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The Universal Group, LLC!

 **TRAAX ROD**[™]



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Universal Group[®]



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POWER10[®]
PARTS

Customer Driven, Quality Directed

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The TRAAX ROD™ Performance - Up to ***five times** the performance life of conventional double shot bushings and similar performance of ball and socket torque rods, with better energy absorption, delivering superior bushing retention and longer component life for heavy-and severe-duty applications.

Heavy-duty - Recommended for 40,000 lb. to 52,000 lb. capacity suspensions in most vocational applications.

Severe-duty - Recommended for 60,000 lb. to 70,000 lb. capacity suspensions. Also available for 40,000 lb. to 52,000 lb. capacity suspensions for even longer service intervals.

5x
5x
PERFORMANCE LIFE



TRAAX ROD™ BODY

- **Fabricated rod body** works in conjunction with our proprietary bushings to meet a large footprint for heavy loads and energy absorption from high articulation and side load events.
- **Offers easy and inexpensive flexibility** to create a variety of torque rod lengths. Length variety significantly reduces the need for shims which can compromise the connection integrity if not secured properly or used with correct shims.
- **One-piece design** supports uptime by removing and replacing with the original one-piece length for an accurate fit the first time.

* Based on internal testing of bushing walkout, retention and durability. Actual product performance may vary depending on component and vehicle configuration, operation, service and other factors.



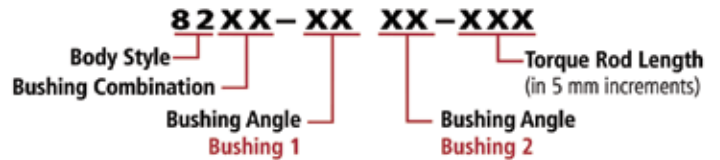
TRAAX ROD™ BUSHINGS

- **Curled outer metal casing** places rubber in pre-compression mode to “harness” the energy and perform at the highest peak, providing best-in-class durability and performance.
- **Proprietary rubber material** helps reduce cost of ownership by absorbing horizontal, vertical and torsional forces for long component life.
- **High strength bond** of rubber to inner metal eliminates friction between the inner metal and rubber, minimizing bushing wear and increasing component life cycle.
- **Hardened steel bar pins and taper pins** deliver increased resistance against wear and abrasion to extend the service intervals of the component.

TRAAX ROD™ Torque Rods Smart Numbering System

The **TRAAX ROD™** family uses the **Smart Numbering System**, in which each digit signifies the body style, bushing combination, bushing hole diameter, bushing clocking angle and the torque rod length.

TRAAX ROD™ Smart Numbering System



(-)° (+)° Bushing Angle

82XX-XXXX-XXX

82XX-XXXX-XXX

		BUSHING COMBINATION							
		BUSHING 1				BUSHING 2			
		STRADDLE		TAPER		STRADDLE		TAPER	
		Hole Diameter	Mounting Center	Length	Thread	Hole Diameter	Mounting Center	Length	Thread
HEAVY-DUTY	40	5/8"	4 3/8"			5/8"	4 3/8"		
	41	3/4"	4 3/8"			3/4"	4 3/8"		
	42	7/8"	5 1/4"			7/8"	5 1/4"		
	44	5/8"	4 3/8"					3"	1 1/4"
	45	3/4"	4 3/8"					3"	1 1/4"
	46	7/8"	5 1/4"					3"	1 1/4"

Recommended for 40K to 52K pound capacity suspensions in most vocational applications.

SEVERE-DUTY	30	5/8"	4 3/8"			5/8"	4 3/8"		
	31	3/4"	4 3/8"			3/4"	4 3/8"		
	32	7/8"	5 1/4"			7/8"	5 1/4"		
	33	5/8"	4 3/8"					3"	1 1/4"
	34	3/4"	4 3/8"					3"	1 1/4"
	35	7/8"	5 1/4"					3"	1 1/4"
	36			3"	1 1/4"			3"	1 1/4"

Recommended for 60K to 70K pound capacity suspensions or 40K to 52K pound capacity suspensions for even longer service intervals.

BUSHING ANGLE¹

Code	Degree
00	0° ²
01	5°
02	10°
03	15°
04	20°
05	25°
06	30°
07	35°
08	40°
09	45°
51	-5°
52	-10°
53	-15°
54	-20°
55	-25°
56	-30°
57	-35°
58	-40°
59	-45°
98	Taper Up ³
99	Taper Down

82XX-XXXX-XXX

TORQUE ROD LENGTH
In five (5) millimeter increments



- Contact Hendrickson for additional bushing angles.
- Standard angle is 0° degrees.
- Taper up bushing angle available only for 8236 series.

TRAAX™ ROD BODY STYLE

TRAAX ROD BODY STYLE

Hendrickson Genuine Parts are the same quality components installed in Hendrickson original equipment suspensions — consisting of the same design, construction, performance and durability. There's only one way to maintain and protect your suspension's original performance. Ask for the name that is synonymous with the finest manufactured suspensions in the world.

Hendrickson TRAAX ROD™ Torque Rods



TRAAX ROD™ Performance - Up to *five times the performance life of conventional double shot bushings and similar performance of ball and socket torque rods, with better energy absorption, delivering superior bushing retention and longer component life for heavy-and severe-duty applications.

Part Number	Description	Length	Hole Size	Bushing Angle	Similar To	Hendrickson Cross Reference
H-8240-0000-510	HENDRICKSON TRAAX ROD S.S.20.08"	20.08	5/8	0/0	STR-1006	062000-510, 067428-510, 072000-510, 092000-510
H-8240-0000-535	HENDRICKSON TRAAX ROD S.S.21.06	21.06	5/8	0/0	STR-1017	062000-535, 067428-535, 072000-535, 092000-535
H-8240-0000-545	HENDRICKSON TRAAX ROD S.S.21.46"	21.46	5/8	0/0	STR-1007	072000-545S, 062000-545, 067428-545
H-8240-0000-560	HENDRICKSON TRAAX ROD PRIMAAX EX/ Kenworth / Peterbilt Refuse / Other S.S.22.05"	22.05	5/8	0/0	STR-1008	062000-560, 067428-560, 072000-560, 092000-560
H-8240-0000-565	HENDRICKSON TRAAX ROD PRIMAAX EX / Kenworth / Peterbilt Refuse S.S.22.24"	22.24	5/8	0/0		062000-565, 067428-565, 072000-565, 092000-565
H-8240-0000-570	HENDRICKSON TRAAX ROD S.S.22.44"	22.44	5/8	0/0	STR-1009	062000-570, 067428-570, 072000-570, 092000-570
H-8240-0000-575	HENDRICKSON TRAAX ROD PRIMAAX EX / Autocar / Other S.S.22.64"	22.64	5/8	0/0		062000-575, 067428-575, 072000-575, 092000-575
H-8240-0000-580	HENDRICKSON TRAAX ROD Peterbilt AirTrac, Air Leaf S.S.22.83"	22.83	5/8	0/0	STR-1003	062000-580, 067428-580, 072000-580, 092000-580
H-8240-0000-595	HENDRICKSON TRAAX ROD PRIMAAX EX / Hino S.S.23.43"	23.43	5/8	0/0		062000-595, 067428-595, 072000-595, 092000-595
H-8240-0000-620	HENDRICKSON TRAAX ROD PRIMAAX EX/FIREMAAX EX / Fire and Rescue / Other S.S.24.41"	24.41	5/8	0/0	STR-1010	062000-620, 067428-620, 072000-620, 092000-620
H-8240-0000-640	HENDRICKSON TRAAX ROD PRIMAAX EX / Navistar S.S.25.20"	25.2	5/8	0/0		062000-640, 067428-640, 072000-640, 092000-640
H-8240-0000-645	HENDRICKSON TRAAX ROD PRIMAAX EX / Navistar / Caterpillar S.S.25.39"	25.39	5/8	0/0	STR-1002	062000-645, 067428-645, 072000-645, 092000-645

Hendrickson TRAAX ROD™ Torque Rods

5x
PERFORMANCE LIFE



Heavy-duty 40,000 lb. to 52,000 lb.

Severe-duty 60,000 lb. to 70,000 lb.

Part Number	Description	Length	Hole Size	Bushing Angle	Similar To	Hendrickson Cross Reference
H-8240-0000-650	HENDRICKSON TRAAX ROD Peterbilt Low Air Leaf / Flex Air S.S.25.59"	25.59	5/8	0/0	STR-1001/STR-1005	062000-650, 067428-650, 072000-650, 092000-650
H-8240-0007-605	HENDRICKSON TRAAX ROD S.S.23.82"	23.82	5/8	0/35	STR-1000	
H-8240-0007-615	HENDRICKSON TRAAX ROD S.S.24.21"	24.21	5/8	0/35	STR-1019	
H-8244-0099-465	HENDRICKSON TRAAX ROD S.T.18.11"	18.11	5/8	0/Taper	STR-1012	062350-465, 072350-465, 092350-465
H-8244-0099-585	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Peterbilt / Other S.T.23.03"	23.03	5/8	0/Taper		062350-590, 072350-585, 092350-585
H-8244-0099-610	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Kenworth S.T.24.02"	24.02	5/8	0/Taper		062350-615, 07235-610, 092350-610
H-8244-0099-615	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Kenworth S.T.24.21"	24.21	5/8	0/Taper		062350-620, 07235-615, 092350-615
H-8244-0099-620	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Fire and Rescue S.T.24.41"	24.41	5/8	0/Taper		062350-625, 07235-620, 09235-620
H-8244-0099-625	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Freightliner S.T.24.60"	24.6	5/8	0/Taper		062350-630, 07235-625, 09235-625
H-8244-0099-635	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Mack / Waste Management S.T.25.00"	25	5/8	0/Taper		062350-640, 07235-635, 09235-635
H-8244-0099-645	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Navistar S.T.25.39"	25.39	5/8	0/Taper		062350-650, 07235-645, 09235-645
H-8244-0099-660	HENDRICKSON TRAAX ROD HAULMAAX / Walking Beam / Autocar S.T.25.98"	25.98	5/8	0/Taper		072350-660, 092350-660



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