

## 6-81KHD CONSTRUCTION FEATURES

### Load Capacity Up to 3500 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined
- Induction hardened raceway ensure longevity of the swivel
- Totally sealed swivel head with grease nipple
- 1/4 in. thick cylindrically formed legs robotically welded inside and outside to 65mm fork spacing
- 1/2 in. wheel axle
- 3-1/2 in. hub length
- Finish is zinc plated, ROHS compliant or black polymer color-coated

## RIG OPTIONS

- DL** 4-Way Directional Lock  
**TL/LE** Total Lock / Leading Edge  
**WFB** Wheel Face Brake

## Top Plate Options

### (Standard)

**Top Plate:** 4-1/2" x 6-1/4"

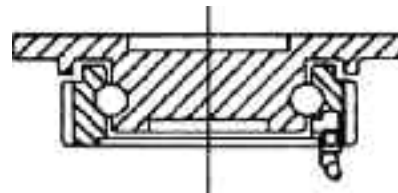
**Bolt Hole Centers:** 2-7/16" x 4-15/16"

slotted to 3-5/8" x 5-1/4"

**Attaching Bolt:** 1/2"



## SWIVEL CROSS SECTION



## Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:

**70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)**

**Tread Types: CR: Crown or FT: Flat Tread**

**Axles Sizes: 1/2", 3/4", 1" and 1-1/4"**

## 6-81KHD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in)	Swivel Radius (in)	Cap. (lb)
<b>FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-FS-P-0630-S	6-81KHD-FS-P-0630-R	6-81KHD-FS-P-0630-S-TL/LE	6	3	7-1/2	5-1/2	3500
6-81KHD-FS-P-0830-S	6-81KHD-FS-P-0830-R	6-81KHD-FS-P-0830-S-TL/LE	8	3	10-1/8	6-1/2	3500
6-81KHD-FS-P-1030-S	6-81KHD-FS-P-1030-R	6-81KHD-FS-P-1030-S-TL/LE	10	3	11-1/2	7-3/4	3500
6-81KHD-FS-P-1230-S	6-81KHD-FS-P-1230-R	6-81KHD-FS-P-1230-S-TL/LE	12	3	13-1/2	9-1/4	3500
<b>DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-DU-P-0630-S	6-81KHD-DU-P-0630-R	6-81KHD-DU-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	2500
6-81KHD-DU-P-0830-S	6-81KHD-DU-P-0830-R	6-81KHD-DU-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2500
6-81KHD-DU-P-1030-S	6-81KHD-DU-P-1030-R	6-81KHD-DU-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2500
6-81KHD-DU-P-1230-S	6-81KHD-DU-P-1230-R	6-81KHD-DU-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	2500
<b>NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)</b>							
6-81KHD-NY/MD-P-0630-S	6-81KHD-NY/MD-P-0630-R	6-81KHD-NY/MD-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	3500
6-81KHD-NY/MD-P-0830-S	6-81KHD-NY/MD-P-0830-R	6-81KHD-NY/MD-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	3500
6-81KHD-NY/MD-P-1030-S	6-81KHD-NY/MD-P-1030-R	6-81KHD-NY/MD-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	3500
6-81KHD-NY/MD-P-1230-S	6-81KHD-NY/MD-P-1230-R	6-81KHD-NY/MD-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	3500
<b>SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-SE-P-0630-S	6-81KHD-SE-P-0630-R	6-81KHD-SE-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	2500
6-81KHD-SE-P-0830-S	6-81KHD-SE-P-0830-R	6-81KHD-SE-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2500
6-81KHD-SE-P-1030-S	6-81KHD-SE-P-1030-R	6-81KHD-SE-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2500
6-81KHD-SE-P-1230-S	6-81KHD-SE-P-1230-R	6-81KHD-SE-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	2500
<b>HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-UR/HD/CA-P-0630-S	6-81KHD-UR/HD/CA-P-0630-R	6-81KHD-UR/HD/CA-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	2300
6-81KHD-UR/HD/CA-P-0830-S	6-81KHD-UR/HD/CA-P-0830-R	6-81KHD-UR/HD/CA-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2500
6-81KHD-UR/HD/CA-P-1030-S	6-81KHD-UR/HD/CA-P-1030-R	6-81KHD-UR/HD/CA-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2500
6-81KHD-UR/HD/CA-P-1230-S	6-81KHD-UR/HD/CA-P-1230-R	6-81KHD-UR/HD/CA-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	2500
<b>URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-UR/CA/DT-P-0630-S	6-81KHD-UR/CA/DT-P-0630-R	6-81KHD-UR/CA/DT-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	1875
6-81KHD-UR/CA/DT-P-0830-S	6-81KHD-UR/CA/DT-P-0830-R	6-81KHD-UR/CA/DT-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2400
6-81KHD-UR/CA/DT-P-1030-S	6-81KHD-UR/CA/DT-P-1030-R	6-81KHD-UR/CA/DT-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2500
6-81KHD-UR/CA/DT-P-1230-S	6-81KHD-UR/CA/DT-P-1230-R	6-81KHD-UR/CA/DT-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	2500
<b>POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-PY/CA-P-0630-S	6-81KHD-PY/CA-P-0630-R	6-81KHD-PY/CA-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	2100
6-81KHD-PY/CA-P-0830-S	6-81KHD-PY/CA-P-0830-R	6-81KHD-PY/CA-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2500
6-81KHD-PY/CA-P-1030-S	6-81KHD-PY/CA-P-1030-R	6-81KHD-PY/CA-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2500
6-81KHD-PY/CA-P-1230-S	6-81KHD-PY/CA-P-1230-R	6-81KHD-PY/CA-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	2500
<b>**SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS</b>							
6-81KHD-SWE/9/FT-P-0630-S	6-81KHD-SWE/9/FT-P-0630-R	6-81KHD-SWE/9/FT-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	1900
6-81KHD-SWE/9/FT-P-0830-S	6-81KHD-SWE/9/FT-P-0830-R	6-81KHD-SWE/9/FT-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2000
6-81KHD-SWE/9/FT-P-1030-S	6-81KHD-SWE/9/FT-P-1030-R	6-81KHD-SWE/9/FT-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2000
<b>ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS</b>							
6-81KHD-ER/CA-P-0630-S	6-81KHD-ER/CA-P-0630-R	6-81KHD-ER/CA-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	950
6-81KHD-ER/CA-P-0830-S	6-81KHD-ER/CA-P-0830-R	6-81KHD-ER/CA-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	1200
6-81KHD-ER/CA-P-1030-S	6-81KHD-ER/CA-P-1030-R	6-81KHD-ER/CA-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	1650
6-81KHD-ER/CA-P-1230-S	6-81KHD-ER/CA-P-1230-R	6-81KHD-ER/CA-P-1230-S-TL/LE	12	3	10-1/8	6-9/16	1850

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

\*Add Rig Options to the end of each part number (i.e 6-81KHD-FS-P-0630-S-WFB for Wheel Face Brake)

\*\*Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).