

# COMMERCIAL VEHICLE WHEEL END ACCESSORIES

Engineered to Increase the Reliability and Efficiency of Your Operation



**TIMKEN**

# HUB CAPS

- Durable and cost-effective
- OEM approved with a precise fit and long, low maintenance service life

## DIE-CAST ALUMINUM

- Oil bath types may include a side fill plug
- Machine-applied window for a secure seal and easy oil level checks
- Vented fill plugs maintain low internal pressure caused by normal heat build up
- Hubodometer versions available for most applications

## STAMPED STEEL

- Oil bath and grease types available
- Powder-coat painted finish (available with duplex nickel-plated and chrome-plated finish)
- Machine-applied window remains clear and shatter proof
- All units are corrosion-resistant

## P-AXLE

- Threaded units available in die-cast aluminum or full plastic (oil bath and grease types), or a hubodometer version
- Standard or chrome finish, with or without side fill or vented plug

## PSI

- Replacement hub caps for PSI-equipped wheel ends



HUBCAPS					
TIMKEN P/N	TRISEAL	STEMCO	SKF	NATIONAL	DUAL DYNAMICS
<b>FOR OIL</b>					
80009	80009	340-4009		340-009	
80075	80075	340-4975	1282	340-975	
81002	81002	343-4002	1627		
81009	81009	343-4009	1643	343-009	203-P
81024	81024	343-4024	1612	343-024	302-P
81909	81909	343-4009	1643	343-009	203-P
81195	81195	343-4195	1696	343-009	257-P
<b>FOR GREASE</b>					
82009	82009	342-4009	1343	342-009	202-G
<b>FOR HUBODOMETER</b>					
83009	83009	347-4009	1600	347-009	253-H
83013	83013	347-4013		347-013	281-H
83075	83075	347-4075			277-H
<b>STAMPED STEEL</b>					
87009	87009	340-5096	1753	HU-009-A	Grease
87024	87024	340-0044	1711	HU-024-A	Grease
88009	88009	340-5097			Grease
86009	86009		1743	HW-009-A	Oil
<b>HUBCAP ACCESSORIES</b>					
TIMKEN P/N	TRISEAL	STEMCO	SKF	NATIONAL	DESCRIPTION
61009R	61009	330-3009	450751	GKT009	6 Hole Gasket 5.5" BC
61067R	61067	330-3067	450788	733067	Universal Gasket 5.5" BC
61067B	61067B	330-3067	450788	733067	Universal 5.5" Bulk Pack
64999R	64999	359-5990	450434	B299	Red Universal Plug
64999B	64999B	359-5990	450434	B299BK	Red Plug, Bulk Pack
74009	74009	359-5995			3.5" Dia. Window Replacement
74009H	74009H	359-6117			3.5" Dia. Hubo Window

# HUBODOMETERS

- Helps simplify record keeping, reduce inventory and improve scheduling of regular maintenance and safety checks (follow OEM recommendations for mileage between service intervals)
- Extremely durable: UV protected polycarbonate material is hermetically sealed for a moisture-proof, tamper-proof, air-tight seal and the Zinc protected housing is corrosion-resistant
- Available in miles or kilometers (pre-set units available upon request)
- Available in a full range of ratios that meet the latest tire manufacturer’s specifications
- Accurately records revolutions in both directions (either side of the vehicle) – even on tough road conditions
- Individually serial numbered for easy tracking
- Easy installation – no wiring, power or complicated programming required; mounts with a standard ½”-20 mounting stud
- Supported by a full line of mounting brackets and hubcaps
- Operating temperature range: -40°F to 180°F (-40°C to 85°C); Product mass: 1.35 lbs. (600 grams)

## ELECTRIC

- One model fits any tire application
- Programmable in miles or kilometers with ability to preset mileage (programming tool and easy-to-follow instructions included)
- Secure lockout feature with ability to permanently disable changes to the unit’s set-up
- Separate trip and lifetime totals
- Eliminates expensive calibration machines, readers and complexity

## ANALOG

- Durable construction: die-cast zinc case, oil impregnated bronze bearings, hardened steel shaft
- Fully mechanical with Acetal resin gear, pinions and wheel
- Unique counter balance design eliminates orbiting and provides precision accuracy
- No calibration, tampering or batteries



DIGITAL HUBODOMETER			
TIMKEN P/N	TRISEAL	VEEDER-ROOT	STEMCO
47001	47000	RT1000-000	600-5499
ANALOG HUBODOMETERS (MILES)			
TIMKEN P/N	TRISEAL	VEEDER-ROOT	STEMCO
46450M	46450	777717-450	650-0581
46475M	46475	777717-475	650-0587
46490M	46490	777717-490	650-0598
46484M	46484	777717-484	650-0593
46520M	46520	777717-520	650-0610
ANALOG HUBODOMETERS (KILOS)			
TIMKEN P/N	TRISEAL	VEEDER-ROOT	STEMCO
46294K	46294	777727-294	650-0526
46308K	46308	777727-311	650-0537
46311K	46311	777727-311	650-0539
46316K	46316	777727-316	650-0541
46326K	46326	777727-326	650-0545

## AXILOK UNITIZED WHEEL BEARING NUT SYSTEM

- Reduces installation, maintenance and inventory carrying costs
- Fast and accurate method of securing and adjusting wheel end components (within the recommended setting range)
- Helps extend seal and bearing life and tire tread
- Eliminates three-piece adjusting nut systems (jamming style) and two piece systems that require locking keepers
- Easy installation with a six-point socket and torque wrench
- Available for trailer, drive and steer axles for standard or "D" flat slotted spindles

AXLE NUTS				
TIMKEN P/N	TRISEAL	STEMCO	AXILOK	DESCRIPTION
4123480	4123480	447-4723	AX 12-3480	3.480" – 12 TPI Trailer
4162625	4162625	447-4743	AX 16-2625	2.625" – 16 TPI Trailer
4181500	4181500	448-4837	AX 18-1500	1.5" – 18 TPI Steer
4121500	4121500	448-4836	AX 12-1500	1.5" – 12 TPI Steer
4123250	4123250	448-4973	AX 12-3250	3.25" – 12 TPI Drive
AXLE SOCKETS				
TIMKEN P/N	TRISEAL	DESCRIPTION		
494125	494125	3.480" – 12 TPI Trailer		
493250	493250	2.625" – 16 TPI Trailer		
492125	492125	1.5" – 18 TPI Steer		
492125	492125	1.5" – 12 TPI Steer		
494000	494000	3.25" – 12 TPI Drive		

## HOT DOTS

- Easy visual indicator – changes from white to black when wheel end temperature exceeds 250°F (121°C) – accurate to within +/-1°
- Simplifies pre-trip wheel end inspection and verification; helps reduce unexpected repairs
- Strong adhesion even in wet conditions -40°F to 300°F (-40°C to 148°C)

### HOT DOTS (10 Hot Dots per pack)

TIMKEN P/N	DESCRIPTION
43250	Hot Dots - 1 Pack
43250R	Hot Dots - 10 Pack
43250B	Hot Dots - 100 Pack



images not shown to scale

# TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.

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