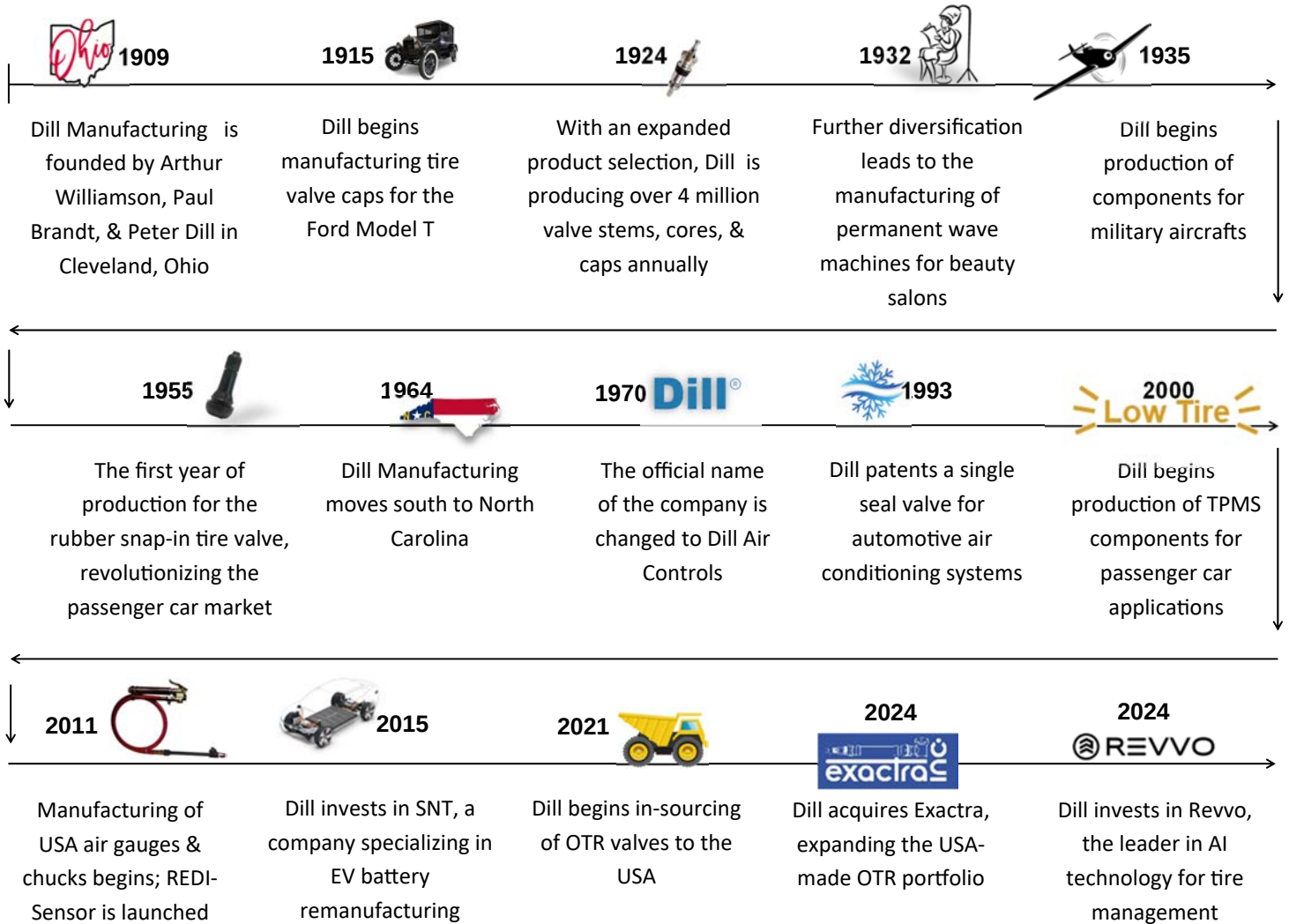
*The leading
manufacturer
of fluid control
valves and tire
valve hardware
since 1909*



SCAN FOR
ONLINE CATALOG

Oxford, North Carolina, USA
800-815-3455
www.DillValves.com





Quality Policy: *Dill Air Controls Products strives to meet or exceed Customer Expectations through superior Products, Services, and Continuous Improvement.*

TPMS

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Off-The-Road (OTR)

50

Note: Items shown throughout this catalog are not to scale unless otherwise noted. Product pictures are for illustration purposes. Actual product may vary due to product revisions & improvements.



= Made in the USA



= Large Bore



= Motorcycle



= CARB-Compliant



REDI-Sensor™

More Coverage, Less SKUs

Best battery life & performance

Technician-preferred, pre-programmed, patented design

- ☒ Saves bay time
 ☒ OE Designed & Validated in USA
 ☒ Road tested & Proven Reliable

UPDATE ATEQ & BARTEC TOOLS FOR BEST COMPATIBILITY



7005 HPR

Frequency
433MHz

Included Valve Stem
VS-20

Replacement Parts
VS-20 (rubber)
VS-240MC (metal)
Interchangeable valve design



7006 HPR

Frequency
315MHz

Included Valve Stem
VS-20

Replacement Parts
VS-20 (rubber)
VS-240MC (metal)
Interchangeable valve design



7007 HP

Frequency
315MHz

Included Valve Stem
VS-70

Replacement Parts
VS-70 (metal)
7020K (service kit)



7008 HP

Frequency
433MHz

Included Valve Stem
VS-70

Replacement Parts
VS-70 (metal)
7020K (service kit)

Dill 5000 Series Sensors



- Cover over 200 million vehicles (300+ OEM sensors) combined
- Interchangeable valve design
- New protocols added with tool software updates (ATEQ & Bartec tools only)

Dill P/N	Freq.	Specifications
5001	433MHz	Pre-programmed for 1/3 of 433MHz applications, programmable for most others; includes VS-240MC clamp-in
5002	315MHz	Pre-programmed for 1/4 of 315MHz applications, programmable for most others; includes VS-20 snap-in
5003R	Dual	Programmable for 315MHz & 433MHz; includes rubber VS-950
5003M		Programmable for 315MHz & 433MHz; includes metal VS-240MC

Note: Should an OE sensor be unavailable due to a manufacturing shortage or discontinuation, a Dill-approved alternate sensor may be sold in its place.

DILL P/N	Example Platform
1027	'06-'11 BMW 5-Series
1028	'07-'09 Hyundai Entourage
1029	'09-'13 KIA Sportage
1042	'07-'13 M-Benz Sprinter
1043	'08-'10 Jeep Grand Cherokee
1044	'08-'13 Volvo XC70
1045	'08-'15 Land Rover LR2
1051	'07-'12 Jeep Patriot
1052	'04-'05 Dodge Caravan
1054	'06-'11 M-Benz CLS
1055	'09-'16 Jaguar XF
1056	'04-'11 Mazda RX-8
1068	'09-'14 KIA Sedona
1203	'05-'15 Toyota Tacoma
1204	'04-'19 Toyota 4Runner
1206	'07-'19 Toyota Sienna
1208	'07-'11 Honda CR-V
1209	'07-'14 Acura TSX
1212	'11-'17 Honda Odyssey
1214	'14-'15 Acura RLX
1216	'10-'19 Nissan 370Z
1217-BLU	'02-'06 Lexus SC430 (1 per car)
1217-RED	'02-'06 Lexus SC430 (1 per car)
1217-WHT	'02-'06 Lexus SC430 (1 per car)
1217-YEL	'02-'06 Lexus SC430 (1 per car)
1218	'13-'18 Lexus GS
1222	'12-'17 KIA Rio
1225	'13-'18 Toyota RAV4
1230	'16-'19 Lexus RX
1230-BLK	'23-'24 Lexus RC
1233	'12-'14 Hyundai Azera
1241	'19-'21 Toyota Corolla Hatchback
1344	'17 Nissan Quest
1375	'18-'19 Nissan Armada
1382	'16-'18 Nissan Titan
2112	'10-'14 Tesla models
2168	'16-'19 Tesla Model X
2346	'21 Chevrolet Colorado
2433	'22-'24 Lexus NX (Canadian Opt.)
2434	'25 Toyota Crown Signia
2495	'16-'18 Jeep Grand Cherokee SRT
2510	'14-'16 KIA Sportage
2547	'21-'22 Tesla Model S, X, Y, & 3
3166	'21 Chevrolet Suburban/Tahoe

DILL P/N	Example Platform
3199	'19-'21 RAM 1500 (DT)
3210	'14-'19 KIA Soul
3751	'16-'18 Honda Pilot
3996	'22-'24 Jeep Wagoneer
4665	'21 Jeep Gladiator
4750	'18-'19 Nissan Kicks
4761	'20-'21 Nissan Sentra
4762	'21-'24 Nissan Rogue
5077	'21-'24 Land Rover Defender
5134	'14-'17 Volvo S60
5163	'17-'19 Nissan Sentra (I-Key)
5256	'14-'19 Mini Cooper Hatchback
5276	'14-'19 Land Rover Range Rover
5310	'19 Mazda MAZDA3
5362	'17-'19 Nissan Sentra (RKE)
5507	'09-'12 Hyundai Elantra Touring
5508	'13-'18 Hyundai Santa Fe
5510	'15-'19 Hyundai Accent
5511	'12-'13 Honda CR-V
5512	'16-'19 Acura RLX
5513	'13-'15 Acura ILX
5514	'16-'19 Acura MDX
5517	'19 Acura ILX
5523	'16-'19 KIA Optima
5555	'12-'18 Nissan Frontier
5556	'13-'18 Nissan Pathfinder
5557	'13-'17 Nissan Leaf
5558	'14-'15 Infiniti Q50
5559	'14-'16 Nissan Rouge
5564	'19 Nissan Pathfinder
5661	'16-'18 Nissan Rouge
5775	'15-'16 Jeep Renegade
5777	'17-'19 Chrysler Pacifica
5780	'14-'18 Mitsubishi Mirage
6164	'18-'19 Chevrolet Equinox
6561	'18-'19 GMC Acadia
6815	'14-'18 RAM 2500
6825	'14-'18 RAM 3500 (Inner DRW)
6829	'14-'18 RAM 3500 (Outer Alloy)
6846	'19-'21 RAM 3500 (Outer Alloy)
6854	'19-'21 RAM 3500 (Inner DRW)
6896	'19-'21 Jeep Cherokee
6924	'19-'24 RAM 4500 (Outer Steel)
6935	'19-'24 RAM 4500 (Outer Alloy)

DILL P/N	Example Platform
7091	'18-'21 Toyota Tundra
7420	'22-'24 Rivian R1T
7472	'22-'23 Dodge Charger
7624	'24 GMC Sierra 3500HD (Front Alloy)
7659	'20-'23 GMC Sierra 3500HD DRW
8004	'97-'01 Plymouth Prowler
8006	'97-'00 Chevrolet Corvette
8023	'17-'19 Subaru Impreza
8424	'20-'24 Chevrolet Corvette (C8)
8463	'20-'23 GMC Sierra 3500HD DRW (Rear Wheels)
9001	'06-'08 Porsche Cayman
9002	'02-'06 BMW 3-series
9003	'03-'05 Land Rover Range Rover
9004	'02-'05 Audi Allroad
9005	'03-'06 Porsche Cayenne
9011	'09-'16 Porsche 911
9012	'11-'14 BMW X3
9013	'12-'17 VW CC
9017	'15-'19 BMW X4
9018	'15-'19 Porsche Cayenne
9077	'16-'19 BMW 7-series
9087	'07-'13 Suzuki SX4
9115	'04 Cadillac Escalade
9117	'01-'04 Cadillac Seville
9153	'07-'17 Chevrolet Tahoe
9154	'08-'09 Dodge Ram 2500
9158	'14-'17 Chevrolet SS sedan
9189	'17-'24 Ford Trailer TPMS
9203	'15-'19 Subaru WRX & STI
9204	'09-'18 Nissan GT-R
9214	'07-'17 M-Benz G-Class
9237	'16-'18 Hyundai Tucson
9280	'15-'19 Ford Mustang
9284	'23-'25 Ford F-250
9291	'16-'18 Ford Focus RS
9295	'23-'25 Ford F-350 DRW
9315	'11-'19 Ford Flex
9342	'12-'18 Nissan NV1500
9364	'23-'25 Ford F-600 (steel wheels)
9365	'23-'25 Ford F-600 (alloy wheels)
9398	'10-'19 Chrysler 300
9505	'12-'17 Hyundai Veloster
9597	'24-'25 Porsche Macan EV
9773	'16-'18 Chevrolet Cruze

Most are
Made in the
USA



"When a sensor is removed or a tire is replaced a new mounting kit must be installed."

-Ford OEM Service Manual

"Always replace seal after every disassembly."

-Nissan Vehicle Owners Manual

"The valve nut should not be reused."

-Hyundai Vehicle Service Manual

Installation Videos
available at
DillValves.com



"You must change the service kit when you install a new tire because components wear out over time."

-Dill Engineering

Dill P/N	Example Applications
1030K	Audi, Volkswagen
1031K	Volkswagen w/ special O-ring
1050K	Buick, Chevrolet, Chrysler, Dodge, GMC, Hyundai, Jaguar, Jeep, Land Rover, Mazda, Mitsubishi, Saturn, Volkswagen, Volvo
1060K	Ford, Lincoln, Mercury
1070K	Buick, Cadillac, Chevrolet, GMC, Isuzu, Pontiac, Saab
1077K	'97-'00 Chevrolet Corvette
1080K	Cadillac, Chevrolet, Chrysler, Dodge, Infiniti, Isuzu, Jeep, Mitsubishi, Nissan, Plymouth, Subaru
1090K	Audi, BMW, Land Rover, Mercedes Benz, Mini, Porsche, VW
1100K	Acura, Chevrolet, Honda, Infiniti, Lexus, Nissan, Pontiac, RAM, Scion, Subaru, Toyota
1100BLK	Various 2023-2024 Lexus models
1110K	Chevrolet, GMC, Hummer, Isuzu, Lexus, Toyota
1120K	2002-2006 Lexus SC430
1130K	Mazda, Mitsubishi, Nissan
2000K	Acura, Honda, Hyundai, KIA
2010K	Lotus, Saab, Saturn, Suzuki, Volvo
2020K	Cadillac, Chevrolet, GMC
2030K	Infiniti, Mercedes Benz, Nissan, Smart, Suzuki
2040K	Hyundai, KIA
2045K	Acura, Honda
7000K	Acura, Chrysler, Dodge, Jeep, Nissan
7020K	BMW, Cadillac, Honda, Hyundai, Infiniti, Jaguar, KIA, Land Rover, Mazda, Mini, Mitsubishi, Nissan, Suzuki, Tesla, Volvo, REDI-Sensor™

TPMS Valve Stems

Important: Do not alter valve stems.
Visit DillValves.com to find appropriate valve.

VALVES INCLUDE
SEALING VALVE CAPS



TPMS Rubber Snap-in Valve Stems for 0.453" Rim Holes

Dill P/N	Description	Max Cold Inflation Pressure	Base
VS-15	TPMS Snap-in valve stem for Toyota; Includes stepped screw	80 psi	
VS-20	TPMS Snap-in valve stem for GM, Ford; Includes stepped screw	80 psi	
VS-30	TPMS Snap-in valve stem for Nissan; Includes locking clip	80 psi	
VS-65	TPMS Snap-in valve stem for TRW sensor; Includes screw	80 psi	
VS-90	TPMS Snap-in valve stem for OE sensor & REDI-Sensor™	80 psi	
VS-950	TPMS Snap-in valve stem for GM, Ford, Chrysler/Dodge/Jeep, Subaru	80 psi	
VS-950S	TPMS Snap-in VS-950 valve stem with chrome sleeve & cap	80 psi	
VS-1010	TPMS Snap-in valve stem for Lear sensor; Includes locking hex nut	65 psi	
950SC/4PK	Chrome sleeve & cap for VS-950 & VS-90; Order 1 kit, receive 4 sleeves & 4 caps		

TPMS Clamp-in Valve Stems for 0.453" Rim Holes

VS-45	Corrosion-resistant, high performance clamp-in valve stem for OE & 7001HP-R REDI-Sensor™	200 psi	
VS-240MC	Matte chrome, corrosion-resistant, high perf. clamp-in valve stem for OE, Dill 5000 Series, & 7005HPR, 7006HPR	200 psi	
VS-280-SB	Black, corrosion-resistant, low profile clamp-in valve stem for OE, Dill 5000 Series, & 7005HPR, 7006HPR	200 psi	
VS-280-SS	Ni-plated Brass, corrosion-resistant, low profile clamp-in valve stem for OE, Dill 5000 Series, & 7005HPR, 7006HPR	200 psi	
VS-925A	Aluminum clamp-in valve stem for OE, Dill 5001, 5002, 5003 & 7005HPR, 7006HPR	200 psi	
VS-925B	Black anodized clamp-in valve stem for OE, Dill 5001, 5002, 5003 & 7005HPR, 7006HPR	200 psi	
VS-925C	Chrome clamp-in valve stem for OE, Dill 5001, 5002, 5003 & 7005HPR, 7006HPR	200 psi	





VS-40



VS-70



VS-70B



VS-70C



VS-70S



VS-312



VS-312B



VS-965



9066B



9066-1



9066-K



9066K-LS



TP-480



VS-490



VS-990

Aluminum OE TPMS Clamp-in Valve Stems

*Dill is the 1st to Introduce Valve Stems for Electric Vehicles (EV)
Pressure Rated to 200psi*

Dill P/N	Description
VS-40	Aluminum valve stem for GM, Maserati, Mercedes Benz, RAM
VS-40B	Black anodized aluminum valve stem for GM, Maserati, Mercedes Benz, RAM
VS-70	Complete valve stem assembly for OE & REDI-Sensor™
VS-70B	Black valve stem assembly for OE & REDI-Sensor™
VS-70C	Chrome valve stem assembly for OE & REDI-Sensor™
VS-70S	Aluminum valve stem for OE & REDI-Sensor™
VS-312	0.453" valve stem assembly for Toyota & Lexus
VS-312B	0.453" black valve stem assembly for Toyota & Lexus
VS-965	Aluminum valve stem for Hyundai/KIA (screws into sensor housing)
9066B	Ball joint for 9066-K equipped sensors
9066-1	Aluminum valve stem for Chrysler, Dodge, Jeep, Mercedes Benz
9066-K	Complete valve stem assembly for Chrysler, Dodge, Jeep, Mercedes Benz
9066K-LS	Complete valve stem assembly with ball joint
TP-480	Pivot-seat 0.453" valve stem assembly for 2014MY Tesla
VS-490	Black Aluminum valve stem assembly for Tesla BLE sensor
VS-990	Chrome clamp-in valve stem for OE & Dill 5000 Series when mounted in 75°-90° valve holes

Whenever the tires are replaced, replace grommets for tire pressure sensors as well.
- Toyota & Lexus

Do not reuse the valve and screw. Replace the valve with a new part even when reusing transmitter.
- Subaru Impreza

When using used tire pressure sensors, replace the union nut, valve insert (core), seal, sealing washer, and valve cap. - Audi A4

The tire valve gasket must be replaced whenever a tire is mounted on the rim.
- Volkswagen



Ball Seat Valve Stems with T20 Torx Screw Pressure Rated to 200psi

Dill P/N	Description
1091	Ball-seat valve stem assembly; 56mm, yellow marking; Torque: 40 in. lbs.
1092	Ball-seat valve stem assembly; 43mm, silver or no marking; Torque: 40 in. lbs.
1093	Ball-seat valve stem assembly; 48mm, green marking; Torque: 40 in. lbs.
1094	Ball-seat valve stem assembly; 49mm, black marking; Torque: 40 in. lbs.
1095	Ball-seat valve stem assembly; 51mm, orange marking; Torque: 40 in. lbs.
1099	Special ball-seat valve stem assembly for BMW; 52mm; Torque: 40 in. lbs.
TP416L	Ball-seat 0.453" valve stem assembly for select Tesla models; 52mm; Torque: 40 in. lbs.



Shear-Ring Type Valve Stems with M5 Screw Pressure Rated to 200psi

Dill P/N	Description
1096	Ball-seat valve stem assembly w/ internal shear ring; 43mm; Torque: 40 in. lbs.
1096-B	Black ball-seat valve stem assembly w/ internal shear ring; 43mm; Torque: 40 in. lbs.
1096-G	Titanium grey ball-seat valve stem assembly w/ internal shear ring; 43mm; Torque: 40 in. lbs.
1097	Ball-seat valve stem assembly w/ internal shear ring; 56mm; Torque: 40 in. lbs.

Shear-Ring Type with M6 Screw Pressure Rated to 200psi

Dill P/N	Description
1040K	0.453" valve stem assembly for 2006-2012 Mercedes Benz; Torque: 53 in. lbs.
1098K	0.453" valve stem assembly for 2007-2013 Sprinter van chassis; Torque: 53 in. lbs.





VS-35



VS-241



VS-969



7006HP-625



VS-919



DV416-WS



DV-545-55



DV-553C-WS



DA416



DA542



DA543E



DA545D



DA572



DA574-K32

Light Truck TPMS

Dill P/N	Description	Rim Hole
VS-35	O-ring valve stem for RAM dually w/ OE Alloy wheels; 45° angle	9.7mm
VS-241	Corrosion-resistant clamp-in valve stem for 2017+ Ford Super Duty, includes USA-made flow-thru cap	0.453"
VS-969	Valve stem for inner rear wheel and outer steel wheel for 2019-2023 RAM 4500/5500	0.453"/0.625"

Heavy Duty & Commercial Truck

Dill P/N	Description	
7006HP-625	7006HPR TPMS Sensor with VS-919 installed	0.625"
VS-919	Clamp-in valve for GM, Ford, RAM, Dill 5001, 5002, 5003 & 7005HPR, 7006HPR	0.625"
DV416-WS	Clamp-in grommet style valve stem for direct OEM Ford TPMS; includes screw	0.453"/0.625"
DV545-55	Clamp-in O-ring style valve stem w/ 55° bend for direct OEM TPMS	0.390"
DV553C-WS	Clamp-in grommet style valve stem w/ 45° for direct OEM Ford TPMS; includes screw	0.390"

Dill Adapters

Dill P/N	Description	
DA416	Straight valve stem assembly for factory GM/RAM trailer sensors & common Hi-Rail conversions	0.453"/0.625"
DA542	Straight valve stem assembly for popular aftermarket 19.5" & 22.5" wheels	0.390"
DA543E	Bent valve stem assembly for OE front alloy wheels on 2020+ Silverado/Sierra 3500 DRW	0.390"
DA545D	Bent valve stem assembly for aftermarket 19.5" & 22.5" wheels & common Hi-Rail conversions	0.390"
DA572	Straight valve stem assembly for common Hi-Rail conversions	0.625"
DA574-K32	Bent valve stem assembly for common Hi-Rail conversions	0.625"



Compatible w/ Google, Android, & Apple phones & tablets

Download the app →



System allows user to monitor internal tire pressure and temperature by installing sensors inside the tire.

Max Operating Pressure: 150psi (1040 kPa)
Operating Temperature: -40°F to 196°F (-40°C to 91°C)
Cellular data not required to operate the app

Can be upgraded to monitor up to 38 tires
Can store over 30 different vehicle configurations
Signal Repeater available if needed (P/N 9405)



- | | |
|----------------------|--|
| BAND-MOUNTED | 1604-B (4) SENSOR BANDED SYSTEM |
| | 1606-B (6) SENSOR BANDED SYSTEM |
| | 9400-B (1) BAND-MOUNTED SENSOR W/ CRADLE & BAND |
| VALVE-MOUNTED | 1604-V (4) SENSOR VALVE MOUNTED SYSTEM |
| | 1606-V (6) SENSOR VALVE MOUNTED SYSTEM |
| | 9400-V (1) VALVE-MOUNTED SENSOR WITH VALVE |



1195
Replacement band



VS-496
Replacement valve



9405
Signal Repeater

95% vehicle coverage



7100

Includes 19 SKU's
Includes 76 service kits*



7300

Includes 56 replaceable
OE TPMS valve stems*



Over 1/2 of the TPMS-equipped vehicles on the road have replaceable valve stems.

"When reinstalling the sensor, it is suggested that the locknut, gasket, and valve core be replaced and torqued to the proper specification."

-Automotive Maintenance & Repair Association & Motorist Assurance Program



5112A

- Service Kit assortment cabinet (180 pcs. *)
- Can bolt to a horizontal or vertical surface
- 17" x 11" x 11"

"Always remove and replace snap-in valves when replacing tires. Never reuse snap-in valves."

- U.S. Tire Manufacturers Association (USTMA)

*Contents & their quantities are routinely updated to maximize coverage



5540

40 in-lbs (4.5N·m) pre-set hex nut torque driver

- 1/4" drive



5565

65 in-lbs (7.3N·m) pre-set hex nut torque driver

- 1/4" drive



4065

Pre-set hex nut torque driver set

- Includes: 5540, 5565, & 11 & 12mm deep well sockets



8200

TPMS Installation Tool Kit

Tool kit includes:

- 5540 Pre-set hex nut torque driver
- 5565 Pre-set hex nut torque driver
- 11 & 12mm deep well sockets
- 5415 & 5535 Torx bit torque drivers
- 5414 Valve core torque driver
- 5417 European sensor holding tool
- 4700 Grommet removal tool
- 8910 3-way Fishing tool



5415

Snap-in T10 torque driver

- Pre-set to 12 in-lbs
- Replaceable bit



5535

T20 torque driver for European valve stems

- Pre-set to 35 in-lbs
- Replaceable bit



5414

Valve core torque driver

- Pre-set to 3-4 in-lbs



5417

European sensor holding tool

- Valve core removal tool
- Holds 1090-series valve stems



8911

4-way TPMS tool

- Grommet & valve nut installer

5515-1: 5pk T10 Torx bits

5535-1: 5pk T20 Torx bits



5415-2

2pk bits for VS-1010 valve stems

- For use with 5415



4700

Aluminum grommet removal & install tool



8910

3-way fishing tool

- Holds sensor during tire dismounting
- Core remover & deflator in the handle

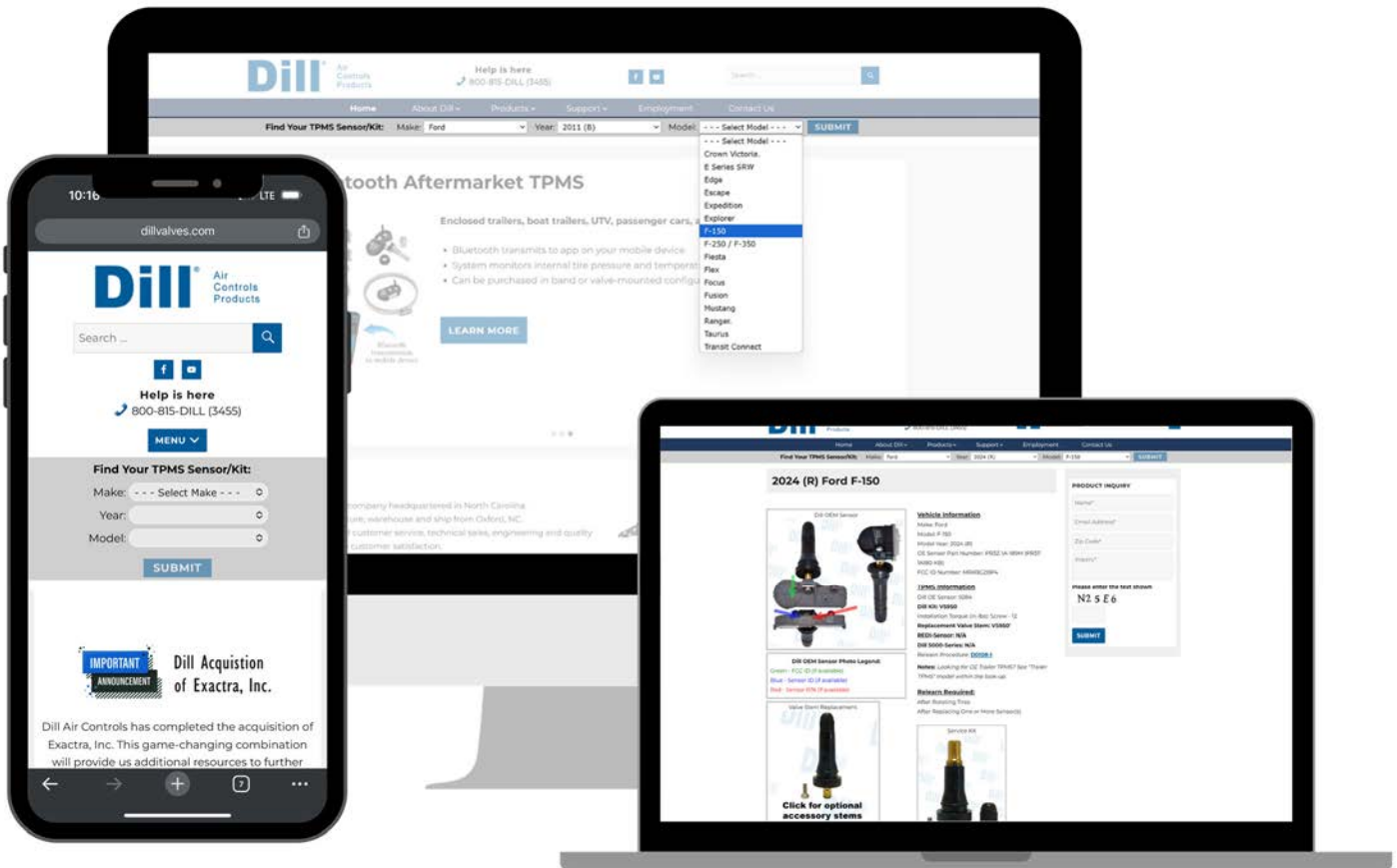


5010 TPMS Hex Nut Removal Kit



The best way to remove a seized TPMS valve hex nut or seized valve core.

TPMS Make/Model/Year Look-Up





9700

TPMS Counter Display

- Includes sensor & used rubber grommet
- “Why We Replace Service Kits” consumer education points printed on the back
- 6” x 6.5” footprint

Design & included parts may vary



5707

Dill Tech-Support Magnet

- Perfect for tool boxes, tire machines, & the front sales area or office
- Includes VIN decoder

Dill P/N	Description
VS-70P	Valve stem plug for OE & REDI-Sensor™ with 0.86” effective length for wheels with 2 valve holes
VS-925P	Valve stem plug with 0.94” effective length for rims with 2 valve holes
1025	Metal cradle used when installing band sensors
1025-U	Universal metal cradle allows installation of valve-mounted sensors
1026	Plastic locking clip for band sensors
1194	Universal band; fits 14” - 26” wheels



A valve stem plug is to be used if there is a clearance issue with the original length valve stem in the Aftermarket wheel's second valve hole.



Always perform the vehicle's relearn procedure even when reusing sensors



1025 & 1025-U



0.453" Valve Hole Diameter (11.3mm)

Dill USA P/N	Dill ACP P/N	TR No.	Cold Inflation Pressure (as specified by Tire & Rim Association)	Eff. Length
-	T-12-WZ	412	65 psi (maximum)	0.88"
-	T-12-WZS	w/ Chrome Sleeve		
T-13-R	T-13-WZ	413	65 psi (maximum)	1.25"
-	T-13-WZS	w/ Chrome Sleeve		
-	T-14-WZ	414	65 psi (maximum)	1.50"
T-18-R	T-18-WZ	418	65 psi (maximum)	2.00"
-	T-23-WZ	423	65 psi (maximum)	2.50"
E-600-D	E-600-WZ	600HP	80 psi (maximum)	1.27"
-	E-600-WZS	w/ Chrome Sleeve		
-	TR-602-HP	602HP	80 psi (maximum)	2.19"

0.625" Valve Hole Diameter (15.9mm)

Dill USA P/N	Dill ACP P/N	TR No.	Cold Inflation Pressure (as specified by Tire & Rim Association)	Eff. Length
-	T-15-WZ	415	65 psi (maximum)	1.25"
-	T-25-WZ	425	65 psi (maximum)	2.00"
-	801-HP	801HP	80 psi (maximum)	1.31"

0.346" Valve Hole Diameter (8.8mm)

Dill USA P/N	Dill ACP P/N	TR No.	Cold Inflation Pressure (as specified by Tire & Rim Association)	Eff. Length
-	VS-438	438	65 psi (maximum)	1.20"



Recommended max. valve hole rim thickness for snap-in valve stems

65 psi	0.156"
80 psi*	0.205"

*Use a clamp-in valve stem when the application requires 80 psi or more

-For certain Mercedes Benz spare tires



Clamp-in Tire Valve Stems
Pressure Rating: 200 psi

Dill P/N	TR No.	Description	Eff. Length	Valve Hole	Torque (in. lbs.)
VS-305-L	-	0.305-32 (8V1) threads on both sides, stainless steel 	OAL: 1.125"	-	35-45
VS-305-S	-	0.305-32 (8V1) threads on both sides, stainless steel 	OAL: 0.925"	-	35-45
VS-725S	-	Lightweight silver aluminum for aftermarket wheels; 10 pack or 50 pack	1.53"	0.453"	25-45
VS-725B	-	Lightweight black aluminum for aftermarket wheels; 10 pack or 50 pack	1.53"	0.453"	25-45
VS-911-R	-	For late model Toronado & Eldorado; 60° bend 	2.60"	0.453"	25-45
VS-938-F	-	Tall profile w/ flow thru cap; Chrome 	2.19"	0.453"	25-45
VS-944DW	-	Hot Rod Racing Valve; Low profile Chrome Plated Brass	1.13"	0.453"	25-45
VS-944R	-	Hot Rod Racing Valve; Low profile Chrome 	1.13"	0.453"	25-45
VS-962C	-	Bent 23° Brass with 6541B flow-thru cap 	2.32" *	0.453"	25-45
VS-962WZ	-	Bent 23° Chrome with plated flow-thru cap; Nickel Plated Brass	2.32"	0.453"	25-45
TR416	416/416S	Low profile Nickel Plated Brass; Allen key slot in base -Assembled; large grommet above nut 	1.44"	0.453" or 0.625"	25-45
TR-416S	416S	Low profile Nickel Plated Brass; Allen key slot in base -Assembled w/ RG54 grommet; large grommet not included	1.44"	0.453"	25-45
TR-416U-39	416	RG39 grommet installed; cap, hex nut, washer bulk packed 	1.44"	0.625"	25-45
VS-902U54-R	416S	RG54 grommet installed; cap, hex nut, washer bulk packed 	1.44"	0.453"	25-45
TR-416L	-	Tall profile Nickel Plated Brass; Allen key slot in base -Assembled; large grommet above nut 	2.20"	0.453" or 0.625"	25-45
VS-902-CR	416S	Low profile, Nickel-plated -Components packed separately 	1.44"	0.453" or 0.625"	25-45
VS-902-R	416S	Low profile, Nickel-plated -0.625" grommet not included -Components packed separately 	1.44"	0.453"	25-45
VS-902K	416S	For Ford F-Series outer steel wheels; Brass 	1.96" *	0.453"	25-45
VS-902-W	-	Low profile Chrome Plated Brass Performance Valve Stem	1.32"	0.453"	25-45
VS-902-WP	-	VS-902 with USA-made flow-thru cap	2.00"	0.453"	25-45
VS-902-WZ	416	0.625" grommet, cap, hex nut, washer installed; Chrome Plated Brass	1.44"	0.625"	25-45



Enkei & Motorcycle Valve Stems

Pressure Rating: 200 psi

Dill P/N	TR No.	Description	Eff. Length	Valve Hole	Torque (in. lbs.)
VS-933E	-	Low profile, Ni-plated Brass	1" w/ 45° bend	0.453"	25-45
VS-934E	-	Low profile, Ni-plated Brass	0.75"	0.453"	25-45
VS-935E	-	Low profile, Ni-plated Brass	1.38"	0.453"	25-45
VS-936E	-	Low profile, Ni-plated Brass	1"	0.453"	25-45
VS-936RW	-	Low profile, Ni-plated Brass	0.52"	0.453", 0.625"	45-75
VS-936RZ	-	Low profile, Brass	0.52"	0.453", 0.625"	45-75
VS-937E	-	Low profile, Ni-plated Brass	1" w/ 85° bend	0.453"	25-45
VS-943	-	Low profile, Brass 	1" w/ 21° bend	0.625"	35-55
VS-1218	430	O-Ring Seal  	1.17"	0.327"	25-45

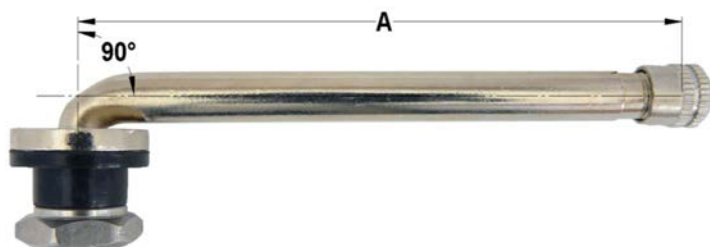
Sprinter Valve Stems

Pressure Rating: 200 psi

Dill P/N	Description	Eff. Length	Valve Hole	Torque (in. lbs.)
VS-3600*	For Sprinter DRW Outer Rear Steel Wheel	-	0.453"	25-45
VS-3601*	For Sprinter DRW Front & Inner Rear Steel Wheels	2"	0.453"	25-45



*Packed 2 valves per bag, 10 valves per box



Grommet

Dill P/N	TR #	Temp Range
523	RG46	-40°F to 275°F (-40°C to 177°C)

90° Truck Valve Stems for Aluminum Disc Wheels

Pressure Rating: 200 psi

Dill P/N	TR #	Description	Eff. Length (A)	Valve Hole	Torque (in. lbs.)
VS-879-RW	510	External seal 	5.50"	0.625"	100-125
VS-946-RW	509	External seal 	4.75"	0.625"	100-125
VS-949-RW	511	External seal 	4.25"	0.625"	100-125

570 Series for 0.625" Steel Wheels

- High temp. ozone resistant grommet standard



Available Grommets

Dill P/N	Temperature Range
 462	-40°F to 275°F (-40°C to 135°C)
 462G	-40°F to 350°F (-40°C to 177°C)
 462F	-50°F to 400°F (-46°C to 205°C)

EQ-Series for 0.625"

- -40° to 400°F (-40° to 205°C)
- Hi-temp O-ring (Viton)



570 Series for 0.625" Steel Wheels

Pressure Rating: 200 psi

Dill USA P/N*	Dill P/N	TR #	Eff. Length
VS-500-R	VS-500-WZA 	500	2.00"
VS-501-R 	VS-501-WZA 	501	1.50"
VS-570-R 	VS-570-WZA 	570	3.13"
VS-571-R 	VS-571-WZA 	571	3.38"
VS-572-R 	VS-572-WZA 	572	3.75"
VS-572-F19 	VS-572WZ-F19	572-F19	3.75" w/ 31° bend
VS-573-R 	VS-573-WZA 	573	4.38"
VS-574-R 	VS-574-WZA 	574	5.00"
VS-903-R	TR-575 	575	1.13"
VS-1223-R	VS-1223-WZ 	-	1.00" w/ 23° bend

Installation Torque: 35-55 in-lbs.



570 series are made with hex for easy installation

 = Allen-key slot

EQ series are made with hex to prevent spinning during torque process

 = Allen-key slot



EQ-Series for 0.625"

Pressure Rating: 200 psi

Dill P/N*	TR #	Eff. Length
VS-572-EQ 	572EQ	3.75"
VS-573-EQ 	573EQ	4.38"
VS-572-EQ-13 	-	3.75" w/ 13° bend
VS-573-EQ-13 	-	4.38" w/ 13° bend

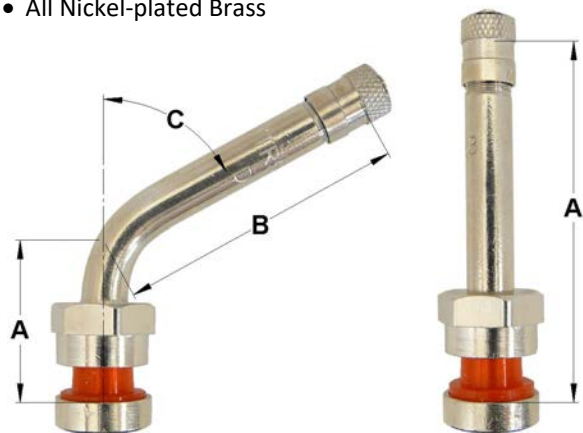
Installation Torque: 50-65 in-lbs.

*Parts available with various caps, grommets, & bend angles, as requested.

Warning: Bending valve stems after installation may cause air loss.

550-Series Grommet Style

- Comes on many Alcoa wheel applications
- Red silicone grommet
- -40°F to 275°F (-40°C to 177°C)
- All Nickel-plated Brass



⊖ Valve stems are designed with screwdriver slot for easy installation



Ask us about our Truck Stem Installation Poster!

For proper installation, use Dill 5700 or 5720. See page 22 for details.

540-Series O-Ring Style

- Comes on many Accuride wheel applications
- Silicone O-ring
- -40°F to 275°F (-40°C to 177°C)
- All Nickel-plated Brass



O-Rings are Made in the **USA**

550-Series Grommet Style

Pressure Rating: 200 psi

Dill P/N*	TR #	A	B	C
VS-552	552	1.26"	-	-
VS-553	553	2.31"	-	-
VS-553C	553-C	0.93"	1.38"	45°
VS-553E	553-E	0.98"	1.38"	75°
VS-554D	554-D	0.98"	1.94"	60°
VS-555D	555-D	0.98"	2.60"	60°
VS-555E	555-E	0.98"	2.60"	75°

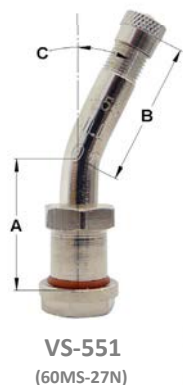
540-Series O-Ring Style

Pressure Rating: 200 psi

Dill P/N*	TR #	A	B	C
VS-542	542	1.26"	-	-
VS-543	543	2.31"	-	-
VS-543C	543C	0.93"	1.38"	45°
VS-543D	543D	0.98"	1.38"	60°
VS-543E	543E	0.98"	1.38"	75°
VS-544	544	2.86"	-	-
VS-544C	544C	1"	1.94"	45°
VS-544D	544D	0.98"	1.94"	60°
VS-545	545	3.50"	-	-
VS-545B	-	1.38"	2.14"	26°
VS-545C	-	0.98"	2.60"	36°
VS-545D	545D	0.98"	2.60"	60°
VS-545E	545E	0.98"	2.60"	75°
VS-546D	546D	0.98"	3.35"	60°
VS-546E	546E	0.98"	3.35"	75°
VS-546G	546-36	0.98"	3.35"	36°
TR-546G	546G	1.25"	3.35"	105°
VS-547D	547D	0.98"	3.78"	60°

Installation Torque: 80-125 in-lbs.

Warning: Bending valve stems after installation may cause air loss.



VS-551
(60MS-27N)



V3-206
(V3.20.6)



60MS



V3-204N
(V3.20.4)



V3-207N
(V3.20.7)



V3-204
(V3.20.4)



70MS-7



54MS



V3-205
(V3.20.5)

Truck Valve Stems for 0.390" Rim Hole (9.7mm)

Pressure Rating: 200 psi

Dill P/N*	ETRTO	Material	A	B	C	Torque (in-lbs.)
VS-551	-	Ni-plated	0.99"	1.19"	27°	106-133
VS-551B	-	Brass	0.99"	1.19"	27°	106-133
V3-204N	V3.20.4	Ni-plated	0.98"	2.36"	27°	106-133
V3-201	V3.20.1	Brass	1.42"	-	-	106-133
V3-204	V3.20.4	Brass	0.98"	2.36"	27°	106-133
V3-205	V3.20.5	Brass	0.98"	1.57"	27°	106-133
V3-205N	V3.20.5	Ni-plated	0.98"	1.57"	27°	106-133
V3-206	V3.20.6	Brass	0.98"	3.35"	27°	106-133
V3-207	V3.20.7	Brass	0.98"	1.97"	27°	106-133
V3-207N	V3.20.7	Ni-plated	0.98"	1.97"	27°	106-133
V3.22.1	V3.22.1	Ni-plated	0.98"	1.10"	45°	106-133
54-MS-00	V3.22.3	Ni-plated	1.89"	-	-	106-133
60-MS-00	V3.22.4	Ni-plated	2.13"	-	-	106-133
70MS-7	V3.22.6	Ni-plated	1.28"	1.10"	7°	106-133

= hex bottom



= screwdriver slot





5700



5720

	572G-6	540G (.390")	T-540 (.390")	570G (0.625")	T-572-OPEN (0.625")	T-572-STRAIGHT (0.625")
5700	✓	✓	✓	✓	✓	
5720	✓	✓	✓	✓		✓

540G



Tool with gauge to verify correct rim hole size. 540G used with TR 540-550 series aluminum valves. Brush to remove debris & burrs from rim hole.

570G



570G used with TR 570 series brass valves. Brush to remove debris & burrs for rim hole.



Insert Go No-Go gauge into valve hole. Up to green is okay, beyond is not okay per The Tire & Rim Association standards.

T-540



Pre-set torque wrench for all TR 540-550 series truck valve hex nuts. 124±7 in-lbs.

T-572-STRAIGHT



Pre-set torque wrench for straight TR 570 series truck valve hex nuts. 55±4 in-lbs.

T-572-OPEN



Ratchet style wrench with pre-set torque for pre-bent or straight TR-570 series. Handle pivots when torque is reached. 55±4 in-lbs.

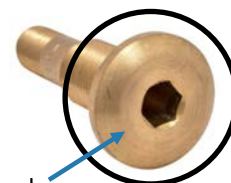
572G-6



7/32" Hex wrench to aid in the installation of TR 570 series valve stems.



5720-POSTER *included in 5700 & 5720 tool kits (22"x34")



Many Dill steel wheel valves include 7/32" hex

*INCLUDES INSTALLATION POSTER (5720-POSTER)

Standard & TPMS Valve Caps

Dill P/N	TR #	Material	Features
627	VC8	Plastic	Black; No sealing gasket
630A	VC3	Plastic	Black Dome Type 
630N	VC3	Plastic	Gray Dome Type 
632	VC3	Ni-plated Brass	Heavy Duty w/ Heat Resistant Seal
635	-	Plastic	Black Long 
643	VC2	Ni-plated Brass	Standard Screwdriver Type 
643WZ	VC2	Ni-plated Brass	Standard Screwdriver Type
650	VC3	Plastic	Gray Short 
650B	VC3	Plastic	Black Short 
655	VC3	Ni-plated Brass	Dome Type 
658	VC3	Ni-plated Brass	Dome Skirted Type
692	VC3	Chrome	Heavy Duty
697	VC3	Chrome	Hex Top for Wrench Tightening
697P	VC3	Chrome Plated	Chrome Plated Plastic 
764	VC3	Zinc Plated Brass	Black Chromate; Low Profile 
765	VC3	Ni-plated Brass	Low Profile



Aircraft Valve Caps

Dill P/N	TR #	Material	Features
637	VC5	Yellow-painted Brass	MS-20813-1 See page 49 for more details 
2114	VC9	Tin-plated Brass	High pressure large bore See page 49 for more details 



Large Bore Valve Caps

Dill P/N	TR #	Material	Feature
8971	VC6	Brass	Screwdriver
8971H	VC7	Brass	Hex



Selecting incorrect cap could result in unwanted corrosion



N2 Sealing Valve Caps



 = TPMS Friendly



Valve Core Options

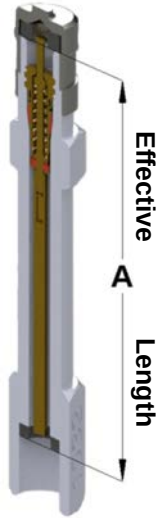
Dill P/N	Application	Standards	Max. Working Pressure (psi)	Temperature Range (°F) *	Cup Seal Mat'l	Comments
402-AH	Aircraft	TR C4, ISO 9475	550	-65 to 250	Silicone	FSN 2640-810-5861
100-GL	Fuel Rail	OEM	300	-40 to 200	Viton	Flex Fuel
100-SV	Fuel Rail	OEM	300	-20 to 250	Viton	Oil/Gasoline resistance
100-GP	Gas Pump	Pump Mfg.	300	-40 to 200	Viton	10-50 psi opening pressure; Gasoline & Flex Fuel
70-HT	Large Bore	TR C2, A-A-52611	450	-65 to 250	Silicone	0.13" pin travel 
70-HV	Large Bore	TR C2, A-A-52611	450	-65 to 250	Viton	0.13" pin travel 
100-GSW	Low Pressure Drop	Compression Tester	300	-40 to 225	Nitrile	200 psi maximum flow pressure; 0-60 kPa opening pressure
100-GC	Misc.	None	200	-40 to 250	Silicone	External spring; Compact design
302-DV	Oxygen	Portable Cylinders	2000	-30 to 250	Viton	Not cleaned for oxygen service
100-LT	Propane	UL147A, CGA 600	500	-20 to 200	Hydriin	0.145" pin travel
100-LP	Propane/Fuel	CGA 600	400	-20 to 275	Viton	0.145" pin travel
100-LV	Propane	CGA 600	300	-20 to 275	Viton	0.145" pin travel
100-JH	Refrigeration	ARI 720	800	-40 to 250	Neoprene	R12, R22, R134a, R407a, R410a, 1234YF; Control Stop feature
100-CS	Refrigeration	OEM, ARI 720	700	-40 to 250	Neoprene	0.145" pin travel; R12, R22, R134a, R407a, R410a; Control stop feature
100-LG	Refrigeration	SAE J639	500	-20 to 250	Neoprene	0.145" pin travel; R12, R22, R134a, R407a, R410a, 1234YF; Control stop feature
100-LH	Refrigeration	SAE J639	500	-40 to 250	EPDM	0.145" pin travel; R134a
100-MF	Refrigeration	ARI 720	800	-40 to 250	Neoprene	R12, R22, R134a, R407a, R410a, 1234YF; Control Stop feature
100-MKW	Refrigeration	ARI 720	800	-40 to 250	Neoprene	R12, R22, R134a, R407a, R410a, 1234YF, R32; Control Stop feature
302-DL	Refrigeration	ARI 720	2000	-20 to 200	Neoprene	High pressure refrigeration
302-DN	Strut Valve	AN-809	3000	-65 to 225	Nitrile	Oil resistant
100-AA	Tank Valve	TR C1, A-A-52611	300	-40 to 250	Nitrile	A-A-52611 supersedes ZZ-V-25
100-KK	Tank Valve	None	300	-40 to 250	Viton	4-15 psi opening pressure; Oil/Fuel resistant
100-HA	Tire Valve	TRC1, J1205, J 1206	300	-40 to 250	Silicone	Car, truck, & bus
100-TJ	Tire Valve	TRC1, J1205, J 1206	300	-65 to 250	Silicone	Ni-plated
100-TP	TPMS	TRC1, J1205, J 1206	300	-65 to 250	Silicone	Electroless Ni-plated for Automotive; TPMS Friendly 

No-lead Valve Core Options**

100-GSL	Low Pressure Drop	Compression Tester	300	-40 to 225	Nitrile	200 psi maximum flow pressure
100-MKL	Tank Valve	ARI 720	800	-40 to 250	Neoprene	R12, R22, R134a, R407a, R410a, 1234YF; Control Stop Feature
100-NSL	Misc.	None	300	-40 to 225	Nitrile	0 psi opening pressure; this core does not contain a spring
100-VBL	Mapp Gas	UL147A, CGA 600	400	-20 to 250	Viton	0.145" pin travel

*See Conversion page in the back of the catalog for Celsius readings

**No-lead options highlighted in green



- Warning -
Do not use metal extensions on rubber snap-in valve stems.

3/8" Hex

3/8" Collar

1" Collar

356 350 331 330 341 346 347 348 349 SK-1492

3/8" Collar	
Dill P/N	A
356	1.38"
350	2.19"
331	3.00"
330	4.00"
341	4.44"
1" Collar	
346	1.06"
347	3.06"
348	5.06"
349	6.06"
SK-1492	8.00"

Max pressure = 3,000 psi
Torque all to 25-35 in. lbs.
Include dome valve cap

Lightweight Truck Extensions

3/8" Collar	
Dill P/N	A
1032	2.00"
1033	2.94"
1034	3.93"
1035	5.12"
1" Collar	
1037	2.94"
1038	5.12"
1039	6.00"

Max pressure = 200 psi
Torque all to 6-12 in. lbs.
Include dome valve cap

3/8" Hex

3/8" Collar

1" Collar

1032 1033 1034 1035 1037 1038 1039

1" Collar	
Dill P/N	A
317/113/4	11.75"
317-10	10.00"

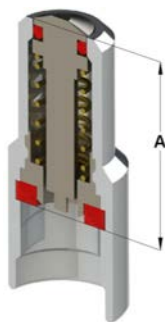
Max pressure = 200 psi
Torque all to 6-12 in. lbs.
Include dome valve cap



317/113/4 317-10



- Highest Flow-Rate in the Industry
- Approved for Fleet-Use
- 100% Leak Tested
- -40°F to 212°F (-40°C to 100°C) Temperature Range



USA-Made Dual Seal Caps

Dill P/N	Material		Length (A)
6541-A	Grooved, Ni-plated		.55"
6541-B	Brass		.55"
6541-N	Threaded Ni-plated		.55"
6541-P	Chrome-plated		.55"

Truck Extension Caps

Dill P/N	Material	Length
6241-B	Ni-plated Brass	.50"
6241-M	Ni-plated Brass	.75"
6241-J	Ni-plated Brass	1.00"
6241-G	Ni-plated Brass	1.25"



Plastic Extension Caps

Dill P/N	Material	Length
686-P	Nylon	.75"
687-P	Nylon	1.00"
688-P	Nylon	1.25"



- Important -

Only plastic extensions should be used on rubber snap-in valves.

Braided Stainless Steel Flexible Extensions

Straight Connection			90° Connection		
Dill P/N	Length		Dill P/N	Length	
	IN	MM		IN	MM
9059-7	7.00"	177.8	9059-7-90	7.00"	177.8
9059-10	10.00"	254.0	9059-10-90	10.00"	254.0
9059-12	12.00"	304.8			
9059-14	12.00"	355.6			
180° Connection					
Dill P/N	Length		Dill P/N	Length	
	IN	MM		IN	MM
9059-7-180	7.00"	177.8			
9059-10-180	10.00"	254.0			

Pack Quantity: 5



All include (1) bow clamp*



*Clamp fits wheels up to 5/8" thick

Bent Extensions (200 psi working pressure)

Dill P/N	Material	Length	Bend
335	Nickel-plated Brass	1.69"	135°
345	Nickel-plated Brass	1.85"	45°
370	Nickel-plated Brass	1.37"	180°
390	Nickel-plated Brass	1.88"	90°



Dill P/N	Range		Comments			Finish	Pack
	PSI	kPa					
5600	10-75 psi	-	100% in-process tested			Various Finishes	200
5600CF-USA	10-75 psi	-	100% in-process tested			Classic Camouflage	10
5600-D	10-75 psi	-	100% in-process tested			Dill Logo	100
5900	5-100 psi	-	Digital readout w/ auto shut-off			Black Plastic	1
5988	3-150 psi	20-1034 kPa	Backlit display w/ auto shut-off			Silver Plastic	1
7212-USA	20-120 psi	150-820 kPa	100% in-process tested			Chrome	10
7213-USA	10-50 psi	75-340 kPa	100% in-process tested			Chrome	10
7215-USA	20-120 psi	-	100% in-process tested			Anodized Gold	10
7229-USA	1-20 psi	-	0.5 psi increments			Chrome	10
7230-USA	5-45 psi	-	Air liquid Gauge			Chrome	10
7277-USA	10-75 psi	-	Assorted display pack (includes 10 gauges)			Various Finishes	1
7290-USA	20-90 psi	-	100% in-process tested			Glossy Aqua Blue	200



5900

Blister packed



5988

Blister packed

Backlit Display
Now with AAA Batteries



7277-USA



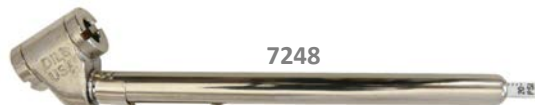
Min. 500 pieces

CUSTOM SCREEN PRINTING AVAILABLE

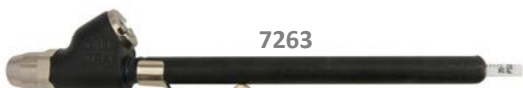
Dill P/N	Range		Comments			Finish	Pack
	PSI	kPa					
7226-H	20-120 psi	-	Fits standard & large bore			Chrome	10
7248-USA	20-120 psi	-	Dual angle; CARB Compliant			Chrome	10
7263-USA	20-120 psi	-	Straight & 30° reverse; CARB Compliant			Black powder coat	10
7278-USA	20-120 psi	-	Straight & 30° reverse; CARB Compliant			Chrome	10
7240	5-50 psi	50-350 kPa	90° head			Chrome	1



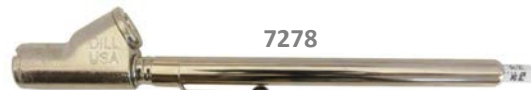
7226-H



7248



7263



7278



7240



Dill P/N	Range	Features	Finish	Bar	Adjustable
SG-1	10-150 psi	Straight & 30° Reverse 	Nickel	White Nylon	-
SG-2	10-150 psi	Straight & 30° Reverse 	Nickel	Anodized Aluminum	YES, external
SG-3	10-150 psi	Straight & 30° Reverse 	Black Textured Powder Coat	Black Metal	YES, external
7125-H	10-150 psi	Straight & 30° Reverse	Chrome	White Nylon	-
7207-H	10-150 psi	Dual Angle	Chrome	White Nylon	-
7233	10-150 psi	360° Swivel (Std & Large bore) 	Chrome	White Nylon	-
7235	10-150 psi	360° Swivel (Std & Large bore) 	Chrome	Black Metal	YES, external
7262	10-150 psi	Straight & 30° Reverse	Black Textured Powder Coat	Black Metal	-
7264	10-150 psi	Dual Angle	Black & Chrome	White Nylon	-
7265	10-150 psi	Straight & 180° Reverse	Chrome	White Metal	-
7275	10-150 psi	Dual Angle	Chrome	Black Metal	-
7275R	10-150 psi	Dual Angle	Chrome	Black Metal	YES, internal
7275-RB	10-150 psi	Offset 25° & 180° Reverse	Chrome	Black Metal	YES, internal
7275-RBE	10-150 psi	Offset 25° & 180° Reverse	Chrome	Silver Metal	YES, external
7285	10-150 psi	Straight & 30° Reverse	Chrome	Black Metal	-
7285-E	10-150 psi	Straight & 30° Reverse	Chrome	Silver Metal	YES, external
7285R	10-150 psi	Straight & 30° Reverse	Chrome	Black Metal	YES, internal



Found on SG-2 & SG-3

All service gauges are packaged 1 per box



8500 Gauge Check Station with Dial Gauge

Quickly check the accuracy of your standard & large bore air gauges

- 0-160 psi liquid filled gauge
- 1/4" NPT filter/regulator to remove contaminants from compressed air
- Access valve mounted on a pressure reservoir
- A certificate of accuracy is included for ISO records
- Designed & pre-drilled to bolt to a wall or table
- Includes standard & large bore ports

Made in the USA



8500-D Gauge Check Station with Digital Gauge

All the same features as the 8500, but now with a 0-200 psi digital gauge

A must have...

- ✓ If you use & service air pressure gauges
- ✓ To maintain accurate tire inflation pressure
- ✓ To comply with Sec. 95550 in California Title 17 (CARB)
- ✓ To ensure your air gauge reading matches the pressure reading of TPMS sensors

8900: Replacement Dial Gauge

3502: Replacement Digital Gauge

Made in the USA



For Adjustable DILL Air Gauges:

Reading LOW? Turn screw clockwise
1 turn for every psi off

Reading HIGH? Turn screw counter-clockwise
1 turn for every psi off



- Air pressure gauge accuracy should be checked weekly
- The Check Station Gauge & Master Gauge accuracy should be checked or replaced annually

8860-C Master Gauge

For more information,
see Page 47





All chucks have 1/4" NPT connection					
Dill P/N	Max Pressure	Features	Air Flow*	Finish	Length
6171-USA	200 psi	Dual-head locking chuck; forward & reverse design 	Closed	Nickel Plated Brass	8"
6172-USA	400 psi	Angled for inner dually wheels w/ bent valve stems 	Closed	Nickel Plated	6"
6173-USA	200 psi	Lock feature, Straight & 180° Reverse angle 	Closed	Nickel Plated	6"
6290	200 psi	90° angle; for Motorcycles 	Closed	Chrome	6.75"
6175-USA	200 psi	Locking lead feature, Straight & 30° Reverse angle 	Closed	Black Powder Coat	7"
6176-USA	200 psi	For standard air line service 	Open	Nickel Plated	6"
6178-USA	200 psi	Dual angle chuck for Large Bore  	Closed	Nickel Plated Brass	6"
6999-FT	300 psi	Lock feature, Straight & 30° Reverse angle 	Open	Nickel Plated	6.5"
6999-USA	300 psi	Straight & 30° Reverse angle	Closed	Chrome	6.5"
6999-L-USA	300 psi	Lock feature, Straight * 30° Reverse angle 	Closed	Nickel Plated	6.5"
6568-USA	200 psi	Locking lead feature, Straight & 30° Reverse angle 	Closed	Black	14.25"
6174-BLK-USA	200 psi	Lock feature, Straight & 30° Reverse angle 	Closed	Black Powder Coat	14"
6174-USA	200 psi	Lock feature, Straight & 30° Reverse angle 	Closed	Nickel Plated	14"
6174-FT	200 psi	Lock feature, Straight & 30° Reverse angle 	Open	Nickel Plated	14"
7245-USA	200 psi	90° angle; for Standard & Large Bore  	Closed	Nickel Plated	9"
7247-USA	200 psi	90° angle; for Standard & Large Bore  	Closed	Nickel Plated	13"

***Normally Open:** There is an opening going all the way through the part. When attached to an air line, it will start blowing air immediately.

***Normally Closed:** There is a pin blocking the path of air through the part. When attached to an air line, it will NOT start blowing air immediately. It will only start blowing air if the pin is depressed (usually done by pressing it onto a valve).



5114



6052



6045



6044-USA



8914-L



9038/9040



7150/7152



5560-USA



7148



8911-L



6294-E



6294-D



6293-E-USA



6293-D-USA



6293-C-USA



6293-S



6293



6293-B



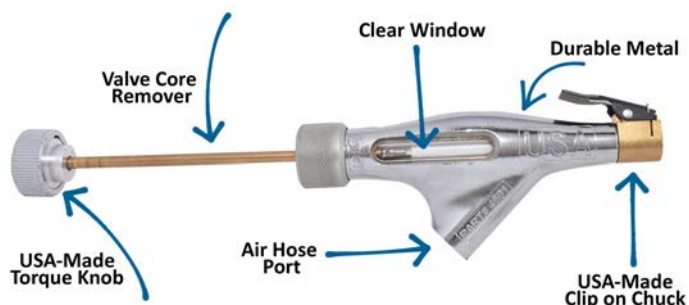
6293-A

Dill P/N	Max Pressure	Connection	Features	Air Flow	Pack*
5114	200 psi	1/4" NPT Female	Blow gun with built-in restrictor & bypass; output pressure limited to 30 psi or less (150 psi max pressure); meets OSHA regulation	-	10
6052	200 psi	5/16" Barbed hose fitting	Ball-type	Closed	10
6045	200 psi	1/4" NPT Male	Ball-type	Closed	10
6044-USA	200 psi	1/4" NPT Female	Ball-type	Closed	10
9038	200 psi	1/4" NPT Female	Large Bore clip-on chuck	Closed	1
9040	200 psi	1/4" NPT Female	Large Bore clip-on chuck	Open	1
7150	200 psi	1/4" NPT Female	Lock-on standard bore not flow-thru for air hose & air meters	Closed	10
7152	200 psi	1/4" NPT Female	Lock-on standard bore not flow-thru for air hose & air meters	Open	10
5560-USA	200 psi	1/4" NPT Female	Lock-on standard bore for inflator gauges	Closed	10
7148	200 psi	1/4" NPT Female	Lock-on standard bore flow-thru for inflator gauges	Open	10
8911-L	200 psi	1/4" NPT Female	Large Bore nut locks on valve when chuck is cocked on threads	Closed	1
6294-E	200 psi	1/4" NPT Female	Large Bore clip-on chuck, open (black plated clip)	Open	5
6294-D	200 psi	1/4" NPT Female	Large Bore clip-on chuck, closed (nickel plated clip)	Closed	5
8914-L	200 psi	1/4" NPT Female	Large Bore straight push-on lock-on chuck with 5.5" handle	Closed	1
6293-E-USA	200 psi	1/4" NPT Female	Straight clip on chuck (black clip)	Open	10
6293-D-USA	200 psi	1/4" NPT Female	Straight clip on chuck (silver clip)	Closed	10
6293-C-USA	200 psi	5/16" Barbed hose fitting	Straight clip on chuck	Open	10
6293-S	200 psi	1/4" Barbed hose fitting	Clip on chuck, slim design	Open	10
6293	200 psi	1/4" NPT Female	Clip-on chuck locks securely onto valve mouth	Closed	10
6293-B	200 psi	1/4" NPT Female	Clip-on chuck provides inflation & pressure gauging	Open	10
6293-A	200 psi	1/4" NPT Female	Clip for 6293 & 6293-B	-	10

*Larger pack quantity may be available upon request

4501 Fast-N-Flator Core Remover & Inflator *More durable than plastic versions in the market!*

- Patented Design
- Fills tires 2x faster
- USA-Made torque knob & chuck
- Clear window in body safely holds valve core
- Removal of valve core & inflation of tire—all in one!



4501-RK Rebuild Kit for 4501



7260 Digital Inflator

7260-length-chuck

- Range: 3-245psi
- Increments: 0.1psi
- Rubber protective cover
- AAA replaceable batteries
- Backlit display
- Auto on/off feature
- PSI, BAR, & kPa modes
- Assembled & tested in USA
- Made in USA hose & chuck

7260 Digital Inflator					
Available Lengths	2'	6'	9'	12'	20'

Available Chucks	6293E	6999FT
------------------	-------	--------

0-160 Dial Inflator

- Range: 0-160psi
- Increments: 2psi
- Rubber protective cover
- Assembled & tested in USA

7297-5-6293S

- 5' hose with 6293S low profile euro-style chuck

7297-9-6293E

- 9' hose with 6293SE USA-Made clip-on chuck





72 High Flow Analog Inflator					
Available Lengths	1'	3'	6'	9'	12'
Available Chuck	No Chuck	6293E	6999FT		

72 High Flow Analog Inflator

72-length-chuck

Cross Reference: Exactra EX-924

- Range: 10-140psi / 100-950kPa
- Increments: 2psi / 20kPa
- Fastest industry flow rate
- Features Bleeder valve
- Assembled & tested in USA



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

7292 Dual Inflator

7292-length

Cross Reference: Exactra EX-920

7292G Dual Inflator w/ Gauge

7292G-length

Cross Reference: Exactra EX-920X

- Dual inflator for Standard Bore & Large Bore applications
- Large Bore hose is 3/8" for high flow
- Includes 7150 & 9038 closed chucks
- Built-in bleeder valve
- Manifold valve allows for pressure checks

Gauge Information for 7292G:

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



7294-6 Standard Bore Inflator

7295-6 Large Bore Inflator

7295-6 Cross Reference: Haltec I-401

- 6' EPDM rubber hose
- Large Bore hose is 3/8" for high flow
- Includes bleeder valve
- Equipped with tank valve for checking pressure
- Open chuck



300 psi Max Pressure

Inflators & Couplers

Dill P/N	Type		Thread	Amflo	Camel	Haltec	Milton	NAPA	Schrader	Tru-flate
1/4" Body Couplers										
D-12	Tru-Flate		1/4" NPT Male	C1	61-524	CO-101	786	90-610	3503	13-124
D-13	Tru-Flate		1/4" NPT Female	C2	61-523	CO-103	785	90-600	3504	13-134
D-13R	Tru-Flate		1/4" NPT Female	-	61-487	-	787	90-609	3505	13-136
102	Industrial		1/4" NPT Female	C20	61-573	CO-201	715	90-670	5142-12	13-235
103	Industrial		1/4" NPT Male	-	61-574	-	714	90-672	-	13-224
123	Lincoln		1/4" NPT Female	C28	61-548	CO-701	790	90-644	3528	13-434
8888	ARO Interchange		1/4" NPT Female	C38	61-526	CO-501	775	90-613	3526	13-324
3/8" Body Couplers										
D-15	Tru-Flate		3/8" NPT Female	C6	61-553	CO-109	1805	90-656	3516	13-613
D-15C	Tru-Flate		1/4" NPT Female	-	61-476	-	1803	90-686	3521	13-610
D-15C-02	Tru-Flate		1/4" NPT Female	-	61-476	-	1803	90-686	3521	13-610
D-15R	Tru-Flate		1/4" NPT Female	CR2	61-487	CO-105	787	-	3505	
117	Industrial		3/8" NPT Female	C26	61-482	CO-204	1835	90-680	3541	13-537
1/2" Body Couplers										
D-16	Tru-Flate		1/2" NPT Male	-	61-564	-	1816	90-664	3511	13-704
D-17	Tru-Flate		1/2" NPT Female	C10	61-563	CO-111	1815	90-665	3512	13-713
D-17R	Tru-Flate		1/2" NPT Female	-	-	CO-111R	-	-	C10R	13-712/713
140	Flow thru		1/2" NPT Female	-	-	-	-	-	-	-

Dill P/N	Type		Thread	Amflo	Camel	Haltec	Milton	NAPA	Schrader	Tru-flate
1/4" Body Nipples										
D-2C	Tru-Flate		1/4" NPT Male	CP1	61-538	NI-102	783	90-624	3506	12-124
D-3C	Tru-Flate		1/4" NPT Female	CP2	61-539	NI-104	784	90-626	3507	12-134
D-6C	Tru-Flate		.307-32 Female	CP12	-	NI-106	779	-	3508	12-104
D-7C	Tru-Flate		.482-26 Female (1.25")	-	61-543	-	780	90-634	3509	12-106
D-7CR	Tru-Flate		.482-26 Female (2.75")	-	61-552	-	781	90-652	3510	12-108
D-7CRL	Tru-Flate		.482-26 Female (3.75")	-	-	-	-	-	-	12-110
109	Industrial		1/4" NPT Female	CP20	61-579	NI-204	728	90-676	5139-11	12-235
110	Industrial		1/4" NPT Male	CP21	61-578	NI-202	727	90-674	5138-11	12-225
111	Industrial		.307-32 Female	-	-	-	731	-	-	-
125	Lincoln		1/4" NPT Female	CP28	61-551	NI-704	792	90-650	3532	12-434
126	Lincoln		1/4" NPT Male	CP27	61-550	NI-702	791	90-648	3531	12-424
8889	ARO Interchange		1/4" NPT Female	CP38	61-529	NI-504	778	90-620	3530	12-335
8891	ARO Interchange		1/4" NPT Male	CP37	61-528	NI502	777	90-618	3529	12-325
3/8" Body Nipples										
D-OE	Tru-Flate		1/4" NPT Male	-	61-480	-	1809	90-685	3519	12-602
D-1E	Tru-Flate		1/4" NPT Female	-	-	-	1810BK	-	-	-
D-2E	Tru-Flate		3/8" NPT Male	CP5	61-558	NI-108	1807	90-658	3517	12-605
D-3E	Tru-Flate		3/8" NPT Female	CP6	61-559	NI-110	1808	90-660	3518	12-612
122	Industrial		3/8" NPT Male	-	-	-	-	90-683	-	-
1/2" Body Nipples										
D-OF	Tru-Flate		3/8" NPT Male	-	61-474	-	1819	90-689	3537	12-702
D-2F	Tru-Flate		1/2" NPT Male	CP9	61-568	NI-112	1817	90-666	3513	12-705
D-3F	Tru-Flate		1/2" NPT Female	-	61-569	-	1818	90-668	3514	12-712
131	Industrial		1/4" NPT Male	-	-	-	1855	-	-	-
141	Flow thru		1/2" NPT Male	-	-	-	-	-	-	-



1/4"



3/8"



1/2"



Compatibility Charts : See which Plug fits which Coupler

		Plugs												
1/4"		D-2C	D-3C	D-6C	D-7C	D-7CR	D-7CRL	109	111	110	125	126	8889	8891
Couplers	D-12	✓	✓	✓	✓	✓	✓							
	D-13	✓	✓	✓	✓	✓	✓							
	D-13R	✓	✓	✓	✓	✓	✓							
	102							✓	✓	✓				
	103							✓	✓	✓				
	123										✓	✓		
	8888												✓	✓

		Plugs				
3/8"		D-OE	D-1E	D-2E	D-3E	122
Couplers	D-15	✓	✓	✓	✓	
	D-15C	✓	✓	✓	✓	
	D-15C-02	✓	✓	✓	✓	
	D-15R	✓	✓	✓	✓	
	117					✓

		Plugs				
1/2"		D-OF	D-2F	D-3F	131	141
Couplers	D-16	✓	✓	✓		
	D-17	✓	✓	✓	✓	
	D-17R	✓	✓	✓	✓	
	140					✓

Tread Depth Gauges



5123



5124



5126



5127



5800
Blister Packed



5300



5131



5131 in
stored position

Dill P/N	Depth Range	Comments	Pack
5123	0/32" to 32/32" 0 to 25mm	Plastic indicator bar	100
5124	6/32" to 32/32" = green 3/32" to 6/32" = yellow 0/32" to 3/32" = red	Classic-style color gauge	100
5126	0/32" to 32/32"	Metal indicator bar	10
5127	6/32" to 32/32" = green 3/32" to 6/32" = yellow 0/32" to 3/32" = red	Improved metal indicator bar Color won't scratch off easily	10
5131	8/32" to 192/32" 7 to 150mm	For use with OTR tires	10
5150	0/32" to 32/32" 0 to 25mm	For truck; stainless steel Etched in mm and 1/32" increments	1
5300	0/32" to 192/32" 0 to 150mm	With easy to read magnifying lens For use with OTR tires	1
5800	0/32" to 33/32" 0 to 1.0312" 0 to 26.19mm	Provides digital readout Battery included; auto-off feature	1



5150
Pouch included



Dill P/N	Type	Features/Applications
5170	Valve Core Wrench & Tire Deflator	Dual purpose tool; becomes deflator when screwed firmly over valve stem; opposite end has standard bore valve core remover
5209	4-way Valve Tool	Insert & remove valve cores including cores with broken swivels; cleans & recuts core & valve cap threads
5406	Valve Core Inserter	Hexagonal; nickel-plated; 3" length for positive finger tip control
5407	Snap-in Valve Puller	Rugged steel design with easy-lead valve tip feature
5407-AL	Snap-in Valve Puller	Heavy-duty aluminum design with valve core driver on the end
5407-P	Snap-in Valve Puller	Plastic exterior is wheel finish safe; inner metal rod for rigidity
5410	Snap-in Valve Puller	Patented valve puller ergonomically designed to limit pull-in & pull-thru force <i>*page 40</i>
5411	Valve Core Screwdriver	Compact, easy to grip, plastic handle; 4.3" overall length
5430A	Passenger Tire Inspection Kit	Includes pouch (5430), tire crayon (4510), air gauge (5600), tread depth gauge (6500), & flat-head screwdriver (5425)
5500-BP	Low Profile Bead Lever Tool	Angled & knurled grip gives more leverage; blister-packed
5503	Sleeves for 5500-BP Tool	3-pack of black wheel-finish safe covers for 5500-BP Tool
6108	Tube Deflator	Quickly deflates tubes by utilizing the Venturi effect
6108-D	Deflating Nozzle	Same as 6108 but has a deflator pin so valve core removal is not required
6129	Easy-out Core Extractor	Left-handed thread removes cores with broken swivels
8909	Valve Fishing Tool	Aligns & holds valve in position while mounting tire; fits all valve hole sizes
VLSTP	Valve Stopper w/ Flow Thru Cap	For use with all standard tube valves to prevent pull-through during installation

#5410 Patent-Pending Snap-in Valve Stem Puller



- ✓ ***Innovative material protects rim***
- ✓ ***Extreme durability for longer life than others in the market***
- ✓ ***Ergonomically designed to lower snap-in install & removal force, making it easier on installers***



Watch the video

Out with the old...



- ✗ ***May mark the rim***
- ✗ ***Breaks easily***
- ✗ ***Difficult to install/pull through TPMS snap-ins***



VS-714AR-643



VS-714B



VS-714-WZA



VS-714-WZD/655



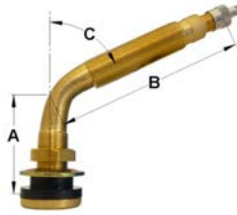
VS-714-WZD/643



VS-714P



VS-902VLWZ



VS-921AR



VS-922AR



VS-923AR

0.625" Valve Stems Pressure Rating: 200 psi

Dill P/N	TR #	A	B	C	Description
VS-714AR-643	618A	1.88"	-	-	Air/Liquid valve stem 
VS-714-A3-250	618A	1.88"			Air/Liquid valve; bulk packed; unassembled 
VS-714B	-	1.45"	-	-	Shorter version of 618A, 40mm overall length
VS-714-WZA	618A	1.88"	-	-	Octagon core housing with screwdriver cap
VS-714-WZD/655	618A	1.88"	-	-	Knurled core housing & dome cap
VS-714-WZD/643	618A	1.88"	-	-	Knurled core housing & screwdriver cap
VS-714P	618A	1.85"	-	-	Snap-in version of 618A
VS-902VLWZ	-	1.50"	-	-	For 0.625" x 0.875" oval rim hole
VS-921AR	621A	1.54"	2.95"	65°	Liquid fill valve stem
VS-922AR	622A	1.77"	4.53"	90°	Liquid fill valve stem
VS-923AR	623A	1.54"	2.24"	65°	Liquid fill valve stem

Hex Nut Installation Torque: 45-75 in-lbs.

Core Housing Installation Torque: 3 in-lbs.

The Dill Difference



Dill now makes many Large Bore valves & components in the USA



Dill's innovative Engineering & Manufacturing teams can create custom solutions



Unbeatable reliability with a 99.7% on-time delivery rate



Dedication to quality is more than a saying at Dill - it's a commitment

When you Demand Dill, you demand the highest quality products in the industry. For 6 decades, Dill has been the leader in custom tank valve solutions. Dill is certified to ISO 9001:2015, & has over 5 years of experience making lead-free brass parts, which comply with Prop 65. Dill's dedicated product engineers can offer custom solutions for your applications.*

MACHINING

- USA-Made
- Custom solutions
- Top of the line equipment
- Ability to machine to tight tolerances
- Various materials & sizes to meet custom specifications
- **Available materials include:**
 - Brass
 - Nickel Plated Brass
 - Lead Free Brass
 - Stainless Steel
 - Aluminum



ASSEMBLY

- Automated assembly machines
- Multiple check stations for parts & assemblies
 - Pressure Test
 - Leak Test
 - Dimensional/fitment

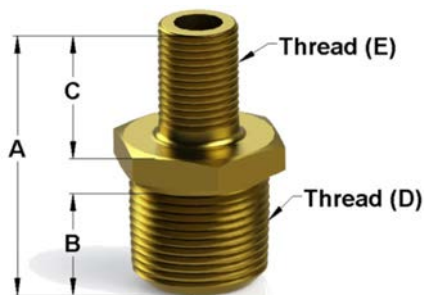
Applications:

- | | | | | |
|--------------|--------------------|----------------------|------------|----------------|
| •Water Tanks | •Railroad Industry | •Plumbing/Irrigation | •Pneumatic | •Relief Valves |
| •Shocks | •Refrigeration | •Gas / Oil / Fuel | •Custom | |

Contact us for your all of your
custom **tank valve solutions!**

**Minimum order quantities may apply.*

All Tank Valves are Made in the **USA**



Various Cap & Core combinations available upon request. See all available valve cores on page 25.



Warning:

Tank valves are designed for use with compressed air tanks. Valve must be securely threaded into tank wall or vessel. Read air tank manufacturer's cautions regarding maximum air pressure. Do not overfill the tank. Failure to follow these instructions & specifications exactly may result in personal injury and/or property damage.

Dill P/N	Finish	No-Lead Dill P/N	A	B	C	Thread (D)	Thread (E)	Torque
02500	Nickel Plated	55500*	1.31"	0.38"	0.75"	1/8-27 NPT	0.305-32	7 in. lbs.
02516	Brass	55516*	1.31"	0.56"	0.56"	1/4-18 NPT-F	0.305-32	16 in. lbs.
02526	Nickel Plated	-	0.88"	0.34"	0.41"	1/16-27 NPT	0.305-32	5 in. lbs.
02529	Brass	55529*	1.00"	0.44"	0.44"	1/4-18 NPT	0.305-32	16 in. lbs.
02550	Brass	-	1.06"	0.38"	0.50"	1/8-27 NPT-F	0.4375-20 UNF-2A	7 in. lbs.
SK-20420	Nickel Plated	55420*	0.91"	0.38"	0.39"	1/8-27 NPT	0.305-32	7 in. lbs.
SK-20422	Stainless Steel	-	0.91"	0.38"	0.39"	1/8-27 NPT	0.305-32	7 in. lbs.
20424	Stainless Steel	-	0.91"	0.295	0.39	5/16-24 UNF-2A	0.305-32	35-55 in. lbs.
SK-2924	Brass	-	2.04"	0.41	1.36	1/8-27 NPT	0.305-32	7 in. lbs.

*All are brass & include low lead core

Recommended Tank Valve Caps



No-Lead Valve Cores



Dill P/N	Opening Pressure	Max. Working Pressure	Temp. Range	Cup Seal Mat'l	Comments
100-GSL	0-8 psig	300 psi	-40°F to 225°F	Nitrile	200 psi maximum flow pressure
100-NSL	0 psig	300 psi	-40°F to 225°F	Nitrile	This valve core does not contain a spring
100-MKL	80 psig	800 psi	-40°F to 250°F	Neoprene	R12, R22, R134a, R407a, R410a, 1234YF; Control Stop Feature
100-VBL	30 psig	400 psi	-20°F to 250°F	Viton	0.145" pin travel

★ Contact Dill with your tank valve project needs: CustServ@DillAirControls.com



All Aircraft Valve Stems are Made in the USA

Dill P/N	TR #	Thread (in)	A	B	C	Material
VS-770	716-05	.406-28	1.16"	1.31"	45°	Brass
VS-738	714-03	.406-28	1.44"	-	-	Brass
VS-743	760-03	.3125-24	0.56"	-	-	Brass
VS-747	718-03	.750-16	1.50"	-	-	Brass
VS-755	725-03	.3125-24	0.88"	-	-	Stainless Steel
VS-762	733-03	.482-26	1.00"	4.75"	90°	Brass
VS-786	747-03	.305-32	0.85"	1.4"	80°	Brass
VS-793	762-03	.3125-24	1.06"	-	-	Stainless Steel
VS-793L	762-03L	.3125-24	1.06	-	-	Stainless Steel
VS-802	752-03	.3125-24	0.88"	-	-	Stainless Steel
VS-803	753-03	.3125-24	1.56"	-	-	Stainless Steel
VS-817	756-03	.500-20	1.20"	-	-	Stainless Steel
VS-822	J780-03	.500-20	1.00"	-	-	Stainless Steel
VS-827	761-03	.500-20	2.20"	-	-	Stainless Steel
VS-828	765-03	.375-24	0.88"	-	-	Stainless Steel
VS-832	J781-03	.500-20	2.37"	-	-	Stainless Steel
VS-958	-	.500-20	2.69"	-	-	Stainless Steel

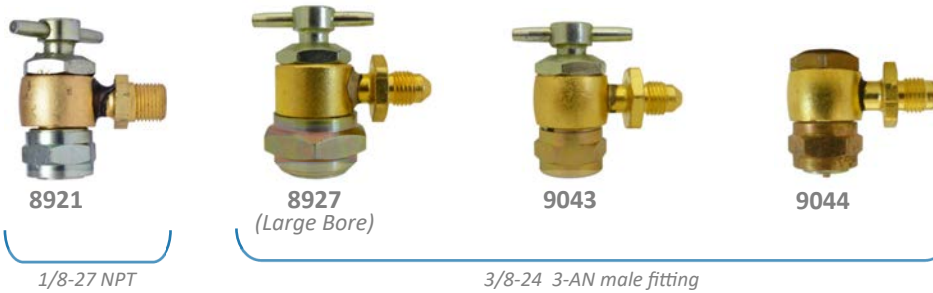


More valve stems are available upon request.

All Aircraft Replacement Components are Made in the USA

Dill P/N	Type	Description
402-AH	Valve Core	TR C4 (MS-51377-4); 80 psig opening pressure; Silicone cup seal
70-HT	Valve Core	TR C2 Large Bore; 25 psig opening pressure; Silicone cup seal
302-DN	Valve Core	Recommended for strut valves; 80 psig opening pressure; Nitrile cup seal
637	Valve Cap	TR VC5 (MS-20813-1); Yellow painted Brass designed for wrench tightening 0-5000 psi (0-34.4 MPa) & -65°F to 160°F (-54°C to 71°C) range
2114	Valve Cap	TR VC9/C10; Large Bore tin plated Brass; Designed for 0-250 psi (0-1700 kPa) & -40°F to 250°F (-40°C to 121°C) range
9019-C	HP Strut Valve	MS-28889-2; 5000 psi (34 MPa) maximum operating pressure
8990-C	HP Strut Valve	AN-6287-1; 3000 psi (20.6 MPa) maximum operating pressure
SK-15171	HP Strut Valve	AN-812-1; 1500 psi (10 MPa) maximum operating pressure
SK-2043C	HP Coupling	5000 psi (34 MPa) maximum operating pressure
8860-A	Hose Assembly	18in hose & chuck assembly; Fits 8885 Gauge
8860-R	Hose Assembly	18in hose & chuck assembly; Fits 8844 Gauge
8874-9	Washer	Copper washer fits 8874, 8875, 8876, 8921, 9043, & 9044
8927-9	Washer	Copper washer fits 8927 (Large Bore)
8874-12	Adapter	Gauge adapter fits 8874, 8875, & 8876
8874-25	Bleeder Valve	Bleeder valve fits 8874, 8875, & 8876
02500/DN-637	Tank valve	Used on 8874, 8875, & 8876
8874-22	Hose Assembly	Fits 8874, 8875, & 8876
8921	Lock Chuck	Standard Bore; T-Handle with .307-32 thread & 1/8 NPT side hose connector; 3000 psi (20.6 MPa) maximum operating pressure
8927	Lock Chuck	Large Bore; T-Handle with .485-26 thread & .375-24 side hose connector; 3000 psi (20.6 MPa) maximum operating pressure
9043	Lock Chuck	Standard Bore; T-Handle with .307-32 thread & .375-24 side hose connector; 3000 psi (20.6 MPa) maximum operating pressure
9044	Lock Chuck	Standard Bore; .307-32 thread & .375-24 side hose connector; 3000 psi (20.6 MPa) maximum operating pressure
7125-1	Chuck Head	Fits 8860-C; straight & 30° reverse; open
SK-2043-5	Washer	For SK-2043C & SK-2043S; Vulcanized fiber





High Pressure Strut Valves

Bodies are made from Corrosion-Resistant Stainless Steel

Required in:

- High Pressure Struts
- Hydraulic Pressure Accumulators
- Surge Cylinders
- High Pressure Pneumatic Systems



8860-C

- Checks accuracy of air gauges
- Dual foot chuck & retaining valve to hold pressure reading
- Accurate within $\pm 2\%$ of total dial reading



Each comes with hard storage case & accuracy certificate from our ISO-certified USA manufacturing plant.

Dill P/N	Range	Increments	Hose/Chuck	Application	Replacement Gauge P/N
8810-H	0-100 psi (0-700 kPa)	1 psi (10kPa)	7" hose w/ swivel chuck	Tractor Air/Liquid	8810-D
8810-J	0-160 psi (0-1100 kPa)	2 psi (10kPa)	14" hose w/ straight chuck	Large Bore	8860-B
8860-C	0-160 psi (0-1100 kPa)	2 psi (10kPa)	7" tube w/ straight & 30° reverse chuck	Master Gauge	8860-B
8939	0-160 psi (0-1100 kPa)	2 psi (10kPa)	7" hose w/ swivel chuck	Motorsports	8860-B
8885	0-200 psi (0-1400 kPa)	2 psi (10kPa)	7" hose w/ 6in extension & straight & 30° reverse chuck	Commercial Aircraft	8885L-1
8844	0-400 psi (0-2800 kPa)	5 psi (50kPa)	7" hose w/ 6in extension & straight & 30° reverse chuck	Aircraft	8844-1
8844-B	0-400 psi (0-2800 kPa)	5 psi (50kPa)	7" hose w/ 6in extension & straight & 30° reverse chuck	Aircraft	8844-1
8874	0-400 psi	5 psi	18" hose with 9043 chuck	Aircraft (High pressure)	8874-28
8875	0-1,500 psi	25 psi	18" hose with 9043 chuck	Aircraft (High pressure)	8875-28
8876	0-3,000 psi	30 psi	18" hose with 9043 chuck	Aircraft (High pressure)	8876-28



8810-H



8810-J
(Large Bore)



8939



8885



8844



8844-B

Valve extensions included



8874

Valve extensions included

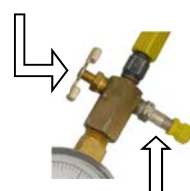


8875



8876

8874-25



02500/DN-637

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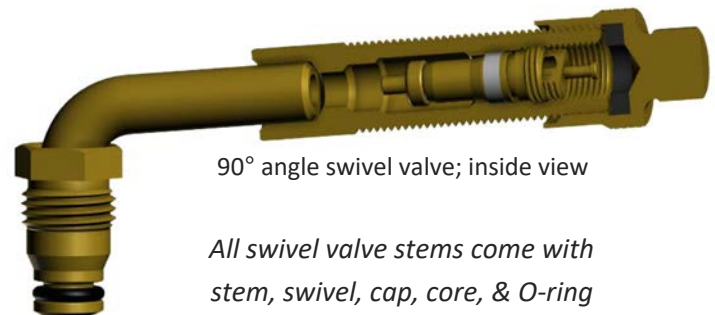
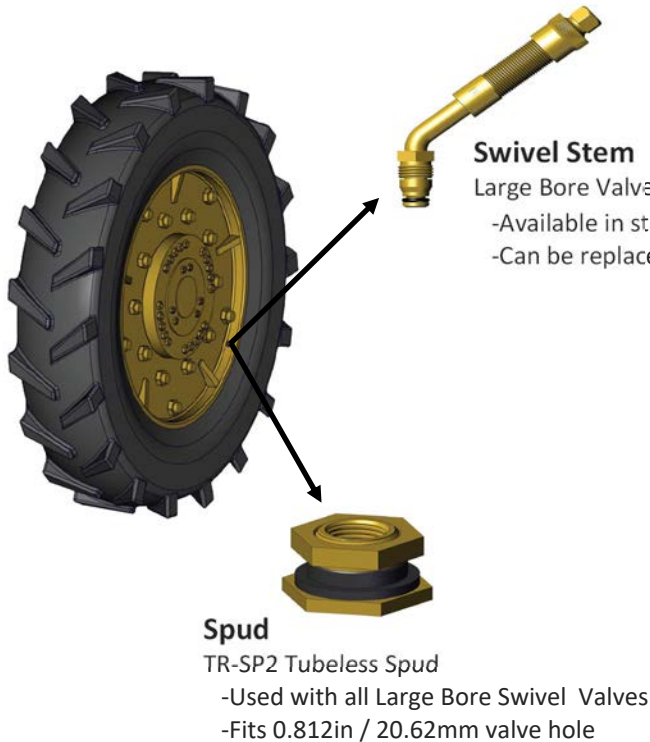
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Large Bore System Components



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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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

- Primarily used on tire sizes up to 49"
- Cap & core included
- Valves over 4.5" include a rubber protection sleeve
- Valves over 6" include 2 lock nuts
- 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

				A		B		C
Dill P/N	TR #	Exactra #	Haltec #	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°

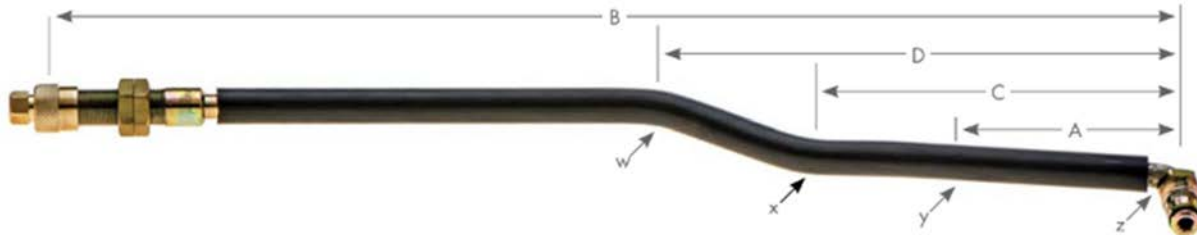
Dill P/N	Exactra #	Haltec #	IN	MM	IN	MM	DEG
J-4000-3.5	-	-	1.08"	27.43	3.50"		90°
J-4000-14	-	-	1.08"	27.43	14.00"	355.60	90°
J-4000-25.5	-	-	1.08"	27.43	25.50"	647.70	90°
J-4000-26	-	-	1.08"	27.43	26.00"	660.40	90°
J-4000-4.5-80	EX-3101/1	WH-300-4 1/2	1.08"	27.43	4.50"	114.3	80°
J-4000-9-80	EX-3110/1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

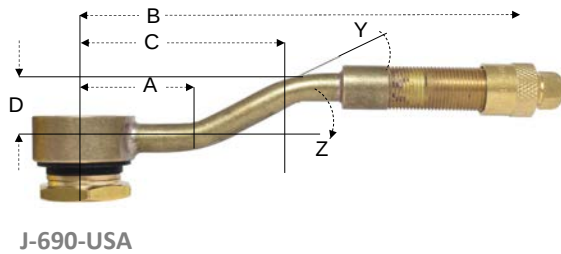
Dill P/N	TR #	Exactra #	Haltec #	A	B	C	X°	Z°
J-661-USA	J661-02	EXJ-661	WH-70-J-661	-	4.50"	1.88"	8°	82°
J-664-USA	J664-02	EXJ-664	WH-70-J-664	-	8.75"	4.00"	13°	90°
J-667-USA	J667-02	EXJ-667	WH-70-J-667	-	7.50"	3.00"	11°	90°

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

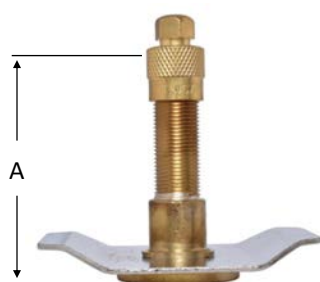


TR-690 Series Turret Style Valves

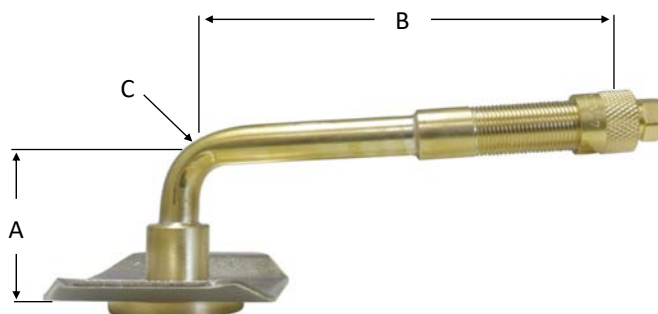
				A		B		C		D		Y	Z
Dill P/N	TR #	Exactra #	Haltec #	IN	MM	IN	MM	IN	MM	IN	MM	DEG	DEG
J-690-USA	J690	EXJ-690	WH-330-J-690	1.25"	31.75	4.96"	125.98	2.31"	58.67	0.56"	14.22	28°	28°
J-690B-USA	-	EXJ-690B	-	0.75"	19.05	3.75"	95.25	1.75"	44.45	0.56"	14.22	28°	28°
J-691-USA	J691	EXJ-691	WH-330-J-691	0.62"	16.75	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
- Contact Dill with application questions



Caterpillar Original Equipment Components						Overall Length	
Dill P/N	CAT #	Exactra #	Haltec #	Description	Bends	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



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*

<i>Large Bore Hand Bendable Extensions</i>				
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





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



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



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; USA Made
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





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 Made in USA!	1-160 psi
8500-D	GCS-D	Gauge Check Station with standard bore & large bore access Digital Gauge Made in USA!	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

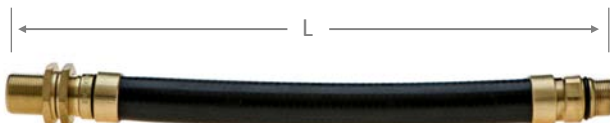
- Steel Braided Heavy Duty Flexible Extension used for SLB valve series assemblies
- Steel braided hose features better resistance to heat, friction, and kinking
- Heavy Duty extensions can be reused
- Specify effective length required when ordering
- Installation Torque: 25-40 in-lbs.



L965-length

L965-length

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



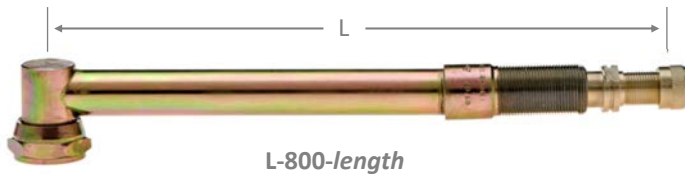
L965-HD-length

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



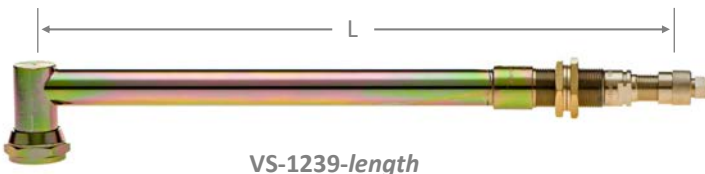
L-800-length

- 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.



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



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

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



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
+
SPG-34

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-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
+
SPG-1516

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

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 Large 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 Large Bore Swivel Angle Connectors

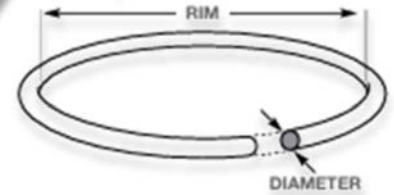
Dill P/N	Exactra #	Angle
ADG-70C	SGB-170	70°
ADG-75C	SGB-175	75°
ADG-85C	SGB-185	85°
ADG-90C	SGB-190	90°

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

EXACTRA: - HALTEC: -

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

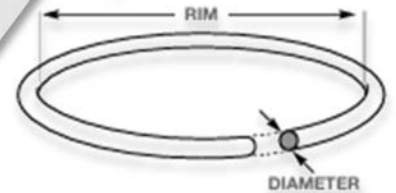




- Constructed of an engineered thermos-polymer material
 - Optimal hot and cold temperature resistance
-65°F to 275°F (-53°C to 135°C)
 - Used in multi-piece OTR wheel applications
 - Made in USA

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

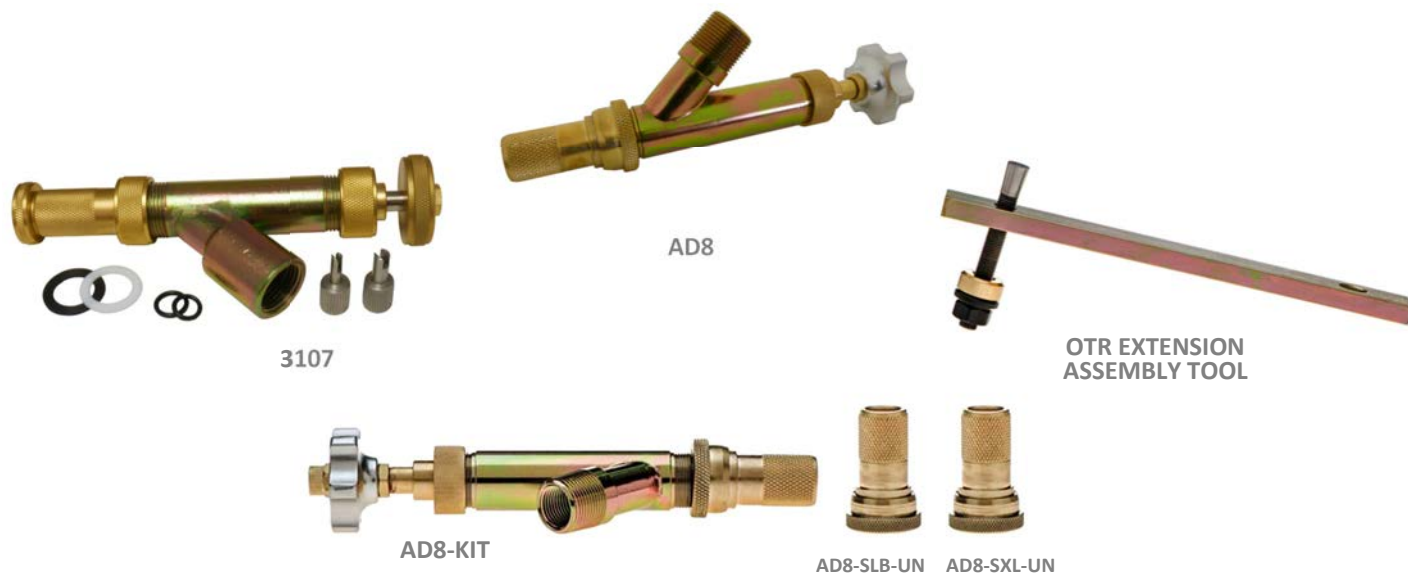
Dill P/N	Exactra #	Haltec #	CAT OE #	Rim Size	Diameter	Pack Quantity
OR-335-T	OR-335T	OR-335-T	-	35"	0.385"	24
OR-339-T	OR-339T	OR-339-T	-	39"	0.385"	24
OR-343-T	OR-343T	OR-343-T	-	43"	0.385"	24
OR-345-T	OR-345T	OR-345-T	OR-345-T	45"	0.385"	24
OR-349-T	OR-349T	OR-349-T	4D-7165	49"	0.385"	24
OR-351-T	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
 - Air leakage attributed to rim deformation



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					
Dill P/N	TR #	Exactra #	Haltec #	CAT OE #	
3107	-	EX-700	310	-	Liquid Fill Tool Extracts air-water core housing, or a Standard or Large bore core only, to allow faster inflation. Female 1/2" NPT.
AD8	AD8	EX-900S-L	IN-80A	135-8290	Inflator Adapter for Super Large Bore Valves Faster & 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.
AD8-SXL	-	SXL-900S-L	Z12-B	-	Inflator Adapter for Super Extra Large Bore Valves Faster & 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.
AD8-SGB	-	SGB-900S-L	-	-	Inflator Adapter for Super Giant Bore Valves Faster & 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.
AD8-KIT	-	EX-95-ADK	IN-95	-	Inflator Adapter for SLB, SXLB, and SGB Faster & 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.
AD8-SLB-UN	-	EX-901-LH	-	-	SLB Inflator Adapter for AD-8
AD8-SXL-UN	-	SXL-901-LH	-	-	SXL Inflator Adapter for AD-8
AD8-SGB-UN	-	SGB-901-LH	-	-	SGB Inflator Adapter for AD-8
5271	-	EX-990	T-620	-	Super Large Bore Assembly Tool Tool to assemble flexible extension in field operation
5272	-	EX-1290	Z5	-	Super Extra Large Bore Assembly Tool Tool to assemble flexible extension in field operation
5273	-	SGB-950	-	-	Super Giant Bore Assembly Tool Tool to assemble flexible extension in field operation



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



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

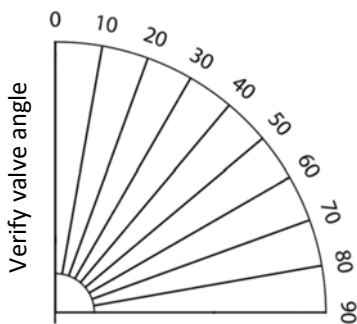
Haltec: I-496-20

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

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



1/4in

1/2in

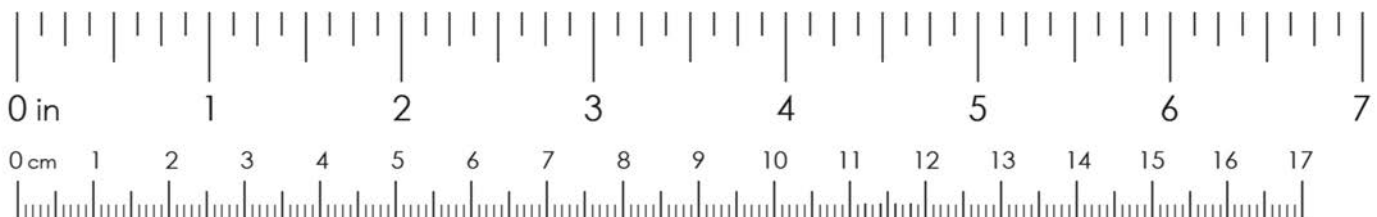
3/8in

0.625in

9.7mm

0.453in

0.812in



Dill #	TR #	Exactra #	Haltec #	Page #		Dill #	TR #	Exactra #	Haltec	Page #
102	-	-	CO-201	35, 37		1033	-	-	HE-371	26
103	-	-	-	35, 37		1034	-	EX-1504	HE-372	26
109	-	-	-	36, 37		1035	-	EX-1502L	HE-373	26
110	-	-	NI-202	36, 37		1037	-	-	HE-391	26
111	-	-	-	36, 37		1038	-	-	HE-392	26
117	-	-	CO-204	35, 37		1039	-	EX-1506L	HE-393	26
122	-	-	-	36, 37		1042	-	-	-	5
123	-	-	-	35, 37		1043	-	-	-	5
125	-	-	NI-704	36, 37		1044	-	-	-	5
126	-	-	-	36, 37		1045	-	-	-	5
130	-	-	-	35, 37		1051	-	-	-	5
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