



INDUSTRIAL FINISH TOOLS



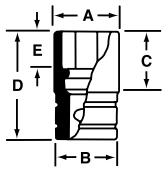
Snap-on Industrial Finish Products are identical to their nickel/chrome finished tools, except for the black finish and the addition of a side locking pin hole on most sockets and extensions. The black oxide finish provides rust protection for the tool. The industrial finish also eliminates the possibility of chrome flaking which is critical for FOD (Foreign Object Damage) prevention programs. The side locking pin hole built into each tool with a square drive opening provides positive socket retention to help prevent accidental separation when used with locking pin drive tools.

Snap-on power sockets and extensions have the black oxide finish, hardness and wall construction necessary for non-impact nut runner and industrial multi-spindle driver applications. Power and industrial finish sockets should never be interchanged with impact sockets.



Snap-on

Sockets - 1/4" Drive

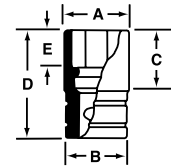


MGMS10A

MGMS12B



GSTMD14



1/4" Drive Flank Drive® Deep

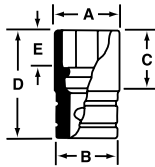
			A	B	C	D	E
3/16	GSTM6*	GSTMD6*	5/16	15/32	1 21/32	2	3/16
7/32	GSTM7*	GSTMD7*	11/32	15/32	1 21/32	2	7/32
1/4	GSTM8	GSTMD8	3/8	15/32	1 21/32	2	7/32
9/32	GSTM9	GSTMD9**	13/32	15/32	1 21/32	2	1/4
5/16	GSTM10	GSTMD10**	15/32	15/32	1 21/32	2	7/32
11/32	GSTM11	GSTMD11	1/2	15/32	1 21/32	2	9/32
3/8	GSTM12	GSTMD12	17/32	9/16	1 21/32	2	9/32
7/16	GSTM14	GSTMD14	5/8	9/16	1 21/32	2	3/8
1/2	GSTM16	GSTMD16	11/16	21/32	1 21/32	2	3/8
9/16	—	GSTMD18	3/4	23/32	1 21/32	2	3/8

*Conventional hex

**Larger bolt clearance diameter for servicing aerospace fasteners

1/4" Drive Flank Dr.® - Deep Magnetic-Spring Loaded

mm		A	B	D	E
7	MGMS7A	10.7	12.4	50.8	5.8
8	MGMS8A	11.8	12.4	50.8	5.8
10	MGMS10A	14.1	14.1	50.8	6.4
11	MGMS11B	15.6	15.6	50.8	6.4
12	MGMS12B	17.3	17.3	50.8	7.1
13	MGMS13A	18.1	18.1	50.8	7.6



1/4" Drive Flank Drive® Shallow

			A	B	C	D	E
5/32	GTM05*	—	9/32	15/32	1/2	7/8	5/32
3/16	GTM6*	GTMD6*	9/32	15/32	1/2	7/8	5/32
7/32	GTM7*	GTMD7*	11/32	15/32	1/2	7/8	3/16
1/4	GTM8	GTMD8	3/8	15/32	1/2	7/8	7/32
9/32	GTM9	GTMD9	13/32	15/32	1/2	7/8	1/4
5/16	GTM10	GTMD10	15/32	15/32	1/2	7/8	9/32
11/32	GTM11	GTMD11	1/2	15/32	5/16	7/8	9/32
3/8	GTM12	GTMD12	17/32	1/2	1/2	7/8	9/32
7/16	GTM14	GTMD14	19/32	9/16	1/2	7/8	3/8
1/2	GTM16	GTMD16	11/16	21/32	1/2	7/8	3/8
9/16	—	GTMD18	25/32	23/32	1/2	29/32	3/8

*Conventional hex

Flank Drive® Deep Magnetic-Spring Loaded

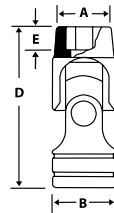
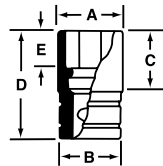
		A	B	D	E
1/4	MGMS8A	3/8	7/16	2	3/32
5/16	MGMS10A	3/8	15/32	2	5/16



GTMD16



MGM14C



1/4" Drive Flank Drive® Shallow Magnetic

		A	B	D	E
1/4	MGM8D	7/16	1/2	7/8	3/32
5/16	MGM10C	1/2	1/2	15/16	3/32
3/8	MGM12C	9/16	19/32	15/16	1/8
7/16	MGM14C	11/16	11/16	15/16	1/8



GSTMU101A

GTMU141A

1/4" Drive Flank Drive® Shallow Magnetic

mm		A	B	D	E
5.5	MGMM5.5	9.9	12.4	22.2	1.9
7	MGMM7	11.5	14.0	22.2	2.0
8	MGMM8	12.7	14.0	22.2	2.4
10	MGMM10	14.8	14.8	23.8	3.1

1/4" Drive Flank Drive® Shallow Universal

mm		A	B	D	E
13	GTMUSM13A	17.3	12.7	36.8	7.6

1/4" Drive Flank Drive® Shallow Universal

		A	B	D	E
7/32	GTMU71A	11/32	1/2	1 17/64	1/4
	GTMU101ANP	15/32	1/2	1 11/32	9/32
	GTMU121ANP	17/32	1/2	1 27/64	9/32
7/16	GTMU141A	19/32	1/2	1 29/64	13/32
	GTMU161NP	11/16	1/2	1 33/64	13/32
	GTMU181NP	3/4	1/2	1 35/64	13/32

1/4" Drive Flank Drive® Deep Universal

		A	B	D	E
5/16	GSTMU101A	15/32	15/32	1 11/16	9/32

Sockets - 3/8" Drive



MFIM101

3/8" Drive Shallow Magnetic

		A	B	D	E
5/16	MFIM101	15/32	11/16	1 1/16	3/32
3/8	MFIM121	17/32	11/16	1 1/16	1/8
7/16	MFIM141	5/8	11/16	1 1/16	5/32
1/2	MFIM161	25/32	25/32	1 1/16	5/32
9/16	MFIM181	7/8	7/8	1 1/16	5/32



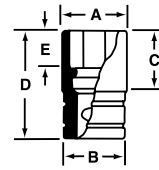
MFIMM15

3/8" Drive Shallow Magnetic

			A	B	D	E
10	MFIMM10A	MFIMMD10	15.1	17.2	29.1 (28.6)*	4.7 (7.1)*
12	MFIMM12	—	18.1	19.1	28.6	3.7
13	MFIMM13	—	19.4	19.4	28.6	3.9
15	MFIMM15	—	21.6	21.8	28.6	3.9

*Dimensions in () apply to 12-point sockets only.

MFIMMD10 Applications: For use on Detroit Diesel 60 series. Use on the three camshaft gear thrust plate bolts located inside the camshaft gear cover within the front gear case on the engine. The technician has to go through the cover to start the bolts. If one is dropped, it is very labor intensive and time consuming to retrieve. Applies to 2002 and later 60 series Detroit Diesel engines with the compact gear case. Earlier engines with the tall gear case have 13mm six point bolts. Please use MFIMM13 for this application.



GSF181

GSFS201

3/8" Drive Flank Drive® Deep

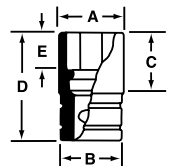
			A	B	C	D	E
1/4	GSFS081	GSF081	15/32	11/16	1 11/16	2 1/8	1/4
5/16	GSFS101	GSF101	15/32	11/16	1 11/16	2 1/8	7/32
3/8	GSFS121	GSF121	9/16	11/16	1 11/16	2 1/8	5/16
7/16	GSFS141	GSF141	5/8	11/16	1 11/16	2 1/8	3/8
1/2	GSFS161	GSF161	23/32	11/16	1 11/16	2 1/8	7/16
9/16	GSFS181	GSF181	25/32	23/32	1 29/32	2 3/8	7/16
5/8	GSFS201	GSF201	27/32	13/16	1 29/32	2 3/8	15/32
11/16	GSFS221	GSF221	15/16	7/8	2 3/16	2 5/8	1/2
3/4	GSFS241	GSF241	1	1	2 3/16	2 5/8	5/8
13/16	GSFS261	GSF261	1 1/16	1	2 1/4	2 3/4	5/8
7/8	GSFS281	GSF281	1 5/32	1 1/8	2 1/4	2 3/4	23/32
15/16	GSFS301	GSF301	1 1/4	1 3/16	2 1/4	2 3/4	23/32
1	GSFS321	GSF321	1 5/16	1 1/4	2 1/4	2 3/4	13/16

ASME/ANSI B107.1-2002



GFS181

GF201



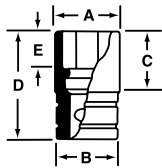
DFSM10

3/8" Deep Surface Drive

		A	B	C	D	E
10	DFSM10	14.5	17.2	42.5	54.0	8.4



SMFIMM13B

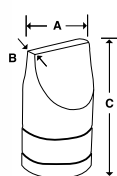


3/8" Drive Deep Magnetic-Spring Loaded

		A	B	D	E
10	SMFIMM10B	15.1	17.2	50.8	7.1
12	SMFIMM12B	18.1	19.1	50.8	7.1
13	SMFIMM13B	19.4	19.4	50.8	7.6



GF22



3/8" Drive Drag Link

Stock No.	A	B	C
GF22	1 1/16	7/64	1 1/4

Applications include use on the engine oil fill cap on Kawasaki UN1500, UN1600 and UN2000 motorcycles.



GFM9A

3/8" Drive Flank Drive® Shallow

			A	B	C	D	E
1/4	GFS081	GF081	13/32	11/16	7/16	29/32	7/32
5/16	GFS101	GF101	15/32	11/16	7/16	29/32	1/4
11/32	—	GF111	1/2	11/16	7/16	29/32	9/32
3/8	GFS121	GF121	9/16	11/16	7/16	29/32	9/32
7/16	GFS141	GF141	5/8	11/16	7/16	29/32	9/32
1/2	GFS161	GF161	23/32	11/16	1/2	15/16	5/16
9/16	GFS181	GF181	25/32	3/4	1/2	1 1/32	3/8
19/32	—	GF191	13/16	25/32	9/16	1 1/16	3/8
5/8	GFS201	GF201	27/32	25/32	19/32	1 3/32	1/2
11/16	GFS221	GF221	15/16	7/8	5/8	1 1/8	17/32
3/4	GFS241	GF241	1	15/16	11/16	1 3/16	15/32
13/16	GFS261	GF261	1 1/16	1	11/16	1 7/32	1/2
7/8	GFS281	GF281	1 5/32	1 1/32	23/32	1 9/32	9/16
15/16	GFS301	GF301	1 1/4	1 3/16	25/32	1 11/32	9/16
1	GFS321	GF321	1 5/16	1 1/4	13/16	1 3/8	19/32

3/8" Drive Flank Drive® Shallow

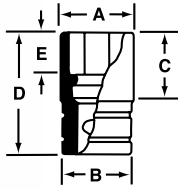
		A	B	C	D	E
9	GFM9A	13.1	17.2	11.0	23.0	7.1

Sockets - 1/2" Drive

1/2" Drive Flank Drive® Deep



GTS241



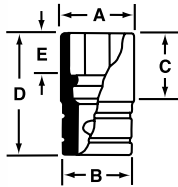
			A	B	C	D	E
3/8	GTS121A	—	19/32	29/32	2 5/8	3 1/4	5/16
7/16	GTS141A	—	3/4	29/32	2 5/8	3 1/4	11/32
1/2	GTS161A	GS161A	3/4	29/32	2 5/8	3 1/4	13/32
9/16	GTS181A	GS181A	13/16	29/32	2 5/8	3 1/4	13/32
5/8	GTS201	GS201	15/16	7/8	1 31/32	3 1/4	15/32
11/16	GTS221	GS221	31/32	29/32	1 31/32	3 1/4	1/2
3/4	GTS241	GS241	1 1/32	31/32	2 5/8	3 1/4	9/16
13/16	GTS261	GS261	1 1/8	1 1/16	2 5/8	3 1/4	9/16
7/8	GTS281	GS281	1 3/16	1 1/8	2 5/8	3 1/4	9/16
15/16	GTS301	GS301	1 9/32	1 7/32	1 31/32	3 1/4	3/4
1	GTS321	GS321	1 11/32	1 9/32	1 31/32	3 1/4	3/4
1 1/16	GTS341	GS341	1 7/16	1 3/8	1 31/32	3 1/4	3/4
1 1/8	GTS361	GS361	1 1/2	1 7/16	1 31/32	3 1/4	1 3/16
1 3/16	GTS381	GS381	1 5/8	1 9/16	2 5/8	3 1/4	1 3/16
1 1/4	GTS401	GS401	1 11/16	1 5/8	2 5/8	3 1/4	1

ASME/ANSI B107.1-2002

1/2" Drive Flank Drive® Shallow



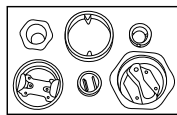
GSW181A



			A	B	C	D	E
3/8	GTW121A	GSW121A	19/32	29/32	7/8	1 1/2	5/16
7/16	GTW141A	GSW141A	11/16	29/32	7/8	1 1/2	11/32
1/2	GTW161A	GSW161A	3/4	29/32	7/8	1 1/2	13/32
9/16	GTW181A	GSW181A	13/16	29/32	7/8	1 1/2	13/32
5/8	GTW201	GSW201	15/16	7/8	7/8	1 1/2	15/32
11/16	GTW221	GSW221	31/32	29/32	7/8	1 1/2	1/2
3/4	GTW241	GSW241	1 1/32	31/32	7/8	1 1/2	9/16
13/16	GTW261	GSW261	1 1/8	1 1/16	7/8	1 1/2	9/16
7/8	GTW281	GSW281	1 3/16	1 1/8	7/8	1 1/2	25/32
15/16	GTW301	GSW301	1 9/32	1 7/32	27/32	1 17/32	3/4
1	GTW321	GSW321	1 11/32	1 9/32	7/8	1 9/16	3/4
1 1/16	GTW341	GSW341	1 7/16	1 3/8	1 31/32	1 11/16	3/4
1 1/8	GTW361	GSW361	1 1/2	1 7/16	1 31/32	1 3/4	1 3/16
1 3/16	—	GSW381	1 5/8	1 9/16	1 1/8	1 3/4	3/4
1 1/4	GTW401	GSW401	1 11/16	1 5/8	1 1/4	1 7/8	3/4



A172A

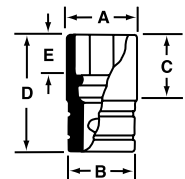


1/2" Drive Flank Drive® Drum Plug

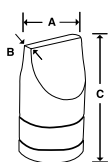
A172A One socket removes virtually all screws in drum plugs or caps. Spring-loaded inner wrench handles smaller plugs and recesses automatically when removing large plugs. Use with a 1/2" drive ratchet or impact wrench.



MPK121A



A26A



1/2" Drive Drag Link

Stock No.	A	B	C
A26A	3/4	.109	1 11/16
A17A	15/16	.150	1 11/16
A15A	1 3/16	.150	1 11/16

1/2" Drive Flank Drive®/Magnetic

		A	B	D	E
3/8	MPK121A	19/32	7/8	1 1/2	1/8
7/16	MPK141A	11/16	7/8	1 1/2	5/32
1/2	MPK161A	25/32	15/16	1 1/2	5/32
9/16	MPK181A	7/8	15/16	1 1/2	5/32

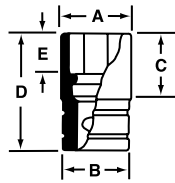
Sockets - 1/2" Drive



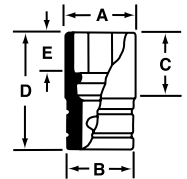
DTS16A



DTSM13A



P412



1/2" Drive Surface Drive Deep

		A	B	C	D	E
1/2	DTS16A	3/4	29/32	2 19/32	3 1/4	13/32
9/16	DTS18A	13/16	29/32	2 19/32	3 1/4	13/32

1/2" Drive Surface Drive Deep

		A	B	C	D	E
13	DTSM13A	19.3	21.8	65.8	82.6	10.2
15	DTSM15A	22.3	21.8	65.8	82.6	10.7

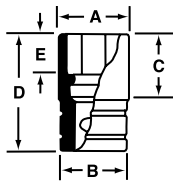
- Surface drive sockets will engage with a fastener while rotating on a power nut runner



DTM15A

1/2" Drive Surface Drive Shallow

		A	B	C	D	E
15	DTM15A	22.3	22.9	21.3	38.1	10.7



SPM19

1/2" Drive Flank Drive® Deep

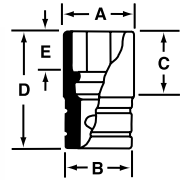
		A	B	C	D	E
17	SPM17	24.6	24.6	66.6	82.6	12.7
19	SPM19	26.4	26.4	64.8	82.6	11.9
21	SPM21	28.3	28.3	64.8	82.6	12.3



SIPR426



SIPRL436



1/2" Drive Deep Double Square

		A	B	C	D	E
13/16	SIPR426	1 7/16	1 3/8	2 9/16	3 1/4	5/8
1	SIPR432	1 3/4	1 1/2	2 11/16	3 1/2	3/4
1 1/8	SIPR436	1 15/16	1 51/64	2 23/32	3 1/2	27/32

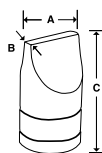
1/2" Drive Extra Deep Double Square

		A	B	C	D	E
1 1/8	SIPRL436	1 15/16	1 1/2	4 13/32	5	27/32

Sockets - 3/4" Drive



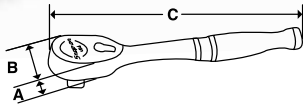
GLD138



3/4" Drive Drag Link

Stock No.	B x A	A	B	D
GLD138	13/64 x 1 3/8	1 3/8	13/64	2 3/16
GLD139	1/4 x 1 11/16	1 11/16	1/4	2 3/16

Dual 80® Ratchets

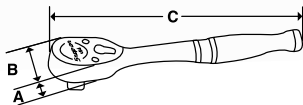


Dual 80® Technology

Stock No.	Drive Size	Description	Gear Teeth	Swing Arc	A	B	C	Repair Kit
GT72	1/4	Standard Handle, Industrial Finish	72	5°	7/16	15/16	4 7/16	RKRT72
GF80	3/8	Standard Handle, Industrial Finish	80	4.5°	9/16	1 1/4	7 7/16	RKRF80
GFL936NP	3/8	Long Handle, Industrial Finish	36	10°	5/8	1 5/32	10 5/16	RKRF936
GS80	1/2	Standard Handle, Industrial Finish	80	4.5°	3/4	1 5/8	10 5/16	RKRS80

ASME/ANSI B107-10M-2005

FOD Ratchets



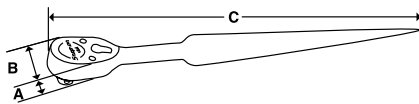
FOD Ratchets feature rivets instead of screws.

FOD Ratchets

Stock No.	Drive Size	Description	Gear Teeth	Swing Arc	A	B	C
GT936FODNP	1/4	Standard Handle, Industrial Finish	36	10°	3/8	1 7/32	4 7/16
GTL936FODNP	1/4	Long Handle, Industrial Finish	36	10°	3/8	1 7/32	6 1/2
GF936-FODNP	3/8	Standard Handle, Industrial Finish	36	10°	5/8	1 5/32	7 11/32
GS936FODNP	1/2	Standard Handle, Industrial Finish	36	10°	3/4	1 5/8	15

ASME/ANSI B107-10M-2005

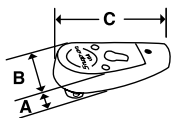
Special Application Ratchets



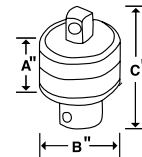
Spud Ratchet

Stock No.	Drive Size	Description	Gear Teeth	Swing Arc	A	B	C	Repair Kit
GSP936	1/2	Spud	36	10°	3/4	1 5/8	15 5/8	RKRGSP936-1

GSP936 Spud Ratchet. The "spud" ratchet is ideal for lining up holes in scaffolding and other construction jobs. A long reverse lever provides easy reversing while wearing heavy work gloves. Locking button retention. Taper diameter is 3/16"-7/8". Taper length is 8".



GL872



GF77

Ratchet Heads

Stock No.	Drive Size	Description	Gear Teeth	Swing Arc	A	B	C	Repair Kit
GL872	3/4	Sealed	32	11°	1 1/4	2 1/2	5 15/16	RKRQC4
GL873	1	Sealed	30	12°	1 1/2	3 1/8	7 7/8	RKRQC5

Ratchet Adaptor

Stock No.	Drive Size	Gear Teeth	Swing Arc	A	B	C
GTM77NP	1/4	20	18°	5/8	15/16	1 3/8
GF77NP	3/8	20	18°	13/16	1 3/16	2

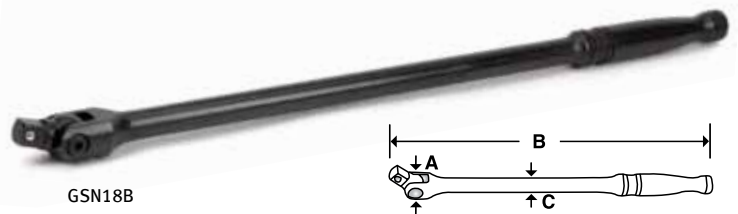
ASME/ANSI B107.10M-1996

Breaker Bars

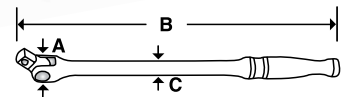
Breaker Bars

Stock No.	Drive Size	Description	A	B	C	Repair Kit
GTM10GNP	1/4	Standard Handle, Industrial Finish	5/16	6	19/32	—
GF10LCNP	3/8	Long Handle, Industrial Finish	3/4	9 9/16	15/32	—
GSN18B*	1/2	Standard Handle, Industrial Finish	1 1/8	18	11/16	RKBB3

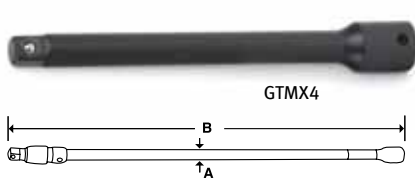
*ASME/ANSI B107.10M-2005



GSN18B



Extensions



1/4" Drive Knurled

Stock No.	A	B
GTMX2*	5/16	2
GTMX4*	5/16	4
GTMX60*	5/16	6
GTMXK80	5/16	8
GTMXK110	5/16	11
GTMX140*	5/16	14

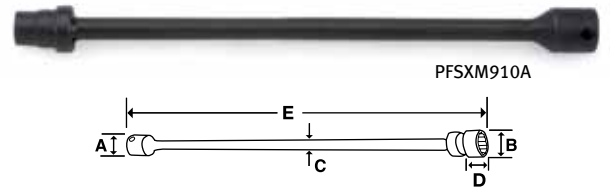
*Not knurled •ASME/ANSI B107.10-2005



3/8" Drive Knurled

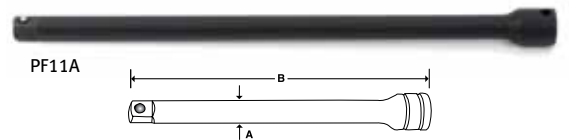
Knurling at the drive end provides for easy fingertip turning.

Stock No.	A	B
GFX1	1/2	1 1/2
GFXK3	13/32	3
GFXK6	13/32	6
GFXK8	13/32	8
GFXK11	13/32	11



3/8" Drive Swivel Ball Extension

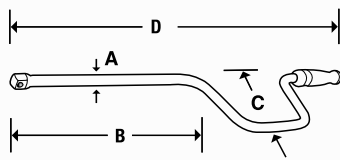
mm	6	12	A	B	C	D	E
10	PFSXM910A	—	17.2	14.4	10	14.4	243.4
12	PFSXM912A	—	17.2	17.2	10	17	244.6
13	—	GFLXM13	19.1	19.1	9.5	17.3	320.3



3/8" Drive (Power) Locking Button

Use with impact sockets with retention holes.

Stock No.	A	B
PF3	1/2	3
PF6	1/2	6
PF11A	1/2	11



GF4LBNP

GTMS4ENP

1/4" Drive Speeders

Stock No.	A	B	C	D
GTMS4ENP	5/16	7 1/8	3	16

3/8" Drive Speeders

Stock No.	A	B	C	D
GF4LBNP	13/32	7 7/8	3 1/2	17 27/32



GSXWK11

GSXK5

"WOBBLE"
DRIVE

16°

1/2" Drive Wobble

- Provides 16° of additional accessibility
- Knurled shanks for easy fingertip turning

Stock No.	A	B
GSXW2*	5/8	2
GSXWK5NP	5/8	5
GSXWK11	5/8	11

*Not Knurled ASME/ANSI B107.10-2005

1/2" Drive Extensions

Stock No.	A	B
GSXK3	5/8	3 1/2
GSXK5	5/8	5
GSXK11	5/8	11

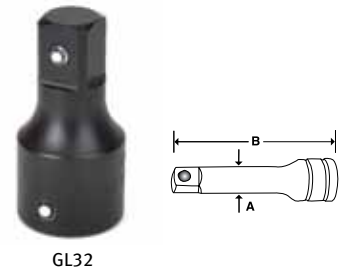
ASME/ANSI B107.10M-1996



PS2

1/2" Drive (Power) Lock Button Retention

Stock No.	A	B
PS2	5/8	2
PS3	5/8	3 1/2
PS5	5/8	5
PS10	5/8	10

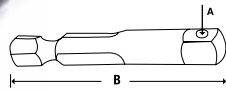


GL32

3/4" Drive Extensions-Locking Button

Stock No.	A	B
GL32	15/16	3
GL42	15/16	5
GL62	15/16	8
GL122	15/16	16

Accessories



GMB3041

1/4" Drive Hex Shank (Power)

- 1/4" hex size; 1" length of hex

Stock No.	A	B
GMB3041*	Friction Ball	1
GMB3042	Friction Ball	2
GMB3046	Friction Ball	6
GM3042A	Lock Button	2
GM3043	Lock Button	4
GM3046	Lock Button	6
GM3048	Lock Button	8

*Insert Bit Style-non impact

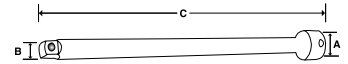


GAX12

1/2" Drive Extension Adaptors

Stock No.	A (Drive Size)	B	C
GAX5	1/2	3/8	5
GAX12	1/2	3/8	12
GAX24	1/2	3/8	23 1/4
GAX36	1/2	3/8	36

ASME/ANSI B107.10-2005

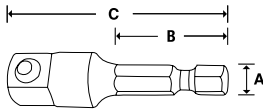


PA2A

GLA12B

GLA72A

GLA124A

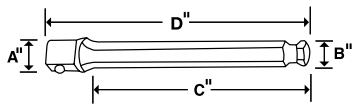


3/8" Drive Hex Shank (Power)

- Lock Button

Stock No.	A	B	C
A3042	1/4	1	2
A3046	1/4	1 1/4	6
A3017A	7/16	1 1/4	1 3/4

A3042

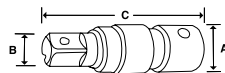


1/2" Drive Hex Shank (Power)

- Lock Button

Stock No.	A	B	C	D
A3011A	1/2	7/16	1 1/4	2 3/4

A3011A



1/2" Drive Locking Adaptors

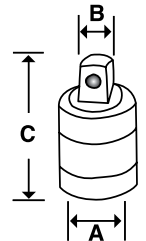
Stock No.	A (Drive Size)	B	C
GALX3	1/2	1/2	3 1/8

ASME/ANSI B107.10M

GALX3

Adaptors

Stock No.	A (Drive Size)	B	C
GFAT1E	3/8	1/4	1 1/4
GTA3	1/4	3/8	15/16
GAF2A	3/8	1/2	1 5/16
GSAF1E	1/2	3/8	1 13/16
PA2A*†	3/8	1/2	1 5/16
PA4E*	1/2	3/8	1 13/16
GLA12B	1/2	3/4	1 7/8
GLAS1E	3/4	1/2	2 7/16
GLA72A	3/4	1	2 5/8
GLA124A	1	3/4	2 3/4



*Power Adaptor

†Locking Button



GFU8A



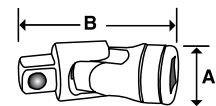
PFU8A



GU8

Universal Joints

Stock No.	Drive Size	A	B
GTMU8BNP	1/4	1/2	1 5/16
GFU8A	3/8	3/4	2 1/16
PFU8A*	3/8	3/4	1 31/32
GU8	1/2	15/16	2 11/16



- GFU8A: ASME/ANSI B107.10
- GU8: ASME/ANSI B107.10M-1996



*Locking Button

Sockets - Hex



GTMA8E

1/4" Drive Hex Bit/Standard




		A	B (Replacement Bit)	Length with Opt. Long Bit	Optional Long Bit
1/16	—	1 7/8	TMA2E2A	6	TMAL2E2
9/64	GTMA2.5E	1 7/8	TMA2.5E2	6	TMAL2.5E2
3/32	GTMA3E	1 7/8	TMA3E2	6	TMAL3E2
7/64	—	1 7/8	TMA3.5E2	6	TMAL3.5E2
1/8	GTMA4E	1 7/8	TMA4E2	6	TMAL4E2
9/64	—	1 7/8	TMA4.5E2	6	TMAL4.5E2
5/32	GTMA5E	1 7/8	FA5E2	—	—
3/16	GTMA6E	1 15/16	FA6E2	—	—
7/32	GTMA7E	1 7/8	FA7E2	—	—
1/4	GTMA8E	1 7/8	FA8E2	—	—



GFA10E

3/8" Drive Hex Bit/Standard

Set Contains:



		A	B (Replacement Bit)	Fits These Cap Screws	Fits These Set Screws	
1/8	GFA4E	2 1/16	TMA4E2	—	1/4	•
9/64	GFA4.5E	2 1/16	TMA4.5E2	#8	—	•
5/32	GFA5E	2 1/16	FA5E2	#10	5/16	•
3/16	GFA6E	2 1/16	FA6E2	1/4	3/8	•
7/32	GFA7E	2 1/16	FA7E2	—	7/16	•
1/4	GFA8E	2 1/16	FA8E2	5/16	1/2	•
5/16	GFA10E	2 1/16	FA10E2	3/8	5/8	•
3/8	GFA12E	2 3/32	FA12E2	7/16 and 1/2	3/4	•

NOTE: Optional long bits are not included in the listed sets.



PFA8E



3/8" Drive Hex Bit (Power)

		A	Fits These Cap Screws	Fits These Set Screws	B (Replacement Bit)
1/8	PFA4E	2 1/16	—	1/4"	TMA4E2
9/64	PFA4.5E	2 1/16	#8	—	TMA4.5E2
5/32	PFA5E	2 1/16	#10	5/16"	FA5E2
3/16	PFA6E	2 1/16	1/4"	3/8"	FA6E2
7/32	PFA7E	2 1/16	—	5/16"	FA7E2
1/4	PFA8E	2 1/16	7/16"	1/2"	FA8E2
5/16	PFA10E	2 1/16	3/8"	5/8"	FA10E2
3/8	PFA12E	2 1/16	1/4" & 1/2"	3/4"	FA12E2



PFAM6E



3/8" Drive Hex Bit (Power)

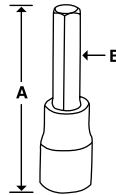
		A	B (Replacement Bit)
4	PFAM4E	2 1/16	FAM4E2
5	PFAM5E	2 1/16	FAM5E2
6	PFAM6E	2 1/16	FAM6E2
7	PFAM7E	2 1/16	FAM7E2
8	PFAM8E	2 1/16	FAM8E2
9	PFAM9E	2 1/16	FAM9E2
10	PFAM10E	2 1/16	SAM10E2



PSA10E



1/2" Drive Hex Bit (Power)

		A	B (Replacement Bit)
5/16	PSA10E	2 7/16	FA10E2
3/8	PSA12E	2 9/16	SA12E2
7/16	PSA14E	2 7/8	SA14E2
1/2	PSA16E	3 1/16	SA16E2
9/16	PSA18E	3 1/8	SA18E2
5/8	PSA20E	3 7/16	LAW120E2
3/4	PSA24E	4 1/16	LAW124E2



GSA10E

1/2" Drive Hex Bit/Standard


		A	B (Replacement Bit)
5/16	GSA10E	2 3/8	FA10E2
3/8	GSA12E	2 1/2	SA12E2
7/16	GSA14E	2 7/8	SA14E2
1/2	GSA16E	3 1/16	SA16E2
9/16	GSA18E	3 3/16	SA18E2
5/8	GSA20E	3 11/32	LAW120E2
3/4	GSA24E	4 1/16	LAW124E2

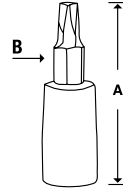
Sockets - Torx® & Mortorq®



GTTX15E


★ 1/4" Drive Torx® Bit / Standard

	Stock No.	A	B (Replacement Bit)
T8	GTTX8E	1 9/16	TTX8E2
T10	GTTX10E	1 9/16	TTX10E2
T15	GTTX15E	1 9/16	TTX15E2
T20	GTTX20E	1 9/16	TTX20E2
T25	GTTX25E	1 9/16	TTX25E2




PTTX20E

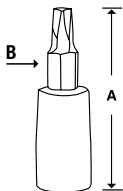
★ 1/4", 3/8", 1/2" Drive Torx® Bit/Power Drivers

	Stock No.	Drive Size	A	B (Replacement Bit)
T20	PTTX20E	1/4	1 9/16	PTTX20E2
T25	PTTX25E	1/4	1 9/16	PTTX25E2
T27	PFTX27E	3/8	1 3/4	PTTX27E2
T30	PFTX30E	3/8	1 3/4	PTTX30E2
T40	PFTX40E	3/8	1 3/4	PTTX40E2
T45	PSTX45E	1/2	2 7/16	PTTX45E2
T50	PSTX50E	1/2	2 7/16	PTTX50E2
T50	PSTX500*	1/2	2 7/16	PTTX500E2
T55	PSTX55E	1/2	2 7/16	PTTX55E2

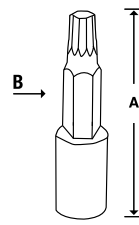
* GM Style

★ 3/8" Drive Torx® Bit / Standard

	Stock No.	A	B (Replacement Bit)
T27	GFTX27E	1 3/4	FTX27E2
T30	GFTX30E	1 3/4	FTX30E2
T40	GFTX40E	1 3/4	FTX40E2
T45	GFTX45E	2 1/16	FTX45E2
T50	GFTX50E	2 1/16	FTX50E2
T55	GFTX55E	2 1/32	FTX55E2




GFTX45E



PFMTS4E

★ 3/8" Drive Mortorq® / Super Bit

	Stock No.	A	B (Replacement Bit)
MTS-0	PFMTS0E	—	PFMTS0E2
MTS-1	PFMTS1E	1 3/4	PFMTS1E2
MTS-4	PFMTS4E	2 1/8	PFMTS4E2

Sockets - Screwdriver Bit



Phillips® Clutch Bit/Standard

		Stock No.	Drive Size	A	B (Replacement Bit)
Standard Length	#1	GTMP12E	1/4	1 7/8	TMP12E2
	#2	GFP22E	3/8	2 1/16	FP22E2

3/8" Drive Flat Tip Bit

		Stock No.	A	B (Replacement Bit)
		GF23ENP	3	—
Standard Length	5/16 x 3/64	GF25E	3	F25E2A
	3/8 x 1/16	GF31E	3 7/16	F31E2A
Short	3/8 x 1/16	GF62E	1 27/32	F62E2

Screwdrivers



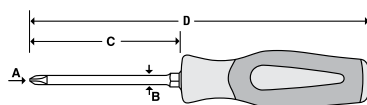
Electronic Thin Blade

- Recessed ends for fingertip pressure

Stock No.	A	B	C	D
GSSDE42CNP	.018 x 1/8	1/8	2	5 5/16
GSSDE44CNP	.018 x 1/8	1/8	4	7 5/16
GSSDE46CNP	.018 x 1/8	1/8	6	9 5/16
GSSDE63CNP	.030 x 3/16	3/16	3	9 9/16
GSSDE64CNP	.028 x 3/16	3/16	4	7 9/16
GSSDE66CNP	.030 x 3/16	3/16	6	6 9/16
GSSDE68CNP	.028 x 3/16	3/16	8	11 9/16

Screwdrivers

Stock No.	A	B	C	D
GSDD146NP	.03 x 3/16	3/16	6	9 7/16
GSDD460NP	.032 x 1/4	1/4	6	9 11/16
GSDD480NP	.032 x 1/4	1/4	8	11 11/16
GSDD48NP	.05 x 5/16	5/16	8	13 7/16



Screwdriver Bit Sockets

- For use w/ standard 1/4" hex SDM series screwdriver bits

Stock No.	Description
GTMC109NP	1/4" drive quick change coupler with retaining ring.
GFBS8NP	3/8" drive, 1/4" hex opening with retaining ring.

Instinct® Hard Grip Handle

Combination Screwdriver Set

Set Contains: GSHDX80R

Stock No.	A	B	C	D	
GSHD1R*	.037	1/4	1 1/2	3 3/4	•
GSHD2R	.032	7/32	2 7/8	7	•
GSHD4R	.037	1/4	4	8 7/8	•
GSHD6R	.046	5/16	6	10 27/32	•
GSHD8R	.050	3/8	8	13 13/32	•
GSHDP22IR*	#2	1/4	1 1/2	3 3/4	•
GSHDP31R	#1	3/16	3	7 1/4	•
GSHDP42R	#2	1/4	4	8 7/8	•

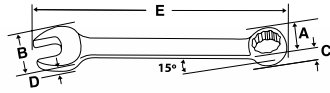
*Does not include hex bolster.

Magnetic Screwdriver Bit Socket

- For use w/ standard 1/4" hex SDM series screwdriver bits

Stock No.	Description
GTMBS8A	Magnetic, 1/4" drive, 1/4" hex opening.

Wrenches



GOEX20B

Flank Drive® Combination Standard Length

11	12	Set Contains:								
		A	B	C	D	E	12	12	12	12
5/16	GOEX10B	1/2	21/32	7/32	5/32	5 3/4	•			
3/8	GOEX12B	19/32	13/16	5/16	3/16	6 1/2	•	•	•	•
7/16	GOEX14B	21/32	29/32	5/16	7/32	7 1/4	•	•	•	•
1/2	GOEX16B	3/4	1 1/16	11/32	1/4	8	•	•	•	•
9/16	GOEX18B	27/32	13/16	3/8	9/32	8 3/4	•	•	•	•
5/8	GOEX20B	15/16	1 5/16	13/32	9/32	9 1/2	•	•	•	•
11/16	GOEX22B	1 1/32	1 13/32	7/16	5/16	10 1/4	•	•	•	•
3/4	GOEX24B	1 1/8	1 9/16	15/32	11/32	11	•	•	•	•
13/16	GOEX26B	1 3/16	1 21/32	17/32	3/8	11 3/4	•	•	•	•
7/8	GOEX28B	1 9/32	1 13/16	9/16	3/8	12 1/2	•	•	•	•
15/16	GOEX30B	1 3/8	1 29/32	19/32	13/32	13 1/4	•	•	•	•
1	GOEX32B	1 15/32	2 1/32	21/32	7/16	14	•	•	•	•
1 1/16	GOEX34B	1 9/16	2 3/16	11/16	15/32	14 3/4	•	•		
1 1/8	GOEX36B	1 5/8	2 5/16	11/16	17/32	15 7/16	•	•		
1 3/16	GOEX38B	1 3/4	2 7/16	3/4	1/2	16 5/16	•			
1 1/4	GOEX40B	1 13/16	2 9/16	3/4	17/32	17 1/16	•	•		
1 5/16	GOEX42B	1 29/32	2 21/32	3/4	9/16	17 13/16	•			
1 3/8	GOEX44B	2	2 13/16	3/4	19/32	18 9/16	•			
1 7/16	GOEX46B	2 1/16	2 29/32	7/8	19/32	19 1/32	•			
1 1/2	GOEX48B	2 5/32	3 1/16	7/8	5/8	20 1/16	•			
1 9/16	GOEX50B	2 1/4	3 3/16	7/8	23/32	20 13/16	•			
1 5/8	GOEX52B	2 11/32	3 11/32	7/8	11/16	21 9/16	•			
1 3/4	GOEX56A	2 17/32	3 9/16	1 1/32	23/32	22 7/8				
1 13/16	GOEX58A	2 5/8	3 21/32	1 1/32	3/4	23 15/32				
1 7/8	GOEX60A	2 11/32	3 13/16	1 1/32	25/32	24 1/32				
2	GOEX64A	2 7/8	4 1/16	1 1/32	27/32	25 1/4				
2 1/16	GOEX66A	2 31/32	4 5/32	1 1/8	27/32	25 25/32				
2 1/8	GOEX68A	3 1/16	4 5/16	1 5/32	7/8	26 3/8				
2 3/16	GOEX70A	3 1/8	4 13/32	1 1/8	7/8	26 31/32				
2 1/4	GOEX72A	3 7/32	4 9/16	1 1/8	15/16	27 9/16				
2 3/8	GOEX76A	3 13/32	4 13/16	1 9/32	31/32	28 3/4				
2 1/2	GOEX80A	3 19/32	5 1/16	1 9/32	1	29 29/32				
2 5/8	GOEX84A	4 7/8	6 5/8	1 5/8	1 3/16	32				
2 3/4	GOEX88A	4 7/8	6 5/8	1 5/8	1 3/16	32				
2 7/8	GOEX92A	4 7/8	6 5/8	1 5/8	1 3/16	32				
2 15/16	GOEX94A	4 7/8	6 5/8	1 5/8	1 3/16	32				
3	GOEX96A	4 7/8	6 5/8	1 5/8	1 3/16	32				
3 1/8	GOEX1100A	4 7/8	6 5/8	1 5/8	1 3/16	32				
3 3/8	GOEX1108A	4 7/8	6 5/8	1 5/8	1 3/16	32				
3 1/2	GOEX1112A	4 7/8	6 5/8	1 5/8	1 3/16	32				

ASME/ANSI B107.6-100

*Sets include storage tray

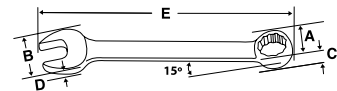
Kit Bag:

C2200

C1401



GOEXM715



Flank Drive® Combination Standard Length

mm	12	Set Contains:							
		A	B	C	D	E	12		
10	GOEXM100B	15	21	7	5	171	•		
11	GOEXM110B	17	23	8	6	184	•		
12	GOEXM120B	18	25	8	6	195	•		
13	GOEXM130B	20	27	9	6	207	•		
14	GOEXM140B	21	29	9	7	219	•		
15	GOEXM150B	22	31	10	7	231	•		
16	GOEXM160B	24	33	10	7	242	•		
17	GOEXM170B	25	35	11	8	255	•		
18	GOEXM180B	27	37	12	8	267	•		
19	GOEXM190B	28	39	12	9	279	•		
20	GOEXM200B	30	41	13	9	292	•		
21	GOEXM210B	31	43	13	9	304	•		
22	GOEXM220B	33	46	14	10	318	•		
23	GOEXM230B	34	47	14	10	327	•		
24	GOEXM240B	35	49	15	11	337	•		

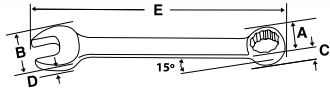
ASME/ANSI B107.100

*Sets include storage tray



Wrenches



GOEX200B

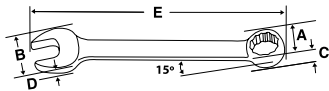


Flank Drive® Combination Short Handle

		A	B	C	D	E
1/4	GOEX080B	13/32	17/32	3/16	5/32	4 17/32
5/16	GOEX100B	1/2	21/32	7/32	5/32	4 27/32
11/32	GOEX110B	17/32	23/32	1/4	3/16	5
3/8	GOEX120B	19/32	25/32	1/4	3/16	5 1/8
7/16	GOEX140B	21/32	29/32	5/16	7/32	5 7/16
1/2	GOEX160B	3/4	1 1/16	11/32	1/4	5 3/4
9/16	GOEX180B	27/32	1 5/32	3/8	9/32	6 1/16
5/8	GOEX200B	15/16	1 5/16	13/32	9/32	6 11/32
11/16	GOEX220B	1 1/32	1 13/32	7/16	5/16	6 21/32
3/4	GOEX240B	1 1/8	1 9/16	15/32	11/32	6 31/32
13/16	GOEX260B	1 3/16	1 21/32	17/32	3/8	7 9/32
7/8	GOEX280B	1 9/32	1 13/16	9/16	3/8	7 9/16
15/16	GOEX300B	1 3/8	1 29/32	19/32	13/32	7 7/8
1	GOEX320B	1 15/32	2 1/32	5/8	7/16	8 3/16
1 1/8	GOEX360B	1 5/8	2 5/16	11/16	1/2	8 27/32

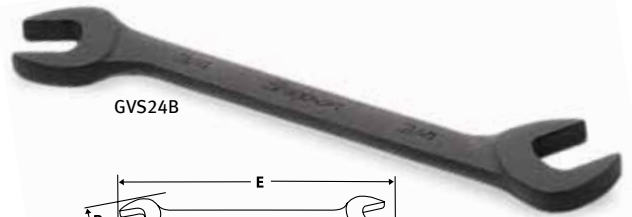


GOEXM17B

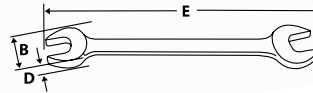


Flank Drive® Combination Short Handle


		A	B	C	D	E
6	GOEXM6B	10	13	5	4	113
7	GOEXM7B	11	15	5	4	118
8	GOEXM8B	13	17	6	4	123
9	GOEXM9B	14	19	6	5	128
10	GOEXM10B	15	21	7	5	133
11	GOEXM11B	17	23	8	6	138
12	GOEXM12B	18	25	8	6	142
13	GOEXM13B	20	27	9	6	148
14	GOEXM14B	21	29	9	7	152
15	GOEXM15B	22	31	10	7	157
16	GOEXM16B	24	33	10	7	162
17	GOEXM17B	25	35	11	8	167
18	GOEXM18B	27	37	12	8	172
19	GOEXM19B	28	39	12	9	177

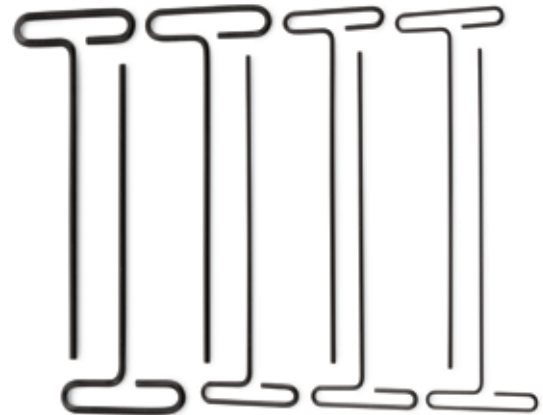


GVS24B



Open End Four-Way Angle Head


	Stock No.	B	D	E
3/8	GVS12BNP	25/32	7/32	4 27/32
1/2	GVS14BNP	7/8	7/32	5 13/32
1/2	GVS16B	1	1/4	5 31/32
9/16	GVS18B	1 1/8	1/4	6 9/16
5/8	GVS20B	1 1/4	9/32	7 1/8
11/16	GVS22B	1 3/8	9/32	7 11/16
3/4	GVS24B	1 15/32	9/32	8 9/32
13/16	GVS26B	1 19/32	5/16	8 27/32
7/8	GVS28B	1 23/32	5/16	9 13/32
15/16	GVS30B	1 27/32	11/32	10
1	GVS32B	1 31/32	11/32	10 9/16
1 1/16	GVS34BNP	2 3/32	11/32	11 1/8
1 1/8	GVS36BNP	2 3/16	3/8	11 23/32
1 1/4	GVS40B	2 7/16	13/32	12 7/8



GAW1900A

T-Shape Hex

Set Contains: **GAW1900A**

	Standard Handle 9" Length	
3/32	GAW1906	•
7/64	GAW1907	•
1/8	GAW1908	•
9/64	GAW1909	•
5/32	GAW1910	•
3/16	GAW1912	•
7/32	GAW1914	•
1/4	GAW1916	•
5/16	GAW1920	
3/8	GAW1924	

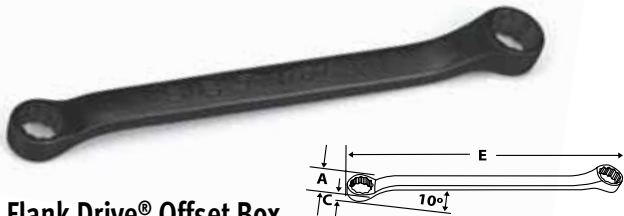
Sets shown include storage tray

Wrenches



Flank Drive® Box Standard Length, 10° Offset

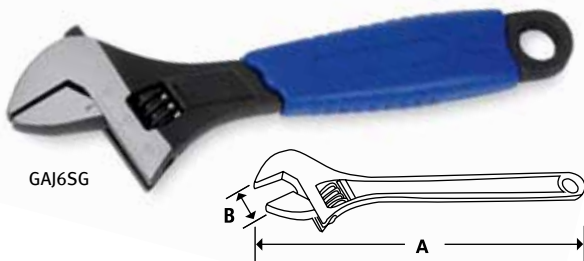
11	12	A	C	E
9/16 - 5/8	GXB1820ANP	13/16 - 29/32	13/32 - 7/16	9 13/32
5/8 - 11/16	GXB2022ANP	29/32 - 1	7/16 - 15/32	10 5/32
7/8 - 15/16	GXB2830ANP	1 1/4 - 1 11/32	17/32 - 9/16	13 1/8



Flank Drive® Offset Box Short Handle, 10° Offset

11	12	A	C	E
5/16 - 3/8	GXS1012A	15/32 - 9/16	9/32 - 5/16	4 9/16

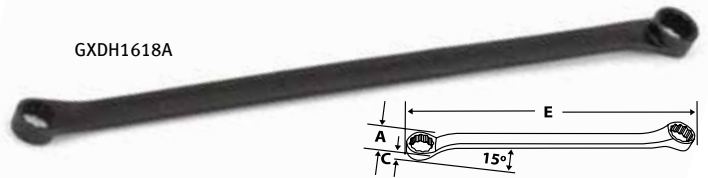
Wrenches - Adjustable



Blue Point® Adjustable Wrenches/Soft Grip

Stock No.	A inches (mm)	B inches (mm)	
GAJ6SG	6 (160)	1 (25.4)	•
GAJ8SG	8 (210)	1 1/8 (29)	•
GAJ10SG	10 (260)	1 9/32 (32.8)	•
GAJ12SG	12 (310)	1 1/2 (38)	•

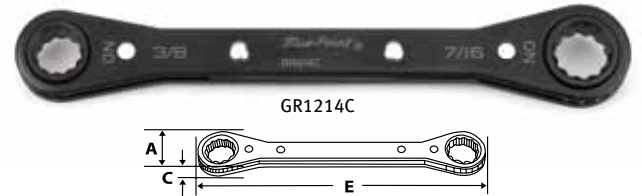
Set shown includes storage tray



High Performance Box, 15° Offset Heads

11	12	A	C	E
7/32 - 1/4	GXDH78A	11/32 - 3/8	13/64 - 15/64	7 15/64
1/4 - 5/16	GXDH810B	3/8 - 29/64	1/4 - 1/4	8 3/64
5/16 - 3/8	GXDH1012B	29/64 - 35/64	1/4 - 19/64	8 7/8
3/8 - 7/16	GXDH1214A	35/64 - 5/8	19/64 - 11/32	9 11/16
7/16 - 1/2	GXDH1416A	11/32 - 3/4	11/32 - 23/64	10 7/16
1/2 - 9/16	GXDH1618A	23/32 - 13/16	23/64 - 13/32	11 7/16

Aerospace Spec. AS954E



Ratcheting Box Standard Length, 0° Offset

11	6	12	A	C	E
1/4 - 5/16	GR810SC	GR810C	19/32 - 43/64	3/8	4 1/2
3/8 - 7/16	—	GR1214C	51/64 - 57/64	3/8	5 1/2
1/2 - 9/16	—	GR1618C	1 1/64 - 1 5/32	1/2	6 7/8

Blue Point® Adjustable Wrenches

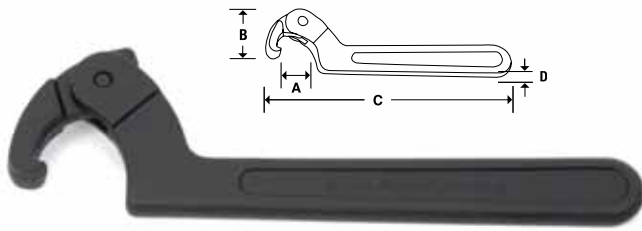
Stock No.	A inches (mm)	B inches (mm)		
GAJ4A	4 (108)	1/2 (13)		
GAJ6A	6 (160)	1 (25.4)		•
GAJ8A	8 (210)	1 1/8 (29)		•
GAJ10A	10 (260)	1 9/32 (33)		•
GAJ12A	12 (310)	1 1/2 (38)		•
GAJ15A	15 (385)	1 19/32 (43)	•	
GAJ18A	18 (450)	2 1/16 (52)	•	
GAJ24A	24 (610)	2 7/16 (62)	•	
GAJS30A*	30 (778)	3 11/32 (85)		

B107.8M-1996

Sets shown include storage tray

*SAE and Metric Scales on fixed jaw indicate wrench opening. Fixed jaw and handle forged in one piece to ensure maximum strength. Wrench is balanced to minimize wrist stress. Hole at handle end for tether or hanging.

Wrenches - Special Application



AHS301B

Blue Point® Adjustable Hook Spanners

- Service collars, rings and bearings
- Single jaw and roll pin construction with industrial finish
- When using, make sure jaw hook is properly positioned

Set Contains:

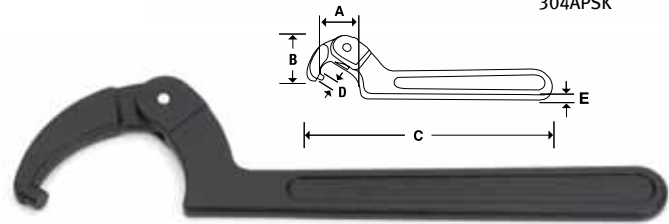
304AHSK

Stock No.	A	B	C	D	
AHS300B	3/4 - 2	1/8	6 3/8	11/32	•
AHS301B	1 1/4 - 3	5/32	8 1/8	13/32	•
AHS304B	2 - 4 3/4	3/16	11 3/8	15/32	•
AHS307B	4 1/2 - 6 1/2	1/4	12 1/8	15/32	•

Set includes Kit Bag



304APSK



APS366B

Blue Point® Adjustable Pin Spanners

- Removes rings, collars and lock nuts
- When using, make sure jaw hook is properly aligned

Set Contains:

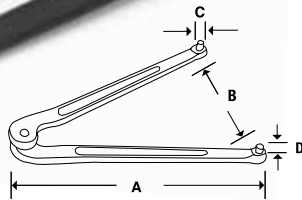
304APSK

Stock No.	A	B	C	D	E	
APS351B	3/4 - 2	1/8	6 3/8	1/8	11/32	•
APS357B	1 1/4 - 3	3/16	8 1/8	3/16	11/32	•
APS363B	2 - 4 3/4	1/4	11 3/8	1/4	15/32	•
APS366B	4 1/2 - 6 1/4	1/4	12 1/8	3/8	15/32	•

Set shown includes Kit Bag



AFS483B



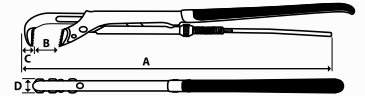
Adjustable Face Pin Spanners

For servicing seal and packing nuts on hydraulic cylinders.

Stock No.	A	B	C	D
AFS482B	6 3/8	2	3/16	5/32
AFS483B	8 1/4	3	1/4	3/16
AFS484B	10 3/8	4	5/16	1/4



PWZ3



Pliers Wrench

- Inwardly angled teeth (fine teeth at back of jaw, larger teeth at front of jaw) for a stronger grip
- Quick adjustment of grip width
- Built-in guard against unthreading
- Soft, warm to the touch, high friction handle surfaces with a strong, stable core

Stock No.	A	B	C	D	Weight (Inches)
PWZ0	8 3/16	1 1/2	5/16	9/16	1
PWZ1	12 5/8	1 3/4	1/2	3/4	1 5/8
PWZ2	17	2 1/2	5/8	13/16	2 1/2
PWZ3	21 1/2	3 1/2	3/4	1	6 3/8

Set shown includes Kit Bag



N6893B

Valve Persuader (Special order only.)

N6893B Valve Persuader Wrench

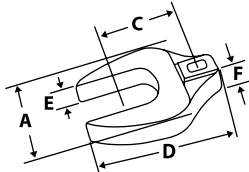
- Persuader end provides extra leverage on valve wheels
- Hooks around valve stems and protrudes through spokes
- 15" long

Wrenches - Crowfoot & Flare Nut

211GFCO
Set Contains:



GFCO28A



3/8" Drive Open End Crowfoot

		A	C	E	F	D	Maximum Recommended Working Torque, in. lb.	
3/8	GFCO12A	7/8	23/32	7/32	33/64	1 19/64	75	•
7/16	GFCO14A	7/8	41/64	7/32	33/64	1 17/64	75	•
1/2	GFCO16A	1 1/32	51/64	7/32	33/64	1 29/64	105	•
9/16	GFCO18A	1 1/4	59/64	7/32	33/64	1 5/8	105	•
5/8	GFCO20A	1 1/4	55/64	7/32	33/64	1 19/32	125	•
11/16	GFCO22A	1 9/16	1 3/32	7/32	33/64	1 59/64	150	•
3/4	GFCO24A	1 9/16	1 1/32	7/32	33/64	1 57/64	190	•
13/16	GFCO26A	1 23/32	1 3/32	9/32	19/32	2	245	•
7/8	GFCO28A	1 23/32	1 1/32	9/32	19/32	1 31/32	300	•
15/16	GFCO30A	2	1 5/32	11/32	21/32	2 1/8	360	•
1	GFCO32A	2	1 5/64	11/32	21/32	2 3/32	420	•

ASME/ANSI B107.100



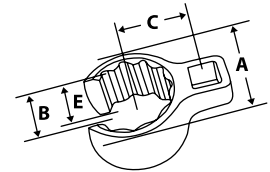
GAN85088





GAN850812B





GAN850820B



1/4" Drive Flank Drive® Flare Nut-Deep

		A	C	E	Maximum Recommended Working Torque, in. lb.
3/8	GAN85086B	9/32	1/2	1/2	75
7/16	GAN85087B	11/32	9/16	9/16	200
1/2	GAN85088B	13/32	19/32	9/16	200
9/16	GAN85089B	15/32	5/8	9/16	200



1/2" Drive Flank Drive® Flare Nut-Deep

		A	B	C	E	Maximum Recommended Working Torque, in. lb.
1 1/8	GAN850818B	1 5/8	27/32	1 5/32	7/8	825
1 3/16	GAN850819B	1 11/16	29/32	1 3/16	7/8	825
1 1/4	GAN850820B	1 25/32	15/16	1 7/32	7/8	825
1 5/16	GAN850821B	1 27/32	31/32	1 1/4	7/8	900
1 3/8	GAN850822B	1 15/16	1 1/16	1 5/16	15/16	900
1 7/16	GAN850823B	2	1 1/16	1 11/32	15/16	900
1 1/2	GAN850824B	2 3/32	1 1/8	1 3/8	15/16	900
1 9/16	GAN850825B	2 5/32	1 5/32	1 13/32	15/16	900
1 5/8	GAN850826B	2 7/32	1 7/32	1 7/16	15/16	1,100
1 11/16	GAN850827B	2 5/16	1 5/16	1 1/2	1 1/32	1,100
1 3/4	GAN850828B	2 3/8	1 5/16	1 9/16	1 1/32	1,150
1 13/16	GAN850829B	2 15/32	1 11/32	1 19/32	1 1/32	1,200
1 7/8	GAN850830B	2 9/16	1 3/8	1 21/32	1 1/16	1,200
1 15/16	GAN850831B	2 5/8	1 7/16	1 11/16	1 1/16	1,200
2	GAN850832B	2 23/32	1 9/16	1 23/32	1 1/16	1,400
2 1/4	GAN850836B	3 1/32	1 11/16	1 7/8	1 1/8	1,500
2 9/16	GAN850841B	3 7/16	1 29/32	2 3/32	1 9/32	1,750

ASME/ANSI B107.100

NOTE: Use only moderate force on crowfoot and flare nut wrenches

3/8" Drive Flank Drive® Flare Nut-Deep

		A	B	C	E	Maximum Recommended Working Torque, in. lb.
5/8	GAN850810B	15/16	1/2	23/32	23/32	250
11/16	GAN850811B	1 1/32	17/32	25/32	23/32	310
3/4	GAN850812B	1 1/8	9/16	13/16	3/4	450
13/16	GAN850813B	1 7/32	5/8	7/8	3/4	450
7/8	GAN850814B	1 5/16	25/32	15/16	25/32	625
15/16	GAN850815B	1 3/8	3/4	31/32	25/32	625
1	GAN850816B	1 7/16	3/4	1	13/16	625
1 1/16	GAN850817B	1 17/32	25/32	1 1/32	13/16	625

ASME/ANSI B107.100

Torque Wrenches



GTE175



GTE6A

U.S. Reading/Standard 2% Accuracy

Drive Size	Basic Models Stock No.	Range	Increments	Length (inches)	Width (inches)	Head* Depth (inches)	Storage Case
1/4	GTE6A	75 in. lb.	1 in. lb.	9 29/32	2 11/16	1 1/4	PB9
1/2	GTE100	100 ft. lb.	1 ft. lb.	16	2 3/4	1 3/8	PBR5
1/2	GTE175	175 ft. lb.	2 1/2 ft. lb.	18 3/4	2 3/4	1 3/8	PBR5

*Does not include square drive dimension



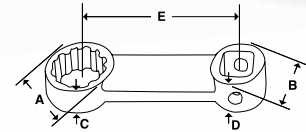
GFRDH141NP



GQT1F200NP

Adjustable Click Type Torque Wrenches/ ±4% Accuracy

Drive Size	Stock No.	Head Style	Range (Min)	Range (Max)	Increments	Length (Inches)	Head Width (Inches)	Head Depth (Inches)
1/4	GQT1F200NP	Plain	40 in. lb.	200 in. lb.	1 in. lb.	8.97	.61	.69
1/4	GQT1R200NP	Fixed Ratchet	40 in. lb.	200 in. lb.	1 in. lb.	8.97	.88	.76
3/8	GQT2F1000NP	Plain	200 in. lb.	1000 in. lb.	5 in. lb.	14	.80	1.03
3/8	GQT2R1000NP	Fixed Ratchet	200 in. lb.	1000 in. lb.	5 in. lb.	14	1.26	1.07
3/8	GQT2R200NP	Fixed Ratchet	40 in. lb.	300 in. lb.	1 in. lb.	8.97	.88	.88
1/2	GQT3R250NP	Fixed Ratchet	50 ft. lb.	250 ft. lb.	1 ft. lb.	23.75	1.74	1.42



3/8" Drive Flank Drive® Torque Adaptor

		A	B	C	D	E
7/16	GFRDH141NP	.655	.750	11/32	7/16	2

Don't see what you need? Just call your Snap-on Industrial account manager so we can quote any of your special needs.

To order the products featured in this flyer, contact your Industrial Account Manager or call the Snap-on Industrial Customer Service Center 1-877-740-1900. To view our Industrial Website go to www.snapon.com/industrial.

Snap-on, Blue-Point, Dual 80 and Flank Drive are trademarks of Snap-on Incorporated.

Every effort is made to ensure that listed product is available. Some items are in limited supply. Every attempt is made to ensure accuracy, however, errors during publication can occur. Product numbers, features and specifications can change as well as pricing.

Snap-on is a trademark of Snap-on Incorporated. © Snap-on Incorporated 2010. All other marks are trademarks of their respective holders. Snap-on Industrial, 2801 80th Street, Kenosha WI 53143

Snap-on Authorized Federal Supply Schedule Holder Contract No. GS-06F0006L. Snap-on is registered in the CCR at www.bpn.gov/ccr/default.aspx. In the CCR: DUNS #806095217, cage #55719, Tax ID 36-4070294

1/2011 PRINTED IN THE USA SS3231

