




Redefines Success!!

R2200[®]

Unique  shape, strong and lightweight.



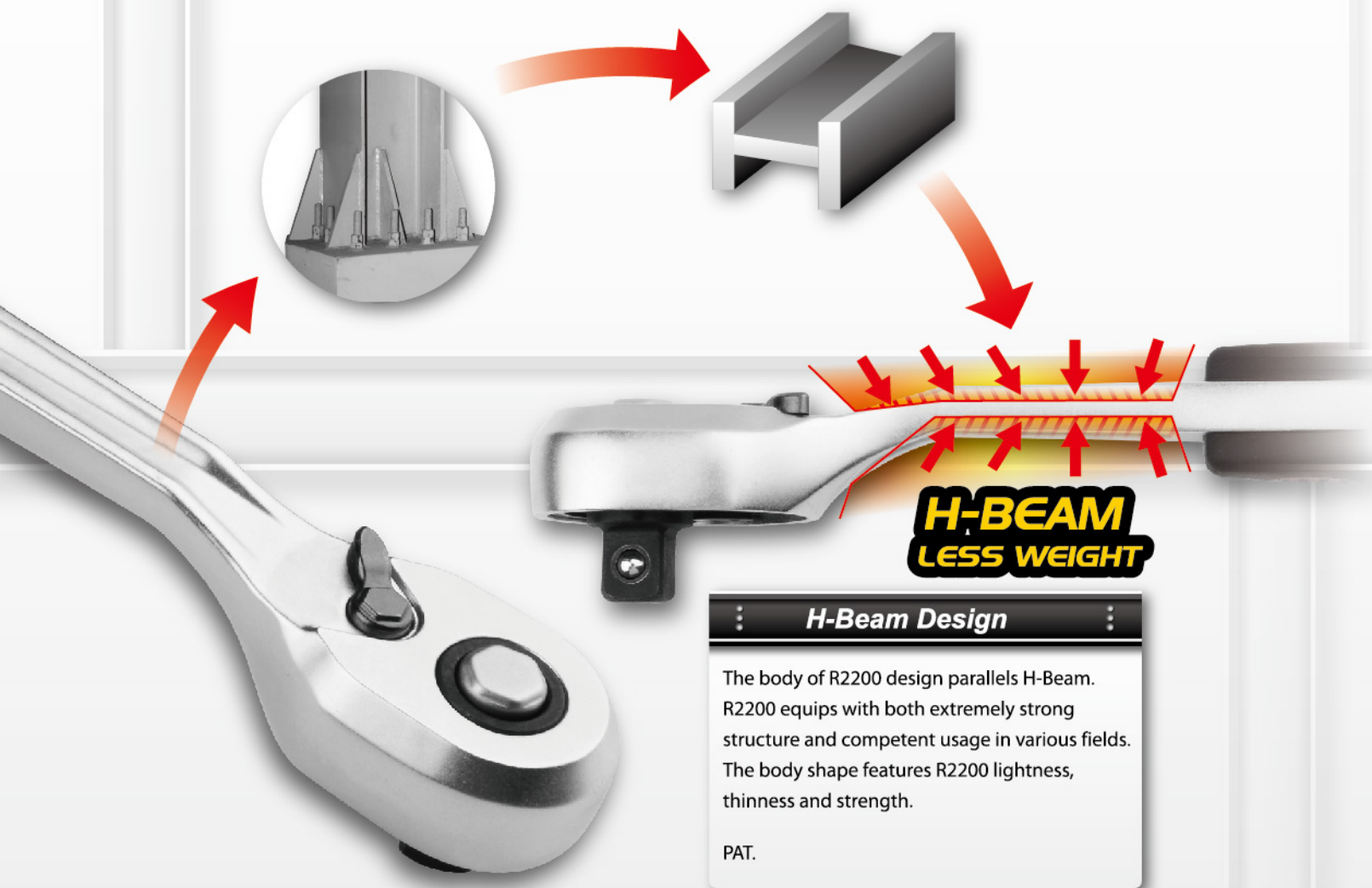
DIN
ISO
120



R2200[®]

Unique **H** shape, strong and lightweight.

Design Patents



H-Beam Design

The body of R2200 design parallels H-Beam. R2200 equips with both extremely strong structure and competent usage in various fields. The body shape features R2200 lightness, thinness and strength.

PAT.



Hexagon Shape Type Push Button And Lever

Hexagon Shape Type push button strengthens product identification in the markets.

PAT.

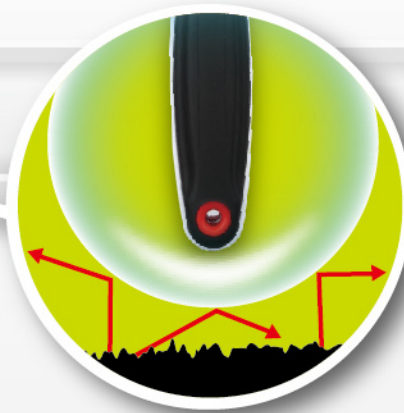
Obstacle Away



R2200

Impact Protection

One unit forged ratchet body surrounding the edge of impact steel material prevents the handle from being damaged due to the hitting on the rough working surface.



Normal rubber handle



Damage

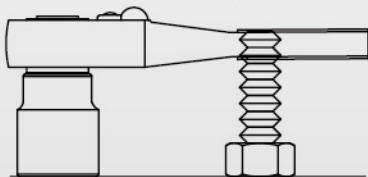
Great Accessibility

Offset 30° angle between head and handle gives additional access to confined spaces.

OFFSET 30°

R2200

Normal type



R2200[®]

Unique **HV** shape, strong and lightweight.

Features



72 Teeth With 5 Degree Action Arc

Ratchet Gear is made from high grade Chrome Molybdenum steel for getting extremely high torque to extend the life-time as well as the special design with fine teeth that offers ratchet to be worked in confined spaces.

Quick Release

Simply push the release button with one thumb. Users can replace sockets quickly and easily.



Reversible Lever Switch

Reversible lever switch is easy to alter the action direction.

Features



Ergonomic Design Handle

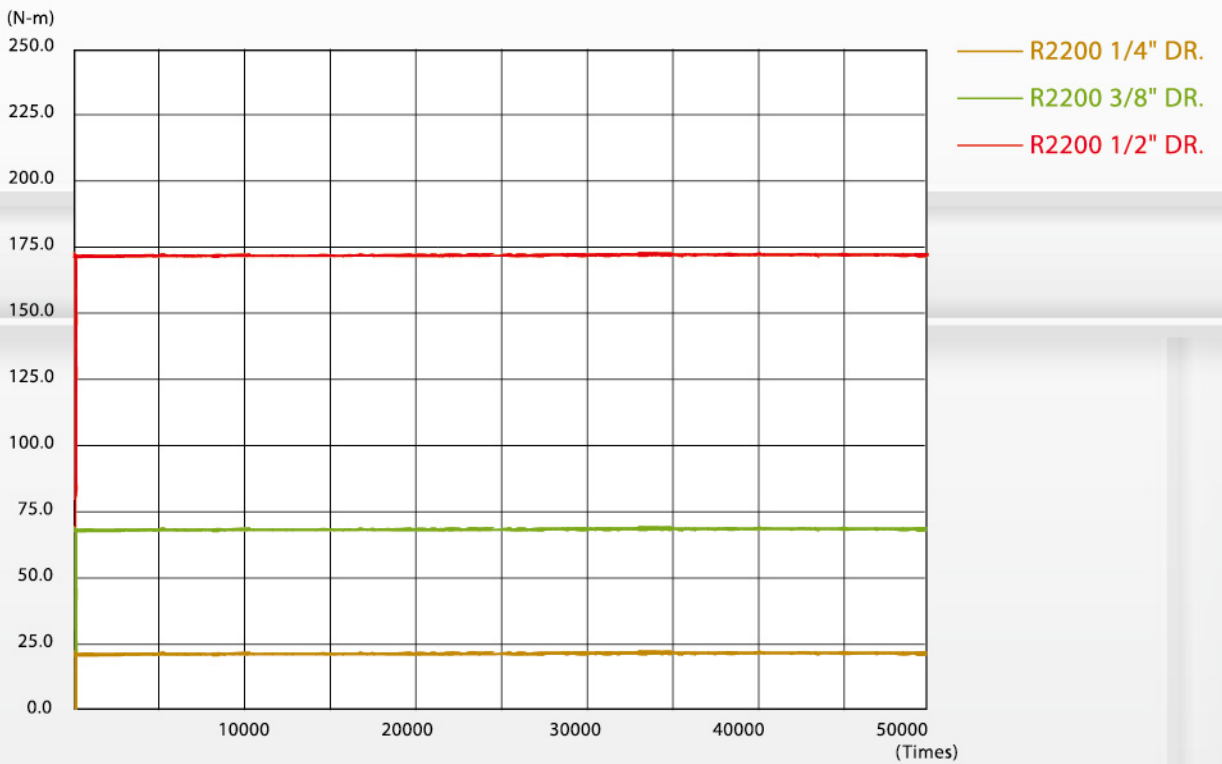
New ergonomic-designed handle ensures the handle to be held comfortably in hand and achieves optimum torque with excellent power transmission.



Life-Time Dynamic Load Tests Report

1.Manufacturer : A-KRAFT Tools
 2.Speed : 0.3rpm
 3.Life-Time : 50000 times

4.Test Style : Dynamic Load Test
 5.Standard : DIN3120/3122, ISO 3315:1996(E)
 6.Notice : Life-Time Test

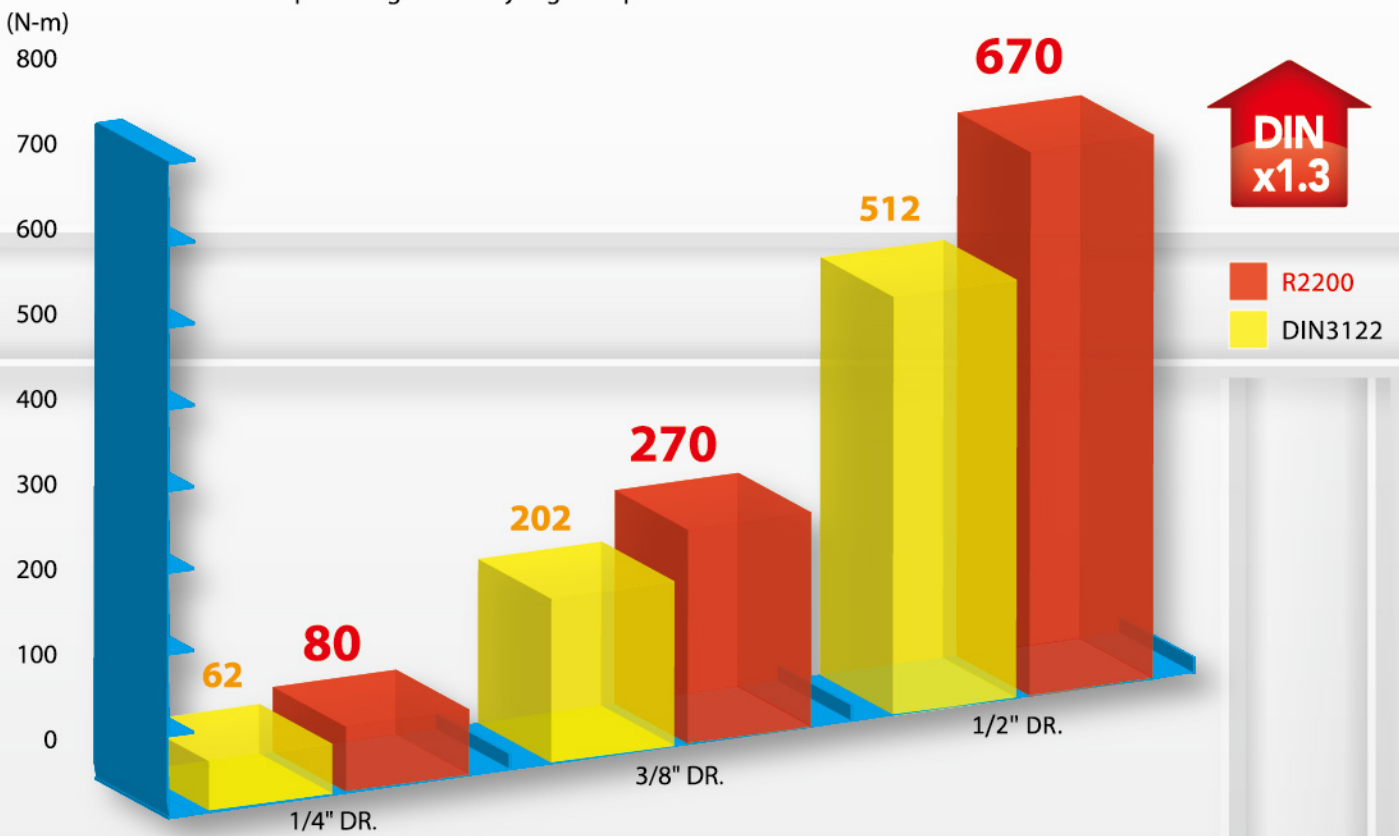


Test Reports:

DR. (mm)	Conditions	DATA	ISO 3315:1996(E)	R2200	Performance	Times
1/4" (6.3)	Conditions	DATA	ISO 3315:1996(E)	R2200	Performance	Times
	Cycle test torque(N-m)		15	21	1.4	50000
3/8" (10)	Conditions	DATA	ISO 3315:1996(E)	R2200	Performance	Times
	Cycle test torque(N-m)		50	68	1.36	50000
1/2" (12.5)	Conditions	DATA	ISO 3315:1996(E)	R2200	Performance	Times
	Cycle test torque(N-m)		128	171	1.34	50000

Torque Test R2200 vs. DIN

Every R2200 Ratchet production step is accompanied by a comprehensive control procedure guaranteeing the precision and consistency of the ratchet and providing extremely High Torque.



DR.(mm) \ DIN	DIN3122	R2200	Performance
1/4" (6.3)	62(N-m)	80(N-m)	1.3
3/8" (10)	202(N-m)	270(N-m)	1.3
1/2" (12.5)	512(N-m)	670(N-m)	1.3

Socket Sets



No.922045

45 PCS 1/4" DR.

- 13 - Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm
- 6 - E-type Sockets: E-4, 5, 6, 7, 8, 10
- 5 - Accessories: Ratchet R2200, Extension bar: 50mm, Sliding T-Handle, Universal joint, Spinner handle
- 21 - Screwdriver Sockets:
 - Hex: 3, 4, 5, 6mm PH# 1, 2, 3 PZ# 1, 2, 3
 - FD: 4, 5.5, 7mm TX: T-8, 10, 15, 20, 25, 27, 30, 40



No.923023-2

23 PCS 3/8" DR.

- 16 - Sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm
- 7 - Accessories: Ratchet R2200, Spark plug sockets: 16, 21mm, Universal joint, Sliding T-handle, Extension bars: 75, 150mm

No.924029-1

29 PCS 1/2" DR.

- 18 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- 4 - Deep Sockets: 10, 13, 17, 19mm
- 7 - Accessories: Ratchet R2200, Spark plug sockets: 16, 21mm, Universal joint, Sliding T-handle, Extension bars: 125, 250mm

No.926065

65 PCS 1/4"+1/2" DR.

- 12 - 1/4" DR. Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm
- 6 - 1/4" DR. E-type Sockets: E-4, 5, 6, 7, 8, 10
- 5 - 1/4" DR. Accessories: Ratchet R2200, Extension bar: 50mm, Sliding T-Handle, Universal joint, Spinner handle
- 18 - 1/4" DR. Screwdriver Sockets:
 - TX: T-8, 10, 15, 20, 25, 27, 30, 40 PH# 1, 2, 3
 - Hex: 3, 4, 5, 6mm FD: 4, 5.5, 7mm
- 14 - 1/2" DR. Sockets: 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- 7 - 1/2" DR. Accessories: Ratchet R2200, Extension bars: 125, 250 mm, Universal joint, 3/8" DR. Female x 1/2" DR. Male adaptor (3 Ways), Spark plug sockets: 16, 21mm
- 3 - Hex Key Wrenches: 1.5, 2, 2.5mm

No.926082

82 PCS 1/4"+1/2" DR.

- 12 - 1/4" DR. Sockets: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm
- 7 - 1/4" DR. E-type Sockets: E-4, 5, 6, 7, 8, 10, 11
- 18 - 1/4" DR. Screwdriver Sockets : TX: T-8, 10, 15, 20, 25, 27, 30, 40
Hex: 3, 4, 5, 6mm PH# 1, 2, 3 FD: 4, 5.5, 7mm
- 5 - 1/4" DR. Accessories: Ratchet R2200, Extension bar: 50mm, Sliding T-Handle, Universal joint, Spinner handle
- 14 - 1/2" DR. Sockets: 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32mm
- 4 - 1/2" DR. Deep Sockets: 10, 13, 17, 19mm
- 6 - 1/2" DR. E-type Sockets: E-12, 14, 16, 18, 20, 24
- 7 - 1/2" DR. Accessories : Ratchet R2200, Extension bars: 125, 250mm, Universal joint, 3/8" DR. Female x 1/2" DR. Male adaptor (3 Ways), Spark plug sockets: 16, 21mm
- 9 - Combination Wrenches: 8, 10, 11, 12, 13, 14, 17, 19, 22mm



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