

If you want control ... you need the right connections

“ErgoTorq”™

Patented products, specifically designed to provide solutions to pulse and nutrunner assembly tooling Safety, Ergonomic, Quality, Reliability and Cost Down problems.



“One-piece”

Pulse tool guided extensions & extended sockets

Price Sheets



Pulse tool Guided Socket With Socket “Adaptors”



Pulse tool guided quick change “Adaptors”

“ErgoTorq”™

Assembly Tooling Accessories



“Dual-drive” Socket

Allows you to rundown two different size fasteners with the same socket.

Safety & Anti-mutilation Covers

“Non-rotating” Cover

“Slip Type” Covers



“Non-rotating/Retractable” Bit Holder Cover



Durability tested to 100,000 cycles!



extensions weigh up to 50% less



Guided Extension “Collar”



Standard “PinchPoint Protector”

Superior selection, performance and delivery, at reduced cost !

"ErgoTorq"

"Guided" Pulse Tool Extensions

(U.S. Patent #6,321,855)

"Standard Weight" Pulse Tool Extensions Min. Order of 5 pcs./Part#

Uryu, Aimco, Yakota, Ingersoll Rand, Sioux and Fuji(*) Pulse Tool Part #'s

(*)Fuji models with exposed anvil behind square drive of > .385"

3/8" Square Drive

Length	Part#	Net Price
4"	AREX3-4(1)	\$49.89
6"	AREX3-6(1)	\$54.55
8"	AREX3-8(1)	\$57.75
10"	AREX3-10(1)	\$67.58
12"	AREX3-12(1)	\$77.03

1/2" Square Drive

Length	Part#	Net Price
4"	AREX4-4(3)	\$52.39
6"	AREX4-6(3)	\$57.44
8"	AREX4-8(3)	\$62.82
10"	AREX4-10(3)	\$76.47
12"	AREX4-12(3)	\$85.36

Atlas Copco Pulse Tool Part #'s

3/8" Square Drive

Length	Part#	Net Price
4"	AREX3-4(2)	\$49.89
6"	AREX3-6(2)	\$54.55
8"	AREX3-8(2)	\$57.75
10"	AREX3-10(2)	\$67.58
12"	AREX3-12(2)	\$77.03

1/2" Square Drive

Length	Part#	Net Price
4"	AREX4-4(5)	\$52.39
6"	AREX4-6(5)	\$57.44
8"	AREX4-8(5)	\$62.82
10"	AREX4-10(5)	\$76.47
12"	AREX4-12(5)	\$85.36

Superior selection, performance and delivery then any competitors product at reduced cost !

"Ultralite" Pulse Tool Extensions ... Up to 50% lighter than standard extensions !!!

Uryu, Aimco, Yakota, Ingersoll Rand, Sioux and Fuji(*) Pulse Tool Part #'s

(*)Fuji models with exposed anvil behind square drive of > .385"

3/8" Square Drive

Length	Part#	Net Price
4"	ARUEX3-4(1)	\$59.89
6"	ARUEX3-6(1)	\$64.55
8"	ARUEX3-8(1)	\$67.75
10"	ARUEX3-10(1)	\$77.58
12"	ARUEX3-12(1)	\$87.03

1/2" Square Drive

Length	Part#	Net Price
4"	ARUEX4-4(3)	\$62.39
6"	ARUEX4-6(3)	\$67.44
8"	ARUEX4-8(3)	\$72.82
10"	ARUEX4-10(3)	\$85.47
12"	ARUEX4-12(3)	\$95.36

Durability tested to 100,000 cycles !

Atlas Copco Pulse Tool Part #'s

3/8" Square Drive

Length	Part#	Net Price
4"	ARUEX3-4(2)	\$59.89
6"	ARUEX3-6(2)	\$64.55
8"	ARUEX3-8(2)	\$67.75
10"	ARUEX3-10(2)	\$77.58
12"	ARUEX3-12(2)	\$87.03

1/2" Square Drive

Length	Part#	Net Price
4"	ARUEX4-4(5)	\$62.39
6"	ARUEX4-6(5)	\$67.44
8"	ARUEX4-8(5)	\$72.82
10"	ARUEX4-10(5)	\$85.47
12"	ARUEX4-12(5)	\$95.36



*** "Ultralite" extensions are available in virtually any length and drive end configuration.**

(Simply ask your ErgoTorq Authorized Distributor for a quote or use our online quote form at www.ergotorq.com)

“ErgoTorq”

“Guided” Sockets & Accessories For Tool To Socket Applications

(U.S. Patent #6,321,855)

A low cost, high quality alternative to our competitors pulse tool accessories !!!

Pulse Tool 6 Point Standard Length Sockets

Min. Order of 5 pcs./Part#

Designed to Fit Uryu, Aimco, Yakota, Ingersoll Rand, Sioux and Fuji(*) Pulse Tools

3/8" Square Drive Standard

3/8" Square Drive Metric

1/2" Square Drive Standard

1/2" Square Drive Metric

Fastener Size	Part#	Net Price
3/8"	AR3112(1)	\$38.19
7/16"	AR3114(1)	\$38.19
1/2"	AR3116(1)	\$38.75
9/16"	AR3118(1)	\$40.22
5/8"	AR3120(1)	\$40.79
11/16"	AR3122(1)	\$41.89
3/4"	AR3124(1)	\$42.23
13/16"	AR3126(1)	\$42.91

Fastener Size	Part#	Net Price
10mm	AR10mm13(1)	\$38.19
11mm	AR11mm13(1)	\$38.19
12mm	AR12mm13(1)	\$38.75
13mm	AR13mm13(1)	\$40.22
14mm	AR14mm13(1)	\$40.79
15mm	AR15mm13(1)	\$41.89
16mm	AR16mm13(1)	\$42.23
17mm	AR17mm13(1)	\$42.91

Fastener Size	Part#	Net Price
1/2"	AR5116(3)	\$39.56
9/16"	AR5118(3)	\$39.56
5/8"	AR5120(3)	\$41.29
11/16"	AR5122(3)	\$42.73
3/4"	AR5124(3)	\$43.55
13/16"	AR5126(3)	\$45.47
7/8"	AR5128(3)	\$45.04
15/16"	AR5130(3)	\$45.04
1"	AR5132(3)	\$46.35

Fastener Size	Part#	Net Price
12mm	AR12mm15(3)	\$39.56
14mm	AR14mm15(3)	\$39.56
16mm	AR16mm15(3)	\$41.29
18mm	AR18mm15(3)	\$42.73
19mm	AR19mm15(3)	\$43.55
20mm	AR20mm15(3)	\$45.47
22mm	AR22mm15(3)	\$45.04
24mm	AR24mm15(3)	\$45.04
25mm	AR25mm15(3)	\$46.35

Designed to Fit Atlas Copco Pulse Tool's

3/8" Square Drive Standard

Fastener Size	Part#	Net Price
3/8"	AR3112(2)	\$38.19
7/16"	AR3114(2)	\$38.19
1/2"	AR3116(2)	\$38.75
9/16"	AR3118(2)	\$40.22
5/8"	AR3120(2)	\$40.79
11/16"	AR3122(2)	\$41.89
3/4"	AR3124(2)	\$42.23
13/16"	AR3126(2)	\$42.91

3/8" Square Drive Metric

Fastener Size	Part#	Net Price
10mm	AR10mm13(2)	\$38.19
11mm	AR11mm13(2)	\$38.19
12mm	AR12mm13(2)	\$38.75
13mm	AR13mm13(2)	\$40.22
14mm	AR14mm13(2)	\$40.79
15mm	AR15mm13(2)	\$41.89
16mm	AR16mm13(2)	\$42.23
17mm	AR17mm13(2)	\$42.91

Virtually any accessory is available for all manufacturers pulse tools !



Virtually ANY socket can be fitted with our guided "Adaptors" to convert them into pulse tool guided sockets.

1/2" Square Drive Standard

Models - 12X, 14X, 14XS, 10PT/PTS, 12PT/PTS

Fastener Size	Part#	Net Price
1/2"	AR5116(5)	\$39.56
9/16"	AR5118(5)	\$39.56
5/8"	AR5120(5)	\$41.29
11/16"	AR5122(5)	\$42.73
3/4"	AR5124(5)	\$43.55
13/16"	AR5126(5)	\$45.47
7/8"	AR5128(5)	\$45.04
15/16"	AR5130(5)	\$45.04
1"	AR5132(5)	\$46.35

1/2" Square Drive Metric

Models - 12X, 14X, 14XS, 10PT/PTS, 12PT/PTS

Fastener Size	Part#	Net Price
12mm	AR12mm15(5)	\$39.56
14mm	AR14mm15(5)	\$39.56
16mm	AR16mm15(5)	\$41.29
18mm	AR18mm15(5)	\$42.73
19mm	AR19mm15(5)	\$43.55
20mm	AR20mm15(5)	\$45.47
22mm	AR22mm15(5)	\$45.04
24mm	AR24mm15(5)	\$45.04
25mm	AR25mm15(5)	\$46.35

1/2" Square Drive Standard

Models - 10C, 10XS, 12XS

Fastener Size	Part#	Net Price
1/2"	AR5116(5a)	\$39.56
9/16"	AR5118(5a)	\$39.56
5/8"	AR5120(5a)	\$41.29
11/16"	AR5122(5a)	\$42.73
3/4"	AR5124(5a)	\$43.55
13/16"	AR5126(5a)	\$45.47
7/8"	AR5128(5a)	\$45.04
15/16"	AR5130(5a)	\$45.04
1"	AR5132(5a)	\$46.35

1/2" Square Drive Metric

Models - 10C, 10XS, 12XS

Fastener Size	Part#	Net Price
12mm	AR12mm15(5a)	\$39.56
14mm	AR14mm15(5a)	\$39.56
16mm	AR16mm15(5a)	\$41.29
18mm	AR18mm15(5a)	\$42.73
19mm	AR19mm15(5a)	\$43.55
20mm	AR20mm15(5a)	\$45.47
22mm	AR22mm15(5a)	\$45.04
24mm	AR24mm15(5a)	\$45.04
25mm	AR25mm15(5a)	\$46.35

Pulse Tool Quick Change Adapters

Uryu / Aimco Pulse Tool Part #'s

(*)Fuji models with exposed anvil behind square drive of > .385"

3/8" Square Drive

1/2" Square Drive

3/8" Square Drive

1/2" Square Drive

Hex Drive	Part#	Net Price
1/4"	ARQR-308(1)	\$78.52
7/16"	ARQR-314(1)	\$98.88

Hex Drive	Part#	Net Price
1/4"	ARQR-508(4)	\$78.52
7/16"	ARQR-514(4)	\$98.88
5/8"	ARQR-520(4)	\$105.90

Hex Drive	Part#	Net Price
1/4"	ARQR-308(2)	\$78.52
7/16"	ARQR-314(2)	\$98.88

Hex Drive	Part#	Net Price
1/4"	ARQR-508(5) or (5a)	\$76.52
7/16"	ARQR-514(5) or (5a)	\$96.88
5/8"	ARQR-520(5) or (5a)	\$105.90



* Virtually any standard 3/8", 1/2" & 3/4" drive attachment is available in pulse tool format.

(Simply ask your ErgoTorq Authorized Distributor for a quote or use our online quote form at www.ergotorq.com.)

“ErgoTorq”

“Guided” Sockets & Accessories For Extension To Socket Applications

(U.S. Patent #6,321,855)

A low cost, high quality alternative to competitive pulse tool accessories !!!

Guided, 6 Point, Standard Length, Non-magnetic Sockets

Min. Order of 5 pcs./Part#

Designed To Fit “ErgoTorq” Pulse Tool Extensions

3/8" Square Drive Standard

Fastener Size	Part#	Net Price
3/8"	AR3112(1)	\$38.19
7/16"	AR3114(1)	\$38.19
1/2"	AR3116(1)	\$38.75
9/16"	AR3118(1)	\$40.22
5/8"	AR3120(1)	\$40.79
11/16"	AR3122(1)	\$41.89
3/4"	AR3124(1)	\$42.23
13/16"	AR3126(1)	\$42.91

3/8" Square Drive Metric

Fastener Size	Part#	Net Price
10mm	AR10mm13(1)	\$38.19
11mm	AR11mm13(1)	\$38.19
12mm	AR12mm13(1)	\$38.75
13mm	AR13mm13(1)	\$40.22
14mm	AR14mm13(1)	\$40.79
15mm	AR15mm13(1)	\$41.89
16mm	AR16mm13(1)	\$42.23
17mm	AR17mm13(1)	\$42.91

1/2" Square Drive Standard

Fastener Size	Part#	Net Price
1/2"	AR5116(3)	\$39.56
9/16"	AR5118(3)	\$39.56
5/8"	AR5120(3)	\$41.29
11/16"	AR5122(3)	\$42.73
3/4"	AR5124(3)	\$43.55
13/16"	AR5126(3)	\$45.47
7/8"	AR5128(3)	\$45.04
15/16"	AR5130(3)	\$45.04
1"	AR5132(3)	\$46.35

1/2" Square Drive Metric

Fastener Size	Part#	Net Price
12mm	AR12mm15(3)	\$39.56
14mm	AR14mm15(3)	\$39.56
16mm	AR16mm15(3)	\$41.29
18mm	AR18mm15(3)	\$42.73
19mm	AR19mm15(3)	\$43.55
20mm	AR20mm15(3)	\$45.47
22mm	AR22mm15(3)	\$45.04
24mm	AR24mm15(3)	\$45.04
25mm	AR25mm15(3)	\$46.35

*** Virtually any standard 3/8", 1/2" & 3/4" drive attachment is available in pulse tool format.**

(Simply ask your ErgoTorq Authorized Distributor for a quote or use our online quote form at www.ergotorq.com.)

ErgoTorq "Socket Adaptors"

for Uryu Pulse Tools > Apex Accessories
(U.S. Patent #6,321,855)

"Adaptors" for Uryu Pulse Tools > Apex Sockets

3/8" Square Drive	>	3/4"(.750") (QR308)	=	AR06A(1)
		13/16"(.813")		AR07A(1)
		7/8"(.875")		AR08A(1)
		15/16"(.938")		AR09A(1)
		1" (1.000")		AR10A(1)
		1-1/16" (1.063")		AR10A2(1)
		1.113" (QR314)		AR10A1(1)
		1-1/8" (1.125")		AR11A(1)
		1-1/4" (1.250")		AR12A(1)
		1-1/2" (1.500")		AR12A1(3)
1/2" Square Drive	>	0.925" (QR508)	=	AR13A(3)
		15/16" (.938")		AR14A(3)
		1" (1.000")		AR14A2(3)
		1-1/16" (1.063")		AR14A1(3)
		1.113" (QR514)		AR15A(3)
		1-1/8" (1.125")		AR16A(3)
		1-1/4" (1.250")		AR16A1(3)
		1-5/16" (1.312")		AR17A(3)
		1-3/8" (1.375")		AR18A(3)
		1-1/2" (1.500")		AR19A(3)
		1-5/8" (1.625")		AR20A(3)
		1-3/4" (1.750")		AR21A(3)
		1-7/8" (1.875")		AR22A(3)
		1-15/16" (1.938")		AR23A(3)
		2" (2.000")		AR24A(3)
		2-1/8" (2.125")		AR25A(3)
		2-1/4" (2.250")		AR26A(3)
		2-3/8" (2.375")		AR27A(3)
2-1/2" (2.500")				

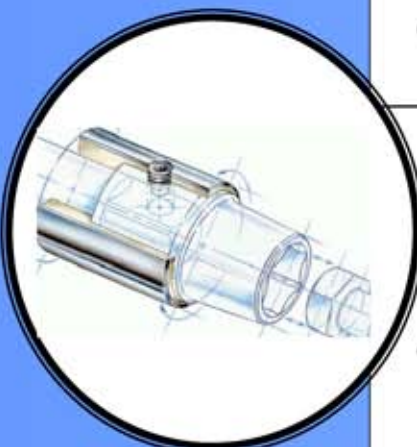
\$36.50/ea

**Min. Order of
5 pcs./Part#**

"Adaptors" for Apex Extensions > Apex Sockets

Apex Extension Series		* Socket - Drive End O.D.		"ErgoTorq" Part #'s
EX-250 <small>(1/4" square drive extension)</small>	>	1/2" (.500")	=	AR33A
		9/16" (.563")		AR34A
		5/8" (.625")		AR35A
		11/16" (.6875")		AR35A1
		3/4" (.750")		AR36A
		13/16" (.813")		AR37A
		7/8" (.875")		AR38A
EX-376 <small>(3/8" square drive extension)</small>	>	5/8" (.625)	=	AR38A1
		3/4" (.750")		AR39A
		13/16" (.813")		AR40A
		7/8" (.875")		AR41A
		15/16" (.938")		AR42A
		1" (1.000")		AR43A
		1-1/16" (1.063")		AR43A1
		1-1/8" (1.125")		AR44A
		1-1/4" (1.250")		AR45A
		15/16" (.938")		AR46A
EX-508 <small>(1/2" square drive extension)</small>	>	1" (1.000")	=	AR47A
		1-1/16" (1.063")		AR47A1
		1-1/8" (1.125")		AR48A
		1-1/4" (1.250")		AR49A
		1-5/16" (1.312")		AR49A1
		1-3/8" (1.375")		AR50A
		1-1/2" (1.500")		AR51A
		1-5/8" (1.625")		AR52A
		1-3/4" (1.750")		AR53A
		1-7/8" (1.875")		AR54A
		1-15/16" (1.938")		AR55A
		2" (2.000")		AR56A
		2-1/8" (2.125")		AR57A
		2-1/4" (2.250")		AR58A
		2-3/8" (2.375")		AR59A
		2-1/2" (2.500")		AR60A

**"ErgoTorq"
Adaptors
easily convert
any socket into
an ergo guided
pulse tool
attachment.**



***PLEASE NOTE : To determine socket drive end O.D., check "C" dimensions in Apex catalogue.**

*** Virtually any standard 3/8", 1/2" & 3/4" drive attachment is available in pulse tool format.
(Simply ask your ErgoTorq Authorized Distributor for a quote or use our online quote form at www.ergotorq.com.)**

"ErgoTorq"

Nutrunner Guided Extensions, & "PinchPoint Protectors"

(U.S. Patent #6,123,157)

Atlas Copco Nutrunner Guide Extension "Collar" Part #'s

Anglehead Tools

Square Drive	A.C. Front Nut # or Thread O.D.'s	"Collar" Part #'s
3/8"	4210 1877 00	AR200-A1
3/8"	4210 3349 00	AR200-A2
3/8"	4210 3349 01	AR200-A2(01)
3/8"	4210 3349 02	AR200-A2(02)
1/2"	4210 3349 03	AR200-A2(03)
3/8"	4210 3349 05	AR200-A2(05)
3/8"	4210 2492 00	AR200-A5
1/2"	4210 1140 00	AR200-A6
1/2"	4210 1141 00	AR200-A7
3/8"	4220 0791 00	AR200-A9
3/8"	4220 1994 00	AR200-A10
1/2"	M34 X 0.75 LHthread	AR200-A10ET
1/2"	4220 1992 00	AR200-A11
1/2"	M39 X 1.0 LHthread	AR200-A11ET
3/8"	4210 3860 00	AR200-A12
1/4"	4210 4036 00	AR200-A13
1/4"	4110 1407 00	AR200-A14
3/8"	4220 1742 06	AR200-A15
3/8"	4210 4446 00	AR200-A16
3/8"	M27 X 0.75 LHthread	AR200-A17ET
3/8"	4810 3260 00	AR200-A18
1/2"	M43 X 1 LHthread	AR200-A19ET
1/2"	M48 X 1 LHthread	AR200-A20ET

Anglehead Tools

Square Drive	A.C. Front Nut Part#	"PinchPoint Protector" Part #'s
3/8"	4210 1877 00	PP200-A1
3/8"	4220 1994 00	PP200-A10 *
3/8"	4210 3349 00	PP200-A2
3/8"	4210 3349 01	PP200-A2(01)
3/8"	4210 3349 02	PP200-A2(02)
3/8"	4210 2492 00	PP200-A5
1/2"	4220 1992 00	PP200-A11 *
1/2"	4210 3349 03	PP200-A2(03)
1/2"	4210 1140 00	PP200-A6
1/2"	4210 1141 00	PP200-A7

To complete your "PinchPoint Protector" Part #, simply add a / and the three decimal place O.D. of the socket being used, and an (S) for "Standard" Example : PP200-A1/.750(S)

"Ultralite" Standard Square Drive Extensions

Min. Order of 5 pcs./Part#

Up to 50% lighter than normal extensions !

3/8" Square Drive

Length	Part#	Net Pricing
4"	AUEX3-4	\$58.72
6"	ARUEX3-6	\$65.40
8"	ARUEX3-8	\$72.93
10"	ARUEX3-10	\$91.15
12"	ARUEX3-12	\$96.21

1/2" Square Drive

Length	Part#	Net Pricing
4"	ARUEX4-4	\$56.72
6"	ARUEX4-6	\$71.87
8"	ARUEX4-8	\$76.20
10"	ARUEX4-10	\$98.15
12"	ARUEX4-12	\$103.78

For extension lengths longer than 12", simply ask for a quote.

Inline Tools

Square Drive	A.C. Reaction Bar Nut Part#	"Collar" Part #'s
3/8"	4210 2135 00	AR200-S1
3/8"	4210 2135 00	AR200-S1T(telescoping)
3/8"	4220 1028 00	AR200-S3
3/8"	4210 1799 00	AR200-S4
1/2"	4210 2218 00	AR200-S2
1/2"	4210 2218 00	AR200-S2T(telescoping)
1/2"	4210 2135 00	AR200-S5

Pistol Grip Tools

Square Drive	"Reaction Bar Nut" Part#	"Collar" Part #'s
3/8"	4220-1028-00	AR200-P2
1/2"	4210-2135-00	AR200-P3

Developing Collar & Extension Part #'s

To determine your "Collar" & Extension Part #, simply add required extension information in ()'s after the "ErgoTorq" "Collar" Part #, using a 3 for 3/8" drive or 4 for 1/2" drive and the length of extension.

Example : Part#- AR200-A1(3-8) for a "Collar" and 3/8" X 8" extension.

For an *Ultralite* extension insert a U in front of the the drive size number. eg.(U3-8)

"Collar's" Can be fitted to virtually any manufacturers nutrunner tool !

Guided Extension "Collar"



\$440.00 Net/ea

Eliminate extension wobble, improve tool torque quality & reliability !

OSHA Approved Design !

"Standard" PinchPoint Protector



\$275.00 Net/ea

Eliminates the inherent pinchpoint that exists between the tool and its' attachment!

Durability tested to 100,000 cycles !



Available in virtually any length and drive configuration !

“ErgoTorq”

“Non-Rotating” & “Slip Type”

Tooling Attachment Covers



“Non-rotating” Covers

~\$365.00 Net/ea



\$78.50
Net/ea

Min. Order of 5 pcs./Part#

Non-rotating/Retractable

Covered Bit Holders

- eliminate the potential of “**Product Mutilation**” defects caused by rotating tooling attachments coming into contact with finished surfaces
- are available in guided format for pulse tool applications or standard drive format for nutrunner type tools



Fit any
manufacturers
attachments!

“Slip Type” Covers

\$36.50
Net/ea

Min. Order of 5 pcs./Part#

1/4" > 1/2" dr. sockets & extension up to 12"

- eliminate the “**Rotating Shaft Safety Hazard**” which can cause serious injuries to operators who are continually exposed to
- can be designed for use with various fastener sizes as well as our “*Ultralite*” extensions to meet the specific needs of the customer



NEW!

“Non-Rotating”
tooling attachment
covers provide
ULTIMATE operator
safety!

Ask your local ErgoTorq Distributor for a quote or contact us directly !

“Dual-Drive” Sockets

“NEW”

Dual-drive sockets
will significantly
reduce process
cycle times !



~\$395.00
Net/ea

* “Dual-drive” sockets
are available in virtually
any drive size and type
configurations.

(Simply ask your **ErgoTorq**
Authorized Distributor for a quote.)

- *Patent Pending* design allows tooling operators to rundown two different size fasteners with the same socket without having to handle the socket
- available in guided format for pulse tool applications or standard drive format for nutrunner tools
- can be designed for use on a wide range of various fastener sizes to meet the needs of the customer
- significant cycle time reductions can be achieved with this “NEW” innovative product !!!

For ordering or product information, contact your local ErgoTorq distributor, call Ergonomics Specialties at (519) 425-2604, visit our web-site at www.ergotorq.com and submit an Order or a Quote request or e-mail us at ergotorq@execulink.com