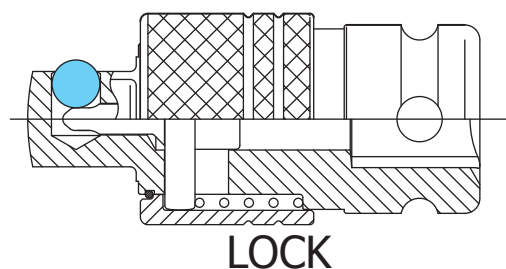


Koken[®] Information

Adaptor - Quick Release *New Addition*

- **12222AL** $\frac{1}{4}$ "
- **14444AL** $\frac{1}{2}$ "
- **16666AL** $\frac{3}{4}$ "
- **13333AL** $\frac{3}{8}$ "
- **15555AL** $\frac{5}{8}$ "
- **18888AL** 1"



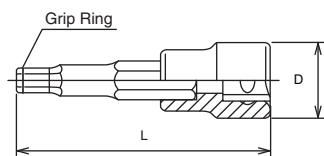
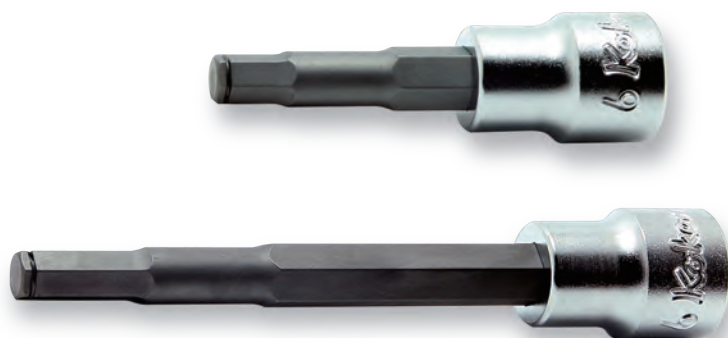
- Steel ball locks a socket securely without using Pin or Retaining ring.
- Quick release and Locking system save your time.



Koken® Information

New item

3015M 3/8" Hex Bit Socket with Grip Ring



3015M.62 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	62	43	10
4	18	62	45	10
5	18	62	50	10
6	18	62	50	10
7	18	62	50	10
8	18	62	62	10
10	20	62	75	10
12	20	62	95	10

3015M.100 (mm)	D (mm)	L (mm)	(g)	(pcs.)
3	18	100	60	10
4	18	100	60	10
5	18	100	65	10
6	18	100	65	10
7	18	100	70	10
8	18	100	70	10
10	20	100	105	10
12	20	100	135	10

RS3015M/8-L62, -L100



RS3015M/8-L62	8 pieces set / Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		500

RS3015M/8-L100	8 pieces set / Rail 200mm	(g)
3, 4, 5, 6, 7, 8, 10, 12		650

- Grip Ring retain the cap bolt.
- Grip Ring allows to work in confined area without drop off the cap bolt.





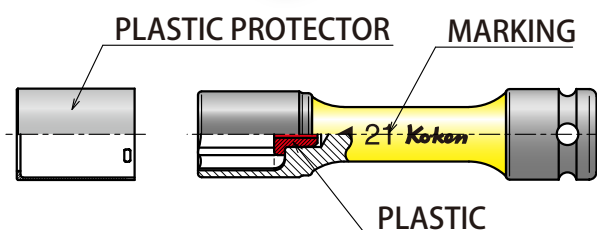
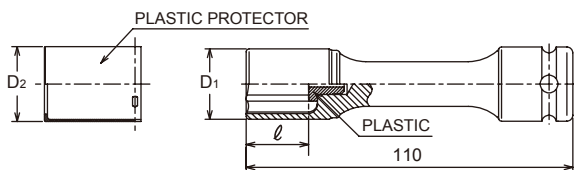
Information

Model Change

○ 14145PM.110 1/2"

Impact Wheel Nut Socket Extra thin-walled with Plastic Protector

Patent Pending



14201M

3 Pieces Set / 690g

CARDBOARD BOX: W125×H95×T34mm

Sockets

14145PM.110 Impact Wheel Nut Socket
17, 19, 21

14145PM.110 (mm)		D1 (mm)	D2 (mm)	ℓ (mm)	Shaft Color	(g)	(pcs.)	
17	1/2"	23.7	25.2	21	Blue	223	5	1401C
19		25.7	27.2	23	Red	231	5	1401C
21		27.5	29	25	Yellow	236	5	1401C
22		29	30.5	26	White	248	5	1401C

EXTRA THIN WALLED

Thin-walled shape and 110mm length gives extra reach for nuts recessed deep inside the wheel. They are ideal for aluminum wheel nuts where access to nut is very tight. Color coded shafts make size identification easy.

MARKING ← Model Change

The socket size and Ko-ken mark printed on the shaft makes it easier to see if the socket is still rotating or stopped.

PLASTIC PROTECTOR ← Model Change

A detachable plastic protector is fitted to the socket to prevent damage to the wheel when working in tight areas.

<http://www.koken-tool.co.jp/>



Information

New Addition

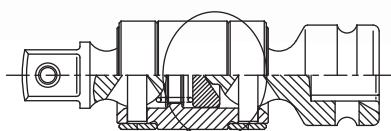
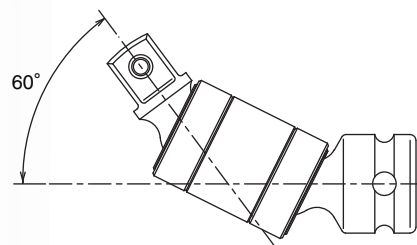
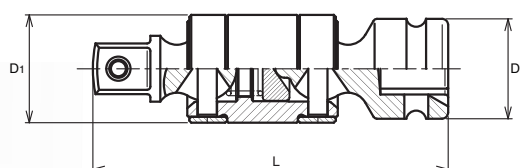
New 13772-P 3/8"

14772-P 1/2"

Impact Universal Double Joint

PATENT P.

	D1 (mm)	D2 (mm)	L (mm)	(g)	(pcs.)
New 13772-P	22	19	75	120	5
14772-P	27	25	90	230	5



Returning Mechanism

Inside mechanism makes Female drive part and Body part returning to straight position.

Plunger type

Attach a socket without using Pin/O-ring or C-ring.

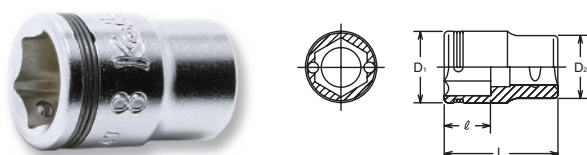
Push the Plunger to release a socket.



Koken® Information

Nut Grip® New Addition

2450MS Nut Grip® Short socket 1/4"



RS2450MS/6



2350M Nut Grip® Deep socket 1/4"



3350M(L120) Nut Grip® Extra Deep socket 3/8"



[EXTRA DEEP SOCKET]



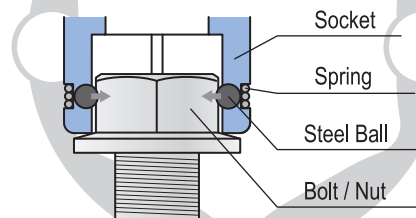
BUMPER BOLT



DOOR HINGE

Nut Grip®

Twin balls at the 6-point opening holds bolt/nut tightly for safe and reliable work.



2450MS (mm)	D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs)
7	11.3	11.2	4	18	8	10
8	12.3	11.2	5	18	9	10
10	14.3	12.9	6	19	13	10
12	17.4	16	7	20	22	10
13	18	16.4	8	20	22	10
14	19.9	18	8.5	22	31	10

RS2450MS/6 : 6 Pieces Set (g)=120g

2450MS (Rail:150mm) 7, 8, 10, 12, 13, 14

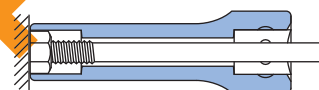
2350M (mm)	D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs)
8	12.3	11.2	5	50	30	10
10	14.2	12.9	6	50	35	10
12	17.3	16	7	50	55	10
14	19.9	18	8.5	50	70	10

3350M(L120) (mm)		D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)
10	3/8" 9.5mm	14.5	17.3	6	120
12		16.8	17.3	7	120

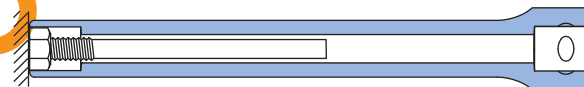
3350M/2-L120 : 2 Pieces Set

Sockets 3350M(L120) Extra Deep Sockets Nut Grip® 10, 12

PLASTIC BAG



DEEP SOCKET



EXTRA DEEP SOCKET

Extra deep socket can be used to fasten or loosen longer bolts such as Bumper bolt and Door hinge etc.

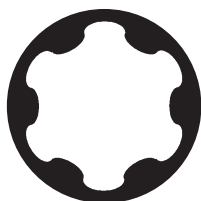
<http://www.koken-tool.co.jp/>

Koken[®] Information

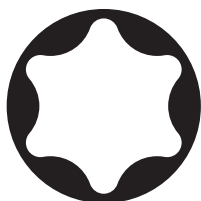
TORX^{plus}[®]

New Addition EPL socket

TORX PLUS
EP/EPL-style



TORX
E-style



Technical Features

Straight Sidewalls & Reduced Recess Fall Away

- Increase tool engagement
- Virtually eliminates camout
- Ensures proper torque transfer
- Greatly reduces end load requirements
- Can reduce worker fatigue and muscular stress during manual assembly

Elliptically-based Geometry and Lobe Engagement

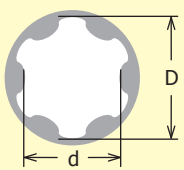
- Broadens contact surface to maximize engagement of driver and recess
- Eliminates damaging point-to-point contact

0° Drive Angle

- Optimises torque transmission
- Virtually eliminates radial stresses to increase tool bit life
- Enables use of recesses with thinner walls

Six Lobes with Large Cross-Sectional Areas

- Enables faster tool engagement
- Maximizes torque transfer
- Increases torsional strength

TORX^{plus}[®] (EPL)			
	D (ref. mm)	d (ref. mm)	
			
10EPL	9.37	7.22	
12EPL	11.13	8.55	
14EPL	12.85	9.89	
16EPL	14.71	11.30	
18EPL	16.62	12.78	
20EPL	18.42	14.16	

4425 (EPL)	D ₁ (mm)	D ₂ (mm)	ℓ (mm)	L (mm)	(g)	(pcs)
10EPL	13.2	21	6.2	36	45	10
12EPL	14.6	21	7.2	37	47	10
14EPL	16.5	21	8.1	37	49	10
16EPL	19.0	22	9.1	37	60	10
18EPL	20.3	22	10.2	37	60	10
20EPL	22.9	22	11.2	37	65	10



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