

# CYCLE TOOLS

### 3/8"sq. CYCLE TOOL SET [40pcs.]



40 pcs.



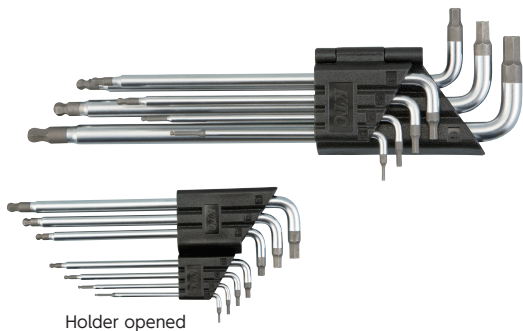
\* Please use a specialty tools to cut various cables for bicycles.

No.	Weight(kg)	⊞	
SK34011CY	4.1	1	
Case			
EKP-5	Plastic hard case		
Contents			
3/8"sq. socket (6pt.)	B3-08, 09, 10, 11, 12, 13, 14, 15		
3/8"sq. hexagonal bit socket	BT3-03, 04, 05, 06, 08		
3/8"sq. T-type Torx bit socket	BT3-T25, T30		
3/8"sq. extension bar	BE3-075		
3/8"sq. ratchet handle	BR3E		
Hard plastic grip screwdriver (Flat)	D7M2-6		
Hard plastic grip screwdriver (cross)	D7P2-2		
L-Shaped Ball Point Hex. Key wrench Set (LONG) [9pcs.]	HL259SP(1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)		
Combination wrenches	MS2-08, 10, 12, 13		
Cutting pliers	PN1-150		
Needle nose pliers (standard type)	PSL-150		
Mini hammer	TUD3S		
Adjustable wrench	WMA-250		
Pedal wrench	CP2-15A		
Tire lever set (set of 2)	CTR12		
3/8"sq. socket holder	EHB315		

- Basic model for bicycle maintenance with a plastic case.
- The case is compact and easy to carry.
- ➡ Cases are shown on p.199.

### L-SHAPED BALL POINT HEX. KEY WRENCH SET [7pcs.]

7 pcs.



Holder opened

No.	Weight(g)	⊞	
HLDA2507	230	1	

Set contents	
L-Shaped Ball Point Hex. Key Wrench	1.5, 2, 2.5, 3, 4, 5, 6

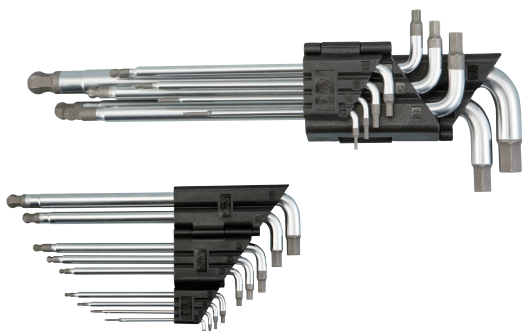
- Rounded handle prevents the shaft from bowed.
- The chrome-plated finish is pleasant to the touch, beautiful, and rust-resistant.
- Special alloy steel provides excellent abrasion resistance and torsional strength.
- The original foldable holder makes it convenient to carry and manage.



- Be careful not to apply too much force to the ball point because of its low limiting torque.
- The swing angle of the ball point varies depending on the size and variation of the bolt.
- Apply force in the direction of rotation of the bolt. Pulling up or pushing down may cause damage from the bending part.

### L-SHAPED BALL POINT HEX. KEY WRENCH SET [9pcs.]

9 pcs.



Holder opened

No.	Weight(g)	⊞	
HLDA2509	630	1	

Set contents	
L-Shaped Ball Point Hex. Key Wrench	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10

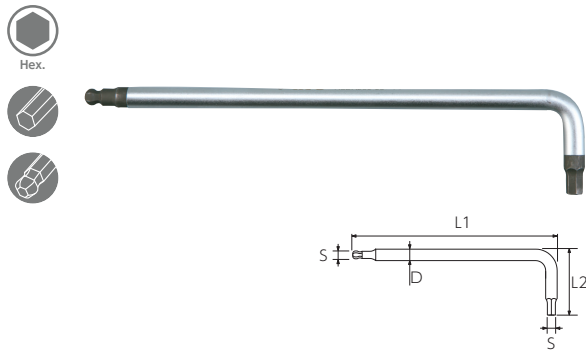
- Rounded handle prevents the shaft from bowed.
- The chrome-plated finish is pleasant to the touch, beautiful, and rust-resistant.
- Special alloy steel provides excellent abrasion resistance and torsional strength.
- The original foldable holder makes it convenient to carry and manage.



- Be careful not to apply too much force to the ball point because of its low limiting torque.
- The swing angle of the ball point varies depending on the size and variation of the bolt.
- Apply force in the direction of rotation of the bolt. Pulling up or pushing down may cause damage from the bending part.

• Do not hit or extend it with a pipe or other tools.

### L-SHAPED BALL POINT HEX. KEY WRENCH



No.	S	D	L1	L2	Weight(g)	⊞
HLDA250-015	1.5	3	82	19	4	1
HLDA250-02	2	3	98	20	6	1
HLDA250-025	2.5	4	114	22	12	1
HLDA250-03	3	5	131	25	21	1
HLDA250-04	4	6	148	31	35	1
HLDA250-05	5	7	167	35	55	1
HLDA250-06	6	8	188	40	80	1
HLDA250-08	8	10	210	46	140	1
HLDA250-10	10	12	236	52	225	1



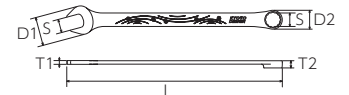
- Be careful not to apply too much force to the ball point because of its low limiting torque.
- The swing angle of the ball point varies depending on the size and variation of the bolt.
- Apply force in the direction of rotation of the bolt. Pulling up or pushing down may cause damage from the bending part.

### COMBINATION WRENCH



No.	S	D1	D2	T1	T2	L	Weight(g)	⊞
MS3-08T	8	18	11.5	3	4.5	150	25	1
MS3-10T	10	21.5	14.5	3	5.5	180	40	1
MS3-15T	15	32	21	4.2	8	240	105	1

- This thin combination wrench is engraved with a beautiful scene of cherry blossoms on the surface.
- For various wire adjustments (8mm)
- For attaching and detaching lights, fenders and brake shoes (10mm)
- For attaching and detaching wheels and auxiliary wheels for children (15mm)



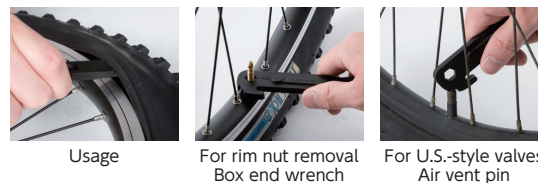
- Be careful not to exert excessive force due to the long length and thin type.

### TIRE LEVER SET [2 pcs.]



No.	S	B1	B2	T1	T2	L	Weight(g)	⊞
CTR12	Front: 9 Back: 10	20	30	6	8	135	22×2	1

- The thin tip and long claws make it easy to pick up beats.
- The back side of the rim has a guide angle for easy insertion between the tire and the rim.
- A hook is used on the opposite side of the tip to allow it to be hooked onto a spoke.
- Includes Box end wrench for removing the rim nut that holds the valve to the rim.
- Includes air release pin for U.S. style valve to release air in the tube.

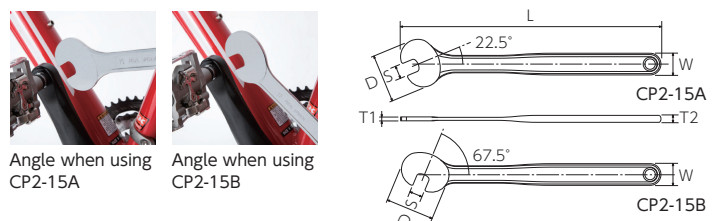


### PEDAL WRENCH



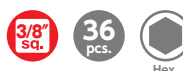
No.	S	D	W	L	T1	T2	Weight(g)	⊞
CP2-15A	15	56	25	300	4.5	8	270	1
CP2-15B	15	56	25	300	4.5	8	270	1

- The thin tip of the wrench can be used for various types of pedals.
- Two wrench tip angles, 22.5° (CP2-15A) and 67.5° (CP2-15B), are available to accommodate pedals with difficult installation angles.



- Do not use it for any purpose other than removing and installing bicycle pedals.

· Function mark is indicated under the product name. For the details, please refer to P.004-005.  
 · Products marked with should be ordered after checking stock.



### 3/8"sq. PEDAL WRENCH (CROWFOOT WRENCH TYPE)

3/8" sq.

POWERFIT

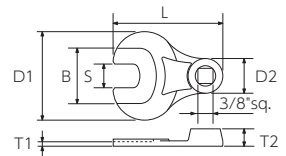


No.	S	D1	D2	B	T1	T2	L	Weight(g)	⊖
CP1-15	15	56	22	35	4.5	11	69.5	90	1

- Torque can be checked with a torque wrench by using a 3/8"sq. drive.
- The thin tip of the wrench can be used for various types of pedals.



Usage (with GEK085-R3)

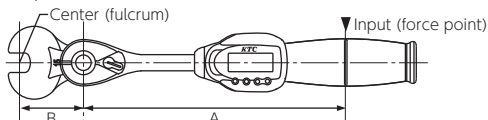


• Do not use it for any purpose other than removing and installing bicycle pedals.

#### Torque value conversion for pedal wrenches (claw foot type)

The torque value is determined by the distance from the fulcrum to the force point and the force applied to the point. When using a clawfoot type wrench, the distance from the fulcrum to the force point, which is originally set in the torque wrench, will change, making it impossible to measure the torque accurately. Before measuring, please determine the value to be input to the torque wrench from the required torque value and start working.

Torque value conversion.



Torque conversion formula:  $\frac{A}{(A+B)} \times \text{Required torque value} = \text{Input torque value}$   
 For accurate measurement, insert the wrench completely.

Example of combination with Digital ratchet

Part number	Conversion rate	Required torque value		
		30N·m	35N·m	40N·m
GEK030-C3	75%	22.4	—	—
GEK060-R3	75%	22.4	26.1	29.9
GEK085-R3	80%	24.0	28.0	32.0

\* The conversion rate is reference only. For an accurate value, we recommend that you calculate it using the method described in the left column.  
 Example: When tightening a pedal with the specified torque of 40 N·m with Digital ratchet DGEK085-R3, the conversion ratio is 80%, and the set torque of Digital ratchet is 32 N·m.

Recommended torque wrench



Digital ratchet  
GEK085-R3

Torque range 17~85N·m

For more information on Digital ratchet, P.411-422.

#### Related Items



Digital ratchet small torque compact head type  
P.416



Hex. bit socket  
P.288 ~ 299



L-Shaped Hex. Key wrench  
P.299 ~ 304



Digital ratchet Type rechargeable  
P.412 ~ 415



TORQUE  
P.032

• Do not hit or extend it with a pipe or other tools.