

ThaiSafe

Product

WE CARE YOU

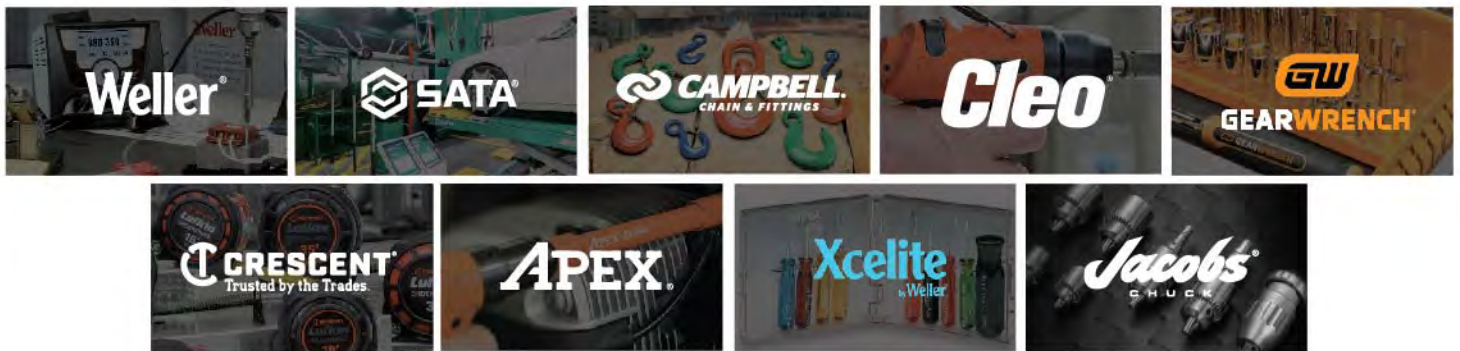
PRODUCT CATALOGUE





Who is APEX Tool Group?

Apex Tool Group (ATG) is one of the largest manufacturers of professional hand and power tools in the world, serving the industrial, vehicle service and assembly, aerospace, electronics, construction and serious DIY markets.



MY STORE

2020

SATA® x CASMANZ

1997

SATA® Original
Shanghai Factory

2019

SATA® x Automotive
Equipment

1992

SATA® Officialy



2018

SATA® x Tirawatgroup

1933

APEX® Fastener Tool
Founded Apex tool machine&tool

2000

SATA® Thailand



1848

Wiss® Scissor Factory



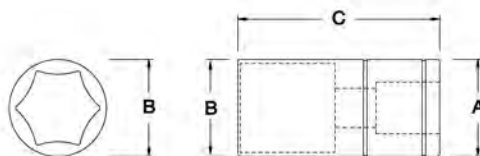
SATA®

MADE TO CHALLENGE

1-9	ลูกบอล็อก, ด้ามพรี, ขั้วต่อ, ด้ามต่อ
10-16	ประแจ
17-20	ไขควง
21-26	คีม (1)
27-30	เครื่องมือและอุปกรณ์เสริม
30-32	ค้อน
32-34	เครื่องมือตัดและมีด
34-37	ตู้เครื่องมือ, อุปกรณ์จัดเก็บเครื่องมือ
38-39	ประแจปอนด์
40	กรรไกรตัดต่อ
41-42	คีม (2)
43	ปืนอัดจารบี
44-45	ตะไบ, หัวสว่าน
46-47	ใบเจียร
47-54	ชุดเครื่องมือ (1)
54-55	ชุดประแจ 6 เหลี่ยม
55-59	ชุดเครื่องมือ (2)
60-61	ชุดเครื่องมือ VDE
62	ตู้เครื่องมือช่าง+เครื่องมือ
63-64	แม่แรง
65-66	ถุงมือและอุปกรณ์ป้องกัน (PPE)

ลูกบล็อก 1/4"

1/4" Drive 6 Point Metric Standard Length Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



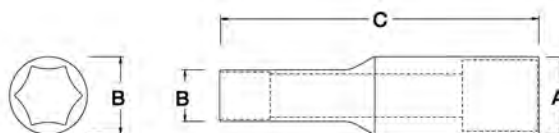
These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.5M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
11307	7 mm	11.8 mm	10.7 mm	24.5 mm	12	384	7.3 kg	50
11308	8 mm	11.8 mm	11.8 mm	24.5 mm	12	384	7.3 kg	50
11309	9 mm	13.1 mm	13.1 mm	24.5 mm	12	168	4.1 kg	50
11310	10 mm	14.3 mm	14.3 mm	24.5 mm	12	168	4.4 kg	50

ลูกบล็อกยาว 1/4"

1/4" Drive 6 Point Metric Deep Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.5M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
11401	4 mm	11.9 mm	6.7 mm	49 mm	12	396	10.3 kg	70
11402	5 mm	11.9 mm	8.0 mm	49 mm	12	396	10.9 kg	70
11403	6 mm	11.9 mm	9.2 mm	49 mm	12	396	11.4 kg	70
11404	7 mm	11.9 mm	10.8 mm	49 mm	12	396	12.5 kg	70
11405	8 mm	11.9 mm	11.9 mm	49 mm	12	396	12.5 kg	70

ด้ามฟรีหัวกลม 1/4"

1/4" Drive Quick-Release Round Head Ratchet



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
11901	142 mm	4	24	4.2 kg	480

- Made of Chrome Vanadium steel
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ด้ามฟรีหัวไข่ 1/4"

1/4" Drive Quick-Release Ratchet



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
11906	143 mm	4	24	4.1 kg	730

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ข้อต่อบล็อก 1/4"

1/4" Drive Adapter



ANSI B107.10M DIN 3123

รุ่น	ขนาด	Female Drive Size	Male Drive Size			G.W.	ราคา
11913	25.5 mm	1/4 in	3/8 in	12	384	9.7 kg	60

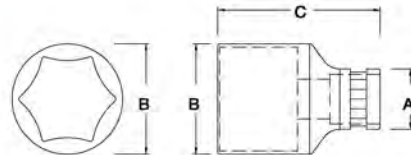


These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

• Made of Chrome Vanadium steel

ลูกบล็อก 3/8"

3/8" Drive 6 Point Metric Standard Length Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive™ Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.10M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
12301	6 mm	17 mm	9.3 mm	25 mm	6	192	5.5 kg	50
12302	7 mm	17 mm	10.8 mm	25 mm	6	192	5.7 kg	50
12303	8 mm	17 mm	12 mm	25 mm	6	192	5.8 kg	50
12304	9 mm	17 mm	12.9 mm	25 mm	6	192	6 kg	50
12305	10 mm	17 mm	14.5 mm	25 mm	6	192	6 kg	50
12306	11 mm	17 mm	15.8 mm	25 mm	6	192	6 kg	50
12307	12 mm	17 mm	17 mm	25 mm	6	192	6.3 kg	50
12308	13 mm	18.3 mm	18.3 mm	25 mm	6	84	3.6 kg	50
12309	14 mm	19.5 mm	19.5 mm	25 mm	6	84	3.8 kg	50
12310	15 mm	20.8 mm	20.8 mm	25 mm	6	84	4 kg	70
12311	16 mm	22 mm	22 mm	25 mm	6	84	4.4 kg	70
12312	17 mm	23.3 mm	23.3 mm	25 mm	6	72	4.3 kg	70
12313	18 mm	23.8 mm	23.8 mm	25 mm	6	72	4.4 kg	80
12314	19 mm	25.5 mm	25.5 mm	25 mm	6	72	4.5 kg	80
12315	20 mm	27 mm	27 mm	28 mm	4	48	4 kg	80
12316	21 mm	27.9 mm	27.9 mm	28 mm	4	48	4.1 kg	80
12317	22 mm	29.5 mm	29.5 mm	28 mm	4	48	4.8 kg	90
12318	24 mm	31.9 mm	31.9 mm	28 mm	4	48	4.9 kg	90

ข้อต่อบล็อก 3 ทาง

3/8" Drive 3-Way Adapter



ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
12930	3/8 in	6	72	8.1 kg	190

• Made of Chrome Vanadium steel



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ค้ำพรีหิ้ว 3/8"

3/8" Drive Quick-Release Ratchet



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
12972	3/8 in	6	192	8.4 kg	750

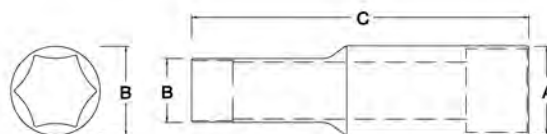
• Made of Chrome Vanadium steel

• Convenient single hand direction change switch

• Quick-release capability to easily eject an engaged socket even under slippery conditions

ลูกบล็อกลายยาว 3/8"

3/8" Drive 6 Point Metric Deep Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.5M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
12401	8 mm	16.8 mm	12 mm	63.5 mm	6	198	10.9 kg	90
12402	9 mm	16.8 mm	12.9 mm	63.5 mm	6	198	10.9kg	90
12403	10 mm	16.8 mm	14.5 mm	63.5 mm	6	198	10.9 kg	90
12404	11 mm	16.8 mm	15.8 mm	63.5 mm	6	198	11.3 kg	90
12405	12 mm	16.8 mm	16.8 mm	63.5 mm	6	198	12.5 kg	90
12406	13 mm	18.8 mm	18.8 mm	63.5 mm	6	72	6.2 kg	90
12407	14 mm	19.5 mm	19.5 mm	63.5 mm	6	72	6.5 kg	90
12408	15 mm	20.8 mm	20.8 mm	63.5 mm	6	72	7.2 kg	120
12409	16 mm	22 mm	22 mm	63.5 mm	6	72	7.3 kg	120
12410	17 mm	23.8 mm	23.8 mm	63.5 mm	6	72	9.7 kg	150
12411	18 mm	23.8 mm	23.8 mm	63.5 mm	6	72	9.9 kg	150
12412	19 mm	25.5 mm	25.5 mm	63.5 mm	6	72	11.6 kg	160
12413	20 mm	27 mm	27 mm	63.5 mm	4	48	9.1 kg	190
12414	21 mm	27.8 mm	27.8 mm	63.5 mm	4	48	9.8 kg	190
12415	22 mm	29.5 mm	29.5 mm	63.5 mm	4	48	10.3 kg	190

ด้ามฟรีหัวกลม 3/8"

3/8" Drive Quick-Release Round Head Ratchet



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
12901	197 mm	4	24	8.3 kg	570

- Made of Chrome Vanadium steel
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ด้ามต่อล็อก 3/8"

3/8" Drive Locking Extensions



ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
12907	6 in	6	36	6.1 kg	360

- Made of Chrome Vanadium steel



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ด้ามบล็อกเลื่อน 3/8"

3/8" Drive T-Handle



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
12910	274 mm	6	36	6.4 kg	240

- Made of Chrome Vanadium steel

ข้อต่อบล็อก 3/8"

3/8" Drive Adapters



ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
12913	3/8" - 1/4" M	6	192	8.4 kg	70
12914	3/8" - 1/2" M	6	84	6.1 kg	100

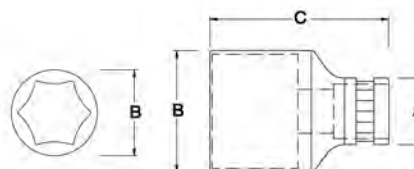
- Made of Chrome Vanadium steel



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ลูกบอล 1/2"

1/2" Drive 6 Point Metric Standard Length Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.10M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
13319	8 mm	22.2 mm	13.3 mm	38 mm	6	84	4.9 kg	90
13320	9 mm	22.2 mm	14.3 mm	38 mm	6	84	4.9 kg	90
13301	10 mm	22.2 mm	15.3 mm	38 mm	6	84	4.9 kg	90
13302	11 mm	22.2 mm	16.5 mm	38 mm	6	84	4.9 kg	90
13303	12 mm	22.2 mm	17.8 mm	38 mm	6	84	5.2 kg	90
13304	13 mm	22.2 mm	19 mm	38 mm	6	84	5.2 kg	90
13305	14 mm	22.2 mm	20.3 mm	38 mm	6	84	5.4 kg	90
13306	15 mm	22.2 mm	22.2 mm	38 mm	6	84	5.7 kg	90
13307	16 mm	22.2 mm	22.2 mm	38 mm	6	84	5.7 kg	90
13308	17 mm	23.9 mm	23.9 mm	38 mm	6	72	5.8 kg	120
13309	18 mm	24.9 mm	24.9 mm	38 mm	6	72	6.1 kg	120
13310	19 mm	25.9 mm	25.9 mm	38 mm	6	72	6.1 kg	120
13311	20 mm	27.8 mm	27.8 mm	38 mm	4	48	5.2 kg	120
13312	21 mm	27.9 mm	27.9 mm	38 mm	4	48	5.9 kg	120
13313	22 mm	29.9 mm	29.9 mm	38 mm	4	48	5.9 kg	120
13314	23 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	130
13315	24 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	130
13316	27 mm	35.9 mm	35.9 mm	40 mm	4	48	8.7 kg	150
13317	30 mm	39.9 mm	39.9 mm	42 mm	6	24	5.2 kg	170
13318	32 mm	41.9 mm	41.9 mm	42 mm	6	24	6.1 kg	180

ด้ามจับ 1/2"

1/2" Drive Quick-Release Round Head Ratchet

ด้ามต่อ 1/2"

1/2" Drive Wobble Extensions



ANSI B107.10M DIN 3122

ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
13901	244 mm	4	24	15.8 kg	730

รุ่น	ขนาด			G.W.	ราคา
13904	5 in	4	24	6.2 kg	200
13905	10 in	4	24	11.3 kg	270

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

- Made of Chrome Vanadium steel

ลูกบล็อกยาว 1/2"

1/2" Drive 6 Point Metric Deep Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability

 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.5M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
13401	10 mm	22 mm	15.3 mm	77 mm	6	72	7.5 kg	180
13402	11 mm	22 mm	16.5 mm	77 mm	6	72	8.2 kg	180
13403	12 mm	22 mm	17.8 mm	77 mm	6	72	8.6 kg	180
13404	13 mm	22 mm	19 mm	77 mm	6	72	8.6 kg	180
13405	14 mm	22 mm	20.3 mm	77 mm	6	72	8.9 kg	180
13406	15 mm	22 mm	21.4 mm	77 mm	6	72	8.9 kg	180
13407	16 mm	22 mm	22 mm	77 mm	6	72	8.9 kg	180
13408	17 mm	23.8 mm	23.8 mm	77 mm	6	72	10.5 kg	180
13409	18 mm	24.8 mm	24.8 mm	77 mm	6	72	12.4 kg	180
13410	19 mm	25.8 mm	25.8 mm	77 mm	6	72	12.4 kg	190
13411	20 mm	27.8 mm	27.8 mm	77 mm	4	48	10.1 kg	190
13412	21 mm	27.8 mm	27.8 mm	77 mm	4	48	10.1 kg	190
13413	22 mm	29.8 mm	29.8 mm	77 mm	4	48	11.3 kg	190
13414	24 mm	31.8 mm	31.8 mm	77 mm	4	48	12.2 kg	210
13415	27 mm	35.8 mm	35.8 mm	77 mm	4	48	17 kg	240
13416	30 mm	39.8 mm	39.8 mm	77 mm	2	24	9.5 kg	240
13417	32 mm	41.8 mm	41.8 mm	77 mm	2	24	10.3 kg	270

ด้ามต่อล็อก 1/2"

1/2" Drive Locking Extensions



ด้ามจับแฉ่ง 1/2"

1/2" Drive Flex handle /Breaker Bar



ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
13906	3 in	4	120	26.7 kg	340
13907	5 in	4	24	6.6 kg	370
13908	10 in	4	24	12.9 kg	460

- Made of Chrome Vanadium steel

ANSI B107.10M DIN 3122

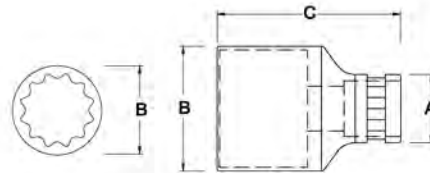
รุ่น	ขนาด			G.W.	ราคา
13909	250 mm 10"	4	26	14.7 kg	690
13911	375 mm 15"	4	16	19.4 kg	870

- Made of Chrome Vanadium steel
- Flex head drive for multiple angles of use

 These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ลูกบล็อก 1/2"

1/2" Drive 12 Point Metric Standard Length Sockets



- Made of Chrome Vanadium steel
- Double Line (SAE) & Knurled Line (MM) to easily identify Standard vs. Metric Sockets
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.10M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
13619	8 mm	22.2 mm	13.3 mm	38 mm	6	84	4.9 kg	90
13601	10 mm	22.2 mm	15.3 mm	38 mm	6	84	4.9 kg	90
13602	11 mm	22.2 mm	16.5 mm	38 mm	6	84	5.2 kg	90
13603	12 mm	22.2 mm	17.8 mm	38 mm	6	84	5.2 kg	90
13604	13 mm	22.2 mm	19 mm	38 mm	6	84	5.2 kg	90
13605	14 mm	22.2 mm	20.3 mm	38 mm	6	84	5.4 kg	90
13606	15 mm	22.2 mm	22.2 mm	38 mm	6	84	5.8 kg	90
13607	16 mm	22.2 mm	22.2 mm	38 mm	6	84	5.8 kg	90
13608	17 mm	23.9 mm	23.9 mm	38 mm	6	72	5.8 kg	120
13609	18 mm	24.9 mm	24.9 mm	38 mm	6	72	6.1 kg	120
13610	19 mm	25.9 mm	25.9 mm	38 mm	6	72	6.1 kg	120
13611	20 mm	27.8 mm	27.8 mm	38 mm	4	48	5.2 kg	120
13612	21 mm	27.9 mm	27.9 mm	38 mm	4	48	5.9 kg	120
13613	22 mm	29.9 mm	29.9 mm	38 mm	4	48	5.9 kg	120
13614	23 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	130
13615	24 mm	31.9 mm	31.9 mm	38 mm	4	48	6.5 kg	130
13616	27 mm	35.9 mm	35.9 mm	40 mm	4	48	8.7 kg	150
13617	30 mm	39.9 mm	39.9 mm	42 mm	2	24	5.2 kg	180
13618	32 mm	41.9 mm	41.9 mm	42 mm	2	24	6.1 kg	180

ด้ามบล็อกเลื่อน

1/2" Drive T-Handle



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
13910	250 mm 10"	4	24	11.7 kg	270

- Made of Chrome Vanadium steel

ข้ออ่อนบล็อก

1/2" Drive Universal Joint



ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
13912	1/2 in	4	48	8.3 kg	270

- Made of Chrome Vanadium steel



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ข้อด 1/2" Fx3/8"M

1/2" Drive Adapters



ANSI B107.10M DIN 3123

รุ่น	ขนาด			G.W.	ราคา
13913	1/2 in	4	56	9.2 kg	130

- Made of Chrome Vanadium steel



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ลูกบล็อกหัวเทียน 1/2"

1/2" Drive Metric Spark Plug Sockets



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
13915	16 mm	4	72	10.5 kg	140
13916	21 mm	4	80	18.6 kg	180

- Made of Chrome Vanadium steel



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ด้ามจับตัวแอล

1/2" Drive Offset Handle



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
13919	260 mm 10"	4	24	11.5 kg	420

- Made of Chrome Vanadium steel

ด้ามฟรีหัวไข 1/2"

1/2" Drive Quick-Release Ratchet



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
13972	250 mm 10"	4	24	14.8 kg	940

- Made of Chrome Vanadium steel
- Convenient single hand direction change switch
- Quick-release capability to easily eject an engaged socket even under slippery conditions

ด้ามควง

1/2" Drive Speeder Handle



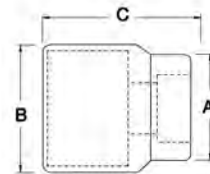
ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
17001	410 mm	6	12	15.4 kg	720

- Made of Chrome Vanadium steel

ลูกบล็อก 3/4" 12 แฉก

3/4" Drive 12 Point Metric Standard Length Sockets



- Made of Chrome Vanadium steel
- Surface Drive® Technology - Radius corner design provides 15%-20% more torque, extends fastener life and reduces slippage
- Manufactured to industrial specifications assuring a thin wall design with precise nut end dimensions
- Specifically heat treated for the correct balance of strength and durability



These sockets accessories should never be used on power drivers, pneumatic impact wrench and/or extenders.

ANSI B107.10M DIN 3124

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
16602	19 mm	36 mm	28.5 mm	47.5mm	10	60	13.8 kg	250
16603	21 mm	36 mm	31.5 mm	49.5 mm	10	60	13.8 kg	250
16604	22 mm	36 mm	32.5 mm	49.5 mm	10	60	13.8 kg	250
16605	23 mm	36 mm	33.5 mm	49.5 mm	10	60	13.8 kg	250
16606	24 mm	36 mm	34.5 mm	49.5 mm	10	60	13.8 kg	250
16607	25 mm	36.2 mm	21.4 mm	50 mm	10	60	13.8 kg	250
16608	26 mm	36 mm	22 mm	50 mm	10	60	13.8 kg	260
16609	27 mm	36 mm	23.8 mm	52 mm	10	60	13.8 kg	260
16610	28 mm	36 mm	24.8 mm	52 mm	8	48	12 kg	260
16611	29 mm	38 mm	25.8 mm	52 mm	8	48	12.5 kg	260
16612	30 mm	38 mm	27.8 mm	54 mm	8	48	13.5 kg	260
16613	32 mm	38 mm	27.8 mm	56 mm	6	36	11.1 kg	310
16614	33 mm	38 mm	29.8 mm	56 mm	6	36	12.2 kg	340
16615	34 mm	38 mm	31.8 mm	56 mm	6	36	12.9 kg	340
16616	35 mm	42 mm	35.8 mm	56 mm	6	36	14 kg	340
16617	36 mm	42 mm	50.2 mm	58 mm	6	36	15.4 kg	400
16618	38 mm	45 mm	52.2 mm	60 mm	4	24	12 kg	400
16619	41 mm	45 mm	56 mm	64 mm	4	24	14.2 kg	480
16620	46 mm	48 mm	62 mm	68 mm	4	16	11.3 kg	610
16622	50 mm	48 mm	68 mm	72 mm	2	12	10.3 kg	610
16623	55 mm	48 mm	74 mm	76 mm	2	12	12.6 kg	750
16624	60 mm	48 mm	80 mm	78 mm	2	12	13.2 kg	870

ด้ามจับตัวแอล 3/4"

3/4" Drive Offset Handle



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
16919	380 mm 15"	4	24	25.6 kg	1,110

- Made of Chrome Vanadium steel

ด้ามฟรีหัวไข 3/4"

3/4" Drive Quick-Release Teardrop Ratchet



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
16901	500 mm 20"	1	8	20.4 kg	3,310

- Made of Chrome Vanadium steel

ลูกบอลกลม 1/2"

1/2" Drive 6 Point Metric Impact Sockets



- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2 DIN 3129

รุ่น	ขนาด	Overall Length			G.W.	ราคา
34303	10 mm	38 mm	6	72	7.7 kg	130
34305	12 mm	38 mm	6	72	7.8 kg	130
34307	14 mm	38 mm	6	72	7.9 kg	130
34310	17 mm	38 mm	6	72	8.2 kg	130
34312	19 mm	41 mm	4	48	8.7 kg	180
34314	21 mm	41 mm	4	48	9.2 kg	180
34317	24 mm	41 mm	4	48	10.2 kg	180
34320	27 mm	41 mm	4	48	10.2 kg	250

ลูกบอลกลม 1/2"

1/2" Drive 6 Point Metric Deep Impact Sockets



- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2 DIN 3129

รุ่น	ขนาด	Overall Length			G.W.	ราคา
34403	10 mm	82 mm	6	72	13.7 kg	240
34405	12 mm	82 mm	6	72	13.8 kg	240
34406	13 mm	82 mm	6	72	14.1 kg	240
34407	14 mm	82 mm	6	72	14.1 kg	240
34410	17 mm	82 mm	6	72	14.8 kg	240
34412	19 mm	82 mm	4	48	12.4 kg	270
34414	21 mm	82 mm	4	48	13 kg	300

ลูกบอลกลม 1"

1" Drive 6 Point Metric Impact Sockets



- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ANSI B107.2 DIN 3129

รุ่น	ขนาด	Overall Length			G.W.	ราคา
34824	36	66	4	24	19 kg	1,110
34825	37	66	4	24	19.1 kg	1,130
34826	38	66	4	24	19.7 kg	1,130
34829	41	68	4	16	14.4 kg	1,230
34830	42	68	4	16	14.6 kg	1,280
34831	43	70	4	16	15.1 kg	1,340
34832	44	70	4	16	15.5 kg	1,380
34833	45	72	4	16	16.8 kg	1,440

ด้ามต่อบล็อกกลม

1/2" Drive Impact Extensions



ANSI B107.10M DIN 3122

รุ่น	ขนาด			G.W.	ราคา
34703	5 in	6	72	16.9 kg	310

- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ข้ออ่อนกลม

1/2" Drive Impact Universal Joint



ANSI B107.10M

รุ่น	ขนาด			G.W.	ราคา
34719	1/2 in	6	90	14 kg	420

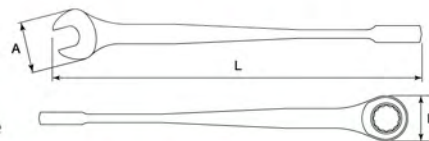
- For use with impact drivers
- Manufactured from Chrome Molybdenum material for increased strength and greater impact resistance
- Black finishing treatment for corrosion protection

ประแจแหวนข้างเกียร์ปากตาย X-Beam®

Metric XL X-Beam® Ratcheting Wrenches



- Surface Drive® provides a stronger grip on fasteners and reduces fastener rounding
- Powerful - Torque output increase by 25%
- Up to a 500% increase on surface contact area (vs. a standard handle wrench) to reduce hand fatigue



รุ่น	ขนาด	End A Width	End B Width	Overall Length			G.W.	ราคา
46301	8 mm	20 mm	18.5 mm	151 mm	6	96	4.9 kg	370
46302	9 mm	20.3 mm	19.6 mm	165 mm	6	96	6 kg	370
46303	10 mm	22.7 mm	22 mm	181 mm	6	96	7.4 kg	380
46305	12 mm	27 mm	25.3 mm	207.8 mm	6	96	11.1 kg	450
46306	13 mm	29 mm	27.4 mm	220.8 mm	6	72	9.6kg	460
46307	14 mm	32 mm	29 mm	235.8 mm	6	72	11.7 kg	480
46310	17 mm	38.5 mm	35 mm	276 mm	6	36	9.5 kg	580
46312	19 mm	42 mm	37 mm	306 mm	6	36	12.6 kg	650

Double Ratcheting



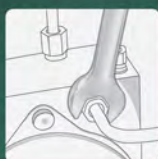
Ratcheting open end allows ratcheting of nuts and bolts without removing wrench from fastener, making jobs faster and easier

The patented broached opening and pin mechanism glide around a fastener gripping it securely in four places



Ratcheting function at both Box End and Open End for speed and productivity.

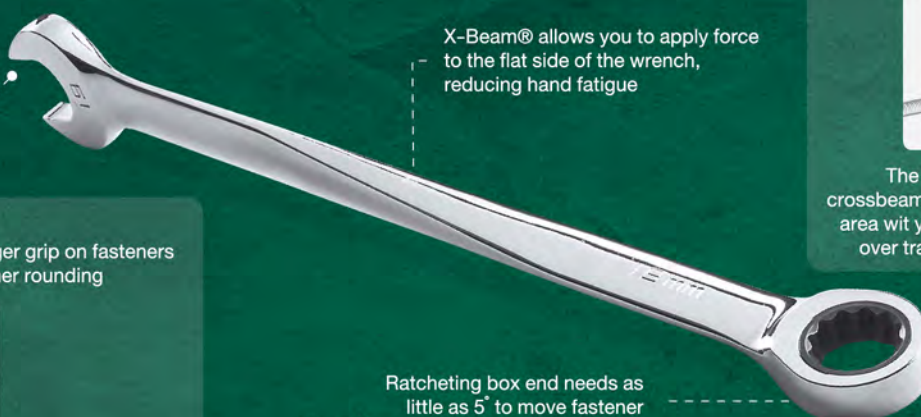
Surface Drive® reduces fastener rounding



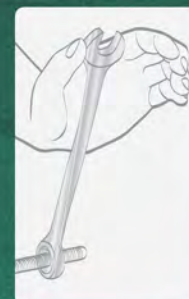
Sleek head design enables access to tight spots where a ratchet will not fit.

Ratcheting box end needs as little as 5° to move fastener VS. 30° for standard box end wrenches

XL X-Beam®



X-Beam® allows you to apply force to the flat side of the wrench, reducing hand fatigue



The wider, super-strong crossbeam increases contact area with your hand by 500% over traditional wrenches.

Surface Drive® reduces fastener rounding

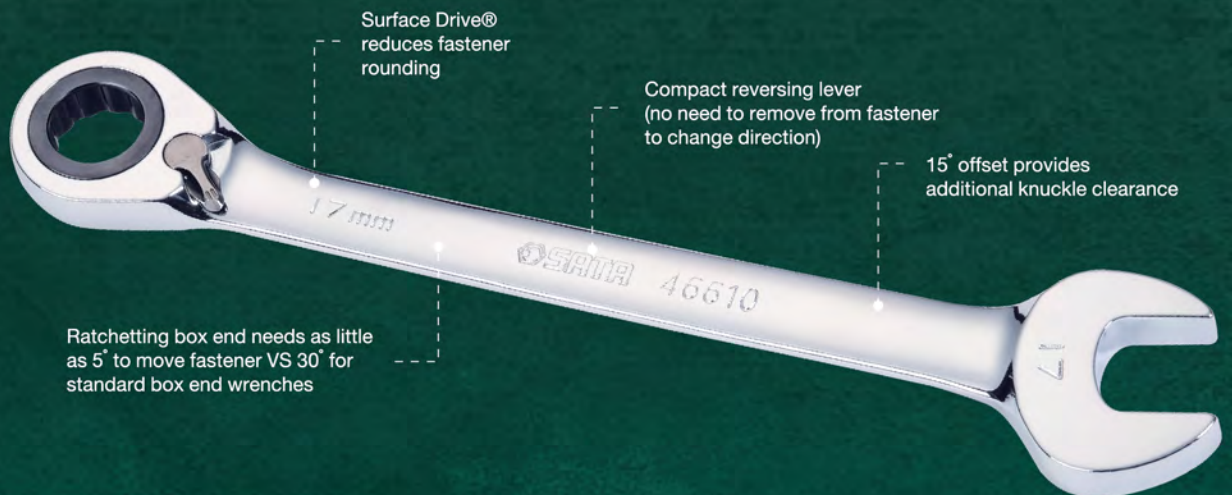


Surface Drive®

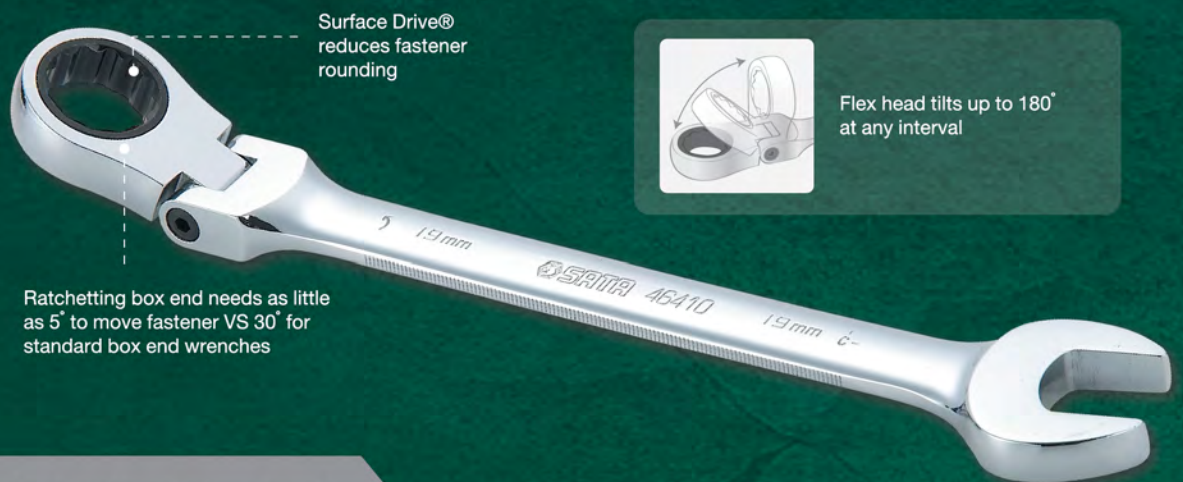
- Provides stronger grip on fasteners
- Reduces fastener rounding

Ratcheting box end needs as little as 5° to move fastener VS. 30° for standard box end wrenches

Reversible



Flex Head



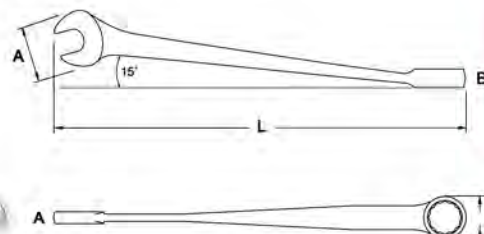
XL Locking Flex Head



- Surface Drive®
- Provides stronger grip on fasteners
 - Reduces fastener rounding

ประแจหัววงข้างปากตาย X-Beam®

Metric XL X-Beam® Combination Wrenches

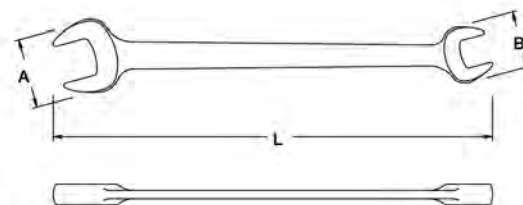


รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
40281	8 mm	18.5 mm	13.6 mm	147 mm	6	96	4.2 kg	160
40282	9 mm	20.5 mm	15 mm	158 mm	6	96	5.6 kg	160
40283	10 mm	23.2 mm	16.1 mm	166 mm	6	96	6.4 kg	160
40284	11 mm	25.5 mm	17.4 mm	185 mm	6	96	7.2 kg	190
40285	12 mm	27.5 mm	18.5 mm	196 mm	6	96	8.6 kg	190
40286	13 mm	28.5 mm	19.8 mm	206 mm	6	72	7.8 kg	230
40287	14 mm	32.5 mm	21.5 mm	222 mm	6	72	8.9 kg	230
40288	15 mm	33.5 mm	22.6 mm	232 mm	6	72	11.4 kg	230
40289	16 mm	35.5 mm	24 mm	242 mm	6	36	6.4 kg	270
40290	17 mm	38.5 mm	26 mm	260 mm	6	36	7.8 kg	270
40291	18 mm	39 mm	26.6 mm	269 mm	6	36	8.6 kg	320
40292	19 mm	42.5 mm	28 mm	278.7 mm	6	36	10.1 kg	320

- Made of premium Chrome Vanadium steel
- Bright, full polish chrome finish
- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Surface Drive Plus® on open end for stronger grip and reduced fastener rounding
- Hand and wrench contact area increased 5 times when operating (compared with conventional wrenches) for reduced hand fatigue
- Up to 25% longer to access hard-to-reach places

ประแจปากตาย

Metric Double Open End Wrenches



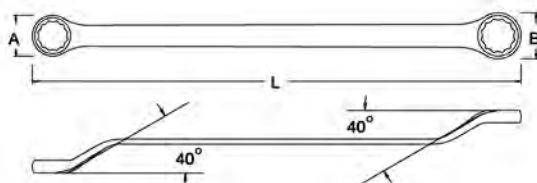
- Made of premium Chrome Vanadium steel
- Bright, full polish chrome finish

DIN 3110

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
41201	6x7 mm	12.5 mm	16.5 mm	124 mm	6	96	4.4 kg	90
41202	8x10 mm	16.5 mm	20.8 mm	150 mm	6	36	2.5 kg	120
41217	9x11 mm	20.8 mm	23 mm	150 mm	6	36	2.7 kg	120
41203	10x12 mm	20.8 mm	25 mm	163 mm	6	36	2.9 kg	120
41204	11x13 mm	23 mm	27 mm	175 mm	6	36	3.5 kg	120
41205	12x14 mm	25 mm	29 mm	187 mm	6	36	4 kg	130
41218	13x15 mm	27 mm	33.4 mm	182 mm	6	36	4.3 kg	150
41206	14x17 mm	29 mm	35.5 mm	201 mm	6	36	5.4 kg	180
41207	17x19 mm	35.5 mm	39.7 mm	228 mm	6	36	6.1 kg	190
41208	19x21 mm	39.7 mm	43.8 mm	240 mm	4	24	6.3 kg	210
41209	21x23 mm	43.8 mm	48 mm	262 mm	4	24	8.4 kg	240
41210	22x24 mm	46 mm	50 mm	285 mm	4	24	9.6 kg	340
41211	23x26 mm	48 mm	54.3 mm	300 mm	4	24	10.1 kg	370
41212	24x27 mm	48 mm	54.3 mm	300 mm	4	24	10.8 kg	370
41213	30x31 mm	62 mm	66.8 mm	310 mm	4	24	16.5 kg	500
41220	27x30 mm	56.4 mm	62.5 mm	290 mm	4	24	15.5 kg	400

ประแจหัวทวน

Metric Offset Double Box End Wrenches



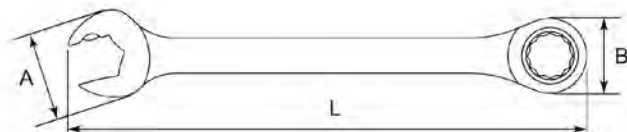
DIN 838

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
42213	6x7 mm	11.3 mm	13.5 mm	165 mm	6	36	2.8 kg	210
42201	8x10 mm	14 mm	16 mm	185 mm	6	36	3.4 kg	210
42202	10x12 mm	16.2 mm	18.4 mm	196 mm	6	36	4 kg	240
42203	11x13 mm	18.4 mm	20.7 mm	205 mm	6	36	4.4 kg	250
42204	12x14 mm	19.8 mm	21.8 mm	220 mm	6	36	5.4 kg	250
42223	13x15 mm	22.5 mm	24.8 mm	235 mm	6	36	5.7 kg	250
42205	14x17 mm	22.7 mm	25.7 mm	235 mm	6	36	6 kg	300
42206	17x19 mm	28 mm	32 mm	270 mm	4	24	7.2 kg	360
42207	19x21 mm	28 mm	32 mm	270 mm	4	24	7.2 kg	420
42220	19x22 mm	28 mm	32 mm	270 mm	4	36	7.4 kg	460
42208	21x23 mm	30.5 mm	33 mm	290 mm	4	24	8.3 kg	420
42209	22x24 mm	32 mm	34 mm	320 mm	4	24	10.2 kg	470
42210	23x26 mm	34 mm	39 mm	360 mm	4	24	12.1 kg	470
42211	24x27 mm	34 mm	39 mm	360 mm	4	24	12.1 kg	560

- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Bright, full polish chrome finish
- Made of premium Chrome Vanadium steel

ประแจหัวทวนข้างเกียร์ปากตาย

Metric Double Ratcheting Wrenches



* These sizes are with standard (non-ratcheting) open end.

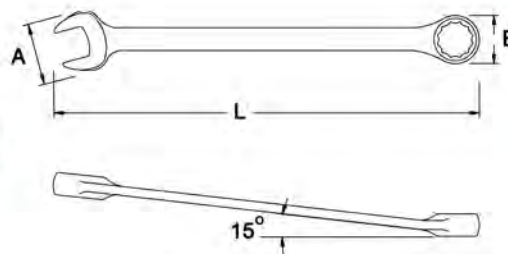
ASME B107.100-2010 (B107.66)

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Overall Length			G.W.	ราคา
43604	8 mm	20 mm	19 mm	140 mm	4	96	5.5 kg	270
43605	9 mm	20.3 mm	19.7 mm	150 mm	2	96	6 kg	300
43606	10 mm	22.5 mm	21.4 mm	159 mm	2	96	7.1 kg	310
43607	11 mm	25 mm	23 mm	165.5 mm	6	36	3.3 kg	350
43608	12 mm	27.4 mm	24.5 mm	172 mm	6	36	3.7 kg	350
43609	13 mm	30 mm	26.5 mm	178 mm	6	36	4 kg	370
43610	14 mm	32 mm	28.6 mm	191 mm	6	36	4.8 kg	380
43611	15 mm	34.5 mm	30 mm	200 mm	6	36	5.6 kg	420
43612	16 mm	35 mm	32 mm	209 mm	6	36	5.9 kg	450
43613	17 mm	38.5 mm	33.5 mm	226 mm	6	36	6.9 kg	460
43614	18 mm	40.5 mm	34.6 mm	237 mm	6	36	7.7 kg	500
43615	19 mm	43 mm	37 mm	248 mm	6	36	8.8 kg	540
43616	21 mm	46 mm	42 mm	292 mm	6	24	9.8 kg	630
43617	22 mm	46 mm	42 mm	292 mm	6	24	9.8 kg	690
43618	24 mm	52.2 mm	49 mm	334 mm	6	16	9.2 kg	860
43619	25 mm	52.2 mm	49 mm	334 mm	4	16	9.3 kg	990
43217*	27 mm	56.4 mm	52.5 mm	359 mm	4	16	12.2 kg	1,380
43218*	30 mm	62 mm	58.5 mm	402 mm	4	12	10.5 kg	1,660
43219*	32 mm	65.6 mm	62 mm	426 mm	4	12	12.2 kg	1,830

- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Bright, full polish chrome finish
- Made of premium Chrome Vanadium steel

ประแจแหว่งข้างปากตาย

Metric Combination Wrenches



- Surface Drive® on box end provides off-corner loading for better grip and reduced fastener rounding
- Bright, full polish chrome finish
- Made of premium Chrome Vanadium steel

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
40233	5.5 mm	13 mm	11.4 mm	127 mm	6	96	4.4 kg	110
40201	6 mm	13 mm	11.4 mm	127 mm	6	96	4.4 kg	130
40202	7 mm	13 mm	12.3 mm	133 mm	6	96	4.4 kg	130
40203	8 mm	16.5 mm	13.6 mm	140 mm	6	96	4.8 kg	130
40204	9 mm	18.5 mm	15 mm	149 mm	6	36	2.4 kg	150
40205	10 mm	20.5 mm	16 mm	159 mm	6	36	2.7 kg	150
40206	11 mm	22.5 mm	17.5 mm	165 mm	6	36	2.8 kg	180
40207	12 mm	25 mm	18.5 mm	171 mm	6	36	3.2 kg	180
40208	13 mm	27 mm	20 mm	177 mm	6	36	3.6 kg	190
40209	14 mm	29 mm	21.5 mm	190 mm	6	36	4.1 kg	210
40210	15 mm	31 mm	22.5 mm	199 mm	6	36	5.0 kg	210
40211	16 mm	33 mm	24 mm	208 mm	6	36	5.5 kg	240
40212	17 mm	35 mm	26 mm	225 mm	6	36	5.9 kg	250
40213	18 mm	37 mm	26.6 mm	237 mm	6	36	6.8 kg	270
40214	19 mm	39 mm	28 mm	248 mm	6	36	7.5 kg	300
40215	20 mm	42 mm	30 mm	265 mm	6	24	7.2 kg	300
40216	21 mm	43 mm	31 mm	271 mm	6	24	7.2 kg	310
40217	22 mm	45.3 mm	32 mm	293 mm	4	24	8.4 kg	340
40218	23 mm	47.5 mm	33 mm	304 mm	6	24	9.4 kg	370
40219	24 mm	49 mm	34 mm	316 mm	6	24	9.5 kg	420
40220	25 mm	51 mm	37.5 mm	335 mm	6	24	9.2 kg	540
40221	27 mm	54 mm	39 mm	348 mm	4	16	9.8 kg	620
40222	30 mm	66 mm	43 mm	359 mm	2	12	9.6 kg	670
40223	32 mm	66.5 mm	46 mm	426 mm	2	12	10 kg	670
40241	34 mm	71 mm	50 mm	476 mm	2	12	12.3 kg	780
40244	38 mm	79 mm	55.5 mm	501 mm	2	8	14 kg	1,030
40246	42 mm	86.5 mm	61 mm	578 mm	2	8	18.8 kg	1,350

ประแจแหว่งเกียร์หัวงอปากตาย

Full Polish Flex Ratcheting Wrench 10MM



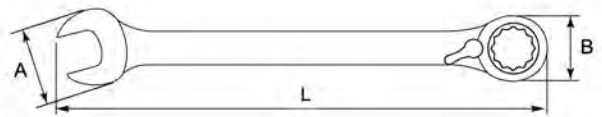
- Serrated beam allows you to feel which way to pull
- Surface Drive® reduces fastener rounding
- Flex head tilts up to 180 degree at any interval

ASME B107.100-2010 (B107.66)

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
46401	10 mm	22.5 mm	22 mm	161 mm	6	36	2.8 kg	420
46403	12 mm	27 mm	25 mm	174 mm	6	36	4.2 kg	480
46404	13 mm	30 mm	27.4 mm	181 mm	6	36	4.7 kg	520
46405	14 mm	32 mm	28.8 mm	193 mm	6	36	5.4 kg	540
46406	15 mm	34.5 mm	30.8 mm	202 mm	6	36	6.9 kg	590
46408	17 mm	38.5 mm	35 mm	227 mm	6	36	8.6 kg	650
46410	19 mm	42 mm	36.9 mm	249 mm	6	36	10.8 kg	740
46412	12 mm	46 mm	42 mm	292 mm	6	36	18.5 kg	870

ประแจหัวน้างเกียร์ปากตาย

Metric Reversible Ratcheting Wrenches



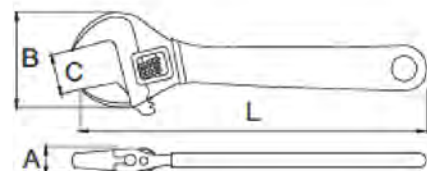
ASME B107.100-2010 (B107.66)

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
46601	8 mm	20 mm	18 mm	140 mm	6	96	2.1 kg	290
46602	9 mm	20 mm	19.6 mm	150 mm	6	36	2.3 kg	310
46603	10 mm	22.5 mm	21.6 mm	159 mm	6	36	2.6 kg	330
46604	11 mm	25 mm	23.5 mm	165 mm	6	36	3.3 kg	360
46605	12 mm	27 mm	25 mm	172 mm	6	36	3.6 kg	410
46606	13 mm	30 mm	27 mm	178 mm	6	36	4 kg	410
46607	14 mm	32 mm	28.5 mm	191 mm	6	36	4.7 kg	410
46608	15 mm	34.5 mm	31 mm	200 mm	6	36	5.4 kg	460
46609	16 mm	35 mm	33 mm	208 mm	6	60	9.4 kg	480
46610	17 mm	38.5 mm	34.5 mm	226 mm	6	60	10.9 kg	510
46611	18 mm	41 mm	36 mm	236 mm	6	60	12 kg	530
46612	19 mm	42 mm	42 mm	248 mm	6	60	12.6 kg	580

- Ratcheting box end needs as little as 5 degree to move fastener VS. 30 degree for standard box end wrenches
- Surface Drive® reduces fastener rounding
- 15 degree offset provides additional knuckle clearance
- Compact reversing lever (no need to remove from fastener to change direction)

ประแจเลื่อน

Adjustable Wrenches



- Wide handle for improved comfort and better leverage
- Wide opening jaw for greater capacity and allows each tool to work with more fastener sizes
- Larger knurl for smoother operation
- Hex jaw design reduces slippage and tightly grips bolt

DIN 3117

รุ่น	ขนาด	Length	High	Jaw Capacity			G.W.	ราคา
47201	4 in	100 mm	31.1 mm	12.7 mm	4	24	2.1 kg	290
47202	6 in	150 mm	52.7 mm	23.8 mm	6	36	6.2 kg	310
47203	8 in	200 mm	63 mm	28.5 mm	6	36	10.5 kg	320
47204	10 in	250 mm	74 mm	33.3 mm	6	48	18.2 kg	420
47205	12 in	300 mm	90 mm	38.1 mm	3	18	14.4 kg	560
47206	15 in	375 mm	106 mm	42.8 mm	2	6	8.9 kg	970

ประแจเลื่อน

Adjustable Wrenches



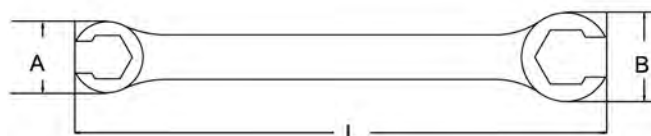
- Pearl nickel plated surface for corrosion resistance and aesthetics
- Injection-moulded handle for firm holding
- Laser scale indicator, making opening size more intuitive
- CNC machine tool processing with more smooth operation
- Special heat treatment for the head, with higher strength and wear resistance

ANSI B107.10M DIN 3123

รุ่น	ขนาด	Maximum Opening			G.W.	ราคา
47249	6 in	12.8 mm	6	240	14.5 kg	370
47250	8 in	19.2 mm	6	144	20.4 kg	420
47251	10 in	24 mm	6	72	19.7 kg	560

ประแจหกเหลี่ยม

Metric Flare Nut Wrenches



- Made of Chrome Vanadium steel

DIN 3118

รุ่น	ขนาด	Dim. A: Drive End	Dim. B: Wrench End	Dim. C: Overall Length			G.W.	ราคา
48200	8x10 mm	17.3 mm	21 mm	140 mm	6	36	3.3 kg	160
48201	9x11 mm	19.4 mm	22.2 mm	152 mm	6	36	3.6 kg	160
48204	10x12 mm	21 mm	23.4 mm	166 mm	6	36	7.3 kg	190
48202	13x14 mm	24.9 mm	26.1 mm	178 mm	6	36	4 kg	190
48203	16x17 mm	27.5 mm	30.5 mm	193 mm	6	36	5.6 kg	230

ประแจตัวที

T-Handle 6 Point Socket Wrench



- Socket made of Chrome Vanadium alloy steel

รุ่น	ขนาด	Overall Length			G.W.	ราคา
47701	8 mm	310 mm	6	36	10.6 kg	310
47702	9 mm	310 mm	6	36	10.6 kg	310
47703	10 mm	308 mm	6	36	10.6 kg	310
47704	11 mm	308 mm	6	36	11.8 kg	310
47705	12 mm	308 mm	6	36	11.8 kg	310
47706	13 mm	310 mm	6	36	15.7 kg	350
47707	14 mm	310 mm	6	36	15.7 kg	350
47710	17 mm	313 mm	6	12	7.6 kg	420
47712	19 mm	313 mm	6	12	7.6 kg	450

ประแจขันท่อ

Heavy Duty Pipe Wrench



- Forged jaw, featuring easing spinning adjusting nut
- Made of Chrome Vanadium steel for strength and durability

รุ่น	Size	Jaw Capacity	Overall Length	Head Thickness			G.W.	ราคา
70813	13 in	30 mm	250 mm	30 mm	6	24	18.9 kg	620
70814	12 in	40 mm	300 mm	30 mm	6	12	14.5 kg	690
70815	14 in	50 mm	350 mm	35 mm	6	12	20.7 kg	780
70816	18 in	60 mm	450 mm	38 mm	3	6	15.3 kg	970
70817	24 in	75 mm	600 mm	40 mm	2	4	16 kg	1,710
70818	36 in	85 mm	900 mm	55 mm	1	2	19.3 kg	3,560

VDE Insulated Screwdriver

1000V



SATA
MADE TO
CHALLENGE

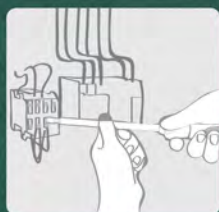
* Blade is made of high performance Chrome Vanadium Molybdenum alloy steel, fully harden and tempered to provide maximum strength and durability

* Individually tested to 10,000 volts and rate up to 1000 volts for safety. Meet DIN standards and GS / VDE certified

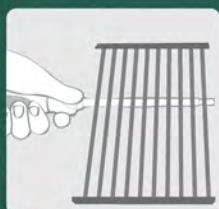
* Ergonomic dual material (PP+TPR) handle for comfort and strength. O and solvent resistant



Every single handle is individually tested for maximum safety performance.



Suitable for working on live circuits of 1000V.



Slim tip design accesses fasteners in tight areas faster and easier.



Always clean the tools after usage. It is important to keep the tools clean and dry both in use and when storing the tools. Check the tools on a regular basis and if there is any sign of damage or wear on insulation layer, the tool should be replaced.

G Series VDE ไทคองเกด

G-Series VDE Insulated Screwdrivers - Phillips



- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Meet DIN standard and GS/ VDE certified
- Individually tested to 10,000 volts and rated up to 1000 volts for safety
- Blade is made of high performance Chrome Vanadium Molybdenum alloy steel, fully harden and tempered for superior strength and durability

DVE
1000V



ANSI B107.15 DIN 5264

รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
61211	#0	60.0 mm	148 mm	25.0 mm	12	500	18.9 kg	450
61212	#1	80.0 mm	188 mm	25.0 mm	12	280	20.4 kg	500
61213	#2	100.0 mm	208 mm	34.0 mm	12	220	20.2 kg	570

G Series VDE ไฉฉวออส

G-Series VDE Insulated Screwdrivers - Slotted



- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Meet DIN standard and GS/ VDE certified
- Individually tested to 10,000 volts and rated up to 1000 volts for safety
- Blade is made of high performance Chrome Vanadium Molybdenum alloy steel, fully harden and tempered for superior strength and durability



ANSI B107.15 DIN 5264

รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
61311	2.5 mm	75.0 mm	163.0 mm	25.0 mm	12	500	18.2 kg	430
61312	3.0 mm	100.0 mm	188.0 mm	25.0 mm	12	500	20.1 kg	470
61313	4.0 mm	100.0 mm	208.0 mm	25.0 mm	12	280	20.1 kg	500

T Series VDE ไฉฉวออส

T-Series VDE Insulated Screwdrivers - Phillips



- Ergonomic dual material handle for comfort and strength. Oil and solvent resistant
- Blade is made of S2 steel, fully harden and tempered for superior strength and durability
- VDE certified
- For use in high voltage areas, up to 1000V alternating current



ANSI B107.15 DIN 5264

รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
61221	#0	60.0 mm	147 mm	25.0 mm	12	48	1.9 kg	230
61222	#1	80.0 mm	188 mm	25.0 mm	12	48	3.5 kg	250
61223	#2	100.0 mm	220 mm	34.0 mm	12	48	5.3 kg	270
61224	#3	150.0 mm	280 mm	38.0 mm	6	24	4.9 kg	300

T Series VDE ไฉฉวออส

T-Series VDE Insulated Screwdrivers - Slotted



- Ergonomic dual material handle for comfort and strength. Oil and solvent resistant
- Blade is made of S2 steel, fully harden and tempered for superior strength and durability
- VDE certified
- For use in high voltage areas, up to 1000V alternating current



รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
61321	2.5 mm	75.0 mm	163 mm	25.0 mm	12	48	1.9 kg	230
61322	3.0 mm	100.0 mm	187 mm	25.0 mm	12	48	2.2 kg	270
61323	4.0 mm	100.0 mm	205 mm	31.0 mm	12	48	3.5 kg	270
61324	5.5 mm	125.0 mm	245 mm	35.0 mm	12	48	6.3 kg	290
61325	6.5 mm	125.0 mm	270 mm	35.0 mm	12	48	6.4 kg	300

ชุดเครื่องมือป้องกันไฟฟ้า

20Pc. 1/2" Dr. VDE Socket Set



ชุดเครื่องมือป้องกันไฟฟ้า

16Pc. 3/8" Dr. VDE Socket Set



รุ่น	กล่อง	G.W.	ราคา
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09267 2 8.7 kg 20,470

- 11Pc. 1/2" Dr. 6-Point Socket (10,11,12,13,14,17,19,22,24,27,32mm)
- 1Pc. 1/2" Dr. Professional Quick-Release Ratchets 250mm
- 1Pc. 1/2" Dr. Professional T-Shaped Handle 200mm
- 1Pc. 1/2" Dr. Professional Extension 125mm
- 1Pc. 1/2" Dr. Professional Extension 250mm
- 5Pc. 1/2" Dr. Hex Bits Socket (4,5,6,8,10mm)
- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Passed impact test, insulation layer adhesion test for safety and reliability
- Passed high and low temperature test with low temperature resistance of up to -40 degrees Celsius

รุ่น	กล่อง	G.W.	ราคา
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09268 2 4.6 kg 15,130

- 8Pc. 3/8" Dr. 6-Point Socket (8,10,12,13,14,17,19,22mm)
- 1Pc. 3/8" Dr. Professional Quick-Release Ratchets 200mm
- 1Pc. 3/8" Dr. Professional T-Shaped Handle 200mm
- 1Pc. 3/8" Dr. Professional Extension 150mm
- 1Pc. 3/8" Dr. Professional Extension 250mm
- 4Pc. 3/8" Dr. Hex Bits Socket (4,5,6,8mm)
- Certified by VDE and tested to 10,000 volts, meeting IEC/EN 60900 standard
- Passed impact test, insulation layer adhesion test for safety and reliability
- Passed high and low temperature test with low temperature resistance of up to -40 degrees Celsius

ชุดเครื่องมือสำหรับรถยนต์ 39 ชิ้น

39pcs Electrical Automotive Tool Set

- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,11,12,13,14,17,19mm)
- 1Pc. 3/8" Dr. VDE Insulated T-shaped Handle 200mm
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 125mm
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 4Pc. 3/8" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8mm)
- 7Pc. VDE Insulated Open End Wrench (7,8,10,12,13,14,17mm)
- 3Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0*60,#1*80,#2*100mm)
- 3Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5*75,4*100,5.5*125mm)
- 1Pc. G-Series VDE Insulated Circuit Tester 3*70mm
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 7Pc. VDE Insulated Torx® Hex Key (T10, T15, T20, T25, T27, T30, T40)



รุ่น	กล่อง	กล่อง	G.W.	ราคา
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09933 1 1 6.9 kg 28,190

ไขควงสลักหัว

Cushion Grip Reversible Screwdriver



- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Blade is made of S2 steel with overall heat treatment for durability
- Dual-sided reversible bit for flexibility

⚠ Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

ANSI B107.15 DIN 5264

รุ่น	Size	Shank Length	Overall Length	Maxi Handle Diameter	กล่อง	กล่อง	G.W.	ราคา
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66205 1 x 5 mm 150 mm 270 mm 35 mm 6 24 3.2 kg 270

T Series ไขควงแฉก

Cushion Grip Screwdrivers - Phillips



- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Magnetic tip for greater fastener control. Precision finished tip
- Blade is made of S2 steel, heat treated for uncompromising durability

ANSI B107.15 DIN 5262

รุ่น	Size	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
63507	#1	75 mm	180 mm	31 mm	12	48	3.4 kg	180
63508	#1	100 mm	205 mm	31 mm	12	48	3.6 kg	180
63509	#1	150 mm	255 mm	31 mm	6	36	3.3 kg	200
63510	#1	200 mm	305 mm	31 mm	12	24	2.3 kg	210
63512	#2	100 mm	217 mm	35 mm	12	48	5 kg	200
63513	#2	150 mm	267 mm	35 mm	12	48	5.6 kg	210
63514	#2	200 mm	317 mm	35 mm	12	48	6.2 kg	240

T Series ไขควงแฉก

Cushion Grip Screwdrivers - Slotted



- Ergonomic dual material (PP+TPR) handle for comfort and strength. Oil and solvent resistant
- Magnetic tip for greater fastener control. Precision finished tip
- Blade is made of S2 steel, fully hardened and tempered to provide maximum strength and durability

ANSI B107.15 DIN 5265

รุ่น	Size	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
63407	5 mm	75 mm	180 mm	31 mm	12	48	3.5 kg	180
63408	5 mm	100 mm	205 mm	31 mm	12	48	3.7 kg	180
63409	5 mm	150 mm	255 mm	31 mm	6	36	3.2 kg	200
63413	6 mm	150 mm	267 mm	35 mm	12	48	5.6 kg	210
63414	6 mm	200 mm	317 mm	35 mm	6	36	4.9 kg	240

T Series ไขควงตอกแฉก

Cushion Grip Go-Through Screwdrivers - Slotted



- Hex shank for better strength
- Go-Through design for "tapping" the head of the screw

ANSI B107.15 DIN5264


รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
61603	6.0 mm	100.0 mm	220 mm	34.0 mm	6	48	7.3 kg	200
61605	6.0 mm	150.0 mm	269 mm	34.0 mm	6	48	8 kg	270
61606	8.0 mm	150.0 mm	80 mm	38.0 mm	6	48	11.7 kg	300
61607	8.0 mm	200.0 mm	330 mm	38.0 mm	6	48	12.8 kg	320
61608	8.0 mm	250.0 mm	380 mm	38.0 mm	6	48	14 kg	350

T Series ไขควงตอกแฉก

Cushion Grip Go-Through Screwdrivers - Phillips



- Hex shank for better strength
- Go-Through design for "tapping" the head of the screw

ANSI B107.15 DIN5264



รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
61703	#2	100.0 mm	220.0 mm	34.0 mm	6	48	7.4 kg	200
61705	#2	150.0 mm	269.0 mm	34.0 mm	6	48	8 kg	270
61706	#3	150.0 mm	280.0 mm	38.0 mm	6	24	5.9 kg	300
61707	#3	200.0 mm	330.0 mm	38.0 mm	6	24	6.5 kg	320
61708	#3	250.0 mm	380.0 mm	38.0 mm	6	24	7.1 kg	360

A Series ไขควงแฉก

Acetate Screwdrivers - Slotted



ANSI B107.15 DIN 5265

รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
62202	3.2	75.0 mm	146 mm	23.0 mm	12	144	4.8 kg	90
62204	3.2	150.0 mm	221 mm	23.0 mm	12	576	23.3 kg	120
62207	5.0	75.0 mm	165 mm	28.0 mm	12	300	19 kg	140
62208	5.0	100.0 mm	190 mm	28.0 mm	12	300	20.4 kg	150
62209	5.0	150.0 mm	240 mm	28.0 mm	12	240	17.8 kg	150
62210	5.0	200.0 mm	290 mm	28.0 mm	12	240	20.7 kg	190
62211	6.0	38.0 mm	99 mm	35.0 mm	12	288	19.8 kg	120
62212	6.0	100.0 mm	202 mm	32.0 mm	12	144	14.2 kg	160
62214	6.0	200.0 mm	312 mm	32.0 mm	12	144	17.9 kg	210
62216	8.0	150.0 mm	260 mm	35.0 mm	6	120	20 kg	240

A Series ไขควงแฉก

Acetate Screwdrivers - Phillips



ANSI B107.15 DIN 5262

รุ่น	ขนาด	Shank Length	Overall Length	Maxi Handle Diameter			G.W.	ราคา
62302	#0	75.0 mm	146 mm	23.0 mm	12	600	18.2 kg	100
62307	#1	75.0 mm	166 mm	28.0 mm	12	300	19.1 kg	150
62308	#1	100.0 mm	190 mm	28.0 mm	12	300	20.5 kg	150
62309	#1	150.0 mm	240 mm	28.0 mm	12	240	18.6 kg	150
62310	#1	200.0 mm	288 mm	28.0 mm	12	240	20.1 kg	190
62311	#2	38.0 mm	99 mm	35.0 mm	12	288	19.5 kg	150
62312	#2	100.0 mm	202 mm	32.0 mm	12	144	14.3 kg	160
62313	#2	150.0 mm	250 mm	32.0 mm	12	144	16 kg	190
62314	#2	200.0 mm	312 mm	32.0 mm	12	144	17.9 kg	210
62316	#3	150.0 mm	260 mm	35.0 mm	6	120	20.2 kg	240

คีมล็อคปากโค้ง

Curved Jaw Locking Pliers



- Nickel-plated finish resists rust and corrosion
- Angled tooth pattern for better grip
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip

FederalGGG-W-00649

รุ่น	ขนาด	Overall Length	Jaw Thickness	Jaw Capacity			G.W.	ราคา
71103	10 in	224 mm	9.7 mm	63 mm	6	36	21.7 kg	670

คีมล็อคปากโค้ง

Quick Release Curved Jaw Locking Pliers



- Wide adjustable screw for adjusting the jaw opening and locking pressure
- Textured non-slip two-tone grips for working comfort
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip

FederalGGG-W-00649

รุ่น	ขนาด	Overall Length	Jaw Thickness	Jaw Capacity			G.W.	ราคา
71107	10 in	226 mm	12 mm	63 mm	6	36	24.6 kg	1,050

คีมล็อคปากตรง

Straight Jaw Locking Pliers



- Nickel-plated finish resists rust and corrosion
- Angled tooth pattern for better grip
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip

FederalGGG-W-00649

รุ่น	ขนาด	Overall Length	Jaw Thickness	Jaw Capacity			G.W.	ราคา
71203	10 in	224 mm	16.0 mm	57 mm	6	36	22.9 kg	730

คีมล็อคปากแหลม

Long Nose- Easy Released Type



- Nickel-plated finish resists rust and corrosion
- Angled tooth pattern for better grip
- Jaw made of Chrome Molybdenum alloy steel and body made of high alloy steel for exceptional strength and durability
- Compound action for powerful non-slip locking grip

FederalGGG-W-00649

รุ่น	ขนาด	Overall Length	Jaw Capacity			G.W.	ราคา
71306	9 in	203 mm	86 mm	6	36	18.1 kg	1,160

คีมล็อกปากตัวซี

C-Clamps Locking Pliers



- Wide adjustable screw for adjusting the jaw opening
- Nickel-plated finish for rust resistance
- Jaw made of forged carbon steel and body made of high quality alloy steel for exceptional strength and durability

รุ่น	ขนาด	Overall Length	Jaw Thickness	Jaw Capacity	Jaw Width	Jaw Depth			G.W.	ราคา
71601	11 mm	280 mm	12.7 mm	93 mm	139.7 mm	78 mm	6	96	10.9 kg	1,340

คีมล็อกโซ่

Chain Clamp Locking Pliers



- Wide adjustable screw for adjusting the jaw opening
- Nickel-plated finish for rust resistance
- Jaw made of forged carbon steel and body made of high quality alloy steel for exceptional strength and durability

รุ่น	ขนาด	Overall Length	Jaw Thickness	Jaw Width	Chain Length			G.W.	ราคา
71701	19 in	213 mm	5.8 mm	60.7 mm	485 mm	6	12	8.1 kg	1,220

คีมต่างแหวนปากตรง

External Snap Ring Pliers, Straight



- Anti-rust black finishing
- Made of strong and durable tempering alloy steel

Dia.(±0.2)(mm)
Ø1.7

รุ่น	ขนาด	Circlip	Overall Length			G.W.	ราคา
72001	7 in	16-60 mm	175 mm	6	36	7.9 kg	590

คีมต่างแหวนปากงอ

External Snap Ring Pliers, Curved



- Anti-rust black finishing
- Made of strong and durable tempering alloy steel

Dia.(±0.2)(mm)
Ø1.7

รุ่น	ขนาด	Circlip	Overall Length			G.W.	ราคา
72002	7 in	16-60 mm	175 mm	6	36	8.1 kg	590

คีมถอดแหวนปากตรง

Internal Snap Ring Pliers, Straight



- Anti-rust black finishing
- Made of strong and durable tempering alloy steel

Dia.(±0.2)(mm)
Ø1.7

รุ่น	ขนาด	Circlip	Overall Length			G.W.	ราคา
72004	7 in	16-60 mm	175 mm	6	36	7.9 kg	590

คีมถอดแหวนปากงอ

Internal Snap Ring Pliers, Curved



- Anti-rust black finishing
- Made of strong and durable tempering alloy steel

Dia.(±0.2)(mm)
Ø1.7

รุ่น	ขนาด	Circlip	Overall Length			G.W.	ราคา
72005	7 in	16-60 mm	175 mm	6	96	4.9 kg	590

คีมถ่างแหวนปากตรง สไตล์เยอรมัน

German Style External Snap Ring Pliers, Straight



- Made of Chrome Vanadium steel for durability

Cat. No.	Size	Dia.(±0.2)(mm)
72011	5"	1.25
72012	7"	1.75

รุ่น	ขนาด	Circlip	Overall Length	Overall Width			G.W.	ราคา
72011	5 in	10-18 mm	142 mm	50 mm	6	36	6.4 kg	290
72012	7 in	19-60 mm	175 mm	51 mm	6	36	7.8 kg	310

คีมถ่างแหวนปากงอ สไตล์เยอรมัน

German Style External Snap Ring Pliers, Curved



Cat. No.	Size	Dia.(±0.2)(mm)
72021	5"	1.25
72022	7"	1.75



- Made of Chrome Vanadium steel for durability

DIN 5224

รุ่น	ขนาด	Circlip	Overall Length	Overall Width			G.W.	ราคา
72021	5 in	10-18 mm	134 mm	50 mm	6	36	6.4 kg	290
72022	7 in	19-60 mm	163 mm	51 mm	6	36	7.8 kg	310

คีมถอดแหวนปากตรง สไตลเยอรมัน

German Style Internal Snap Ring Pliers, Straight



Cat. No.	Size	Dia.(±0.2)(mm)
72031	5"	1.25
72032	7"	1.75

- Made of Chrome Vanadium steel for durability



DIN 2524

รุ่น	ขนาด	Circlip	Overall Length	Overall Width			G.W.	ราคา
72031	5 in	10-18 mm	141 mm	50 mm	6	36	5.6 kg	290
72032	7 in	19-60 mm	180 mm	51 mm	6	36	7.4 kg	310

คีมถอดแหวนปากงอ สไตลเยอรมัน

German Style Internal Snap Ring Pliers, Curved



Cat. No.	Size	Dia.(±0.2)(mm)
72041	5"	1.25
72042	7"	1.75

- Made of Chrome Vanadium steel for durability



DIN 5254

รุ่น	ขนาด	Circlip	Overall Length	Overall Width			G.W.	ราคา
72041	5 in	10-18 mm	133 mm	51 mm	6	36	5.7 kg	290
72042	7 in	19-60 mm	169 mm	51 mm	6	36	7.4 kg	310

คีมตัดสาย

Wire and Cable Cutting Pliers



- For cutting vinyl coated or copper cable

Cat. No.	Size	Cutting Capacity (mm)
72501	6"	Ø9
72502	8"	Ø11

รุ่น	ขนาด	Overall Length			G.W.	ราคา
72501	6 in	150 mm	6	72	15.6 kg	830
72502	8 in	200 mm	6	36	13 kg	870

ประแจหกเหลี่ยมหัวบอล ด้ามตัวที

Metric T-Handle Ball Point Hex Keys



- Ergonomic non-slip grip delivers superior strength and ultimate comfort in use
- Key made of S2VCM+ material to provide 30% more torque than Cr-V material

รุ่น	ขนาด	Handle Length	Length			G.W.	ราคา
83105	2 mm	61.5 mm	129 mm	12	144	5.3 kg	170
83106	2.5 mm	61.5 mm	129 mm	12	144	5.6 kg	180
83107	3 mm	61 mm	128.5 mm	12	144	6.1 kg	190
83108	4 mm	60.5 mm	178 mm	12	144	8.3 kg	190
83110	5 mm	64 mm	178 mm	12	144	10.6 kg	210
83112	6 mm	88 mm	192 mm	12	72	10.3 kg	250
83113	7 mm	87.5 mm	241.5 mm	12	72	9.4 kg	270
83114	8 mm	87.5 mm	241.5 mm	12	72	15.7 kg	300
83116	10 mm	91 mm	241.5 mm	12	72	16.1 kg	360

ประแจวัดตอร์ค

VDE Insulated Torque Wrench



ANSI B107.10M DIN 3122

รุ่น	ขนาด	Overall Length		G.W.	ราคา	
96611	3/8"	10-50 Nm	285 mm	12	6.5 kg	29,250
96615	1/2"	20-100 Nm	390 mm	12	10 kg	48,900
96614	3/8"	20-100 Nm	390 mm	12	15 kg	48,900

คีมจมูกยาว VDE

VDE Insulated Long Nose Pliers

Cat. No.	Size	Cutting Capacity (mm)
70131	6"	Medium Hard Wire Ø1.6
70132	8"	Medium Hard Wire Ø1.6

- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety
- Nickel alloy plated finish for corrosion protection



ANSI B107.13 DIN 5236

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70131	6 in	170 mm	9 mm	15.5 mm	56 mm	6	24	5.1 kg	680
70132	8 in	212 mm	9 mm	16.5 mm	58.6 mm	6	60	15.6 kg	740

คีมปากเฉียงแบบฉนวน VDE

VDE Insulated Diagonal Pliers

Cat. No.	Size	Cutting Capacity (mm)
70232	6"	Medium Hard Wire Ø1.6
70233	7"	Medium Hard Wire Ø2.0

- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety
- Nickel alloy plated finish for corrosion protection



ANSI B107.11 DIN 5238

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70232	6 in	170 mm	9 mm	15.5 mm	56 mm	6	24	5.1 kg	740
70233	8 in	212 mm	9 mm	16.5 mm	58.6 mm	6	60	15.6 kg	760

คีมปากจิกจก VDE

VDE Insulated Diagonal Pliers

Cat. No.	Size	Cutting Capacity (mm)
70331	6"	Medium Hard Wire Ø1.6
70332	7"	Medium Hard Wire Ø2.0
70333	8"	Medium Hard Wire Ø2.0



- VDE certified. Meet IEC/EN 60900-2012 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety
- Nickel alloy plated finish for corrosion protection

ANSI B107.11 DIN 5238

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70331	6 in	171 mm	9.5 mm	26 mm	58 mm	6	60	15.7 kg	800
70332	7 in	184 mm	10 mm	28 mm	56 mm	6	48	16.2 kg	840
70333	8 in	212 mm	10 mm	30 mm	58 mm	6	24	9.9 kg	890

คีมคอบ้าแบบฉนวน 10" VDE

VDE Insulated Water Pump Pliers 10"



- Cr-V steel forged
- Body hardness HRC40~50
- Clamping range 0~36mm
- Germany VDE certification, pass 10000V insulated test, meet IEC/EN60900-2012 standard

ANSI B107.11 DIN 5238

รุ่น	Size	Overall Length			G.W.	ราคา
70145	10 in	255 mm	6	24	17 kg	1,720

คีมตัดสายไฟ 6" VDE

VDE Insulated End Cutting Nippers



- VDE certified. Meet IEC/EN 60900 standard
- Individually tested to 10,000V for working around live circuits up to 1000V AC
- Fully insulated ergonomic grips with slip guards for additional safety

ANSI B107.13 DIN 5236

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70141	6 in	170 mm	9 mm	24.6 mm	108.3 mm	6	36	9.3 kg	1,540

ประแจหกเหลี่ยม ด้ามตัวที

Metric T-Handle Hex Keys



- Ergonomic non-slip grip delivers superior strength and ultimate comfort in use
- Key made of SVCM+ material to provide 30% more torque than Cr-V material

รุ่น	ขนาด	Handle Length	Length			G.W.	ราคา
83305	2 mm	61.5 mm	129 mm	12	144	5.2 kg	180
83306	2.5 mm	61.5 mm	129 mm	12	144	5.6 kg	180
83307	3 mm	61 mm	128.5 mm	12	144	6.1 kg	190
83308	4 mm	60.5 mm	178 mm	12	144	8.3 kg	200
83310	5 mm	64 mm	178 mm	12	144	10.4 kg	230
83312	6 mm	88 mm	192 mm	12	72	10.4 kg	240
83313	7 mm	87.5 mm	241.5 mm	12	72	9.3 kg	250
83314	8 mm	87.5 mm	241.5 mm	12	72	15.8 kg	270
83316	10 mm	91 mm	241.5 mm	12	72	16.5 kg	310

คีมยกรีด

8" High Leverage Riveter



Includes four nosepieces, 2.4mm (3/32"), 3.2mm (1/8"), 4.0mm (5/32") and 4.8mm (3/16"), that can be easily removed and interchanged without any tool. Long, ergonomically designed handles to increase leverage.

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

ปืนยิงซิลิโคน

9" Caulking Gun



- High quality aluminum alloy handle, design for labor-saving
- Anti-Slip
- 360° rotating gun body, suitable for narrow space

 Not covered under Lifetime Warranty.

รุ่น	ขนาด			G.W.	ราคา
90501	8 in	1	10	6 kg	750

รุ่น	ขนาด			G.W.	ราคา
90510	9 in	-	12	9.6 kg	410

ปากกาตัวซี

C-Clamp



- Iron frame with steel screw and swivel, sliding pin handle
- Durable powder coated finish

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

รุ่น	ขนาด	Maxi Crimping Depth	Maxi Crimping Thickness	Overall Height	Overall Length	Overall Width			G.W.	ราคา
90433	3 in	48 mm	75 mm	9.2 mm	17.4 mm	17.9 mm	6	24	18 kg	400
90434	4 in	54 mm	100 mm	10.7 mm	21.6 mm	1.9 mm	4	16	18 kg	510
90435	6 in	70 mm	150 mm	12.9 mm	28.2 mm	2.1 mm	6	12	19 kg	800
90436	8 in	83 mm	200 mm	14.7 mm	34.3 mm	22.2 mm	1	8	18 kg	1,050

เหล็กดูดลูกปืน

2-Jaw Reversible Pullers



- Reversible jaws for internal and external applications
- Jaws are made of Chrome Vanadium steel with heat treatment to ensure durability

รุ่น	ขนาด	Overall Length	Jaw Capacity			G.W.	ราคา
90623	3 in	125 mm	75 mm	0	48	20.2 kg	900
90624	4 in	155 mm	100 mm	0	24	20.2 kg	1,340
90626	6 in	240 mm	150 mm	0	12	21.4 kg	2,160
90628	8 in	333 mm	200 mm	0	5	19 kg	3,840
90630	10 in	360 mm	250 mm	0	4	23.9 kg	4,260
90632	12 in	405 mm	300 mm	0	3	24.9 kg	5,530

เหล็กดูดลูกปืน

3-Jaw Reversible Pullers



- Reversible jaws for internal and external applications
- Jaws are made of Chrome Vanadium steel with heat treatment to ensure durability

รุ่น	ขนาด	Overall Length	Jaw Capacity			G.W.	ราคา
90633	3 in	125 mm	75 mm	0	24	14.5 kg	1,300
90634	4 in	155 mm	100 mm	0	18	20.1 kg	1,940
90636	6 in	240 mm	150 mm	0	8	20.9 kg	3,130
90638	8 in	325 mm	200 mm	0	4	21.6 kg	5,280
90640	10 in	340 mm	250 mm	0	3	25 kg	6,000
90642	12 in	385 mm	300 mm	0	2	22 kg	6,980

เหล็กดูดพูลเลย์

Crankshaft Timing Belt Pulley Puller



รุ่น			G.W.	ราคา
90664	0	24	15.2 kg	3,500

- Adjustable jaw opening from 40mm to 90mm to be compatible with most cars



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

ไฟฉายมัลติฟังก์ชัน

Multi-Function Flashlight



Optical Performance

- Flashlight : 250LM
- Worklight : 200LM
- Adjustable Brightness
- Holding the power button to adjust the brightness

Adjustable Stand

- 300° Adjustable Stand
- Magnetic Stand

Multi-function

- Warning Light
- Power Bank
- Widely used for repair/ inspection/outdoor lighting



6 month warranty except battery

รุ่น			G.W.	ราคา
90790	10	40	8 kg	1,590

โพน้าคาดหัว (แบตเตอรี่ AAA) โพน้าคาดหัว (แบตเตอรี่ลิเทียม) Dual Purpose Headlamp



- Dual LED design, suit for large area and detail lighting
- Memory mode function
- Sensor on/off switch function
- Detachable design, can be used as independent light source



Not covered under Lifetime Warranty.

รุ่น	SMDLED	COBLED	SMDCOB	Charging time			G.W.	ราคา
90901	250lm/2h 75lm/5h	180lm/3h	300lm/1.2h	-	6	72	15.6 kg	860
90902	250lm/2h 75lm/10h	180lm/6h	300lm/2.5h	about 3h	6	36	13 kg	1,320

โพลายออลูมิเนียมอัลลอยด์คาดหัว Portable aluminum alloy headlamp 140LM

- Aircraft-grade aluminum alloy housing
- Weighing only 118 grams for handiness, firmness and durability
- 2600mAh lithium battery
- Dual charging mode
- *Direct charge battery compartment
- *Taking battery out for charging
- Luminophor: American CREE high-power LED
- LED drive circuit:
- Linear constant current drive, without strobe or noise
- Six-gear (3+3) hidden dimming output with memory function
- *Three lighting modes: high, medium and low
- Maximum output: 140 lumens & 8 hours (high mode)
- Operating light endurance: no less than 26 hours
- Max. endurance: 120 h
- *Three hidden flashing modes: sharp-flash, positioning and SOS
- Drop resistance level: 1m; Waterproof grade: IP67; Waterproof immersion level: 1m
- Standard configuration
- Light, angle-adjustable and direct charge headlamp X1
- 18650 lithium-ion rechargeable battery X1
- Smart charger for lithium-ion battery with Ø 3.5 port X1*



Warranty of 12 months (excluding the battery)

รุ่น	Continuous lighting time(h)	Irradiation distance(m)	Light intensity(CD)	Falling distance(m)	Lumen(LM)	Waterproofing grade	G.W.	ราคา
90903	8 (high) /120 (low)	70	1225	1	140/50/10	IP67	2.4 kg	2,700

คีมย้าสายไฟ

Crimping Pliers for European Cable Terminals

AWG	Capacity
22-20	0.5-0.75MM ²
18-16	1-1.5MM ²
16-14	2.5MM ²
14-12	4MM ²
12-10	6MM ²



Crimp Shape:

- Adjustable locking mechanism easily controlled by pressing/releasing handle
- Made of carbon steel with fiberglass handle
- High accuracy connector crimping pin to moderately press connector on cable wire without damaging the connector



รุ่น	ขนาด	Overall Length	Jaw Width			G.W.	ราคา
91102	8 in	204 mm	67 mm	5	20	9.1 kg	2,580

คีมปอกสายไฟ

Self Adjusting Wire Stripper

- Attention: Take appropriate protections for first time users who are uncertain on how to adjust the cutting edge to the right place.

Wire Stripping Range
Single wire or flat cable of diameter from 0.5 to 6.0mm



รุ่น	ขนาด	Overall Length	Overall Width	Overall Width			G.W.	ราคา
71306	6.5 in	170 mm	18.5 mm	80 mm	6	36	6.4 kg	1,220

คีมย่ำสายไฟ

Wire Stripper with Cutter

Cat. No.	Size	AWG	Capacity
91201	6"	20-30	0.05-0.52 mm ²
91202	7"	10-22	0.52-5.26 mm ²



รุ่น	ขนาด	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
91201	6 in	155 mm	7.5 mm	51 mm	77 mm	6	48	8.6 kg	850
91202	7 in	183 mm	7.5 mm	60 mm	77 mm	6	48	9.8 kg	910

- Body is made of high carbon steel
- Plastic handle for comfortable use
- Circlip design for convenient storage
- Accurate wire stripping pin for easy cutting of the insulation layer without damaging the wire

คีมปอกสายไฟอัตโนมัติ

Automatic Wire Stripper



Cat. No.	Wire Capacity
91212	Ø0.5, 1.2, 1.6, 2.0 mm
91213	Ø1, 1.6, 2.6, 3.2 mm

รุ่น	ขนาด	Overall Length			G.W.	ราคา
91212	7 in	204 mm	6	24	6.4 kg	560

- In accordance to QB/T2207-1996 manufacturing standard
- Provide accurate wire stripping function without damaging the wire

Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

ค้อนก้ามปูด้ามจับไฟเบอร์กลาส

Fiberglass Handle Claw Hammer



รุ่น	ขนาด	Head Weight	Overall Length			G.W.	ราคา
05605	0.5 p	8 oz	297 mm	6	48		400
05606	1 p	16 oz	343 mm	6	48		490

ค้อนหัวกลมด้ามจับไฟเบอร์กลาส

Fiberglass Ball Pein Hammers



รุ่น	Head Weight	Head Weight	Overall Length			G.W.	ราคา
05615	0.5 p	8 oz	297 mm	6	48	–	400
05616	1 p	16 oz	343 mm	6	48	–	490

ค้อนหัวกลมด้ามไฟเบอร์กลาส

Fiberglass Ball Pein Hammers



Cat. No.	Size	AWG	Capacity
91201	6"	20-30	0.05-0.52 mm ²
91202	7"	10-22	0.52-5.26 mm ²

รุ่น	Head Weight	Head Weight	Overall Length			G.W.	ราคา
92302	454 g	16 oz	343 mm	4	8	6.6 kg	500
92303	680 g	24 oz	349 mm	4	8	8.6 kg	610
92304	910 g	32 oz	351 mm	4	8	11.5 kg	700

- Fiberglass handle provides solid grip and minimizes vibration
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact

ค้อนก้ามปูด้ามไฟเบอร์กลาส

Fiberglass Handle Claw Hammer



Cat. No.	Size	AWG	Capacity
91201	6"	20-30	0.05-0.52 mm ²
91202	7"	10-22	0.52-5.26 mm ²

รุ่น	Head Weight	Head Weight	Overall Length			G.W.	ราคา
92306	454 g	16 oz	330 mm	6	36	15.6 kg	560

- Fiberglass handle provides solid grip and minimizes vibration
- Unique embedding process to prevent hammer head from easily falling off
- Hammer head is made of high carbon steel to withstand strong impact

ค้อนหัวพลาสติก

Hickory Soft Face Hammers

- Durable hickory handle provides comfortable grip
- Aluminum alloy steel head with screw-in interchangeable soft-face / hard-face hammer tips for versatile jobs

 Plastic hammer head is not covered under Lifetime Warranty.



รุ่น	Head weight	Overall Width			G.W.	ราคา
92501	160 g	260	6	60	8.4 kg	540
92502	162 g	300	6	12	2.8 kg	650
92503	308 g	320	6	12	4.8 kg	890
92504	454 g	320	6	12	6.7 kg	1650
92505	778 g	385	4	8	8 kg	2150

ค้อนหัวยูริเทนไร้แรงสะท้อน

Dead Blow Hammers

- Made from industrial grade NBR material for oil, splits, abrasions and extreme cold temperature resistance
- Steel shot filled head deadens blows, minimizes/eliminates rebound, maximizes force and absorbs the shock of impact
- Soft face prevents marring of surfaces and equipment
- Rubber handle with texture and flang butt-end for improved grip

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



รุ่น	Head Weight	Overall Length			G.W.	ราคา
92901	400 g	260 mm	6	36	16.2 kg	1,130
92902	500 g	286 mm	6	24	15.4 kg	1,510
92903	1050 g	350 mm	4	16	18.3 kg	1,560
92904	1500 g	370 mm	2	12	20.5 kg	1,900

คีมตัดสายไฟ

Wire and Cable Cutter Pliers



กรรไกรตัดสายไฟเนกประสงค์

Powerful Multi-Purpose Electricians Scissors



รุ่น	ขนาด			G.W.	ราคา
93109	7 in	6	72	15.6 kg	650

 Not covered under Lifetime Warranty.

รุ่น			G.W.	ราคา
93125	1	10	6 kg	730

- Thickened titanium-plated blade for heavy-duty cutting
- Serrated cutter back capable of plastic tube boring
- Special jaw for cutting various wires
- Capable of clamping in the middle for tightening wire nut

 Not covered under Lifetime Warranty.

กรรไกรสำหรับงานหนัก Rubber Grip Heavy Duty Scissors



รุ่น			G.W.	ราคา
93126	4	24	6.1 kg	920

- Thickened titanium-plated blade for heavy-duty cutting
- Concealed spring facilitating operation and avoiding jamming
- Rubber-coated handle for comfort

Not covered under Lifetime Warranty.

กรรไกรแบบด้ามยาว General Long-Blade Scissors



รุ่น			G.W.	ราคา
93127	4	24	5 kg	560

- Lengthen the cutting edge, cutting more labor-saving
- Symmetrical handle, both right and left hands are convenient to use

Not covered under Lifetime Warranty.

กรรไกรอเนกประสงค์ Rubber Grip Long-Blade Scissors



รุ่น			G.W.	ราคา
93128	4	24	7.1 kg	810

- Thickened titanium-plated blade for heavy-duty cutting
- Offset handle keeping the handle above the material to be cut for safety
- Rubber-coated handle for comfort

Not covered under Lifetime Warranty.

ใบมีดคัตเตอร์ 10Ps. Spare Blades, Point, 25x125mm



รุ่น			G.W.	ราคา
93438	10	72	16 kg	310

- Made of SK2 material imported from Japan, being sharp and durable
- 10 blades in one package, 2 in black and 8 in silver
- Suitable for SATA 93483 box cutter

Not covered under Lifetime Warranty.

มีดคัตเตอร์ Rubber Grip Snap-Off Knife, 8-Point, 18x100mm



รุ่น			G.W.	ราคา
93482	12	72	9.2 kg	210

- The dual materials TPR/ABS handle
- The thickened stainless steel blade cover to provide higher strength
- Please use SATA 93433A.93737 blades made of Japanese imported SK2 material, which are sharp and durable

Not covered under Lifetime Warranty.

มีดคัตเตอร์อเนกประสงค์ Rubber Grip Snap-Off Knife, 7-Point, 25x125mm



รุ่น			G.W.	ราคา
93483	6	36	8.7 kg	370

- The dual materials TPR/ABS handle
- The thickened stainless steel blade cover to provide higher strength
- Please use SATA 93438 blades made of Japanese imported SK2 material, which are sharp and durable

Not covered under Lifetime Warranty.

มีดคัตเตอร์อเนกประสงค์สำหรับงานหนัก

Heavy Duty Utility Knife



กล่องเครื่องมือเหล็ก

14" Metal Tool Box



รุ่น			G.W.	ราคา
93485	8	48	10.8 kg	580

- Zinc alloy housing, TPR/ABS material handle
- 5 pieces of spare blades
- Please use SATA blades 93434A, 93435A made of Japanese imported material
- SK2, which makes them sharp and durable

 Not covered under Lifetime Warranty.

รุ่น	Width	Depth	Height		G.W.	ราคา
95101	360 mm	150 mm	115 mm	1	2 kg	1,330

- Lengthen the cutting edge, cutting more labor-saving
- Symmetrical handle, both right and left hands are convenient to use

คีมตัดเหล็ก

Bolt Cutter



Cat. No.	Size	Cutting Capacity (mm)
93504	18"	Low Carbon Steel $\varnothing 8(5/16")$, Medium Carbon Steel $\varnothing 6(1/4")$
93505	24"	Low Carbon Steel $\varnothing 10(3/8")$, Medium Carbon Steel $\varnothing 8(5/16")$
93506	30"	Low Carbon Steel $\varnothing 13(1/2")$, Medium Carbon Steel $\varnothing 10(3/8")$
93507	36"	Low Carbon Steel $\varnothing 16(5/8")$, Medium Carbon Steel $\varnothing 12(7/16")$

รุ่น	ขนาด	Overall Length	Overall Width			G.W.	ราคา
93504	18 in	470 mm	141 mm	1	4	6.4 kg	1,900
93505	24 in	634 mm	160 mm	1	4	10.1 kg	2,430
93506	30 in	765 mm	180 mm	1	4	16 kg	3,170
93507	36 in	917 mm	190 mm	1	4	21 kg	4,120

- Drop-forged precision ground alloy steel jaws with center-cut blades
- General plant maintenance tool for cutting medium and high carbon steel up to HRC 35

 Do not twist or pry with tool while cutting.
 Nature of this product is subject to wear and tear upon usage.
 Not covered under Lifetime Warranty.

ตู้เครื่องมือช่าง 7 ลิ้นชัก

31" 7 Drawer Roller Cabinet



Before unlocking After unlocking



Screwdriver
Toolbox with Lock



Trolley handle with
PVC cover



Two 5" swivel (with stopper)
and two 5" fixed casters with
pin rolling bearings

- Rotating side column locking mechanism for long service life
- Internal drawer size: Drawers 1-5: 570*382*65mm (L*W*H)
- Drawers 6-7: 570*382*145mm (L*W*H)
- Electronic code lock with password of 4-10 digits
- High durability roller tracks enable smooth sliding
- Quality casters running smoothly and steadily, without sliding after braking
- 1.2mm thickness steel body for strength and durability
- Drawer load capacity 35kg
- Total load capacity 240kg

 Not covered under Lifetime Warranty.

รุ่น	ขนาด			G.W.	ราคา
95107	740x480x980mm	1	1	85 kg	34,310

ตู้เครื่องมือช่าง 8 ล้นชัก 45" 8 Drawer Roller Cabinet



High-strength guide rail for smoothness and long service life



Trolley handle with PVC cover



Two 5" swivel (with stopper) and two 5" fixed casters with pin rolling bearings

- Suitable for auto repair technicians
- 1.2mm thickness steel body for strength and durability
- Two 5" swivel (with stopper) and two 5" fixed casters with pin rolling bearings for high flexibility and load capacity
- Cabinet with door lock for storing large tools
- Single drawer load capacity 35kg
- Total load capacity 240kg
- Quality solid wood operating floor, facilitating tool operation with low noise



Not covered under Lifetime Warranty.

รุ่น	ขนาด			G.W.	ราคา
95109	1035x457x897mm	-	1	110.6 kg	45,340

ตู้เครื่องมือช่าง 3 ชั้น รุ่นฝาเลื่อนหน้าต่าง 30" Mini Roller Cabinet



- See-through net structure on side panels
- Shuttle door for easy opening/closing
- Open top tray for easy tools placement
- Drawer load capacity 20kg
- Total load capacity 100kg



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

รุ่น	ขนาด			G.W.	ราคา
95111	631x382x818mm	-	1	21.7 kg	8,700

กล่องเครื่องมือ 3 ชั้น 3-tray Tool Box 17"



รถเข็นอเนกประสงค์ 33" 33" Utility Cart



	W(mm)	D(mm)	H(mm)
(after assembled)	841	414	827

รุ่น	Width	Depth	Height		G.W.	ราคา
95117	430 mm	200 mm	175 mm	1	3.7 kg	2,810

- Tote tray included for space efficiency
- Manufactured from heavy gauge sheet steel with power coated finish



Not covered under Lifetime Warranty.

รุ่น	Width	Depth	Height		G.W.	ราคา
95108A	360 mm	150 mm	115 mm	1	26.2 kg	8,190

- Total load capacity 150kg
- Drawer load capacity 35kg
- Bottom tray - cater for big size tools which can't fit into drawers
- Top tray for easy tools placement while work-in-progress
- Compact size for multiple usages



Not covered under Lifetime Warranty.

รถเข็นเครื่องมือ 2 ล้นชัก

2-drawer Tool Cart



- Single drawer load capacity 35 kg
- Total load capacity 240 kg

Not covered under Lifetime Warranty.

รถเข็นอเนกประสงค์ 4 ล้นชัก

36" 4 Drawer Utility Cart



- Total load capacity 150kg
- Drawer load capacity 35kg
- Bottom tray – cater for big size tools which can't fit into drawers
- Top tray for easy tools placement while work-in-progress
- Compact size for multiple usages

Not covered under Lifetime Warranty.

รุ่น Width Depth Height G.W. ราคา

95118 880 mm 416 mm 1029 mm 1 55 kg 20,710

รุ่น Width Depth Height G.W. ราคา

95119 877 mm 549 mm 1015 mm 1 87 kg 32,970

ตู้เครื่องมือ 5 ชั้น

28" 5 Drawer Roller Cabinet



Not covered under Lifetime Warranty.

กระเป๋าเครื่องมือ

Portable Tool Bag



Not covered under Lifetime Warranty.

รุ่น Width Depth Height G.W. ราคา

95121 770 mm 470 mm 896 mm 1 35 kg 21,070

- Four clipped corner design for better strength and durability
- Drawer liners in all drawers (EVA foam)
- 45mm ball bearing slide for exceptional load capacity
- Aluminum handle
- Durable powder coated finish protects against scratches and marring
- 5" heavy duty casters for smooth running and durability
- Single drawer load capacity 35kg
- Total cabinet load capacity 200kg

รุ่น ขนาด Width Depth Height G.W. ราคา

95183 14 in 360 mm 300 mm 230 mm 11 kg 1,460

95184 17 in 440 mm 330 mm 330 mm 11 kg 1,710

กระเป๋าเครื่องมือ 4 ช่อง

4-Pocket Belt Pouch



- Multi-sized pockets for maximum organization
- 900-denier nylon construction for strength and durability

Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

กระเป๋าเครื่องมือ 6 ช่อง

6-Pocket Belt Pouch



- Multi-sized pockets for maximum organization
- 900-denier nylon construction for strength and durability

Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

รุ่น Overall Length Overall Height G.W. ราคา

95211 110 mm 235 mm 20 1.8 kg 310

*Working belt and tools not included

รุ่น Width Depth G.W. ราคา

95212 250 mm 280 mm 20 7.99 kg 610

*Working belt and tools not included

ชุดเข็มขัดช่าง 8 ช่อง

8-Pocket Tool Pouch



- Multi-sized pockets for maximum organization
- 900-denier nylon construction for strength and durability

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

รุ่น	Overall Length	Overall Height		G.W.	ราคา
95213	250 mm	320 mm	20	7.99 kg	670

*Working belt and tools not included

เข็มขัดช่าง

Working Belt with Tape Measure Hook



- Multi-sized pockets for maximum organization
- 900-denier nylon construction for strength and durability

 Nature of this product is subject to wear and tear upon usage. Not covered under Lifetime Warranty.

รุ่น	Small Bag (mm)	Waistband (mm)		G.พราคา
95215	190x100	1200x50	40	7.6 kg 310

*Tools not Included

กล่องเครื่องมือ 5 ชั้น

17" 5 Tray Cantilever Tool Box



- Manufactured from heavy gauge sheet steel with powder coated finish
- Tubular handles for comfort and reduced fatigue

รุ่น	Width	Depth	Height		G.W.	ราคา
95104A	430 mm	200 mm	200 mm	1	4.8 kg	2,440

กล่องเครื่องมือพลาสติก

Plastic tool box



Empty tank can pass 3M drop test
 Use environmental material for production
 Heavy duty base design and not easy to dump
 Metal buckle, strong and durable
 With security lock hole

 Not covered under Lifetime Warranty.

รุ่น	ขนาด	ราคา
05311	15"	730
05312	17"	1,170
05313	19"	1,630

กล่องเครื่องมือเหล็ก

70 Pc. Metric Cantilever Tool Box and Tray Seta



CONTENTS:

1 - 5" Cantilever Tool Box
 1 - 1/2"Dr. Quick-Release Ratchet
 17 - 1/2"Dr. Metric Sockets*
 8, 9, 10, 11, 12, 13, 14, 17, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
 3 - 1/2"Dr. Metric Deep Sockets* 17, 19, 21 mm
 11 - Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 24 mm
 4 - Acetate Screwdrivers
 Slotted 5x75mm, 6x150mm; Phillips #1x75mm, #2x150mm
 1 - Adjustable Wrench 12"
 1 - Long Nose Pliers 6"
 1 - Diagonal Pliers 6"
 1 - Linesman Pliers 7"
 1 - Hickory Ball Pein Hammer 24 oz
 28 - Accessories
 1/2"Dr. Wobble Extension Bars 5", 10"
 1/2"Dr. Universal Joint
 1/2"Dr. Offset Handle 260 mm
 8 Pc. Metric Foldup Hex Key Set
 16 Pc. Feeler Gauge Set
 * 95104A-70: 12 Point Metric Standard and Deep Sockets
 95104A-70-6: 6 Point Metric Standard and Deep Sockets

รุ่น		G.W.	ราคา
95104A70-12	1	13 kg	11,220
95104A70-6	1	13 kg	11,220

A-Series Mechanical Torque Wrench



Warranty for torsion wrenches

- Warranty of 90 days (180 days for G series) from the purchase date (as per invoice date). Parts can be repaired or replaced free of charge due to damage caused by materials and processes.
- The premise of free repair or replacement of parts is: The part is within the warranty of 90 days from the purchase date (based on the invoice date) (180 days for G series) with operation times of less than 5000 and accuracy exceeding $\pm 3\%$ tested by the third-party torque testing instrument;
- Parts are not covered by the warranty if they are damaged or their accuracy exceed $\pm 3\%$ due to misuse, abuse, accident or non-normal use without following precautions;
- Products are not covered by the warranty if they are repaired by any maintenance agency not authorized by SATA.

ประแจทอร์ค

A-Series Mechanical Torque Wrench



• Forward accuracy greater than $\pm 3\%$

DIN 152374-919-51903-98

รุ่น	Drive Tang Size	Overall Length	Primary Scale Range	Max Torque			G.W.	ราคา
96211	1/4 in	228 mm	1 Nm	5 Nm	1	16	9.8 kg	4,170
96212	3/8 in	268 mm	5 Nm	25 Nm	1	16	10.2 kg	4,420
96310	3/8 in	426 mm	10 Nm	50 Nm	1	1	1.4 kg	4,510
96311	1/2 in	472 mm	20 Nm	100 Nm	1	10	17.2	4,640
96312	1/2 in	555 mm	40 Nm	200 Nm	1	10	18.9 kg	5,000
96313	1/2 in	616 mm	60 Nm	340 Nm	1	10	21.8 kg	6,190
96411	3/4 in	864 mm	110 Nm	550 Nm	1	1	6.7 kg	13,480
96412	3/4 in	1107 mm	160 Nm	800 Nm	1	1	7.3 kg	15,930



Torque Wrench is a precision instrument.

Warranty conditions:

SATA Torque Products are warrantee to

(1) be free of defects in material and workmanship.

(2) Accuracy standards for calibration are warrantee for 90 days from date of purchase. Products for which warranty repair is requested should be returned, at Buyer's cost, to your nearest repair center.

SATA Torque Products are precision instruments that contain moving parts. These components are subject to normal wear through use, and replacement there of is the responsibility of the Buyer. Torque Products should be routinely checked for calibration at an authorized repair center using SATA repair parts.

This Warranty shall not apply to Products which have been misused, abused, damaged by accident or otherwise, repaired by anyone other than an authorized repair center or modified by anyone other than SATA Tools.

ประแจทอร์คดิจิทัล

Electronic Torque Wrench



• Torque output accuracy up to $\pm 1.5\%$ (forward) and $\pm 2\%$ (reverse)

• Four indication modes available, including display screen, indicator, buzzer and vibration effectively preventing torque output overload

รุ่น	Drive Tang Size	Overall Length	Primary Scale Range	Max Torque			G.W.	ราคา
96527	1/4"	228 mm	68	340	1	16	9.8 kg	16,550



Torque Wrench is a precision instrument.

Warranty conditions:

SATA Torque Products are warrantee to

(1) be free of defects in material and workmanship.

(2) Accuracy standards for calibration are warrantee for 12 months / 10,000 time from date of purchase. Products for which warranty repair is requested should be returned, at Buyer's cost, to your nearest repair center.

SATA Torque Products are precision instruments that contain moving parts. These components are subject to normal wear through use, and replacement there of is the responsibility of the Buyer. Torque Products should be routinely checked for calibration at an authorized repair center using SATA repair parts.

This Warranty shall not apply to Products which have been misused, abused, damaged by accident or otherwise, repaired by anyone other than an authorized repair center or modified by anyone other than SATA Tools.

กรรไกรตัดท่อ

Tubing Cutter

- Durable all metal construction
- Large knurled handle for maximum grip power
- Spare cutter wheel stored in the handle

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



รุ่น	Cutting Capacity	Overall Length	Overall Width			G.W.	ราคา
97301	3-30 mm	245 mm	210 mm	12	60	15.7 kg	790
97302	3-32 mm	245 mm	210 mm	12	60	19.6 kg	920

กรรไกรตัดท่อ PVC

PVC Tubing Cutter

- Heat treated stainless steel blade for durability
- For cutting PVC tubes only
- Handle lock for safety

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



รุ่น	Cutting Capacity	Overall Length	Overall Width			G.W.	ราคา
97304	3-42 mm	280 mm	135 mm	6	48	18.6 kg	1,030

คัตเตอร์ตัดท่อมินิ

Mini Tubing Cutter

 Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



รุ่น	Cutting Capacity	Overall Length	Overall Width			G.W.	ราคา
97305	3-16 mm	197 mm	155 mm	12	120	17 kg	520

ถอดกรองน้ำมันเครื่อง

Universal 3-Jaw Oil Filter Wrench

- Use with 1/2" square drive tools
- Heavy duty construction for increased torque to loosen tough filters



รุ่น	Max Diameter	Min Diameter			G.W.	ราคา
97422	102 mm	63 mm	2	16	7.8 kg	660

แหวนรัดลูกสูบ

Piston Ring Compressor

- Tool is beaded along lower edge to prevent compressor from entering the cylinder
- Heavy spring steel compresses the stiffest rings evenly
- Positive lock action provides positive compression and fingertip release



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

ประแจถอดกรองน้ำมันเครื่อง

Oil Filter Wrench



No warranty as consumables.



รุ่น ขนาด   G.W. ราคา

97501	3 in	30	60	18.5 kg	800
97502	4 in	30	60	20.5 kg	890

รุ่น Specification   G.W. ราคา

97427	55-75 mm	12	24	7.3 kg	380
97428	75-95 mm	12	24	8.4 kg	400

คีมจมูกยาว

Long Nose Pliers

- Cr-Ni steel forged
- Comfortable TPR handle
- High frequency heat-treatment blades



รุ่น Max Diameter Min Diameter   G.W. ราคา

70101A	6"	Copper wire Ø2.2, iron wire Ø2.0, hard steel wire Ø1.6	6	36	8.5 kg	370
70102A	8"	Copper wire Ø2.2, iron wire Ø2.0, hard steel wire Ø1.6	6	36	12 kg	460

คีมตัดปากเฉียง

Diagonal Pliers

Cat. No.	Size	Cutting Capacity (mm)
70202A	6"	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- Black finishing applied prior to polishing to help protect against corrosion
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



ANSI B107.11M
DIN 5238

รุ่น Size Overall Length Jaw Thickness Overall Length Overall Length   G.W. ราคา

70202A	6 in	161 mm	11.2 mm	18.5 mm	57 mm	6	36	9.2 kg	370
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คีมปากตรง

Linesman Pliers

Cat. No.	Size	Cutting Capacity (mm)
70301A	6"	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0
70302A	7"	Copper Wire Ø2.6, Iron Wire Ø2.4, Hard Wire Ø2.0
70303A	8"	Copper Wire Ø2.6, Iron Wire Ø2.5, Hard Wire Ø2.3

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- Black finishing applied prior to polishing to help protect against corrosion
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



ANSI B107.13M
DIN 5236

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70301A	6 in	154 mm	10 mm	23.5 mm	52 mm	6	36	9.6 kg	470
70302A	7 in	177 mm	10.5 mm	25 mm	55 mm	6	36	11.4 kg	480
70303A	8 in	208 mm	11.5 mm	28.5 mm	55 mm	6	36	15 kg	540

คีมตัดสายไฟเล็ก

Mini Diagonal Pliers

Cutting Capacity (mm)
Copper Wire Ø1.5, Iron Wire Ø1.3, Medium Hard Wire Ø1.0

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



ANSI B107.11M

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70615A	5 in	110.5 mm	6.5 mm	11 mm	11 mm	6	36	5.3 kg	350

คีมปากนกแก้ว

Mini End Cutting Pliers

Cutting Capacity (mm)
Copper Wire Ø1.5, Iron Wire Ø1.3, Medium Hard Wire Ø1.0

- Specially treated cutting edge for extended cutting life
- Durable Chrome Nickel steel construction ensures lasting use
- TPE two-tone handle for maximum user comfort and reduced hand fatigue



ANSI B107.11M

รุ่น	Size	Overall Length	Jaw Thickness	Jaw Width	Overall Width			G.W.	ราคา
70616A	4.5 in	103.5 mm	13 mm	16.5 mm	16.5 mm	6	36	5.3 kg	320

คีมคอเลื่อน

Groove Joint Pliers



Cat. No.	Size	Pipe Dia. (mm)
70411	8"	4-31
70412	10"	5-45
70413	12"	5-54

- Chrome Vanadium steel construction
- Non-slip dipped handle grips

ANSI B107.23M DIN 5231

รุ่น	Size	Overall Length	Jaw Thickness	Overall Width			G.W.	ราคา
70411	8 in	208 mm	10 mm	48 mm	6	60	19.6 kg	410
70412	10 in	262 mm	11 mm	61 mm	3	24	12.3 kg	520
70413	12 in	321 mm	12 mm	68 mm	3	24	17 kg	590

คีมคอเลื่อน

Slip Joint Pliers



Cat. No.	Size	Pipe Dia. (mm)
70511	6"	5-30
70512	8"	6-36

- Chrome Vanadium steel construction
- Non-slip dipped handle grips

ANSI B107.23M DIN 5231

รุ่น	Size	Overall Length	Jaw Thickness	Overall Width			G.W.	ราคา
70511	6 in	160 mm	9.5 mm	29 mm	6	60	13.4 kg	350
70512	10 in	208 mm	10.5 mm	31 mm	6	48	17.6 kg	400

ปืนอัดจารบี

Pistol Grip Grease Gun

- 2 way loading - cartridge or 100CC bulk
- Compact, lightweight construction and pistol design for hard-to-reach jobs and easy one-hand operation
- Quality durable die-cast head for longer service life
- High strength spring for consistent priming
- Unique filling nipple design with steel ball to prevent backflow
- Special plunger lock for safe and convenient filling



Nature of this product is subject to wear and tear upon usage.
 Not covered under Lifetime Warranty.



รุ่น	Bulk Capacity	Working Pressure	Max. Working Pressure	Output			G.W.	ราคา
97201	100 cc	2900 psi	4000 psi	0.5oz / 40 strokes	1	12	5.55 kg	790

ปืนอัดจารบีด้ามพลาสติก

Plastic Handle Grease Gun

- 3 way loading - 14 oz cartridge, filler pump or 400CC bulk
- Durable die-cast head for longer service life
- High strength spring for consistent priming
- Unique filling nipple design with steel ball to prevent backflow
- Special plunger lock for safe and convenient filling
- Quality steel lever handle with comfortable rubber grip



Nature of this product is subject to wear and tear upon usage.
 Not covered under Lifetime Warranty.



รุ่น	Bulk Capacity	Working Pressure	Max. Working Pressure	Output			G.W.	ราคา
97203	400 cc	4500 psi	10000 psi	1oz / 40 strokes	1	12	9.5 kg	1,250

ปืนอัดจารบีแรงดันสูง

Hand-Operated High Pressure Grease Gun

- Loading - 400CC bulk
- Unique high/low pressure switch for easy operation
- Dual pressure for light or heavy duty greasing action
- Removable end cap allows easy cleaning of barrel
- Large lever handle with rubber provides a solid grip



Nature of this product is subject to wear and tear upon usage.
 Not covered under Lifetime Warranty.



รุ่น	Bulk Capacity	Working Pressure	Max. Working Pressure	Output			G.W.	ราคา
97205	400 cc	High - 8000 psi Low - 1000 psi	High - 13000 psi Low - 2000 psi	High - 0.5 oz/40 strokes Low - 3.5 oz/40 strokes	1	12	27 kg	1,720

ปืนอัดจารบีด้ามยาว

Quick Release Grease Gun 600cc

- Engineering machine
- Agriculture equipments
- For #0-#3 grease only
- New "flared" exhaust nozzle design ensures better exhaust effect and reduces empty bleeding
- Add an anti-impurity filter screen to prevent impurities from entering the grease pipeline and causing block-age during filling of bulk grease
- Lightweight aluminum tip and extended handle design makes the product more labor-saving and more portable
- Equipped with grease gun hose and tip nozzle to meet the grease filling requirements of small space or multiple nozzles
- Automobiles



No warranty as consumables.



รุ่น	Working pressure (PSI)	Burst pressure (PSI)	Oil pump capacity			G.W.	ราคา
97204A	7000	10000	1.2Oz/40 compressions (36cc/40 compressions)	-	10	18 kg	1,760

หัวอัดจารบี Grease Gun Coupler



- Nozzle with ball-bearing ensures no reverses flow



No warranty as consumables.

รุ่น			G.W.	ราคา
97211	18	72	9.3 kg	140

ชุดตะไบเข็มคละแบบ 10Pc. Assorted Needle File Set

- ☐ Flat Needle File
- ☐ Pointed Half Round Needle File
- ☐ Pointed Square Needle File
- ☐ Pointed Equilateral Triangular Needle File
- ☐ Pointed Round Needle File
- ☐ Pointed Dual-Sided Flat Needle File
- ☐ Pointed Cutter Needle File
- ☐ Pointed Single-Sided Triangular Needle File
- ☐ Pointed Flat Round Needle File
- ☐ Pointed Oval Needle File

- Suitable for filing small workpieces and precision parts



No warranty as consumables.



รุ่น	Spec. (mm)			G.W.	ราคา
03801	3x140	5	60	8.5 kg	400

ชุดตะไบเข็มคละแบบ 10Pc. Assorted Needle File Set

- ☐ Flat Needle File
- ☐ Pointed Half Round Needle File
- ☐ Pointed Square Needle File
- ☐ Pointed Equilateral Triangular Needle File
- ☐ Pointed Round Needle File
- ☐ Pointed Dual-Sided Flat Needle File
- ☐ Pointed Cutter Needle File
- ☐ Pointed Single-Sided Triangular Needle File
- ☐ Pointed Flat Round Needle File
- ☐ Pointed Oval Needle File

- Suitable for filing small workpieces and precision parts



No warranty as consumables.



รุ่น	Spec. (mm)			G.W.	ราคา
03802	4x160	5	60	13.2 kg	470

ชุดตะไบเข็มคละแบบ 10Pc. Assorted Needle File Set



- ☐ Flat Needle File
- ☐ Pointed Half Round Needle File
- ☐ Pointed Square Needle File
- ☐ Pointed Equilateral Triangular Needle File
- ☐ Pointed Round Needle File
- ☐ Pointed Dual-Sided Flat Needle File
- ☐ Pointed Cutter Needle File
- ☐ Pointed Single-Sided Triangular Needle File
- ☐ Pointed Flat Round Needle File
- ☐ Pointed Oval Needle File

- Suitable for filing small workpieces and precision parts



No warranty as consumables.

รุ่น	Spec. (mm)			G.W.	ราคา
03803	5x180	5	60	23.3 kg	570

ตะไบแบน

Flat Smooth Cut File



Sectional Form

- The product is made of special carbon tool steel, with file body hardness up to 63~66HRC
- File teeth have uniform form and depth, ensuring high filing efficiency
- 1-Bastard cut 2-Second cut 3-Smooth cut

 No warranty as consumables.

ตะไบแบนเรียบ

Flat Smooth Cut File



Sectional Form

- The product is made of special carbon tool steel, with file body hardness up to 63~66HRC
- File teeth have uniform form and depth, ensuring high filing efficiency
- 1-Bastard cut 2-Second cut 3-Smooth cut

 No warranty as consumables.

รุ่น	Spec	L(mm)			G.W.	ราคา
03916	8"	315	12	96	15.9 kg	350
03917	10"	365	12	72	18.8 kg	430

รุ่น	Spec	L(mm)			G.W.	ราคา
03920	8"	315	12	96	16.1 kg	370
03921	10"	365	12	72	18.8 kg	460

ตะไบแบน Bastard

Flat Bastard Cut File



Sectional Form

- The product is made of special carbon tool steel, with file body hardness up to 63~66HRC
- File teeth have uniform form and depth, ensuring high filing efficiency
- 1-Bastard cut 2-Second cut 3-Smooth cut

 No warranty as consumables.

ตะไบสี่เหลี่ยม SECOND

Square Second Cut File



Sectional Form

- The product is made of special carbon tool steel, with file body hardness up to 63~66HRC
- File teeth have uniform form and depth, ensuring high filing efficiency

 No warranty as consumables.

รุ่น	Spec	L(mm)			G.W.	ราคา
03912	8"	315	12	96	16.3 kg	330
03813	10"	365	12	72	18.8 kg	410

รุ่น	Spec	L(mm)			G.W.	ราคา
03956	8"	315	12	96	13.3 kg	340
03957	10"	365	12	72	15.5 kg	410

ตะไบกลม SECOND

Round Second Cut File



Sectional Form

- The product is made of special carbon tool steel, with file body hardness up to 63~66HRC
- File teeth have uniform form and depth, ensuring high filing efficiency

 No warranty as consumables.

ตะไบสามเหลี่ยม

Three Square Second Cut File



Sectional Form

- The product is made of special carbon tool steel, with file body hardness up to 63~66HRC
- File teeth have uniform form and depth, ensuring high filing efficiency

 No warranty as consumables.

รุ่น	Spec	L(mm)			G.W.	ราคา
03972	8"	315	12	96	11.9 kg	340
03973	10"	365	12	72	13.5 kg	410

รุ่น	Spec	L(mm)			G.W.	ราคา
03992	8"	315	12	96	21.1 kg	410
03993	10"	365	12	72	25.1 kg	510

หัวสว่าน

Drill Chuck



- Electroplated body for good rust protection
- Wide application
- Gripper jaw with higher wear resistance



No warranty as consumables.

Jacobs
CHUCK

รุ่น	Clamping range(mm)	Connection Spec			G.W.	ราคา
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53101	0-6.5	3/8" x 24	-	12	19	510
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หัวสว่าน

Drill Chuck



- Electroplated body for good rust protection
- Wide application
- Gripper jaw with higher wear resistance



No warranty as consumables.

Jacobs
CHUCK

รุ่น	Clamping range(mm)	Connection Spec			G.W.	ราคา
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53111	1-10	3/8" x 24	-	12	2.4 kg	510
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หัวสว่าน

Drill Chuck



- Electroplated body for good rust protection
- Wide application
- Gripper jaw with higher wear resistance



No warranty as consumables.

Jacobs
CHUCK

รุ่น	Clamping range(mm)	Connection Spec			G.W.	ราคา
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53121	1.5-13	1/2" x 20	-	12	4.3 kg	530
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ใบตัด

Cutting-Off Wheel



- Fast cutting with less burr and less deformation
- High safety and revolving strength meeting European standard
- Capable of cutting metal plate and thin-wall profiles with thickness no more than 1.6mm
- Capable of cutting solid materials and profiles with standard thickness
- Rail cutting blades for cutting railway and subway tracks



No warranty as consumables.

รุ่น	OD (mm)	iD (mm)	Thickness (mm)			G.W.	ราคา
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55002	105 (4")	16.00	1.00	25	400	0.6 kg	30
55032	100 (4")	16.00	1.20	25	600	0.6 kg	40
55033	100 (4")	16.00	2.50	25	400	1.1 kg	40
55075	355 (14")	25.40	3.00	5	25	3.8 kg	150
55080	400 (16")	32.00	3.20	5	20	4.8 kg	190

ใบเจียร

Grinding Wheel

- High grinding speed
- 3-layer glass fiber mesh, with high safety and revolving strength meeting European standard
- Suitable for mainstream drive tools in the market
- Surface grinding
- Welding scar cleaning
- Chamfering and deburring



No warranty as consumables.



รุ่น	OD (mm)	iD (mm)	Thickness (mm)	Minimum order quantity (pc)			G.W.	ราคา
55220	100 (4")	16.00	4.00	200	25	200	1.4 kg	40
55221	100 (4")	16.00	6.00	200	25	200	2.9 kg	40
55200	100 (4")	16.00	6.00	200	25	200	2.9 kg	50

ใบขัด

Flap Discs

- Different particle sizes available for various grinding requirements on surface smoothness
- Soft grinding with low vibration and low noise
- Low operating pressure
- Seven-layer fiber back disk with high safety, suitable for mainstream drive tools in the market
- Surface grinding with grain sizes of 40, 60, 80 and 120 meshes available
- Weld bead cleaning
- Chamfering and deburring



No warranty as consumables.



รุ่น	OD (mm)	iD (mm)	Number of Mesh (es)	Minimum order quantity (pc)			G.W.	ราคา
55401	100 (4")	16.00	40	200	10	200	13.8 kg	50
55402	100 (4")	16.00	60	200	10	200	13.7 kg	50
55403	100 (4")	16.00	80	200	10	200	11.9 kg	50
55404	100 (4")	16.00	120	200	10	200	11.2 kg	50

ชุดเครื่องมือพื้นฐาน 7 ชิ้น

7Pc. Basic Installation Tool Set



รุ่น » 05161

ราคา » 920

- Suitable for home installation and other daily use
- To meet the requirements of daily pendant installation, switch maintenance etc

ชุดเครื่องมือพื้นฐาน

19 Pc Practical Installation Tool Set



ชุดเครื่องมือพื้นฐาน 15 ชิ้น

15Pc. Practical Installation Tool Set



รุ่น » 05162

ราคา » 1,480

- Suitable for home installation and other daily use
- To meet the requirements of daily pendant installation, switch maintenance etc

รุ่น » 05163

ราคา » 2,490

- Suitable for home installation and other daily use
- To meet the requirements of daily pendant installation, switch maintenance etc

ชุดบล็อก 13 ชิ้น

13 Pc. 1/2" Drive 6 Point Metric Socket Set



- 1 - Quick-Release Round Head Ratchet
- 11 - 6pt. Metric Sockets
10, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm
- 1 - Wobble Extension Bar 5"

รุ่น			G.W.	ราคา
09525	2	8	13.9 kg	1,500

ชุดเครื่องมือติดบ้าน

28 Pc Electrical Appliances Maintenance Comprehensive Tool Set



รุ่น » 05166
ราคา » 4,200

- Suitable for building decoration, home installation and other daily installation maintenance use

ชุดประแจแหวนคู่ 11 ชิ้น

11pc. Deep Offset Box End Wrench Set



รุ่น	Contents			G.W.	ราคา
08023	6*7, 8*9, 10*11, 12*13, 14*15, 16*17, 18*19, 20*22, 21*23, 24*27, 30*32mm	-	4	13.8 kg	4,350

ชุดเครื่องมือบำรุงรักษาท่อ

Pipe Maintenance Master Tool Set



รุ่น » 05165
ราคา » 3,670

- Suitable for building decoration, home installation and other daily installation maintenance use
- To meet the daily pipeline maintenance, furniture installation, switch maintenance and other requirements

ชุดบล็อก

Metric Socket Set

- 1 - Quick-Release Ratchet
- 18 - 6pt. Metric Sockets
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm
- 9 - 6pt. Metric Deep Sockets
8, 10, 11, 12, 13, 14, 15, 17, 19 mm
- 2 - Spark Plug Sockets 16, 21 mm
- 24 - Bit Sockets
Slotted 5.5, 6.5, 8 mm; Phillips #1, #2, #3; Pozidriv #1, #2
Torx® T10, T15, T20, T25, T30, T40, T45, T50, T55
Hex 3, 4, 5, 6, 7, 8, 10 mm
- 4 - Accessories
Wobble Extension Bars 3", 10"
Universal Joint 1/2" F x 3/8" M 3-Way Adapter



รุ่น			G.W.	ราคา
09004	1	3	13.6 kg	4,530

ชุดบล็อก

Metric Socket Set

- 1 - Quick-Release Ratchet
- 12 - 6pt. Metric Sockets
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm
- 3 - 6pt. Metric Deep Sockets 13, 17, 19 mm
- 4 - Accessories
Spark Plug Socket 16 mm
Wobble Extension Bar 10"
- Universal Joint
3/8" F x 1/2" M 3-Way Adapter



รุ่น			G.W.	ราคา
09005	1	6	20.9 kg	5,490

ชุดลูกบล็อกล็อก 46 ชิ้น

46 Pc. 1/2" Drive 6 Point Metric/SAE Socket Set



- 1 - Quick-Release Ratchet
- 20 - 6pt. Metric Sockets
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
- 7 - 6pt. Metric Deep Sockets 10, 12, 13, 14, 15, 17, 19 mm
- 11 - 6pt. S.A.E. Sockets
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"
- 7 - Accessories Flex Handle 10" Spark Plug Sockets 16, 21 mm Wobble Extension Bars 5", 10" Universal Joint 3/8" F x 1/2" M 3-Way Adapter

ชุดลูกบล็อกล็อก 12 ชิ้น

12 Pc. 1/2" Drive 6 Point Metric Impact Socket Set



- 10 - 6pt. Metric Sockets 10, 11, 13, 14, 17, 19, 21, 22, 23, 24 mm
- 1 - Impact Universal Joint
- 1 - Impact Extension Bar 5"

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09006	1	3	21.4 kg	5,490

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09009	1	8	17.8 kg	1,920

ชุดประแจแหวนข้างปากตาย 14 ชิ้น

14 Pc. Metric Combination Wrench Set



- 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24 mm

ชุดประแจแหวนข้าง 23 ชิ้น

23 Pc. Metric Combination Wrench Set



- 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09026	1	12	22.8 kg	2,080

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09027	1	4	21.6 kg	4,820

ชุดประแจ 13 ชิ้น

13 Pc. Metric Double Open End Wrench Set



- 6x7, 8x10, 10x12, 11x13, 12x14, 14x17, 17x19, 19x21, 21x23, 22x24, 23x26, 24x27, 30x32 mm

ชุดประแจแหวนปากตายคองอ 7 ชิ้น

7 Pc. Metric XL Locking Flex Head Ratcheting Wrench Set



- 10, 12, 13, 14, 15, 17, 19 mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09029	1	4	13.8 kg	3,440

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09043	6	12	17.4 kg	6,190

ชุดประแจบล็อก 25 ชิ้น

25 Pc. 1/2" Drive Metric Socket Set



- 1 - Quick-Release Ratchet
- 19 - Metric Sockets* 9,10,11,12,13,14,15, 16,17,18,19,20,21,22,23,24,27,30, 32 mm
- 5 - Accessories Wobble Extension Bars 5", 10" Flex Handle 15" T-Handle Universal Joint

รุ่น			G.W.	ราคา
09061	1	4	22.5 kg	3,500

ชุดประแจแหวนข้างปากตาย 14 ชิ้น

14 Pc. Metric Combination Wrench Set



- 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32 mm

รุ่น			G.W.	ราคา
09062	1	4	20.5 kg	3,480

ชุดประแจข้างปากตาย 11 ชิ้น

11 Pc. Metric Combination Wrench Set



- 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 24 mm

รุ่น			G.W.	ราคา
09064	3	12	22.5 kg	1,600

ชุดประแจแหวนข้างปากตาย 14 ชิ้น

14 Pc. SAE Combination Wrench Set



- 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4"

รุ่น			G.W.	ราคา
09069	1	4	17.4 kg	3,910

ชุดประแจแหวนข้างปากตาย 7 ชิ้น

7 Pc. Metric Combination Wrench Set



- 8, 10, 12, 13, 14, 17, 19 mm

รุ่น			G.W.	ราคา
09070	6	24	18.8 kg	1,170

ชุดประแจเกียร์ 8 ชิ้น

8Pc. Combination Double Ratcheting Wrench



- 8, 10, 12, 13, 14, 15, 17, 19 mm

รุ่น			G.W.	ราคา
08007A	0	12	12.2 kg	2,680

ชุดประแจเหลี่ยมยาวพิเศษ 12 ชิ้น

12 Pc. SAE Extra Long Ball Point Hex Key Set



- Material : S2
- 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09102	6	36	17.4 kg	840

ชุดประแจหกเหลี่ยม 9 ชิ้น

9 Pc. Metric Extra Long Hex Key Set



- Material : SVCM
- 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09103	6	36	16.9 kg	800

ชุดประแจเหลี่ยมยาว 12 ชิ้น

12 Pc. SAE Long Ball Point Hex Key Set



- Material : S2
- 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09106	6	36	19.9 kg	940

ชุดหกเหลี่ยม MINI 8 ชิ้น

8Pc. Mini Hex Key Set



- Material : Cr-V (chrome-vanadium steel)

รุ่น	Spec. (mm)	กล่อง	กล่อง	G.W.	ราคา
09119	0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4	24	192	7.1 kg	260

ชุดประแจหกเหลี่ยม 8 ชิ้น

8 Pc. Metric Hex Key Fold-Up Set



- Material : Cr-V (chrome-vanadium steel)
- 1.5, 2, 2.5, 3, 4, 5, 6, 8mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09121	6	24	5 kg	430

ชุดประแจหกเหลี่ยม 9 ชิ้น

9 Pc. SAE Hex Key Fold-Up Set



- Material : Cr-V (chrome-vanadium steel)
- 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09122	6	24	4.6 kg	430

ชุดประแจหกเหลี่ยมหัวบอล 9 ชิ้น

9 Pc. Metric Extra Long Ball Point Hex
Key and Torque Handle Set



- 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm
- New torque extension bar for convenience and comfort
- New SVCN+ material for higher torque
- Fully polished surface plated with chrome

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09124	6	24	16 kg	1,170

ชุดเหล็กนำศูนย์ 5 ชิ้น

5 Pc. Punch Set



- 1 - Center Punch 4mm
- 1 - Drift Punch 3mm
- 1 - Pin Punch 4mm
- 1 - Cape Chisel 5mm
- 1 - Flat Chisel 12mm
- Chromate treatment for improved corrosion resistance
- Made of Chrome Vanadium steel for strength and durability
- Complies to ASME safety requirement:
Chisel: ASME B107.47M-1998
Punch: ASME B107.48M-1998
- Product dimensional accuracy exceeds DIN standard



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09161	20	40	14.4 kg	870

ชุดคีมพร้อมหัวเปลี่ยน 5 ชิ้น

5 Pc. Combination Snap Ring Pliers Set



- 1 - Snap Ring Pliers
- 1 - 1.2mm Straight Tip
- 1 - 1.4mm Straight Tip
- 1 - 45 Degree Tip
- 1 - 90 Degree Tip

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09251	6	48	15.7 kg	830

ชุดไขควง T-SERIES VDE

7 Pc. T-Series VDE Insulated Screwdriver Set



- PHILLIPS - #0x60mm, #1x80mm, #2x100mm
- SLOTTED - 2.5x75mm, 4.0x100mm, 5.5x125mm, 6.5x150mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09303	0	10	7.9 kg	1,410

ชุดไขควง 8 ชิ้น

8 Pc. Acetate Combination Screwdriver Set



- PHILLIPS - #1x75mm, #2x38mm, #2x100mm, #2x150mm
- SLOTTED - 5x75mm, 6x38mm, 6x100mm, 6x150mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09306	0	5	6.1 kg	1,190

ไขควง 6 ชิ้น T-SERIES

6 Pc. Cushion Grip Combination Screwdriver Set



- PHILLIPS - #1x75mm, #2x100mm, #2x150mm
- SLOTTED - 5x75mm, 5x100mm, 6x150mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09309	0	6	7.6 kg	1,050

ชุดไขควง 7 ชิ้น

7 Pc. Precision Combination Screwdriver Set



- PHILLIPS - #000x40mm, #00x50mm, #0x50mm
- SLOTTED - 1.4x50mm, 2.0x50mm, 2.4x50mm, 3.0x50mm

ชุดไขควงหัวท็อกซ์ 7 ชิ้น

7 Pc. Precision Torx® Screwdriver Set



- TORX® - T5x50mm, T6x50mm, T7x50mm, T8x50mm, T9x50mm, T10x50mm, T15x50mm

SATA
MADE TO
CHALLENGE

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09314	6	24	10.7 kg	860

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09315	6	24	10.8 kg	860

ชุดไขควงรวม 15 ชิ้น

15 Pc. Precision Combination Screwdriver Set



- PHILLIPS - #000x40mm, #0x50mm, #00x50mm
- SLOTTED - 1.0x40mm, 2.0x50mm, 3.0x50mm, 3.5x50mm
- TORX® - T6x50mm, T8x50mm, T10x50mm, T15x50mm
- HEX - 1.5x50mm, 2.0x50mm, 2.5x50mm, 3.0x50mm

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09317	6	12	7.1 kg	1,970

ไขควงเปลี่ยนหัว SATA

Retractable Ratchet Screw Driver Set



รุ่น » 09350

ราคา » 800

- The screwdriver bit is made of SVCM and durable
- Three - way adjustment of high torque ratchet, effectively improve work efficiency
- PP+TPV material handle, comfortable, anti-slip and anti-oil

Feeler Gauge 16 ชิ้น

16 Pc. Feeler Gauge Set 0.05-1.00mm



- 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.50, 0.55, 0.60, 0.70, 0.75, 0.80, 0.90, 1.00mm
- Meet DIN2275 & JIS B 7524-1992 standards
- Blade length 3"
- Blade is made of Manganese alloy steel

! Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09402	12	144	17.4 kg	200

Feeler Gauge 32 ชิ้น

32 Pc. Feeler Gauge Set 0.02-1.00mm



- 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.13, 0.15, 0.18, 0.20, 0.23, 0.25, 0.28, 0.30, 0.33, 0.38, 0.40, 0.45, 0.50, 0.55, 0.60, 0.63, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 1.00mm
- Meet DIN2275 & JIS B 7524-1992 standards
- Blade length 3.5"
- Blade is made of Manganese alloy steel

! Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.

รุ่น	กล่อง	กล่อง	G.W.	ราคา
09407	24	144	20.7 kg	310

ชุดเครื่องมือโทรคมนาคม 56 ชิ้น

53 Pc. Telecom Tool Set

- 11 - 1/4"Dr. 6pt. Metric Sockets 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 15 - 1/4" Shank 25L Bits Slotted 4, 5.5, 6.5 mm; Phillips #1, #2, #3; Tamper-Proof Torx® T10, T15, T20; Hex 2, 2.5, 3, 4, 5, 6 mm
- 4 - Acetate Screwdrivers Phillips #1x75 mm, #2x200 mm; Slotted 5x75 mm, 6x100 mm
- 6 - Precision Combination Screwdrivers Phillips #000x75 mm, #0x100 mm, #1x150 mm; Slotted 2x75 mm, 3x100 mm, 4x150 mm
- 17 - Accessories 1/4" Drive Bit Adapter 25 mm (1/4" Drive Magnetic Bit Driver) (Circuit Tester) (Long Nose Pliers 6") (Diagonal Pliers 6") (Electrician's Knife) (Soldering Iron 30W) (Soldering Iron Stand) (Anti-static Brush) (Digital Multi-meter) (Desoldering Pump) (Insulation Tape) (Adjustable Wrench 6") (Solder Wire 17G) (Aluminum Flashlight) (Self Adjusting Wire Stripper 6-1/2") (Tape Measure 3 mx16 mm)



รุ่น	รูป	รูป	G.W.	ราคา
09535	0	2	9 kg	12,140

ชุดไขควงตอก 8 ชิ้น

8 Pc. Impact Screwdriver Set



- 1 - Impact Screwdriver
- 1 - 1/2"Dr. Bit Adapter
- 4 - 5/16" Shank 30L Bits Slotted 8, 10mm; Phillips #2, #3
- 2 - 5/16" Shank 70L Bits Slotted 8, 10mm; Phillips #2, #3

รุ่น	รูป	รูป	G.W.	ราคา
09602	0	12	13.7 kg	1,900

ชุดประแจหกเหลี่ยมหัวท็อกซ์ 8 ชิ้น

8 Pc. Tamper-Proof Torx® Key Set



- T6, T7, T8, T9, T10, T15, T20, T25
- Made of S2 alloy steel, tempered for optimal strength and performance

รุ่น	รูป	รูป	G.W.	ราคา
09701	12	72	7.1 kg	560

ชุดประแจหกเหลี่ยมหัวท็อกซ์ 8 ชิ้น

9 Pc. Tamper-Proof Torx® Key Set



- T10, T15, T20, T25, T27, T30, T40, T45, T50
- Made of S2 alloy steel, tempered for optimal strength and performance

รุ่น	รูป	รูป	G.W.	ราคา
09702	6	48	18.4 kg	1,050

ชุดประแจหกเหลี่ยมหัวบอลก้นสั้น 9 ชิ้น

Color Series 9Pc. Extra Long Ball Point Hex Key Set



Partial Warranty.

- T10, T15, T20, T25, T27, T30, T40, T45, T50
- Made of S2 alloy steel, tempered for optimal strength and performance

รุ่น	รูป	รูป	G.W.	ราคา
09101CH	6	48	18.4 kg	1,200

ชุดประแจหกเหลี่ยมกันสน 9 ชิ้น

Color Series 9Pc. Extra Long Hex Key Set



Partial Warranty.

- Colored sheath for quick identification, oil resistant and anti-slip.
- Special surface treatment to ensure dimensional accuracy.
- Soft plastic holder, comfortable to hold, not easy to damage or break.
- T10, T15, T20, T25, T27, T30, T40, T45, T50

รุ่น			G.W.	ราคา
09103CH	6	36	18.7 kg	1,200

ชุดประแจหกเหลี่ยมหัวท็อกซ์กันสน 9 ชิ้น

9pc Long Arm Torx Key Set



Partial Warranty.

- Made of S2 alloy steel with temper and quenching treatment
- Chrome-plated mist surface for elegance and rust protection
- Inner hexagon socket for convenience and steadiness
- Butterfly socket with novel appearance
- TT10, TT15, TT20, TT25, TT27, TT30, TT40, TT45, TT50

รุ่น			G.W.	ราคา
09702CH	6	48	17.6 kg	1,200

ชุดกุญแจยาวพิเศษ 9 ชิ้น

9 Pc. Extra Long Ball Point Hex Key Set



- Mist surface plated with chrome
- Material: Cr-V (chrome-vanadium steel)
- 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10



Excluded from lifetime warranty terms

รุ่น			G.W.	ราคา
09101A	6	36	16.9 kg	760

ชุดกุญแจยาวหกเหลี่ยม 9 ชิ้น

9 Pc. Long Hex Key Set



- Mist surface plated with chrome
- Material: Cr-V (chrome-vanadium steel)
- 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10



Excluded from lifetime warranty terms

รุ่น			G.W.	ราคา
09107A	6	48	19.4 kg	360

ชุดถาดลูกบล็อก 1/4" 66 ชิ้น

66Pc. 1/4" Dr. Socket Set

- 14Pc. 1/4" Dr. 6pt Socket (3,5,4,4,5,5,5,5,6,7,8,9,10,11,12,13,14MM)
- 12Pc. 1/4" Dr. 6pt Long Socket (4,4,5,5,5,5,6,7,8,9,10,11,12,13MM)
- 23Pc. 1/4" Dr. Bits Socket Slotted (4,5,5,6,5MM) Phillip (#1,#2,#3) Pozi (#1,#2,#3) Torx (T-8,T-10,T-15,T-20,T-25,T-27,T-30,T-40) Hex (3,4,5,6,7,8MM)
- 8Pc. 1/4" Dr. 25MM Bits, Slotted (3,4,5,6MM) Phillip (#0,#1,#2,#3)
- 1Pc. 1/4" Dr. Spinner Handle
- 1Pc. 1/4" Dr. Quick Release Ratchet 5"
- 1Pc. 1/4" Dr. Extension Bar 2"
- 1Pc. 1/4" Dr. Extension Bar 4"
- 1Pc. 1/4" Dr. Sliding T-Handle 4"
- 1Pc. 1/4" Dr. Universal Joint
- 1Pc. 1/4" Dr. Flexible Extension Bar 6"
- 1Pc. 1/4" Dr. Magnetic Quick Change Bit Holder
- 1Pc. 1/4" Dr. Bit Holder
- Designed for tool management in workshop, fit to lie in the drawers of SATA tool cart
- Functional tray sets help to quicken pick up and return back tools
- Multiple tray sets available for customer to select for proper usage



Please comply with the warranty terms for each open stock product in the set



รุ่น	LxWxH(mm)			G.W.	ราคา
09901	375x185x45	-	4	8.8 kg	3,930

ชุดถาดลูกบล็อก 3/8" 33 ชิ้น

33Pc. 3/8" Dr. Socket Set

- 15Pc. 3/8" Dr. 6pt Socket (8,9,10,11,12,13,14,15,16,17,18,19,21,22,24MM)
- 8Pc. 3/8" Dr. 6pt Long Socket (10,11,12,13,14,15,17,19MM)
- 3Pc. 3/8" Dr. 3/8" Dr. Spark Plug Socket (16,18,21MM)
- 1Pc. 3/8" Dr. Quick Release Ratchet 8"
- 1Pc. 3/8" Dr. Extension Bar 10"
- 1Pc. 3/8" Dr. Socket Adaptor 3/8"Fx1/4"M
- 1Pc. 3/8" Dr. Universal Joint
- 1Pc. 3/8" Dr. Bit Adaptor 3/8"Fx1/4"Hexagon
- 1Pc. 3/8" Dr. Locking Extension Bar 3"
- Designed for tool management in workshop, fit to lie in the drawers of SATA tool cart
- Functional tray sets help to quicken pick up and return back tools
- Multiple tray sets available for customer to select for proper usage



รุ่น	Length	Width	Height			G.W.	ราคา
09902	375 mm	185 mm	45 mm	0	4	12.7 kg.	3,800

ชุดลูกบล็อก ขนาด 1/2 นิ้ว 27 ชิ้น

27Pc. 1/2" Dr. Socket Set

- 17Pc. 1/2" Dr. 6pt Socket (10,11,12,13,14,15,16,17,18,19,21,22,24,27,30,32,34MM)
- 5Pc. 1/2" Dr. 6pt Long Socket (10,13,17,19,22MM)
- 1Pc. 1/2" Dr. Quick Release Ratchet 10"
- 1Pc. 1/2" Dr. Extension Bar 10"
- 1Pc. 1/2" Dr. Universal Joint
- 1Pc. 1/2" Dr. Locking Extension Bar 5"
- 1Pc. 1/2" Dr. 3-Way Socket Adaptor 1/2"Fx3/8"M
- Designed for tool management in workshop, fit to lie in the drawers of SATA tool cart
- Functional tray sets help to quicken pick up and return back tools
- Multiple tray sets available for customer to select for proper usage



รุ่น	Length	Width	Height			G.W.	ราคา
09903	375 mm	185 mm	45 mm	0	4	12.7 kg.	4,050

ชุดกาตประแจปากตาย 10 ซึน

10Pc. Open End & Combination Wrench Set

- 43206 Combination Ratcheting Wrench 13mm
- 43207 Combination Ratcheting Wrench 14mm
- 41201 Open End Wrench 6x7mm
- 41202 Open End Wrench 8x10mm
- 41203 Open End Wrench 10x12mm
- 41204 Open End Wrench 11x13mm
- 41205 Open End Wrench 12x14mm
- 41210 Open End Wrench 22x24mm
- 41212 Open End Wrench 24x27mm
- 41213 Open End Wrench 30x32mm
- Designed for tool management in workshop, fit to lie in the drawers of SATA tool cart
- Functional tray sets help to quicken pick up and return back tools
- Multiple tray sets available for customer to select for proper usage



รุ่น	LxWxH(mm)			G.W.	ราคา
09904	375x185x45	-	4	10.1 kg	3,130

ชุดกาตประแจแหวน 11 ซึน

11 Pc. Metric Combination Wrench Set

- 42213 Box End Wrench 6x7mm
- 42201 Box End Wrench 8x10mm
- 42202 Box End Wrench 10x12mm
- 42203 Box End Wrench 11x13mm
- 42204 Box End Wrench 12x14mm
- 42205 Box End Wrench 14x17mm
- 42206 Box End Wrench 17x19mm
- 42207 Box End Wrench 19x21mm
- 42208 Box End Wrench 21x23mm
- 42211 Box End Wrench 24x27mm
- Designed for tool management in workshop, fit to lie in the drawers of SATA tool cart
- Functional tray sets help to quicken pick up and return back tools
- Multiple tray sets available for customer to select for proper usage



รุ่น	LxWxH(mm)			G.W.	ราคา
09905	375x185x45	-	4	9.4 kg	2,950

ชุดกาตประแจแหวนข้างปากตาย+ประแจแอล 30 ซึน

30 Pc. Metric Combination Wrench and Hex Key Tray Set

- 12 - Combination Wrenches
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 9 - Extra Long Ball Point Hex Key Set
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm
- 9 - Long Arm Tamper-Proof Torx® Key Set
T10, T15, T20, T25, T27, T30, T40, T45, T50



รุ่น	Length	Width	Height			G.W.	ราคา
09906	375 mm	185 mm	45 mm	0	4	10.3 kg.	3,800

ชุดกาตประแจแหวนจ้างปากตาย 8 ชิ้น

8 Pc. Metric Combination Wrench Tray Set



- 5.5, 6, 7, 20, 21, 22, 23, 24 mm

รุ่น	Length	Width	Height			G.W.	ราคา
09907	375 mm	185 mm	45 mm	0	4	8.8 kg.	2,090

ชุดกาตประแจเกียรแหวนจ้างปากตาย 19 ชิ้น

19Pc. Combination Ratcheting Wrench Set

- 43220 Combination Ratcheting Wrench 5.5mm
- 43221 Combination Ratcheting Wrench 6mm
- 43222 Combination Ratcheting Wrench 7mm
- 43201 Combination Ratcheting Wrench 8mm
- 43202 Combination Ratcheting Wrench 9mm
- 43203 Combination Ratcheting Wrench 10mm
- 43204 Combination Ratcheting Wrench 11mm
- 43205 Combination Ratcheting Wrench 12mm
- 43206 Combination Ratcheting Wrench 13mm
- 43207 Combination Ratcheting Wrench 14mm
- 43208 Combination Ratcheting Wrench 15mm
- 43209 Combination Ratcheting Wrench 16mm
- 43210 Combination Ratcheting Wrench 17mm
- 43211 Combination Ratcheting Wrench 18mm
- 43212 Combination Ratcheting Wrench 19mm
- 46654 1/4" Dr. Quick Release Adaptor for 10mm Ratcheting Wrench
- 46655 3/8" Dr. Quick Release Adaptor for 13mm Ratcheting Wrench
- 46656 1/2" Dr. Quick Release Adaptor for 19mm Ratcheting Wrench
- 46657 Bit Adaptor for 10mm Ratcheting Wrench
- Designed for tool management in workshop, fit to lie in the drawers of SATA tool cart
- Functional tray sets help to quicken pick up and return back tools
- Multiple tray sets available for customer to select for proper usage



รุ่น	LxWxH(mm)			G.W.	ราคา
09908	375x185x45	-	4	9.2 kg	6,870

ชุดกาตประแจเลื้อน+คีม

5 Pc. Adjustable Wrench and Pliers Tray Set

- 2 - 47203 Adjustable Wrenches 8"
- 2 - 47204 Adjustable Wrenches 10"
- 1 - 70101 Long Nose Pliers 6"
- 1 - 71102 Curved Jaw Locking Pliers 7"
- 1 - 71301 Long Nose Locking Pliers 6"



รุ่น	Length	Width	Height			G.W.	ราคา
09909	375 mm	185 mm	45 mm	0	4	8.5 kg.	2,950

ชุดกาตตะโบ 8 ชิ้น

8 Pc. File Tray Set

- 1 - Flat File 8"
- 1 - Half-Round File 8"
- 1 - Square File 8"
- 1 - Round File 8"
- 1 - Three Square File 8"
- 3 - 140mm Needle Files - Flat, Half Round, Round



Please comply with the warranty terms for each open stock product in the set

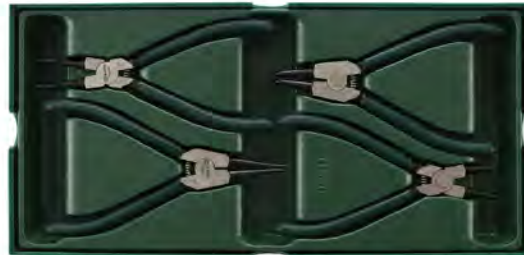


รุ่น	Length	Width	Height			G.W.	ราคา
09910	375 mm	185 mm	45 mm	0	4	6.3 kg.	2,460

ชุดกาตคีมถ่าง+ถอดแหวน 4 ชิ้น

4 Pc. Snap Ring Pliers Tray Set

- 1 - External Straight 7"
- 1 - External Curved 7"
- 1 - Internal Straight 7"
- 1 - Internal Curved 7"



รุ่น	Length	Width	Height			G.W.	ราคา
09911	375 mm	185 mm	45 mm	0	4	5.3 kg.	2,820

ชุดกาตคีม 4 ชิ้น

4 Pc. Pliers Tray Set

- 1 - Long Nose 6"
- 1 - Diagonal 6"
- 1 - Linesman 8"
- 1 - Plastic Flush Cutting 6"



รุ่น	Length	Width	Height			G.W.	ราคา
09912	375 mm	185 mm	45 mm	0	4	6.6 kg.	2,090

ชุดกาตไขควง 13 ชิ้น

13 Pc. Combination Screwdriver Tray Set

- 4 - Precision Slotted 1.0x40mm, 2.0x40mm, 2.4x40mm, 3.0x40mm
- 2 - Precision Phillips #0x40mm, #3x40mm
- 3 - T-Series Slotted 3x75mm, 5x75mm, 6x100mm
- 4 - T-Series Phillips #0x75mm, #1x75mm, #2x100mm, #3x150mm



รุ่น	Length	Width	Height			G.W.	ราคา
09913	375 mm	185 mm	45 mm	0	4	5.1 kg.	2,090

ชุดถาดลูกบอลกลม 3/8", 1/2" 36 ชิ้น

36 Pc. 3/8" and 1/2" Drive 6 Point Metric Impact Socket Tray Set

- 16 - 1/2" Dr. Metric Impact Sockets
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
- 13 - 3/8" Dr. Metric Impact Sockets
7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 1 - 3/8" Dr. Impact Extension Bar 3"
- 1 - 1/2" Dr. Impact Extension Bar 6"
- 1 - 1/4" F x 3/8" M Impact Adapter
- 1 - 1/2" F x 3/8" M Impact Adapter
- 1 - 3/8" F x 1/2" M Impact Adapter
- 1 - 3/4" F x 1/2" M Impact Adapter
- 1 - 1/2" Dr. Impact Universal Joint



รุ่น	Length	Width	Height			G.W.	ราคา
09914	375 mm	185 mm	45 mm	0	4	17.3 kg.	5,640

ชุดถาดลูกบอล 1/2" 26 ชิ้น

26 Pc. 1/2" Drive 6 Point Metric Socket Tray Set

- 20 - 6pt. Metric Sockets
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,
19, 20, 21, 22, 23, 24, 27, 30, 32 mm
- 5 - 6pt. Metric Deep Sockets 14, 17, 19, 21, 24 mm
- 1 - Quick-Release Ratchet



รุ่น	Length	Width	Height			G.W.	ราคา
09915	375 mm	185 mm	45 mm	0	4	15.5 kg.	3,680

ชุดถาดประแจเกียร์แหวนข้างปากตาย 19 ชิ้น

19 Pc. Metric Double Ratcheting Combination Wrench Tray Set

- 15 - Double Ratcheting Combination Wrenches
5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 mm
- 1 - 1/4" Dr. x 10 mm Quick Release Adapter
- 1 - 3/8" Dr. x 13 mm Quick Release Adapter
- 1 - 1/2" Dr. x 19 mm Quick Release Adapter
- 1 - 1/4" Dr. x 10 mm Bit Adapter

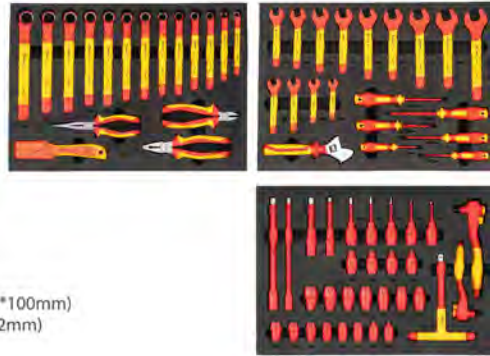


รุ่น	Length	Width	Height			G.W.	ราคา
09925	375 mm	185 mm	45 mm	0	4	9.2 kg.	6,800

ชุดเครื่องมือสำหรับรถยนต์

68Pc. NEV Repair Tool Set

- Applicable to tool trolley 95125 (tool trolley not included)
- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,12,13,14,16,17,18mm)
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 125mm
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 250mm
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 1Pc. 1/2" Dr. VDE Insulated Quick-Release Ratchets 250mm
- 1Pc. 1/2" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 1/2" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 11Pc. 1/2" Dr. VDE Insulated 6-Point Socket (10,11,12,13,14,16,17,19,21,22,24mm)
- 5Pc. 1/2" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8,10mm)
- 13Pc. VDE Insulated Open End Wrench (8,10,12,13,14,15,16,17,18,19,21,22,24mm)
- 13Pc. VDE Insulated Box Wrench (8,10,12,13,14,15,16,17,18,19,21,22,24mm)
- 1Pc. VDE Insulated Voltage-Withstanding Adjustable Wrench 8"
- 3Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0*60,#1*80,#2*100mm)
- 1Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5*75,4*100,5.5*125mm)
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 8"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 7"
- 1Pc. Insulated Voltage-Withstanding Linesman Pliers 8"
- 1Pc. Protected-Type VDE Insulated Cable Stripper



รุ่น



G.W.

ราคา

09928

1

1

10 kg

71,690

ชุดเครื่องมือช่างไฟฟ้า

39Pc. NEV Repair Tool Set

- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,11,12,13,14,17,19mm)
- 1Pc. 3/8" Dr. VDE Insulated T-shaped Handle 200mm
- 1Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions 125mm
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 4Pc. 3/8" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8mm)
- 7Pc. VDE Insulated Open End Wrench (7,8,10,12,13,14,17mm)
- 3Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0*60,#1*80,#2*100mm)
- 3Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5*75,4*100,5.5*125mm)
- 1Pc. G-Series VDE Insulated Circuit Tester 3*70mm
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 7Pc. VDE Insulated Torx® Hex Key (T10, T15, T20, T25, T27, T30, T40)



รุ่น



G.W.

ราคา

09933

1

1

6.9 kg

28,190

ชุดเครื่องมือช่างไฟฟ้า

59Pc. NEV Repair Tool Set

- 8Pc. 3/8" Dr. VDE Insulated 6-Point Socket (8,10,12,13,14,17,19,22mm)
- 1Pc. 3/8" Dr. VDE Insulated T-Shaped Handle 200mm
- 2Pc. 3/8" Dr. VDE Insulated Drive Wobble Extensions (125,250mm)
- 1Pc. 3/8" Dr. VDE Insulated Quick-Release Ratchets 200mm
- 4Pc. 3/8" Dr. VDE Insulated 6-Point Screwdriver Socket (4,5,6,8mm)
- 12Pc. VDE Insulated Open End Wrench (6,7,8,10,12,13,14,15,16,17,18,19mm)
- 1Pc. VDE Insulated Voltage-Withstanding Adjustable Wrench 8"
- 4Pc. T-Series Insulated Phillips Screwdriver Set with Two-Tone Handle (#0*60,#1*80,#2*100,#3*150mm)
- 4Pc. T-Series Insulated Slotted Screwdriver with Two-Tone Handle (2.5*75,4*100,5.5*125,6.5*150mm)
- 9Pc. VDE Insulated Torx® Screwdriver (T8,T10,T15,T20,T25,T27,T30,T40,T45)
- 1Pc. G-Series VDE Insulated Circuit Tester 3*70mm
- 1Pc. VDE Insulated Voltage-Withstanding Long Nose Pliers 8"
- 1Pc. VDE Insulated Voltage-Withstanding End Cutting Nippers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Diagonal Pliers 6"
- 1Pc. VDE Insulated Voltage-Withstanding Linesman Pliers 8"
- 1Pc. Insulated Voltage-Withstanding Cable Nippers 6"
- 6Pc. VDE Insulated Hex Key (2.5,3,4,5,6,8mm)
- 1Pc. Straight-Blade VDE Insulated Cable Stripper



รุ่น



G.W.

ราคา

09935

1

1

7.8 kg

45,950

68 ชิ้น+เครื่องมือ 4 ชั้น

68 pc.New Energy Vehicle Tool Set (With 4 Drawer 2 Door Trolley)



- All the tools in the set have been certified against German VDE, passing insulation withstand voltage test of 10000 V, and satisfying IEC/EN 60900 standards. Widely used for repair of new energy vehicles and electrical equipment



Nature of this product is subject to wear and tear upon usage.
Not covered under Lifetime Warranty.



รุ่น	Cutting Capacity	Overall Length	Overall Width	กล่อง	กล่อง	G.W.	ราคา
09948	3-30 mm	245 mm	210 mm	1	60	15.7 kg	99,000

- All the tools in the set have been certified against German VDE, passing insulation withstand voltage test of 10000 V, and satisfying IEC/EN 60900 standards. Widely used for repair of new energy vehicles and electrical equipment
- Tool List

12508	10MM series VDE insulated hexagon socket, 8MM	41315	VDE insulated open end wrench 15MM
12510	10MM series VDE insulated hexagon socket, 10MM	41316	VDE insulated open end wrench 16MM
12512	10MM series VDE insulated hexagon socket, 12MM	41317	VDE insulated open end wrench 17MM
12513	10MM series VDE insulated hexagon socket, 13MM	41318	VDE insulated open end wrench 18MM
12514	10MM series VDE insulated hexagon socket, 14MM	41319	VDE insulated open end wrench 19MM
12516	10MM series VDE insulated hexagon socket, 16MM	41321	VDE insulated open end wrench 21MM
12517	10MM series VDE insulated hexagon socket, 17MM	41322	VDE insulated open end wrench 22MM
12518	10MM series VDE insulated hexagon socket, 18MM	41324	VDE insulated open end wrench 24MM
12941	10MM series VDE insulated wobble socket 125MM	42408	VDE insulated box wrench 8MM
12942	10MM series VDE insulated wobble socket 250MM	42410	VDE insulated box wrench 10MM
12982	10MM series VDE insulated quick release ratchet wrench 200MM	42412	VDE insulated box wrench 12MM
12983	12.5MM series VDE insulated quick release ratchet wrench 250MM	42413	VDE insulated box wrench 13MM
12984	12.5MM series VDE insulated T-handle 200MM	42414	VDE insulated box wrench 14MM
12985	12.5MM series VDE insulated wobble socket 125MM	42415	VDE insulated box wrench 15MM
12986	12.5MM series VDE insulated wobble socket 250MM	42416	VDE insulated box wrench 16MM
14010	12.5MM series VDE insulated hexagon socket, 10MM	42417	VDE insulated box wrench 17MM
14011	12.5MM series VDE insulated hexagon socket, 11MM	42418	VDE insulated box wrench 18MM
14012	12.5MM series VDE insulated hexagon socket, 12MM	42419	VDE insulated box wrench 19MM
14013	12.5MM series VDE insulated hexagon socket, 13MM	42421	VDE insulated box wrench 21MM
14014	12.5MM series VDE insulated hexagon socket, 14MM	42422	VDE insulated box wrench 22MM
14016	12.5MM series VDE insulated hexagon socket, 16MM	42424	VDE insulated box wrench 24MM
14017	12.5MM series VDE insulated hexagon socket, 17MM	47102	VDE insulated and voltage withstand adjustable wrench 8"
14019	12.5MM series VDE insulated hexagon socket, 19MM	61221	T series insulated Phillips screwdriver with bicolor handle #0 x 60MM
14021	12.5MM series VDE insulated hexagon socket, 21MM	61222	T series insulated Phillips screwdriver with bicolor handle #1 x 80MM
14022	12.5MM series VDE insulated hexagon socket, 22MM	61223	T series insulated Phillips screwdriver with bicolor handle #2 x 100MM
14024	12.5MM series VDE insulated hexagon socket, 24MM	61321	T series insulated slotted screwdriver with bicolor handle #2.5 x 75MM
24404	12.5MM series VDE insulated hex bit socket 4MM	61323	T series insulated slotted with bicolor handle #4 x 100MM
24405	12.5MM series VDE insulated hex bit socket 5MM	61324	T series insulated slotted screwdriver with bicolor handle #5.5 x 125MM
24406	12.5MM series VDE insulated hex bit socket 6MM	70132	VDE insulated and voltage withstand long nose pliers 8"
24408	12.5MM series VDE insulated hex bit socket 8MM	70233	VDE insulated and voltage withstand diagonal cutting pliers 7"
24410	12.5MM series VDE insulated hex bit socket 10MM	70333	VDE insulated and voltage withstand linesman pliers 8"
41314	VDE insulated open end wrench 14MM	93470	VDE insulated wire stripper, with blade protector

ตู้เครื่องมือช่าง 4 ชั้น+เครื่องมือ 210 ชิ้น

210 Pc DR. Master Tool Set With Trolley SC09925



รุ่น	Overall Length	Overall Width	Overall Height			G.W.	ราคา
09925	77 mm	47 mm	89.6 mm	-	1	70 kg	92,000

- Customized tool set for all Mercedes models on sale

Layer 1

- 15-piece 12.5MM series bihexagon socket set(12,13,14,15,16,17,18, 19,21,22,24,26,27,30,32MM)
- 9-piece 10MM series hexagon socket set (8, 10, 11, 12, 13, 14, 15, 17, 19MM)
- 9-piece 6.3MM series hexagon socket set (6,7,8,9,10,11,12,13,14MM)
- 5-piece 6.3MM series Torx bit socket (T10, T15, T20, T25, T30)
- 6-piece 6.3MM series hex bit socket (3, 4, 5, 6, 7, 8MM)
- 3-piece 6.3MM series Phillips bit socket (#1, #2, #3)
- 1-piece 6.3MM series special quick release ratchet wrench 5"
- 2-piece 6.3MM series wobble socket set (2", 4")
- 1-piece 6.3MM series universal joint
- 1-piece 10MM series special quick release ratchet wrench 8"
- 2-piece 10MM series wobble socket set (3", 6")
- 1-piece 10MM series universal joint
- 1-piece 10MM series adapter (3/8" square hole x 1/4" square head)
- 1-piece 10MM series adapter (3/8" square hole x 1/2" square head)
- 1-piece 12.5MM series special quick release ratchet wrench 10"
- 2-piece 12.5MM series wobble socket set (5", 10")
- 1-piece 12.5MM series universal joint
- 1-piece 12.5MM series adapter (1/2" square hole x 3/8" square head)
- 7-piece 10MM series hex bit socket (3, 4, 5, 6, 7, 8, 10MM)
- 9-piece 10MM series Torx bit socket (T10, T15, T20, T25, T27, T30, T40, T45, T50)
- 1-piece 12.5MM series 50MM long Torx bit socket T55
- 3-piece 6.3MM series hexagon Torx socket (E6, E8, E10)
- 5-piece 10MM series hexagon Torx socket (E6, E8, E10, E12, E14)
- 6-piece 12.5MM series Torx socket (E14, E16, E18, E20, E22, E24)
- 2-piece 1/2" series long hexagon thin-wall impact socket (17, 19MM)
- 1-piece 10MM series spark plug socket 16MM
- 1-piece 10MM series thin-wall bihexagon spark plug socket 14MM
- 1-piece 12.5MM series direction control lever 15"
- 4-piece 12.5MM series 100MM long Torx bit socket (T30, T40, T45, T55)

Layer 2

- 19-piece full polish combination wrench (8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27MM)
- 3-piece full polish Torx wrench (E6xE8, E10xE12, E14xE18)
- 7-piece full polish combination wrench (8, 10, 12, 14, 16, 18, 21MM)
- 2-piece cap filter wrench (76MM, 14 sides; 84MM, 14 sides)
- 1-piece long-arm ball point hex key wrench set

Layer 3

- 8-piece A series Torx screwdriver (T8x75, T10x100, T15x100, T20x100, T25x100, T27x100, T30x100, T40x100MM)
- 4-piece A series slotted screwdriver (3.2x75, 5x75, 6x150, 5x300MM)
- 4-piece A series Phillips screwdriver (#0x75, #1x75, #2x150, #2x300MM)
- 1-piece A series slotted screwdriver with through blade 6x150MM
- 1-piece A series Phillips screwdriver with through blade #2x150MM
- 9-piece long center hole Torx wrench set
- 1-piece multi-use scissors 8"
- 5-piece punch set
- 14-piece feeler gauge set 0.05-1.00MM
- 1-piece flexible magnetic pickup tool 400MM x 1 KG
- 1-piece pry bars driver
- 1-piece water pump pliers 10"
- 1-piece long nose pliers 6"

Layer 4

- 1-piece air blow gun 250MM
- 1-piece linesman pliers 7"
- 1-piece diagonal cutting pliers 6"
- 1-piece slip-joint pliers 8"
- 1-piece curved jaw locking pliers 10"
- 1-piece German external snap ring pliers with straight tips 7"
- 1-piece German internal snap ring pliers with straight tips 7"
- 1-piece Kairui series steel tape measure 5 M x 19MM
- 1-piece FRP ball peen hammer 1.5 lb
- 1-piece dead blow soft rubber hammer 55MM
- 1-piece 13-section snap-off knife with movable plastic handle 9x80MM
- 5-piece interior trims remover set

ชั้นวางเครื่องมือ 3 ชั้น

3 Tray Tool Cart

- Easy to assemble
- Large casters and side handle for easy moving and parking
- Powder coated finish to prevent rust and scratches



รุ่น	Overall Width	Overall Depth	Overall Height			G.W.	ราคา
95222A	840 mm	400mm	920 mm	-	1	19.4 kg	6,500

ถังดูด-ถ่ายน้ำมันเครื่อง

OIL COLLECTION (Measuring Cup)



WARRANTY 1 YEAR

รุ่น	Oil storage Barrel	Measuring Cup	Oiling radius	Air supply	Overall Height	Maximum pumping speed	ราคา
AE5701	70L	10L	294MM	8-10BAR	1721MM	3L/MIN	19,500

แม่แรงยกเกียร์ 0.5 TON

0.5T Gearbox Carrier

- Safety valve design, ensuring less worry on safety
- High quality special hydraulic oil with the min. allowable temperature of -45°C
- Sophisticated workmanship, and chrome-plated pump core and piston rod
- Classic structure, specially-designed piston rod dust ring and pump core dust boot
- Fast rise and slow fall with speed limit and unloading structure (AE5822.html">AE5822)
- Special bracket head with 360° regulation (AE5822.html">AE5822)



WARRANTY 6 MONTHS (Oil Pump, Oil cylinder)

รุ่น	Rated load (ton)	Piston rod stroke level 1 (mm)	Piston rod stroke level 2 (mm)	Overall Height	Gross weight (kg)	Package size (cm)	ราคา
AE5821	0.5	475	475	1760	64	49x31x77	19,300

แม่แรง 3 ตัน แบบโหลดต่ำ

3 Tonne Heavy Duty Low Profile Service Jack

- Rated load: 3000 kg
- Rubber sheet on the tray, effectively protecting jack-up parts
- Technical performance up to the new American standard ASME PALD-2014
- Upgraded dual-pump cylinder with a maximum rated load increased to 3000Kg
- It can be lowered to a level of 78mm and raised to a level up to 502mm.
- Added rubber pad for tray



WARRANTY 6 MONTHS (Hidrolic System)

รุ่น	Product size (mm)	Rated load	Net weight	Highest position	Lowest position	ราคา
97813A	687x342x161	3000KG	35KG	502MM	78MM	1,100

แม่แรง 2.5 ตัน

Heavy Duty Service Jack 2.5 Tonne

- Built-in safety overload device prevents use beyond rated capacity
- Dual piston pump for rapid lifting
- Patent dual handle design for better leverage and a solid grip
- Universal joint release mechanism for precision control in any handle position



WARRANTY 6 MONTHS (Hidrolic System)

**ASME
PALD-2009**

รุ่น	Lift Capacity	Max Height	Min Height			G.W.	ราคา
97813	2.5 T	460 mm	130 mm	-	1	31.5 kg	9,000

ปั๊มลมยางแบบดิจิทัล

Digital Tyre Inflator

- LCD with high-brightness backlight, ensuring clearer display
- Aluminum body with rubber bushing, ensuring higher shockproof and impact-proof performance
- Stainless steel braided hose, ensuring bending resistance and longer service life
- Copper intake connector, ensuring high rust resistance and durability



WARRANTY 6 MONTHS

รุ่น	Measuring range	Reading accuracy	Product precision	MAX INLET PRE	External dimension	Weight	ราคา
98103	0.5-12 Bar / 174 Psi	0.01 Bar / 0.1Psi	measuring admissible error : 0.5-6Bar : JJG875 standard level0.2 ; 6-10Bar : JJG875 standard level0.5	15 Bar / 218 Psi	315 X 100 X 170 mm	0.95 kg	3,800

แม่เหล็กสายอ่อน

Flexible Magnetic Pick-Up Tool



- Acetate handle for greater strength, durability and impact resistance
- Long life soft shank surface with chrome plating can be any shape for working in any kind of working place
- High-strength magnets effectively adsorb the dropping workpiece

รุ่น	Size	Holding Capacity	Overall Length			G.W.	ราคา
64104	6 in	0.5 kg	502 m	12	48	0.13 kg	480

ถุงมือยึด PVC สองด้าน SATA

Point Plastic Glove Double-sided



รุ่น » ASF0008

ราคา » 40



Not covered under Lifetime Warranty.

ที่อุดหูไฟม SATA

Retractable Ratchet Screw Driver Set



รุ่น » FH301

ราคา » 6



Not covered under Lifetime Warranty.

ที่อุดหูไฟมแบบมีสาย SATA

Ear Plug With Cord



รุ่น » FH302

ราคา » 10



Not covered under Lifetime Warranty.

ที่อุดหูซิลิโคน SATA

Multi-Flanged Silicone Ear Plug Without Cord



รุ่น » FH0303

ราคา » 30



Not covered under Lifetime Warranty.

ที่อุดหูซิลิโคนแบบมีสาย SATA

Multi-Flanged Silicone Ear Plug With Cord



รุ่น » FH0304

ราคา » 40



Not covered under Lifetime Warranty.

ถุงมือช่าง SATA (L)

Full Leather Gloves (L)



รุ่น » FS0103

ราคา » 300

ถุงมือช่าง SATA (XL)

Full Leather Gloves (XL)



รุ่น » FS0104

ราคา » 300

ถุงมือเชื่อมนิ้วหัวแม่มือตรง (L)

Straight Finger Welding Gloves (L)



รุ่น » FS105

ราคา » 500



Not covered under Lifetime Warranty.

ถุงมือเคลือบไทร 9"

Latex Palm Coated Gloves 9"



รุ่น » FS0301

ราคา » 100



Not covered under Lifetime Warranty.

แว่นตานิรภัยกันกระแทก Anti-fog

Spectacle (Anti-Impact/Fog)



รุ่น » YF0102

ราคา » 160



Not covered under Lifetime Warranty.

แว่นตานิรภัย Anti-fog

Visitor Spectacle (Anti-Fog)



ถุงมือเชื่อมนิ้วหัวแม่มือตรง (XL)

Straight Finger Welding Gloves (XL)



รุ่น » FS106

ราคา » 500



Not covered under Lifetime Warranty.

แว่นตานิรภัยกันกระแทก

Spectacle (Anti-Impact)



รุ่น » YF0101

ราคา » 120



Not covered under Lifetime Warranty.

แว่นตานิรภัย

Visitor Spectacle



รุ่น » YF0103

ราคา » 120



Not covered under Lifetime Warranty.

รุ่น » YF0104

ราคา » 160



Not covered under Lifetime Warranty.

 **SATA®**
MADE TO CHALLENGE



**WE CHALLENGE
YOU TO FIND OUT.**



การรับประกันนี้จะดำเนินการซ่อมหรือเปลี่ยนสินค้า โดยปราศจากค่าใช้จ่ายใดๆ ทั้งสิ้น ทั้งนี้ขึ้นอยู่กับ
การพิจารณาของผู้ผลิต ผู้นำเข้าหรือผู้จัดจำหน่ายทางผู้ผลิตขอสิทธิในการเรียกคืนสินค้าและตรวจสอบ
การใช้งาน เพื่อประโยชน์ในการปรับปรุงคุณภาพเป็นกรณีไป การรับประกันสินค้าจะไม่ครอบคลุมถึง
สินค้าที่สึกหรอตามอายุการใช้งาน สินค้าที่ใช้จนผิดประเภท หรือมีการดัดแปลงให้ผิดไปจากวัตถุประสงค์
ในการใช้งาน หรือผ่านการซ่อมโดยผู้อื่น



ตัวด้ามจับของด้ามฟรี หรือประแจที่มีรอยบุบ
ที่แสดงว่าเกิดจากการใช้งานผิดประเภท
จะไม่มีอยู่ในเงื่อนไขการรับประกัน



ลูกบอลที่แกนมีลักษณะบิ่นหรือสึกเป็นรอยรอบ
เกิดจากการใช้ลูกกระแทกกลมหรือไฟฟ้า
ซึ่งถือเป็นการใช้งานผิดประเภทจะไม่มีอยู่ในเงื่อนไข
การรับประกัน



การแตกหักของปลายไขควง การงอของก้านไขควง
ที่เกิดจากการใช้ไขควงแทนสว่าน แชล หรืองานที่ไม่ใช่
งานขึ้นจะไม่มีอยู่ในเงื่อนไขการรับประกัน



การบิดเบี้ยวหรือการแตกหักของประแจ
เกิดจากการใช้งานผิดประเภท
โปรดใช้ประแจให้เหมาะสมกับงาน



LINE

แจ้งเคลมสินค้า