

# KH2800 PLUS™

*Perfection! Left Behind It.*





# KH2800 PLUS™

## Work It! Feel The Difference!!

### Features

#### Aid finger operation

**Spin Disk** on ratchet enables users to turn down fasteners more quickly than ratchet handle does. It is especially clear seen when nut is very loose, or the range of motion is limited.



**48 / 72 Teeth** are available with **7.5 / 5 Degree Action Arc**

High grade Chrome Molybdenum steel furnishes Ratchet Gear with extremely high torque and longer life-time. Besides, the teeth on ratchet facilitate operations in confined spaces.

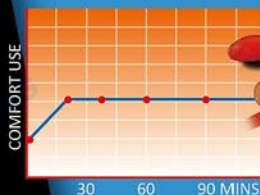
#### Quick Release

**ONE-Thumb-Push** release button enables users to QUICKLY replace sockets.



#### Ergonomic Design Handle

New ergonomic-designed handle soothes the tiredness of users' hands at work. With the comfort of operation, it optimizes power transmission.



**ERGONOMIC  
DESIGN HANDLE**

## Extreme Torque

### Gear Force Distribution

**KH2800 PLUS RATCHET**



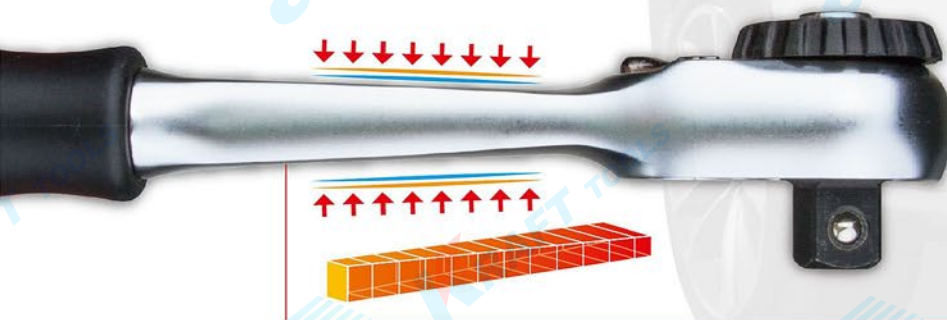
The **Complete Big Pawl** enables the extremely high torque of gear to **Evenly** distribute to the ratchet wall and **Smoothens** operation. Additionally, it extends 50% longer life-time in comparison to normal type pawl, based on the dynamic load test.

**Normal Type RATCHET**



**Normal Type of Riveted Pawl** with no heat-treatment pin in the middle is **Unable** to distribute gear force directly to the ratchet wall, and even worse, it would reduce torque and life-time.

## Unique Double Triangle Shank

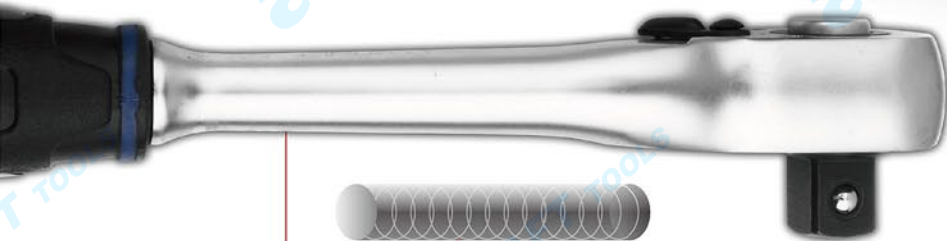


**KH2800 PLUS RATCHET**

**Double Triangle Shank Ratchet Body** is hot-forged and **Uniquely-Designed**, strengthening its entire structure and maximizing the torque.

**PAT.**

**Normal Type RATCHET**



Round shape ratchet body.



## Slim Head with Spin Disk

### KH2800 PLUS RATCHET

Spin Disk on ratchet head for finger spin-down/off.

Around 20% smaller than normal type.

Replaceable Star Shape Type Lever.

### Normal Type RATCHET

Round Type push button

Riveted Type Lever

## Maintenance And Repair Kits

### KH2800 PLUS RATCHET

All parts can easily be cleaned, lubricated, or replaced.

### KH2800 PLUS RATCHET

### Normal Type RATCHET

Ratchet gear  
72 teeth

Spin Disk

Metal Cover

Spring

Steel ball

Shift Lever

Pawl

C-ring

Using **C-ring** instead of screws to avoid screws off due to prolonged use.

Ratchet gear

Metal Cover

Screws

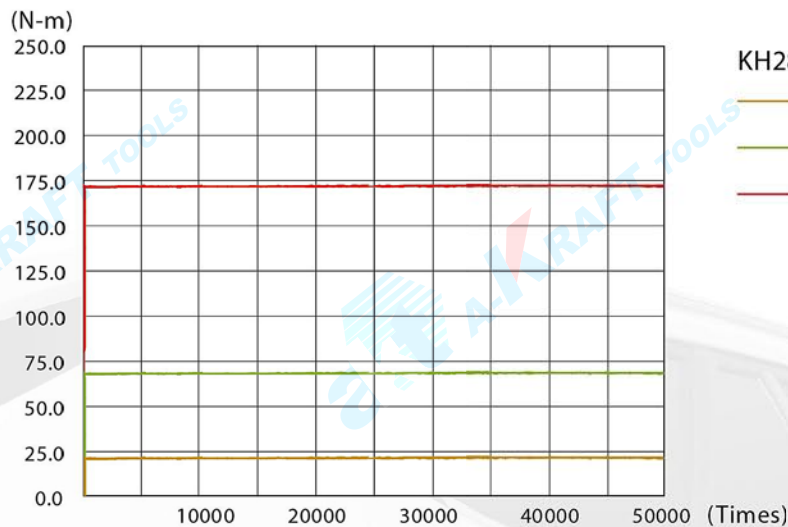
Riveted lever

Steel ball and spring

Unchangeable Pawl

## Life-Time Test KH2800 PLUS vs. DIN ISO

- » Tested Item : KH2800 PLUS
- » Speed : 0.3rpm
- » Life-Time : 50000 times
- » Test Style : Dynamic Load Test
- » Standard :  
DIN3120 / 3122,  
ISO 3315 :1996 (E)
- » Notice : Dynamic Load Test



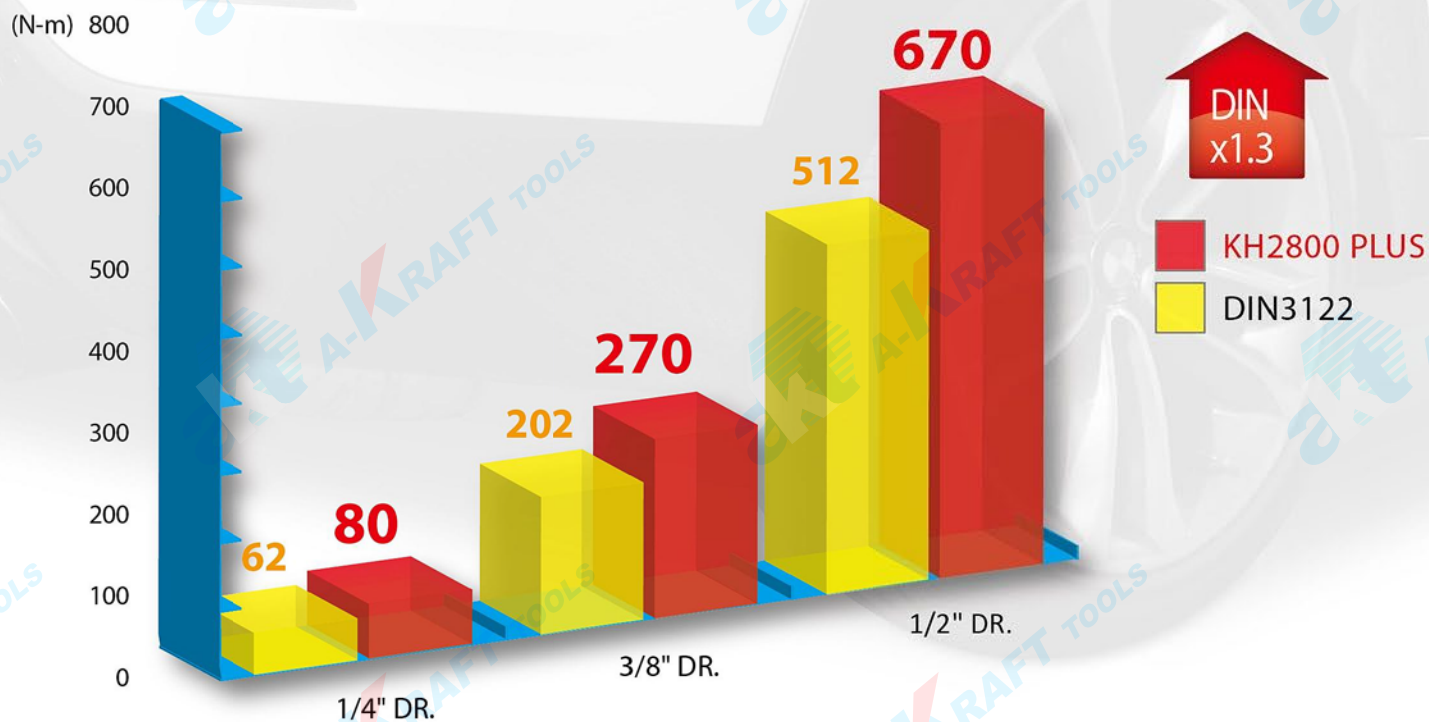
KH2800 PLUS

- 1/4" DR.
- 3/8" DR.
- 1/2" DR.

DR. (mm)	Conditions	DATA	ISO 3315:1996(E)	KH2800 PLUS	Performance	Times
1/4" (6.3)	Cycle test torque(N-m)		15	21	1.4	50000
3/8" (10)	Cycle test torque(N-m)		50	68	1.36	50000
1/2" (12.5)	Cycle test torque(N-m)		128	171	1.34	50000

## Torque Test KH2800 PLUS vs. DIN

**"No-Compromise"** control procedures guarantee the precision and consistency and provide extremely High Torque.



# One Stop, All Services

*You can trust A-Kraft, we Deliver!!*



**A-KRAFT TOOLS**

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