



SERVING AEROSPACE FOR
THREE GENERATIONS

MODULAR DRILL CATALOG





CATALOG 2023

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89706-0434

FACTORY MAIL TO:

P.O. BOX 2260
HICKSVILLE, NY USA
11802

Prices subject to change without notice.

Prices in U.S. dollars.

FOB Origin, Carson City, NV

Restocking or cancellation charge 50 %



QUALITY BUILT IN

Aerospace demands for ultra-high performance materials led to the development of the C-type 18% nickel maraging tool steels. The strongest of this type of material is C-350 with a nominal ultimate tensile strength of 350 ksi or 350,000 pounds per square inch. This material has higher strength and better wear properties than any material we have tested. ALL gears in Jiffy Air Tool drill attachments are made from this superior material.



You will find the same devotion to quality in all of our parts, housings & cover plates made from A2, bearing shafts made from C-350, and drive shafts made from chrome-moly tool steel. The limited space available for airframe assembly demands strong small tools. Superior materials combined with three generations of experience building tools for aerospace is represented in the modular drilling system in this catalog.

From design to manufacturing, the people at Jiffy Air Tool always strive to deliver the best tools possible.

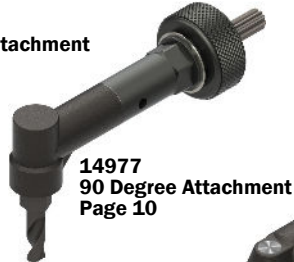




17169
90 Degree Attachment*
Page 7



16500
90 Degree Attachment
Page 8



14977
90 Degree Attachment
Page 10

Vinyl
Cover
Available



14988
45 Degree Attachment*
Page 12



17596
45 Degree Attachment
Page 13



18107
90 Degree Attachment
Page 11

Vinyl
Cover
Available



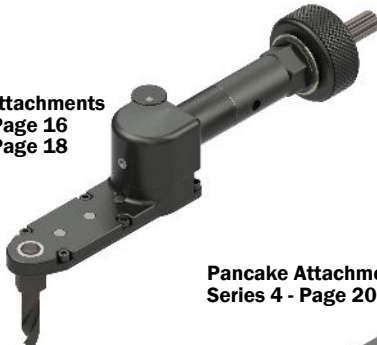
15000
360 Degree Attachment
Page 14

Vinyl
Cover
Available

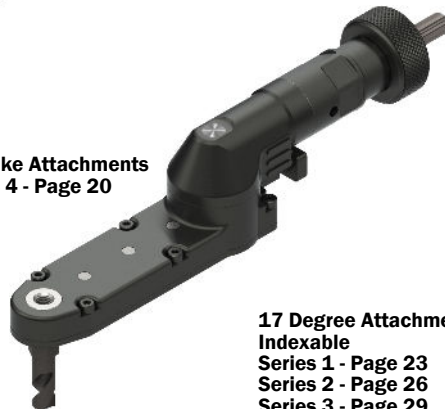


15000M
360 Degree
Attachment*
Page 15

Pancake Attachments
Series 1 - Page 16
Series 2 - Page 18



Pancake Attachments
Series 4 - Page 20



Vinyl
Cover
Available

17 Degree Attachments
Indexable
Series 1 - Page 23
Series 2 - Page 26
Series 3 - Page 29



17 Degree Attachments
Non-Indexable
Series 3 - Page 32
Series 4 - Page 33



Chuck Attachments
Page 34



* Indicates that the output gear rides in a bushing instead of ball bearings.
Speed should be limited to 3000 RPM or less.

1.5 HP Offset Motors
Page 37



**.9 HP Reversible
Offset Motors**
Page 39



.85 HP Offset Motors Page 41
.85 HP Reverse Running Page 42



**.7 HP Reversible
Offset Motors**
Page 45



.45 HP Offset Motors
Page 46



1.5 HP Straight Motors
Page 38



**.9 HP Reversible
Straight Motors**
Page 40



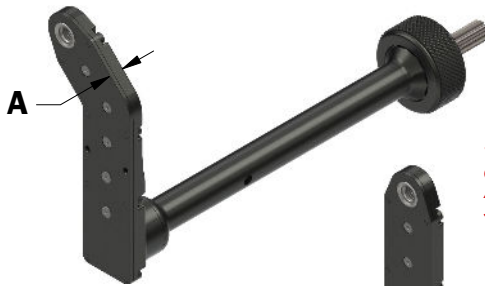
.85 HP Straight Motors Page 43
.85 HP Reverse Running Page 44



.45 HP Straight Motors
Page 47



To conform to CE standards, straight motors must be ordered with a safety level (Page 48). Add "-1" to motor order number to designate safety lever.
Ex: "17662-1" for motor with safety lever.



Series 1

A = .250in / 6.35 mm
Page 49

Series 2

A = .350in / 8.89 mm
Page 50

Series 3

A = .425in / 10.79 mm
Page 51

Vinyl
Covers
Available
Series 1, 2, & 3

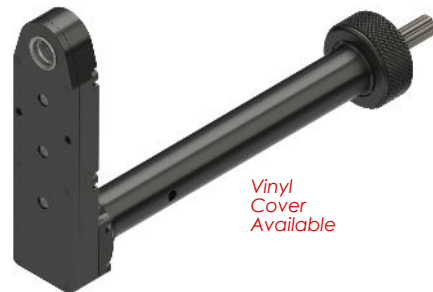


Series 4

A = .500in / 12.7 mm

A larger more robust
series for 3/8-24
threaded drills

Page 52



Vinyl
Cover
Available

Thinline

With a .210 drill center to
edge distance and a .560
width, the Thinline Drill
Attachments can reach
areas not possible with our
standard attachments.

Page 53



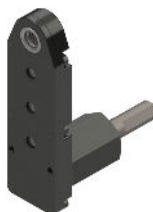
Flat Angle Drills

Used with chuck drills.

Series 1 - Page 54

Series 2 - Page 55

Series 3 - Page 56



Vinyl
Covers
Available
Series 1, 2, & 3

**1.5 HP Offset Motors
for Chucks
Page 57**



**.9 HP Reversible
Offset Motors
for Chucks
Page 58**



**.85 HP Offset Motors
for Chucks
Page 59**



**.45 HP Offset Motors
for Chucks
Page 60**



**Torque Reaction
Safety Handles
& Accessories
Page 61**



Threaded Drill Attachments & Motors

Page 62-69

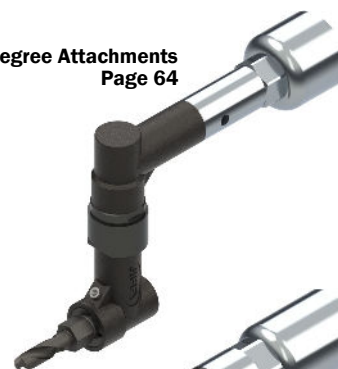
**90 Degree Attachments
Page 63**



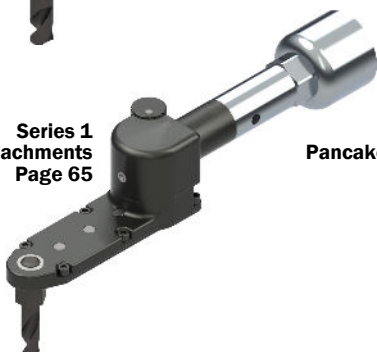
**45 Degree Attachments
Page 64**



**360 Degree Attachments
Page 64**



**Series 1
Pancake Attachments
Page 65**



**Series 2
Pancake Attachments
Page 66**



**Series 4
Pancake Attachments
Page 67**



Build a custom drill kit to fit your needs



Drastically reduce your number of air motors

- The Jiffy Modular Drill system offers complete flexibility with a wide variety of drill attachments.
- Create a custom drill kit to fit your application.
- Our high impact co-polymer cases feature form fit foam interiors to organize all motor and drill attachments.
- Permanently attached metal nameplates listing kit numbers and all components.

Lubrication Instructions

Safety Warnings

Recommended Drill RPM's per drill size chart

Fraction-Decimal-Millimeter conversion chart

Service Policy

Page 70

Page 71

Page 72

Page 73

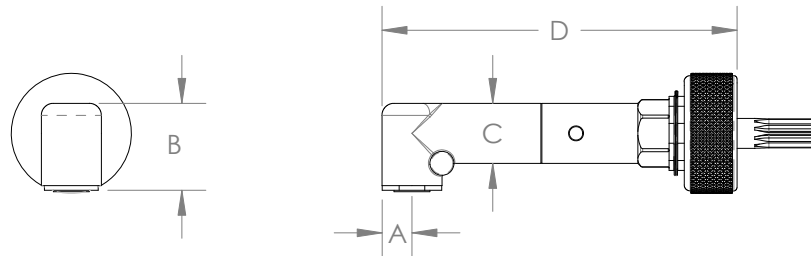
Inside Back Cover

	A	B	C	D	90 DEGREE DRILL	
INCH	.312	.905	.625	3.699	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	7.92	22.9	15.87	93.95		6.35 mm



17169

CLOSE CENTER TO EDGE 90 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

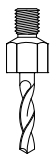


The output gear rides in a bushing instead of ball bearings. Attachment speed should be limited to **3000 RPM or less**.

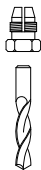


You must select an internal thread

THREADED
DRILL

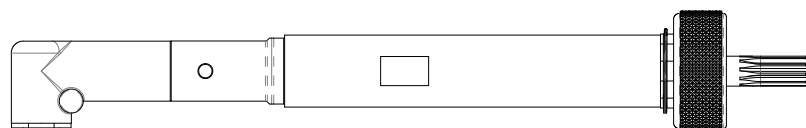


COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

Shown with
24316
.45 HP 2400 RPM
Straight Motor



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

Order Example:
Order "17169A" for attachment with a 1/4-28 internally threaded nose gear.
Order "17169GA" for attachment with extension and a 1/4-28 internally threaded nose gear.
When ordering with a motor, order "[MOTOR#]-[ATTACHMENT#]", Ex. "24316-17169A".

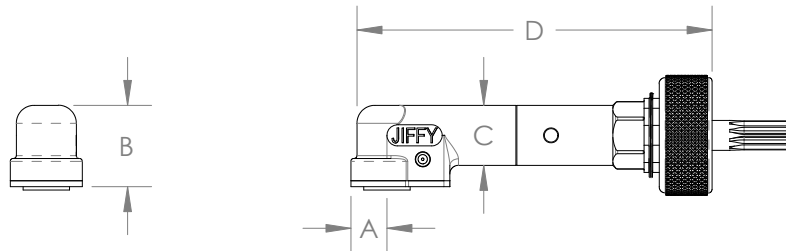
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	90 DEGREE DRILL	
INCH	.375	.847	.625	3.699	MAXIMUM RECOMMENDED	.250 in
MM	9.52	21.5	15.87	93.95	DRILL DIAMETER	6.35 mm



16500

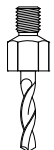
ALL BEARING LOW PROFILE 90 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



Shown with
17639-1
.85 HP 3000 RPM
Straight Motor

You must select an
internal thread

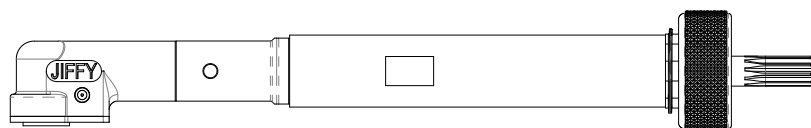
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

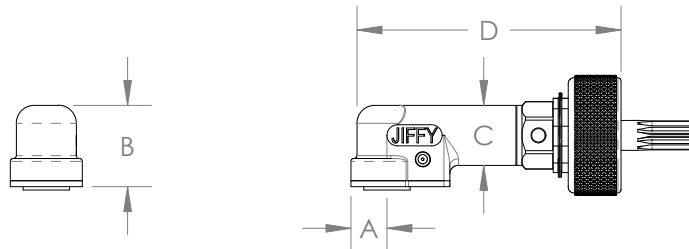
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	90 DEGREE DRILL	
INCH	.375	.847	.625	2.752	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	9.52	21.5	15.87	69.9		6.35 mm



17945

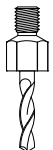
ALL BEARING LOW PROFILE 90 DEGREE DRILL ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



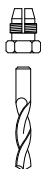
Shown with
17639
.85 HP 3000 RPM
Straight Motor

You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D

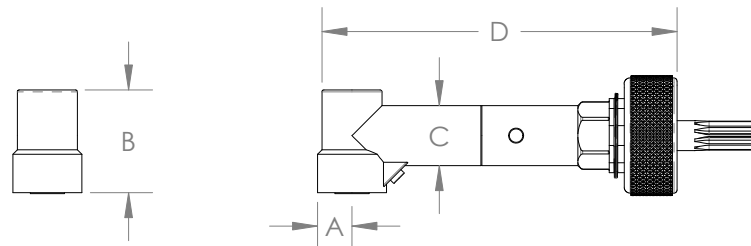
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	90 DEGREE DRILL	
INCH	.359	1.070	.625	3.699	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	9.12	27.18	15.87	93.95		6.35 mm



14977

ALL BEARING 90 DEGREE DRILL ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM

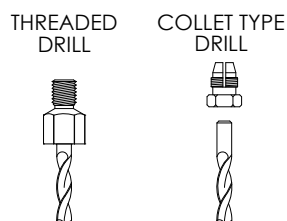


Vinyl
Cover
Available

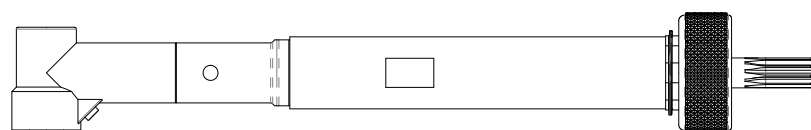


Shown with
24316
.45 HP 2400 RPM
Straight Motor

You must select an
internal thread



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

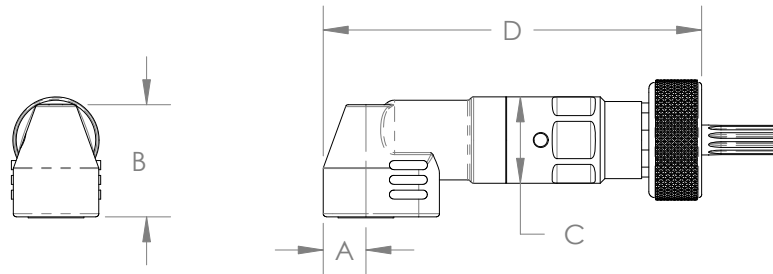
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	90 DEGREE DRILL	
INCH	.445	1.168	.900	3.942	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	11.30	29.67	22.86	100.13		9.52 mm



18107

ALL BEARING SUPER DUTY 90 DEGREE DRILL ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



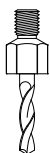
Vinyl
Cover
Available



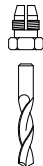
Shown with
17300
1.5 HP 6000 RPM
Straight Motor

You must select an
internal thread

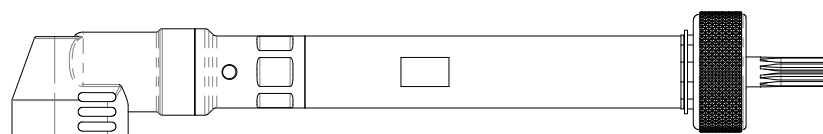
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

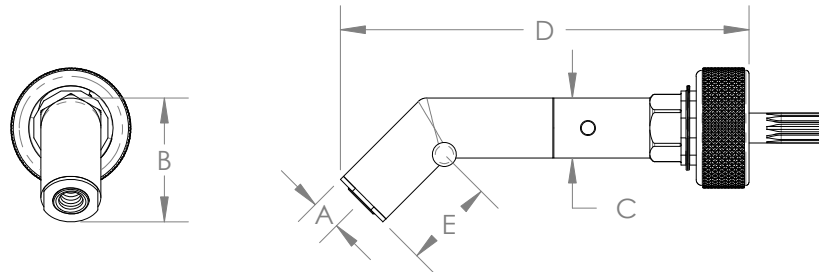
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	45 DEGREE DRILL	
INCH	.312	1.290	.625	4.255	.949	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	7.92	32.77	15.88	108.08	24.10		6.35 mm

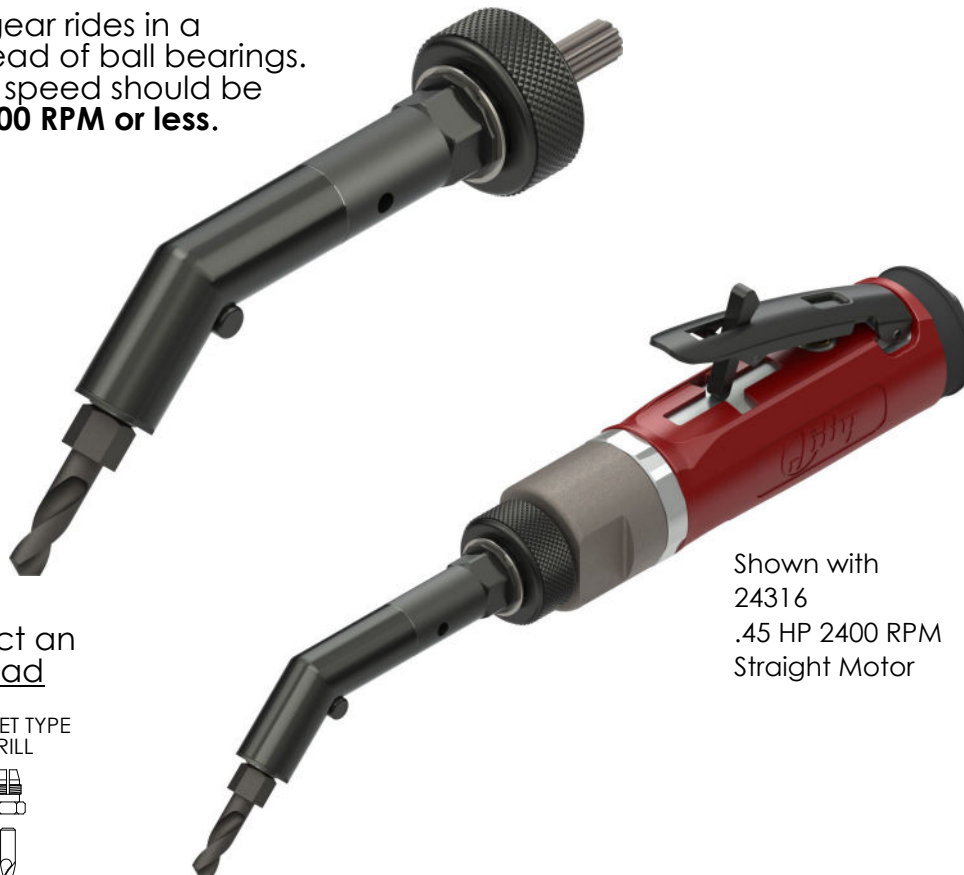


14988

45 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



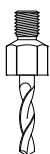
The output gear rides in a bushing instead of ball bearings. Attachment speed should be limited to **3000 RPM or less**.



Shown with
24316
.45 HP 2400 RPM
Straight Motor

You must select an
internal thread

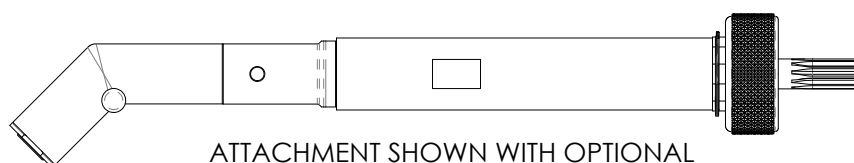
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

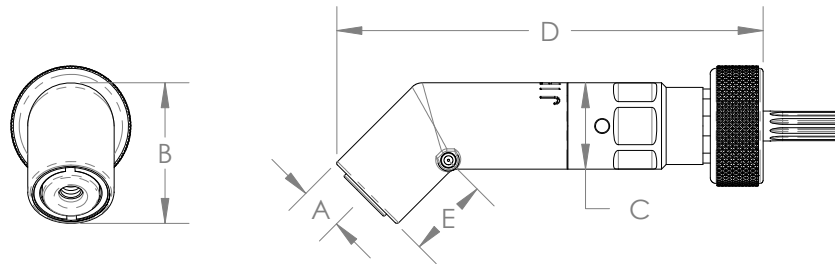
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	45 DEGREE DRILL	
INCH	.450	1.465	.900	4.440	.852	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	11.43	37.21	22.86	112.78	21.64		9.52 mm



17596

ALL BEARING SUPER DUTY 45 DEGREE DRILL ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM

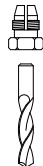
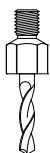


Shown with
17300
1.5 HP 6000 RPM
Straight Motor

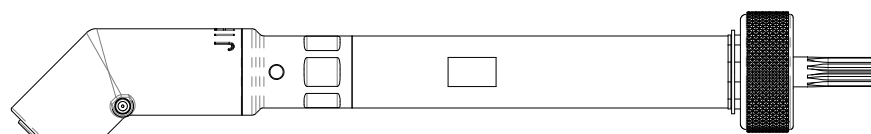
You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

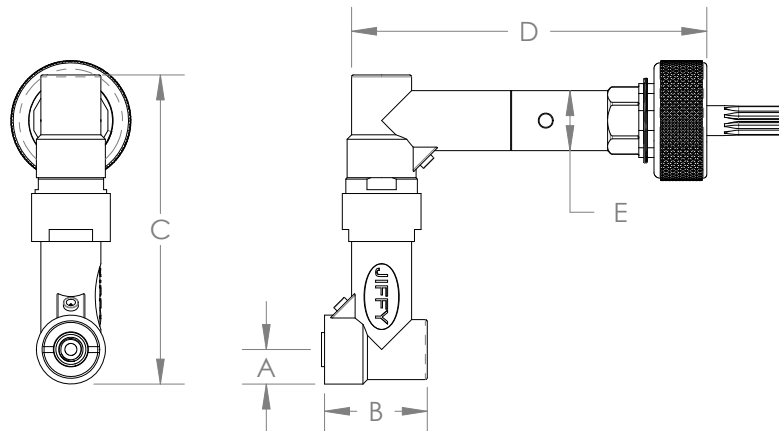
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	360 DEGREE DRILL	
INCH	.359	1.070	3.220	3.699	.625	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	9.12	27.18	81.79	93.95	15.88		6.35 mm

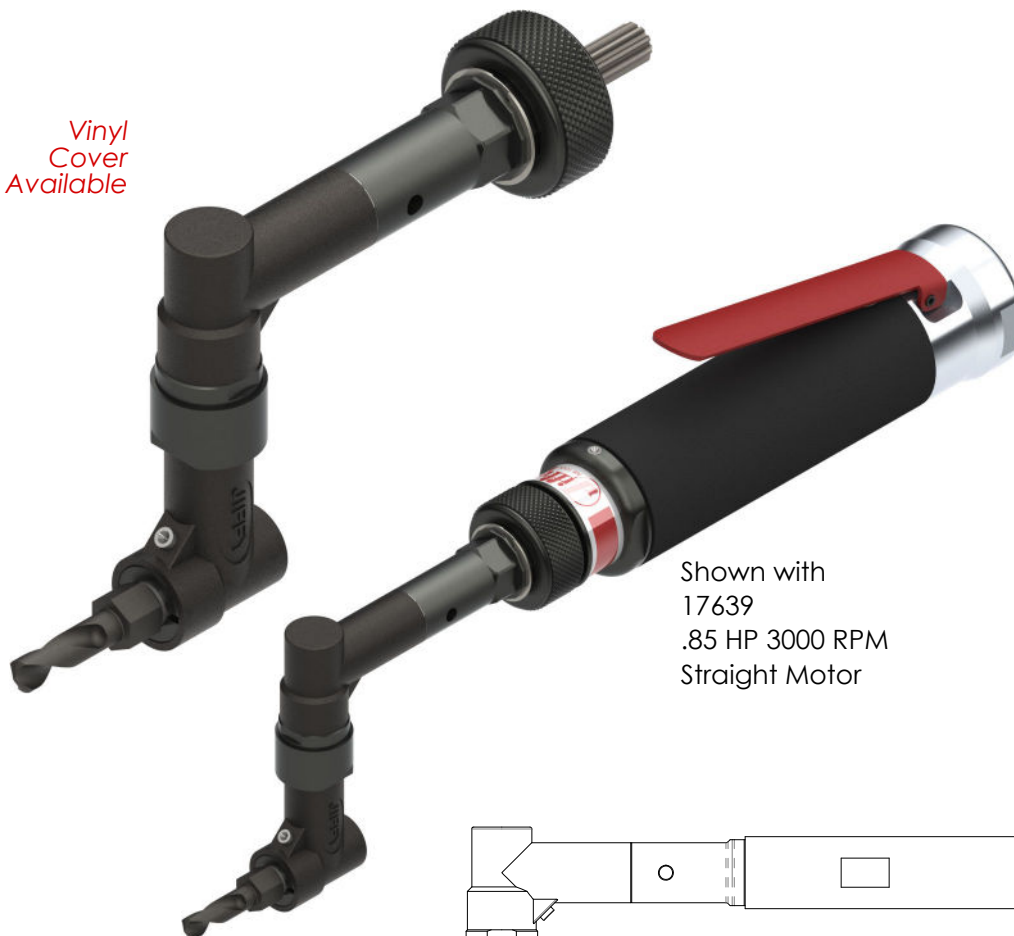


15000

ALL BEARING 360 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



Vinyl
Cover
Available



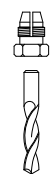
Shown with
17639
.85 HP 3000 RPM
Straight Motor

You must select an
internal thread

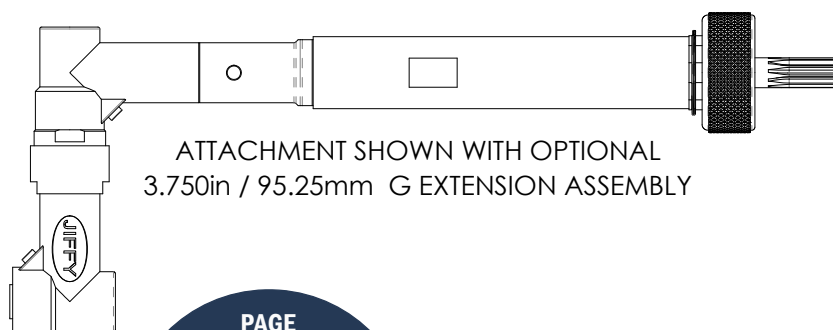
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D



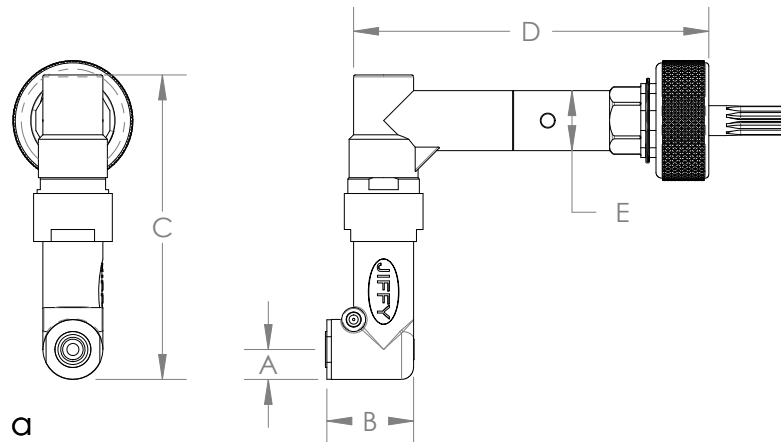
ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

	A	B	C	D	E	360 DEGREE DRILL	
INCH	.312	1.070	3.173	3.699	.625	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	7.92	27.18	80.59	93.95	15.88		6.35 mm



15000M

LIMITED ACCESS 360 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



The output gear rides in a bushing instead of ball bearings.
Attachment speed should be limited to **3000 RPM or less.**



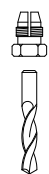
Shown with
17639-1
.85 HP 3000 RPM
Straight Motor

You must select an
internal thread

THREADED
DRILL

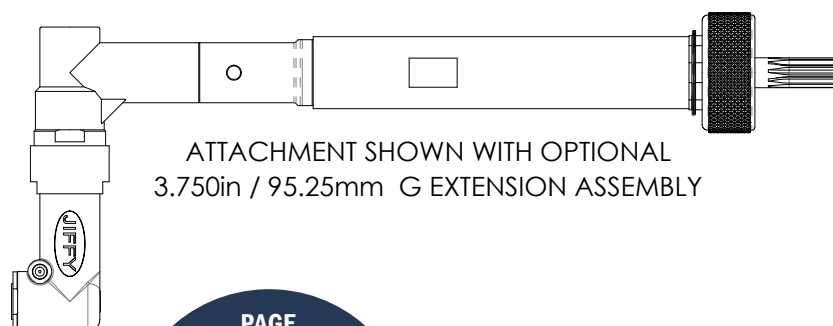


COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY



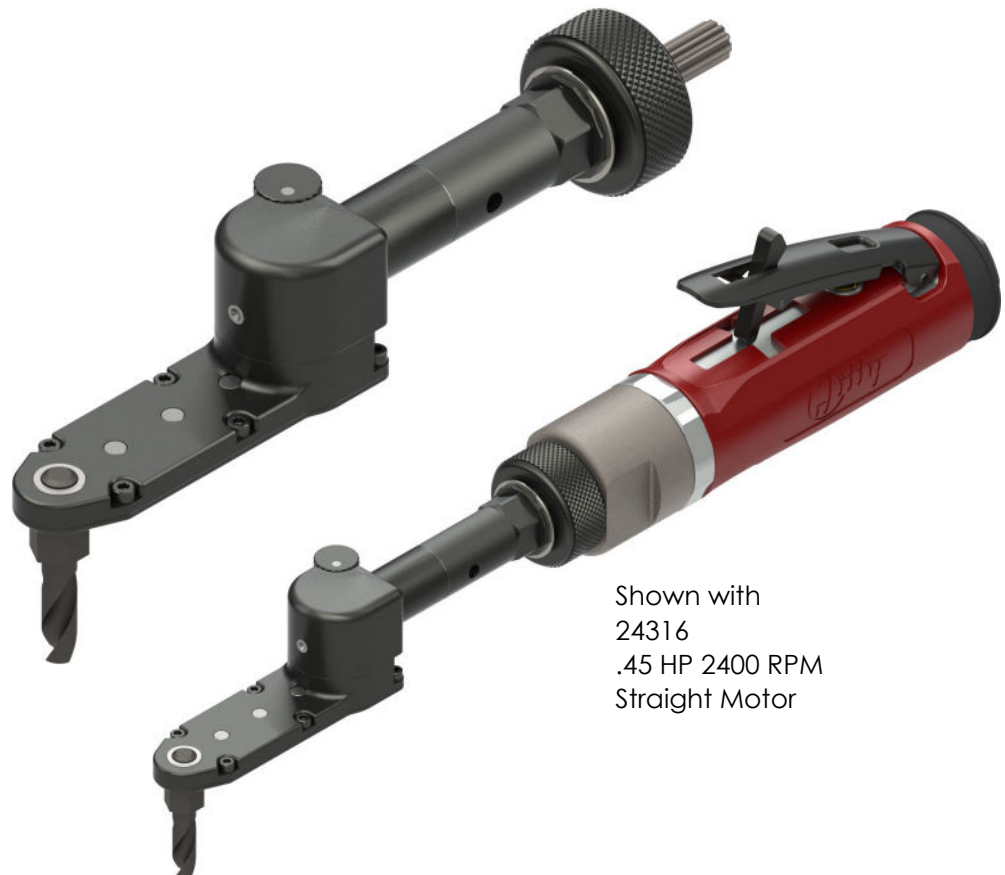
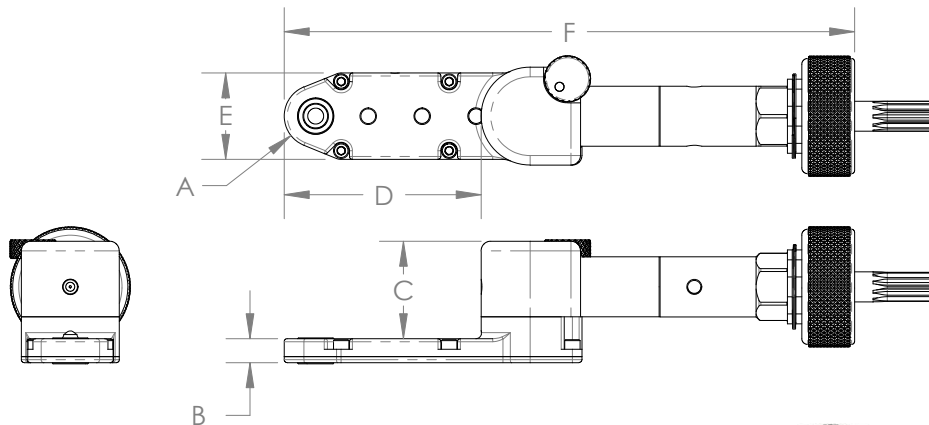
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 1 PANCAKE DRILL	
INCH	R.327	.250	1.016	2.052	.900	5.941	MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in
MM	R8.31	6.35	25.81	52.12	22.86	150.90		4.76 mm



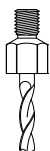
15010

ALL BEARING INDEXABLE PANCAKE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

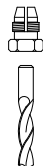


You must select an
internal thread

THREADED
DRILL

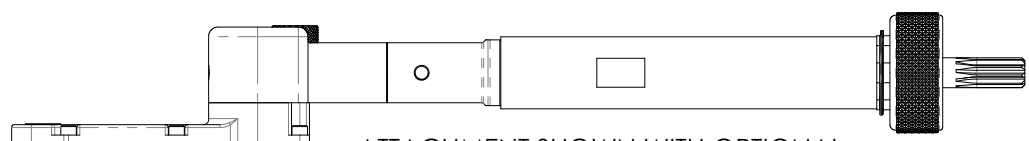


COLLET TYPE
DRILL



Shown with
24316
.45 HP 2400 RPM
Straight Motor

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

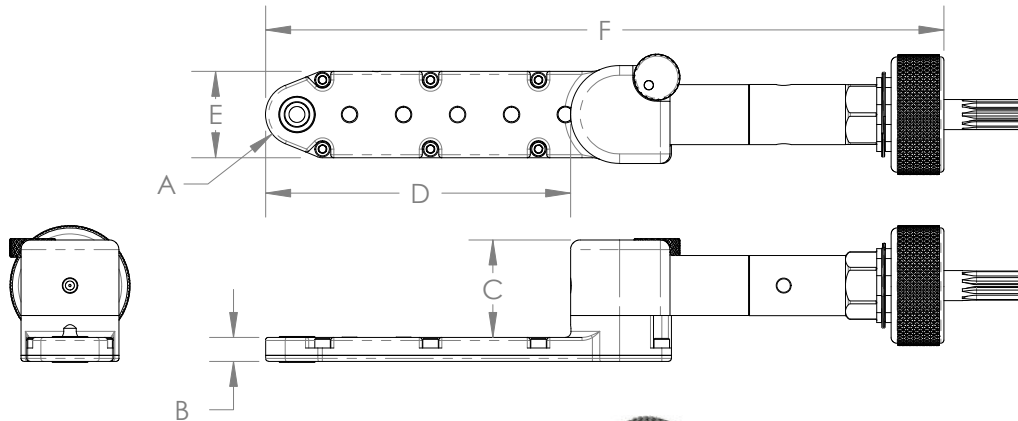
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 1 PANCAKE DRILL	
INCH	R.327	.250	1.016	3.177	.900	7.066	MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in
MM	R8.31	6.35	25.81	80.70	22.86	179.48		4.76 mm



16769

ALL BEARING INDEXABLE PANCAKE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



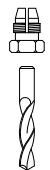
Shown with
24316
.45 HP 2400 RPM
Straight Motor

You must select an
internal thread

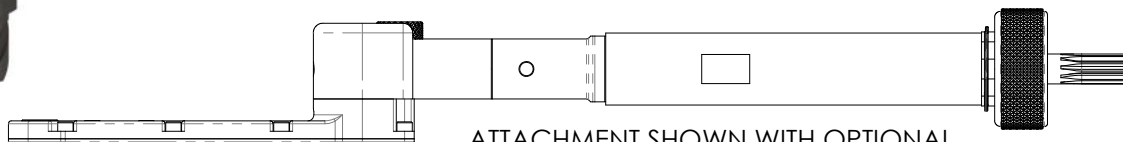
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

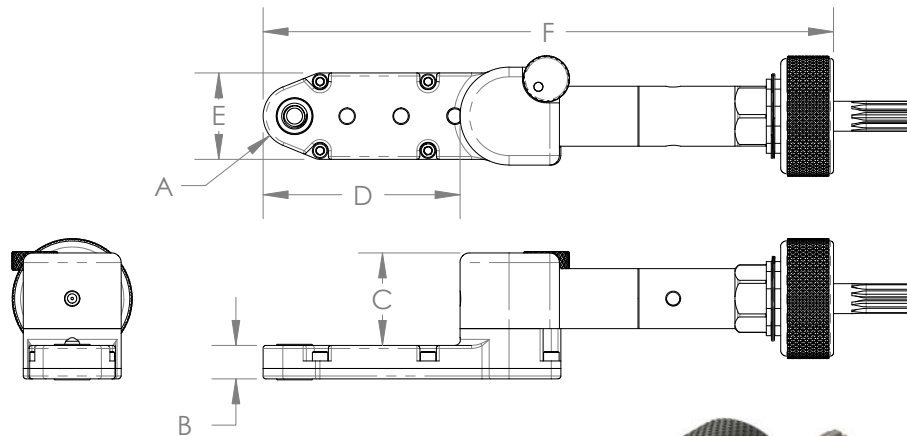
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 2 PANCAKE DRILL	
INCH	R.327	.350	.963	2.052	.900	5.941	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	R8.31	8.89	24.46	52.12	22.86	150.90		6.35 mm



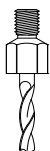
15021

ALL BEARING INDEXABLE PANCAKE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

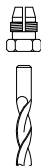


You must select an
internal thread

THREADED
DRILL

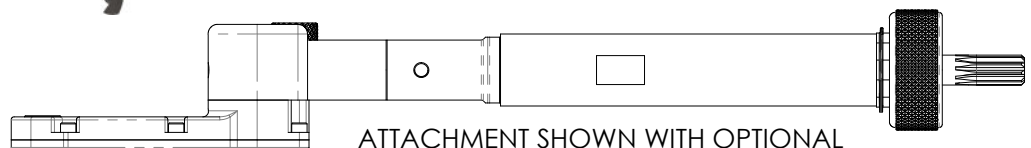


COLLET TYPE
DRILL



Shown with
17639
.85 HP 3000 RPM
Straight Motor

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

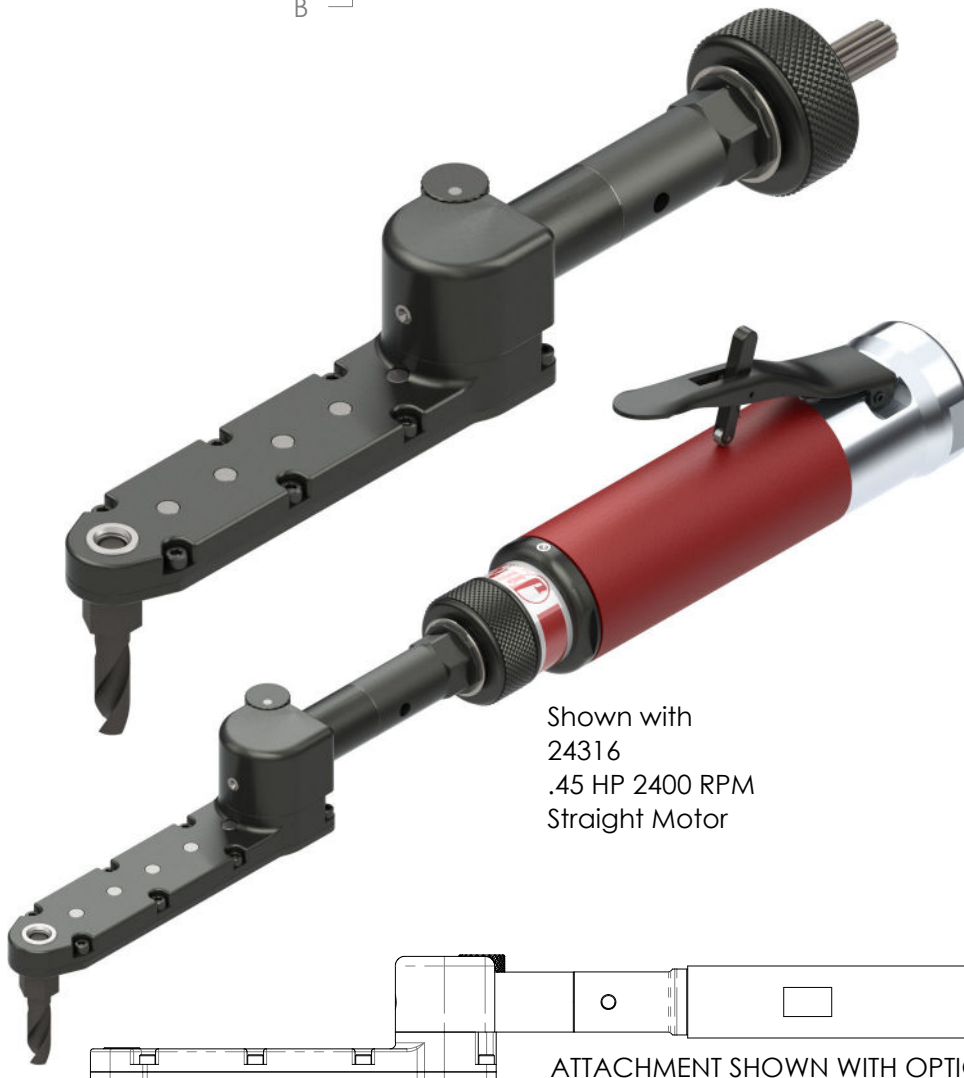
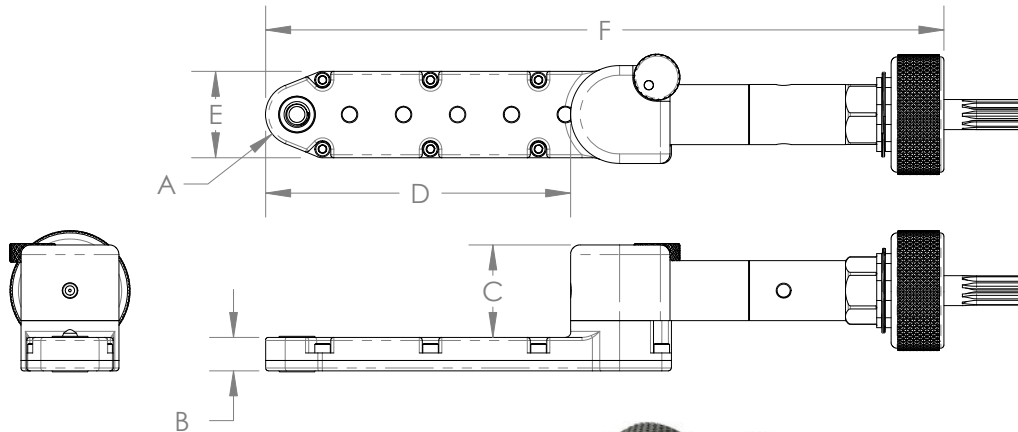
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 2 PANCAKE DRILL	
INCH	R.327	.350	.963	3.177	.900	7.066	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	R8.31	8.89	24.46	80.70	22.86	179.48		6.35 mm



17680

ALL BEARING INDEXABLE PANCAKE DRILL ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



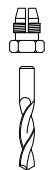
Shown with
24316
.45 HP 2400 RPM
Straight Motor

You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

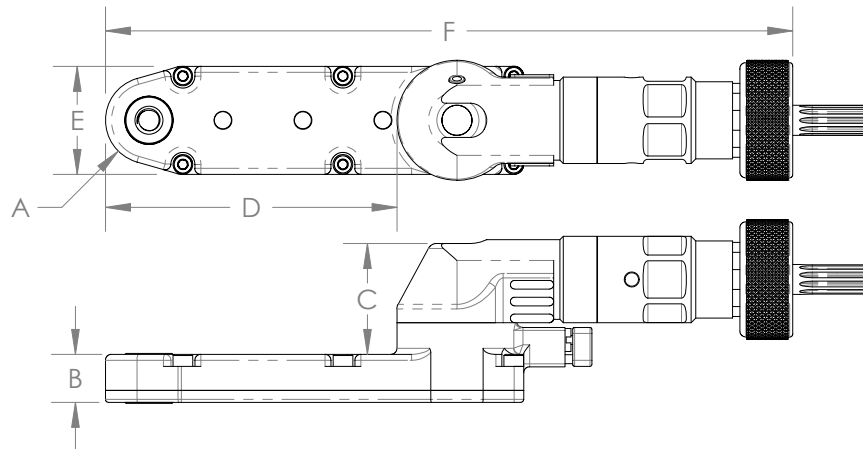
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 4 PANCAKE DRILL	
INCH	R.452	.500	1.155	3.036	1.125	7.158	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	R11.49	12.70	29.34	77.11	28.58	181.81		9.52 mm

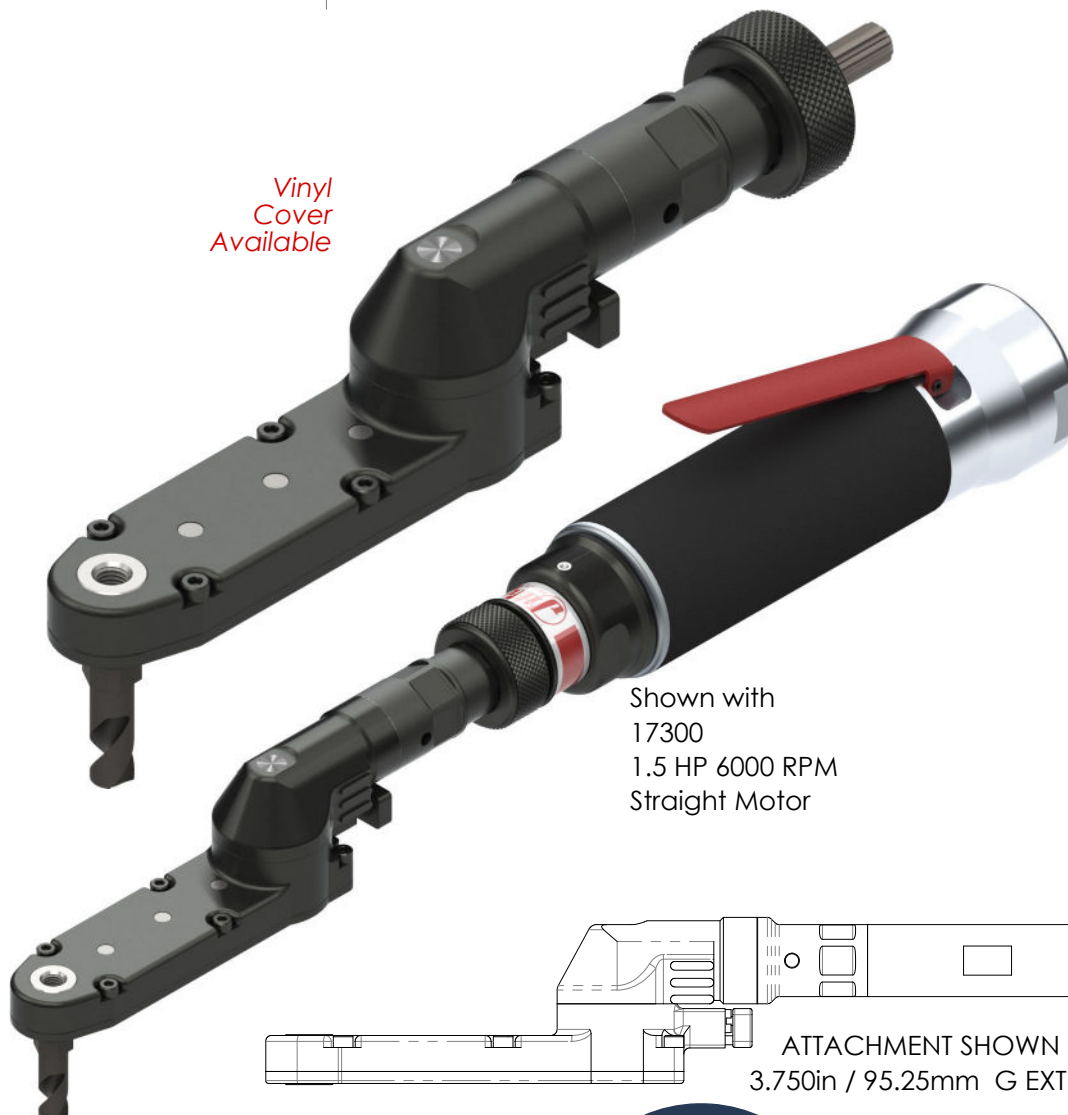


17700

ALL BEARING INDEXABLE PANCAKE ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



Vinyl
Cover
Available

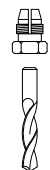


Shown with
17300
1.5 HP 6000 RPM
Straight Motor

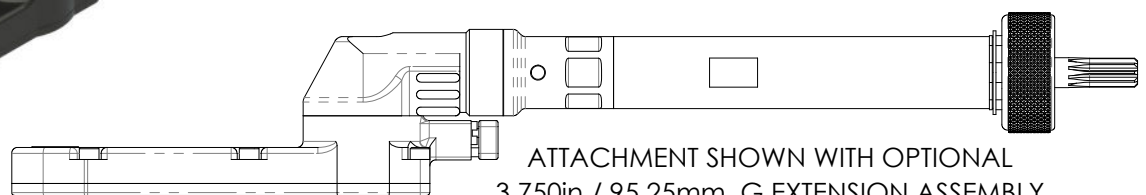
You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

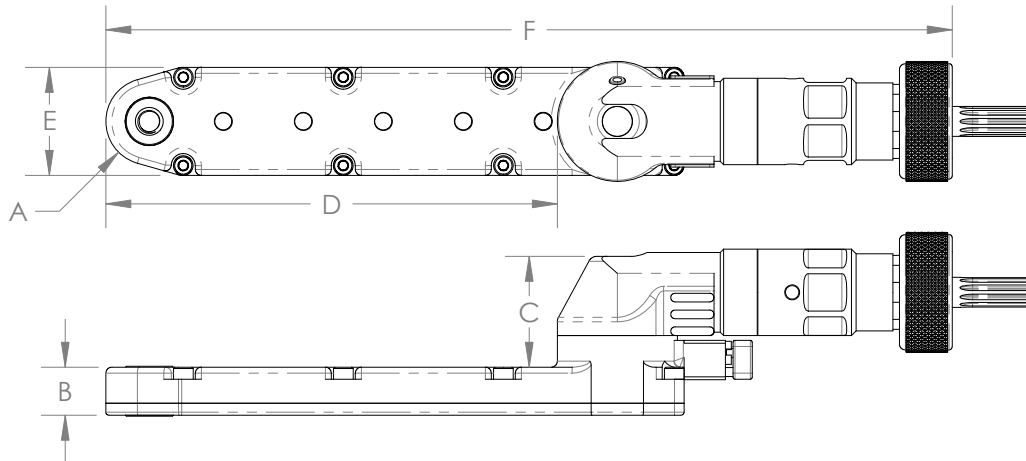
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 4 PANCAKE DRILL	
INCH	R.452	.500	1.155	4.702	1.125	8.815	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	R11.49	12.70	29.34	119.43	28.58	223.90		9.52 mm



17734

ALL BEARING INDEXABLE PANCAKE ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



You must select an
internal thread

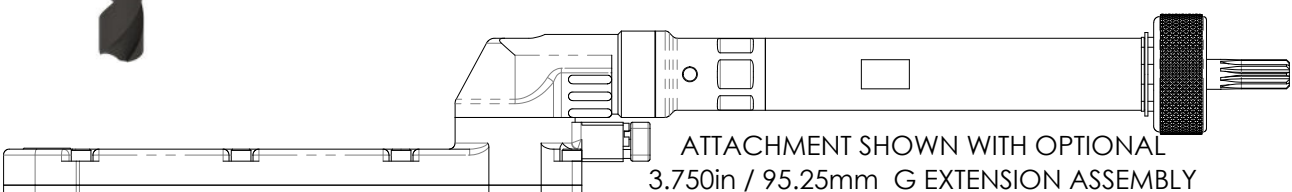
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y



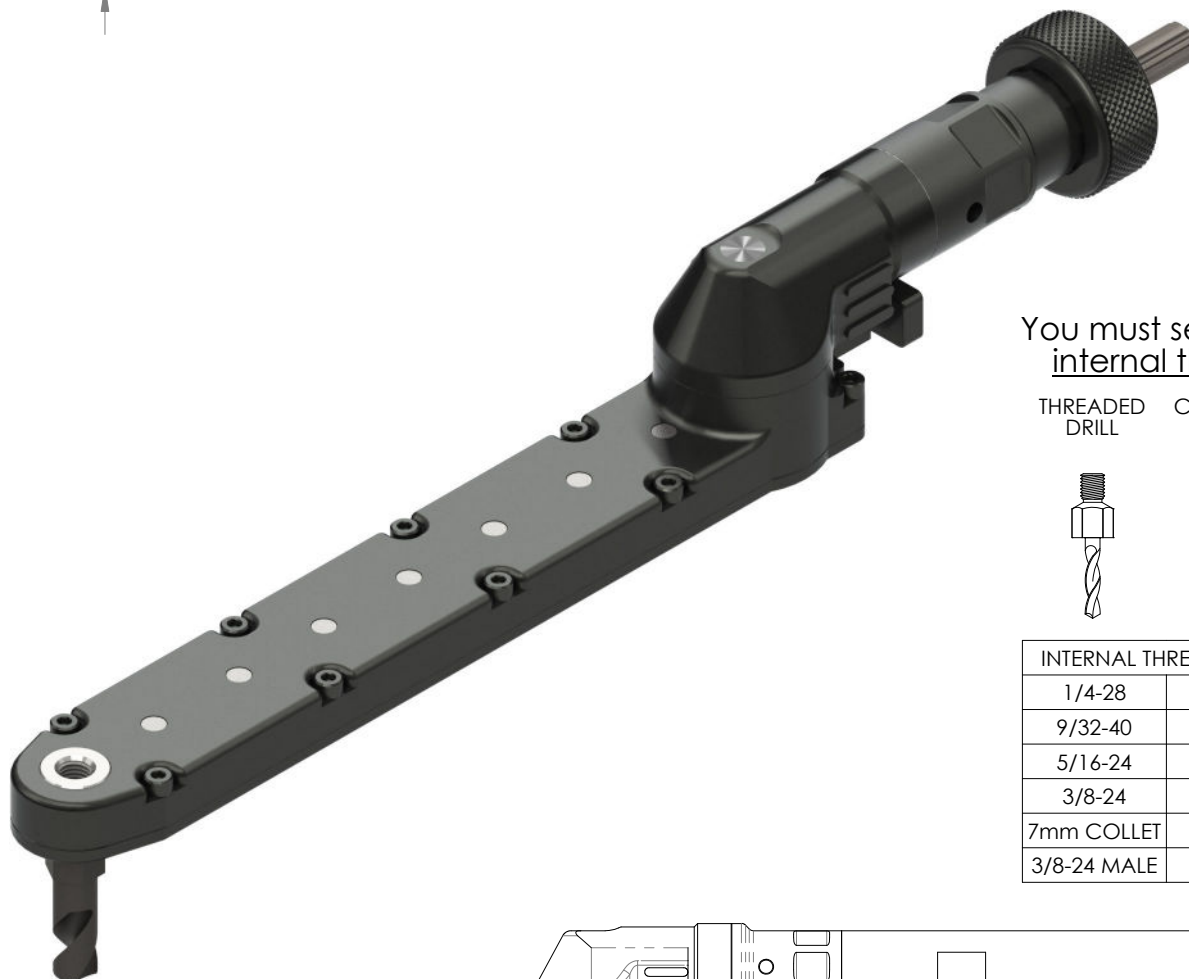
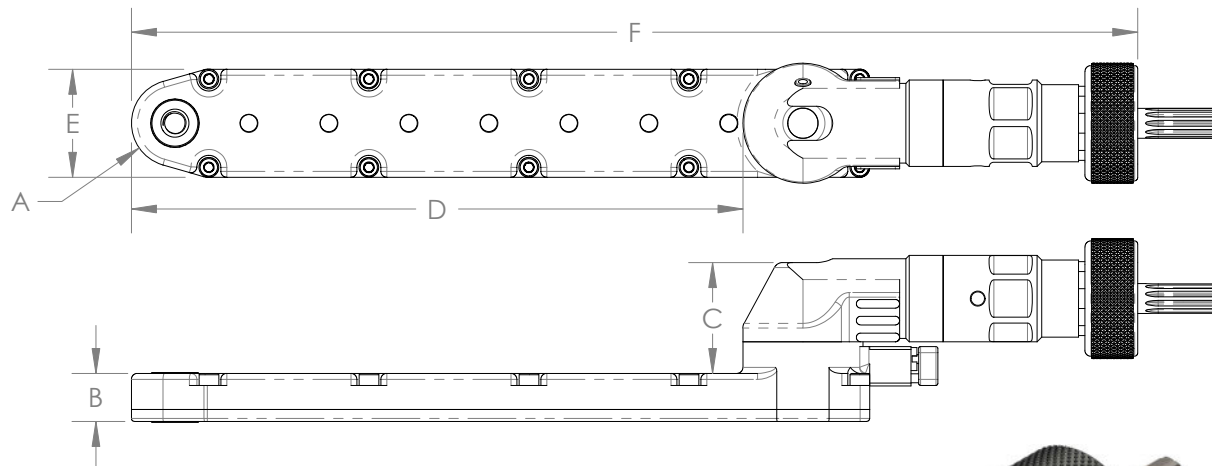
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	SERIES 4 PANCAKE DRILL	
INCH	R.452	.500	1.155	6.369	1.125	10.482	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	R11.49	12.70	29.34	161.77	28.58	266.24		9.52 mm



17735

ALL BEARING INDEXABLE PANCAKE ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



You must select an
internal thread

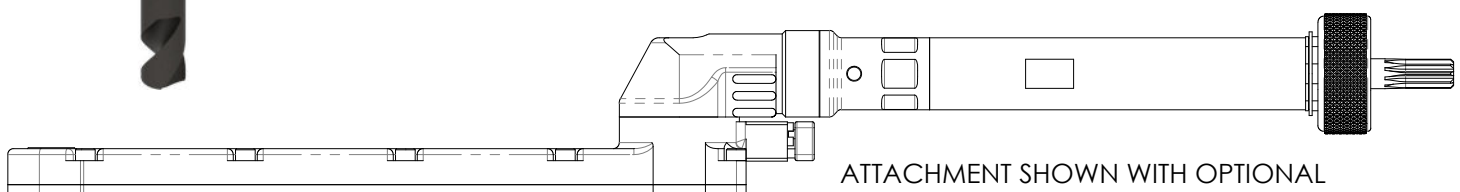
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y



ATTACHMENT SHOWN WITH OPTIONAL
3.750in / 95.25mm G EXTENSION ASSEMBLY

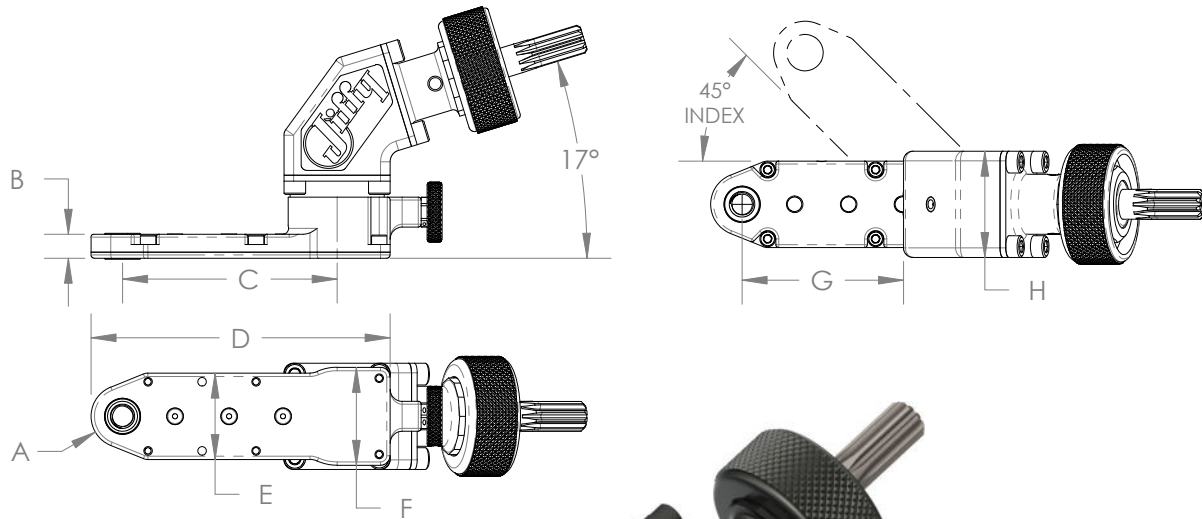
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 1 17 DEGREE DRILL	
INCH	R.327	.250	2.234	3.115	.900	1.020	1.681	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in
MM	R8.31	6.35	56.74	79.12	22.86	25.91	42.70	28.09		4.76 mm



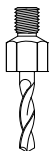
16230

SERIES 1 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

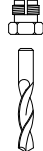


You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
24316
.45 HP 2400 RPM
Straight Motor

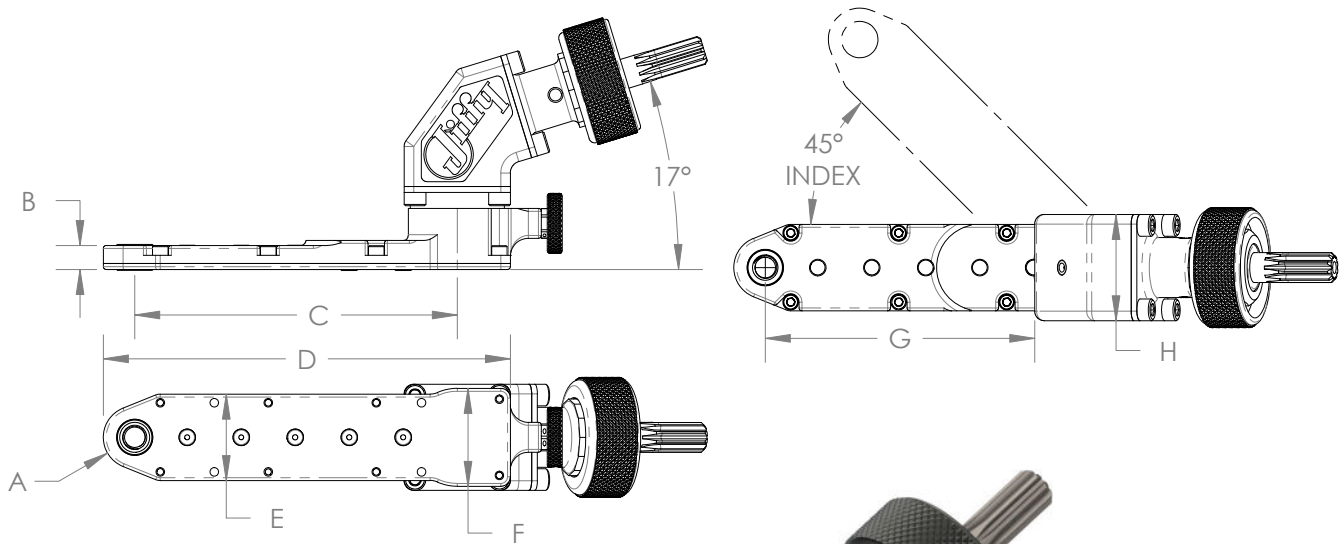
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 1 17 DEGREE DRILL	
INCH	R.327	.250	3.359	4.240	.900	1.020	2.806	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in
MM	R8.31	6.35	85.32	107.70	22.86	25.91	71.27	28.09		4.76 mm



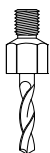
17689

SERIES 1 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



You must select an
internal thread

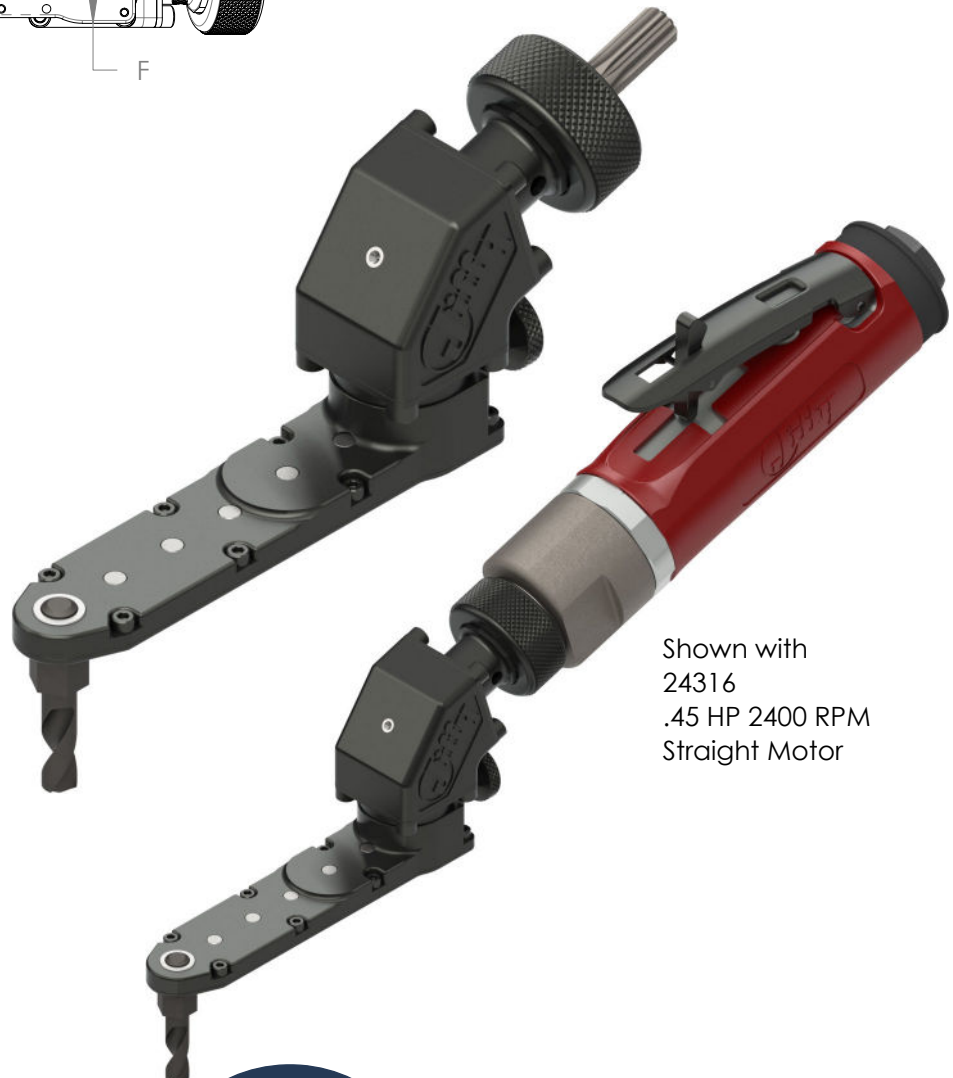
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
24316
.45 HP 2400 RPM
Straight Motor

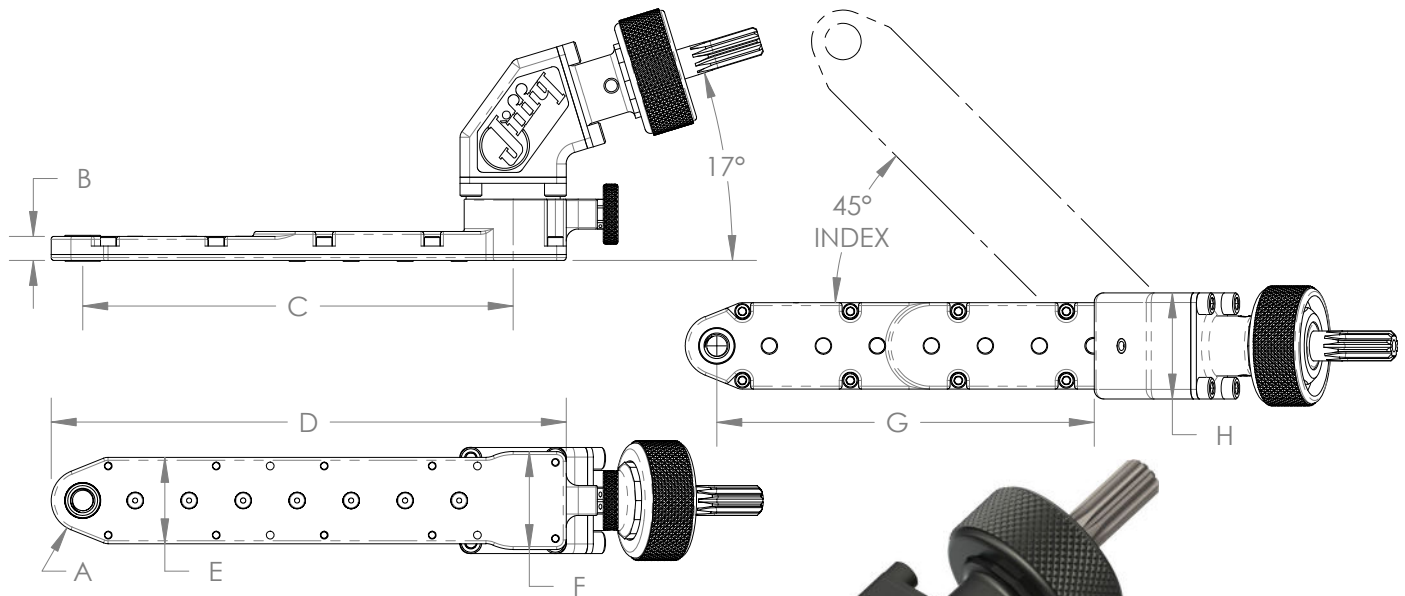
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 1 17 DEGREE DRILL	
INCH	R.327	.250	4.484	5.365	.900	1.020	3.931	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in
MM	R8.31	6.35	113.89	136.27	22.86	25.91	99.85	28.09		4.76 mm



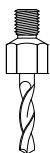
17642

SERIES 1 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

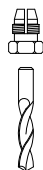


You must select an
internal thread

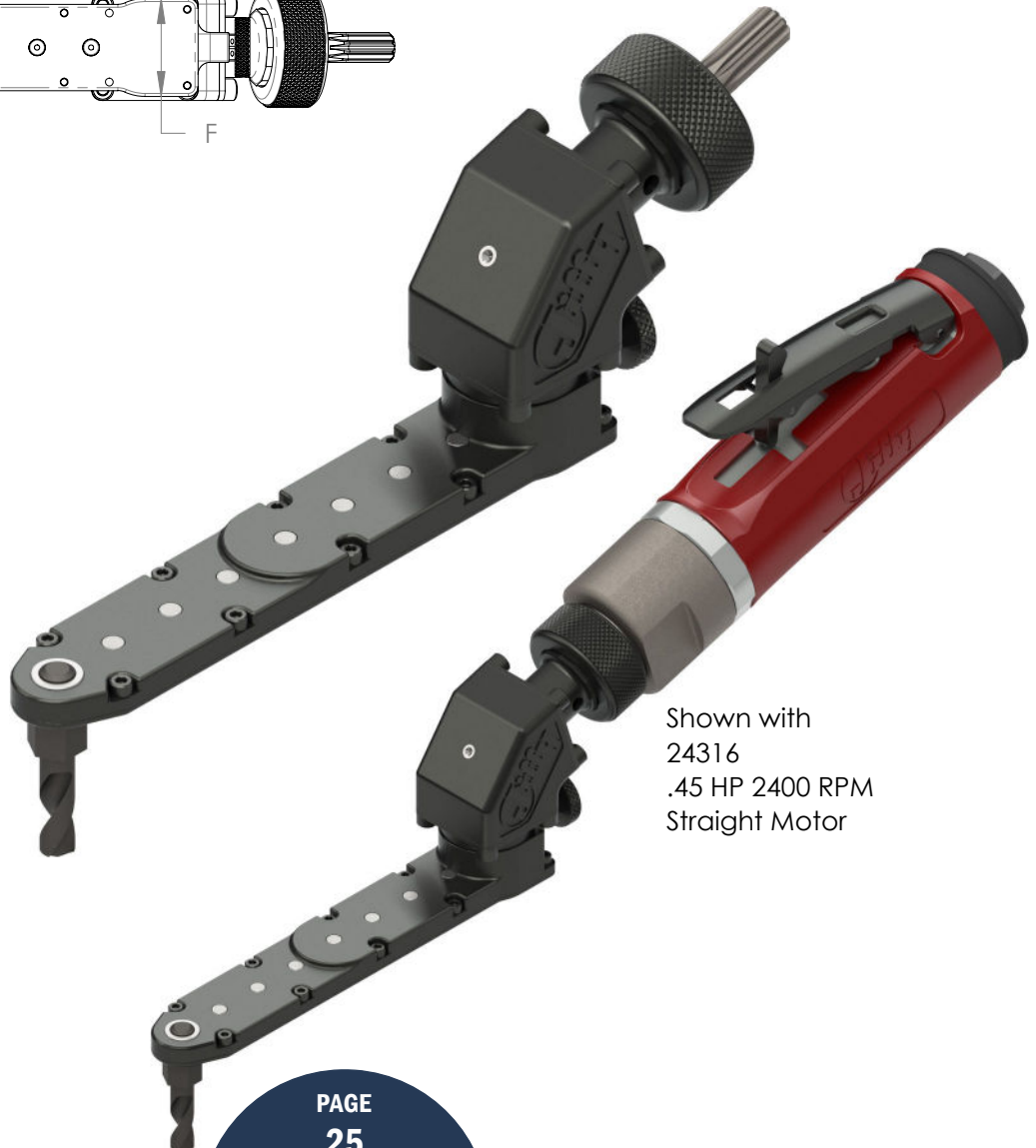
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
24316
.45 HP 2400 RPM
Straight Motor

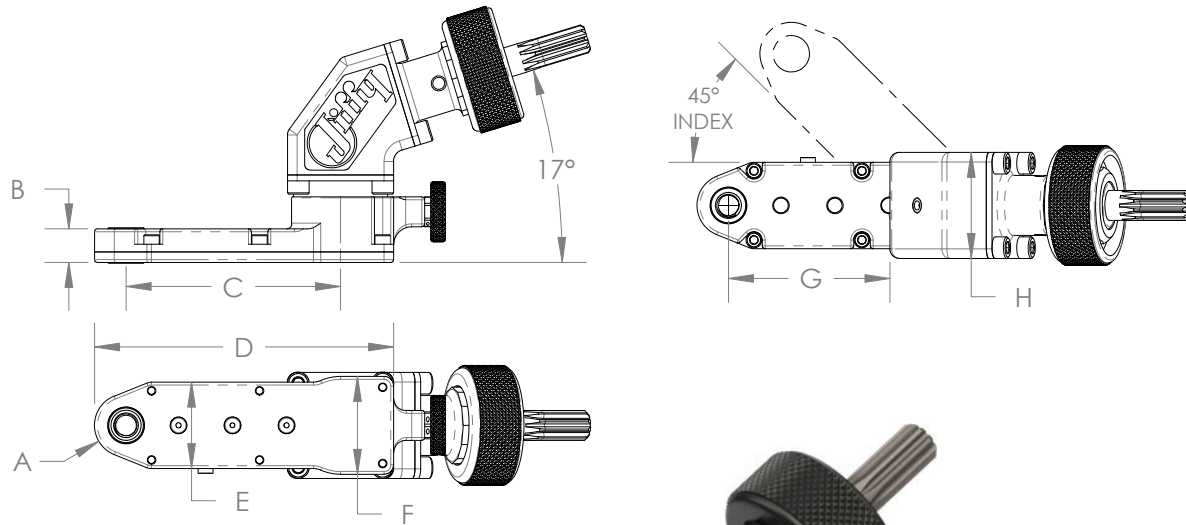
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 2 17 DEGREE DRILL	
INCH	R.327	.350	2.234	3.115	.900	1.020	1.681	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	R8.31	8.89	56.74	79.12	22.86	25.91	42.70	28.09		6.35 mm



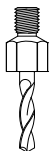
16419

SERIES 2 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

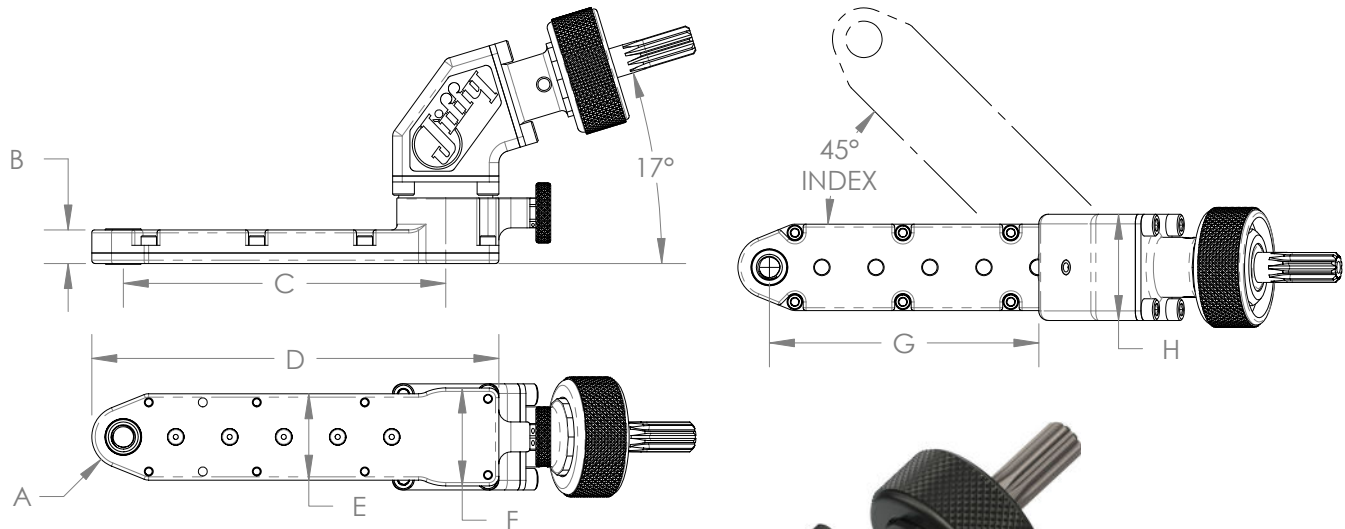
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 2 17 DEGREE DRILL	
INCH	R.327	.350	3.359	4.240	.900	1.020	2.806	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	R8.31	8.89	85.32	107.70	22.86	25.91	71.27	28.09		6.35 mm



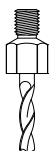
17690

SERIES 2 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

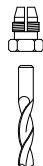


You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

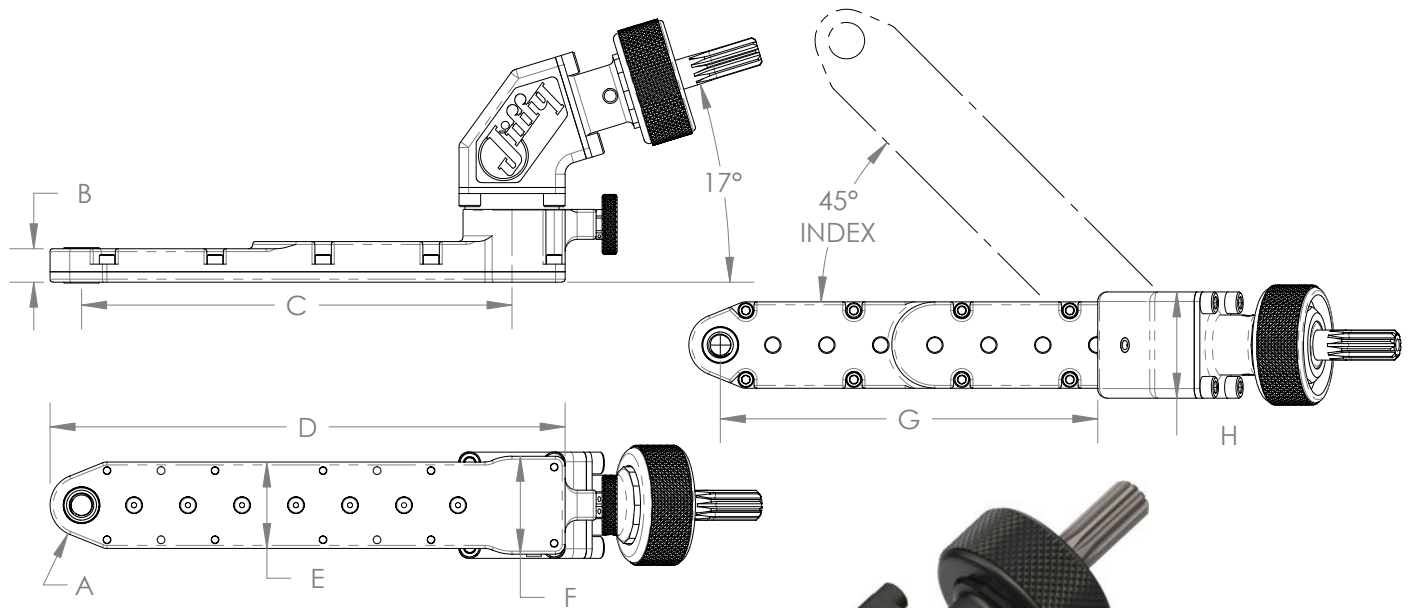
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 2 17 DEGREE DRILL	
INCH	R.327	.350	4.484	5.365	.900	1.020	3.931	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
MM	R8.31	8.89	113.89	136.27	22.86	25.91	99.85	28.09		6.35 mm



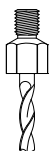
17691

SERIES 2 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

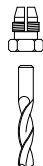


You must select an
internal thread

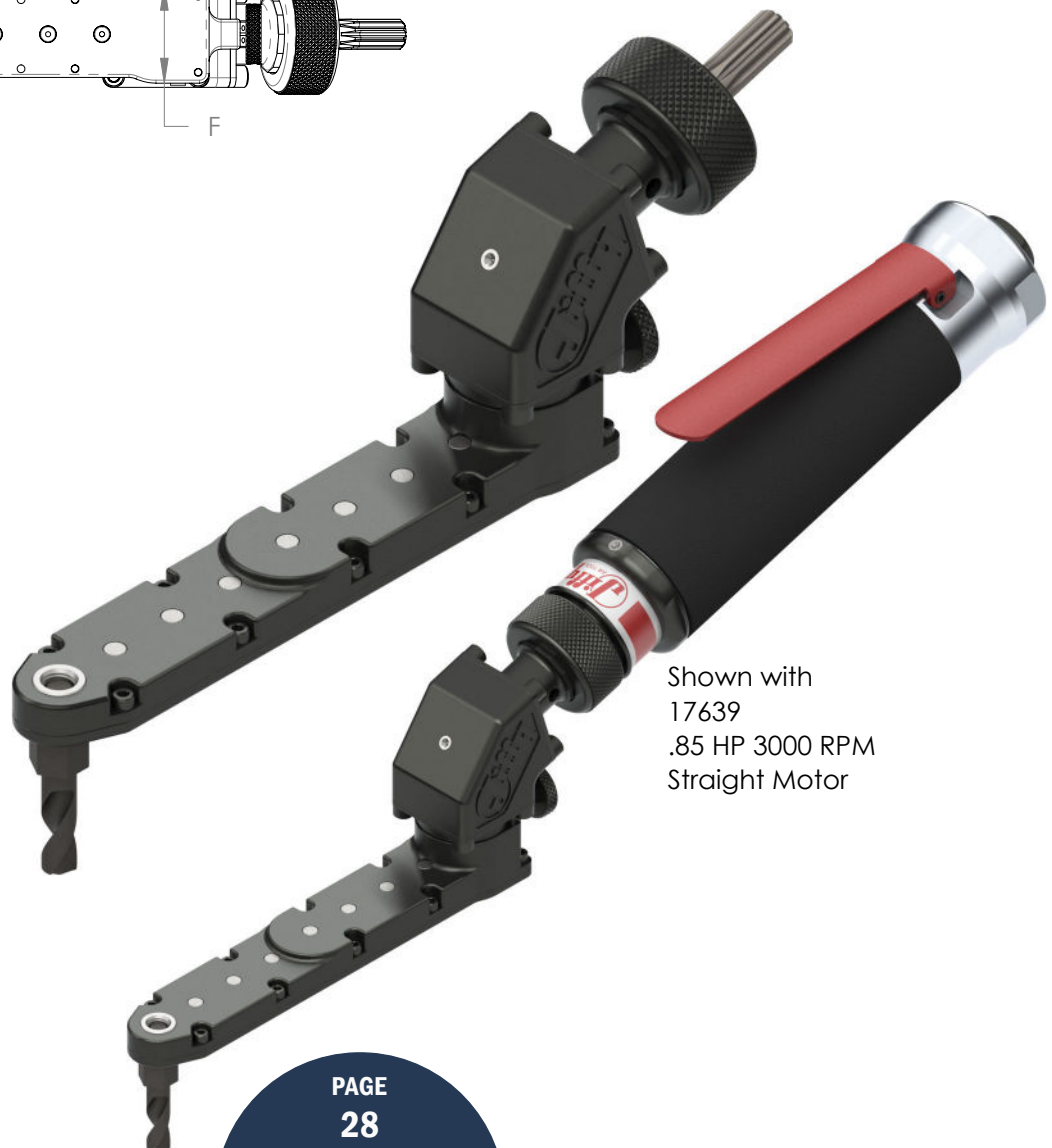
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

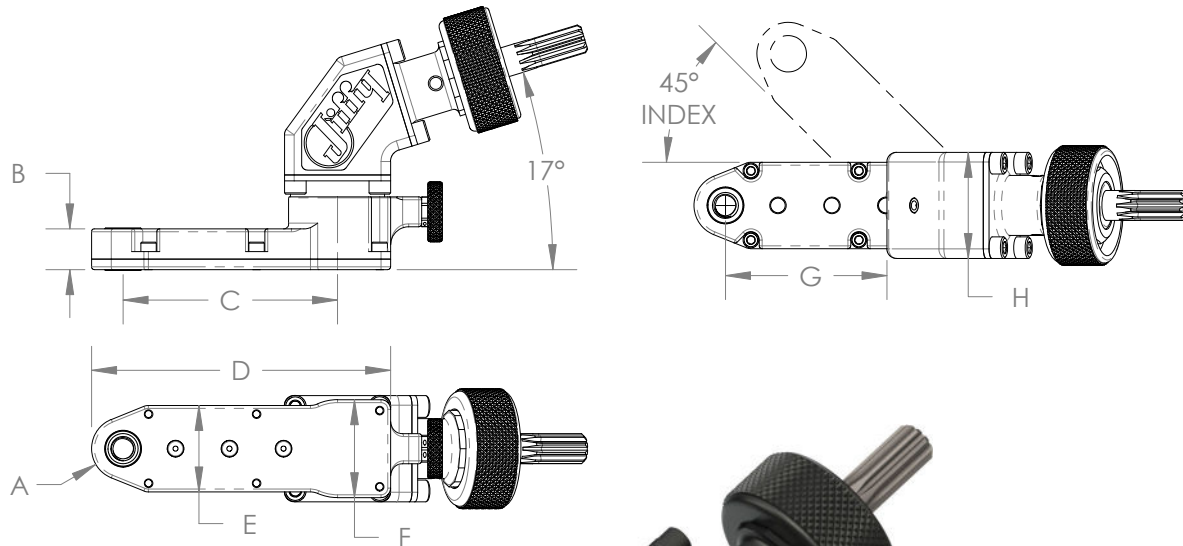
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 3 17 DEGREE DRILL	
INCH	R.327	.425	2.234	3.115	.900	1.020	1.681	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in
MM	R8.31	10.79	56.74	79.12	22.86	25.91	42.70	28.09		7.92 mm



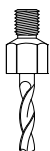
16231

SERIES 3 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

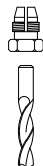


You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

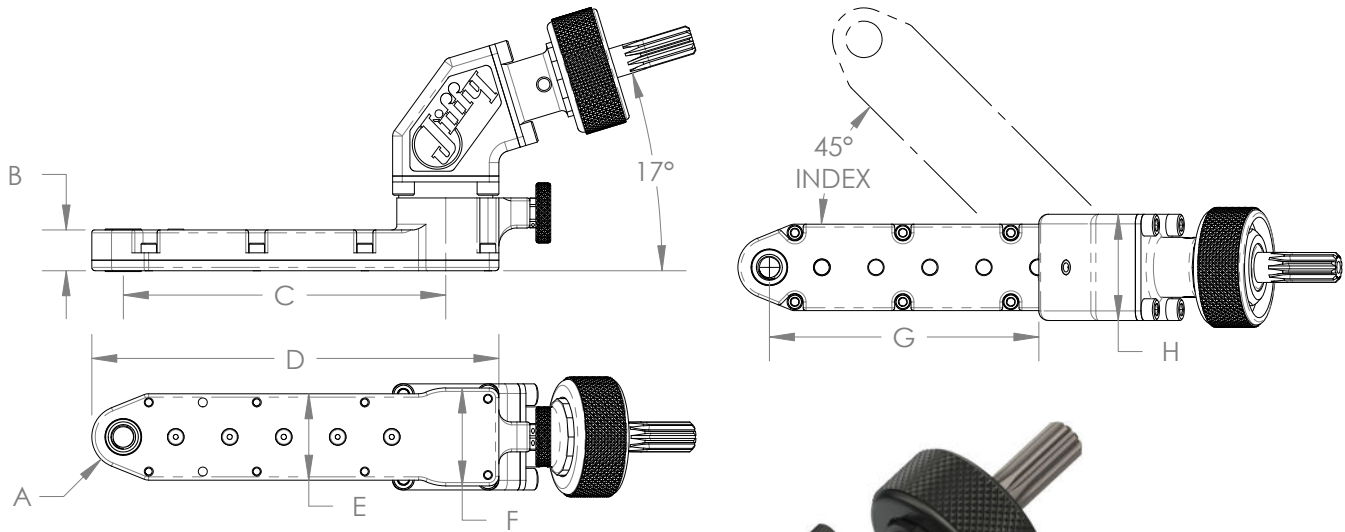
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 3 17 DEGREE DRILL	
INCH	R.327	.425	3.359	4.240	.900	1.020	2.806	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in
MM	R8.31	10.79	85.32	107.70	22.86	25.91	71.27	28.09		7.92 mm



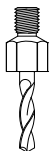
17403

SERIES 3 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

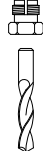


You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

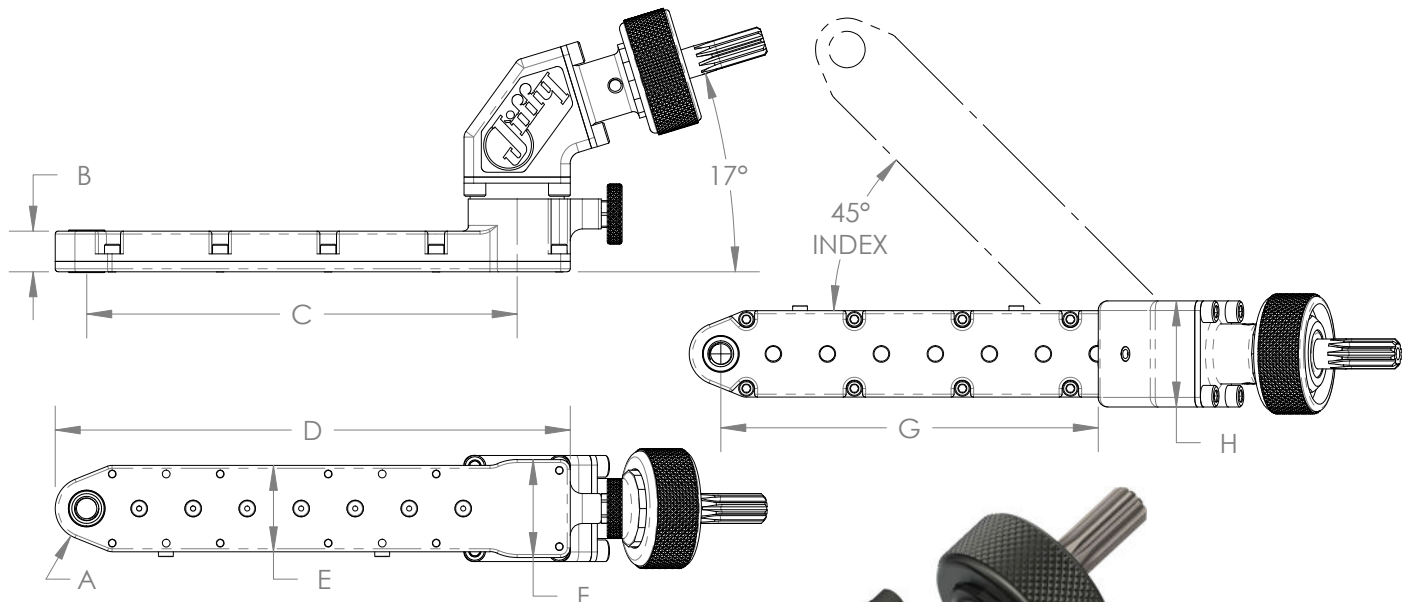
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 3 17 DEGREE DRILL	
INCH	R.327	.425	4.484	5.365	.900	1.020	3.931	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in
MM	R8.31	10.79	113.89	136.27	22.86	25.91	99.85	28.09		7.92 mm



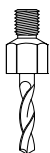
17692

SERIES 3 INDEXABLE 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

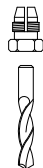


You must select an
internal thread

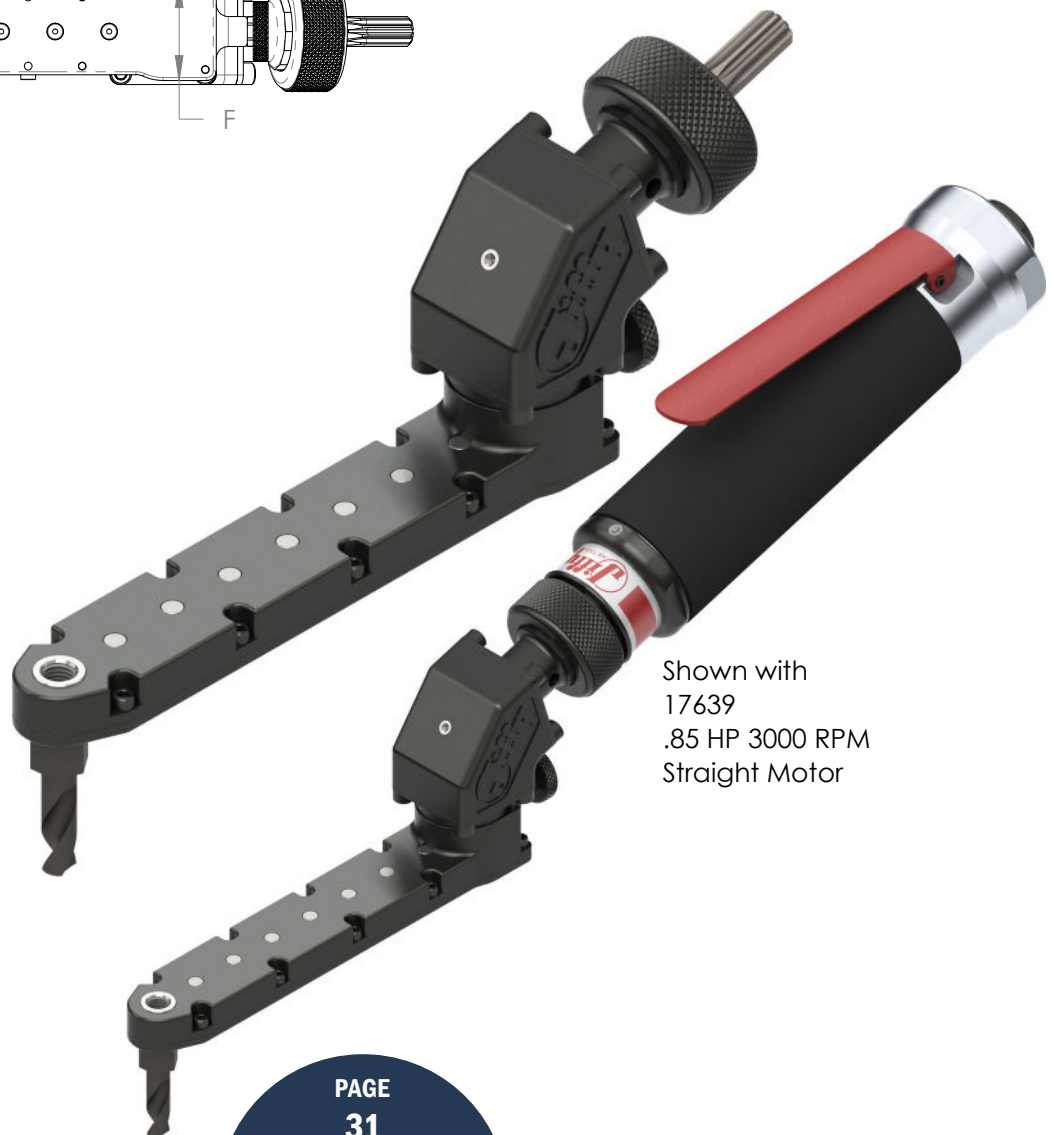
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

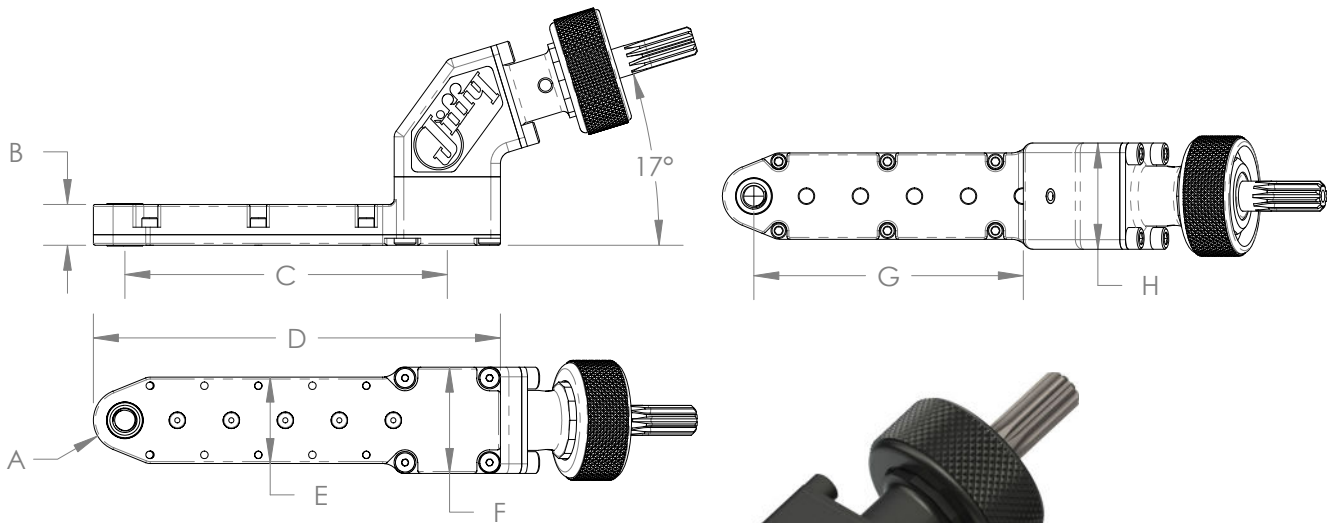
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	H	SERIES 3 17 DEGREE DRILL	
INCH	R.327	.425	3.359	4.240	.900	1.020	2.806	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in
MM	R8.31	10.79	85.32	107.70	22.86	25.91	71.27	28.09		7.92 mm



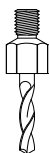
17833

SERIES 3 FIXED 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM



You must select an
internal thread

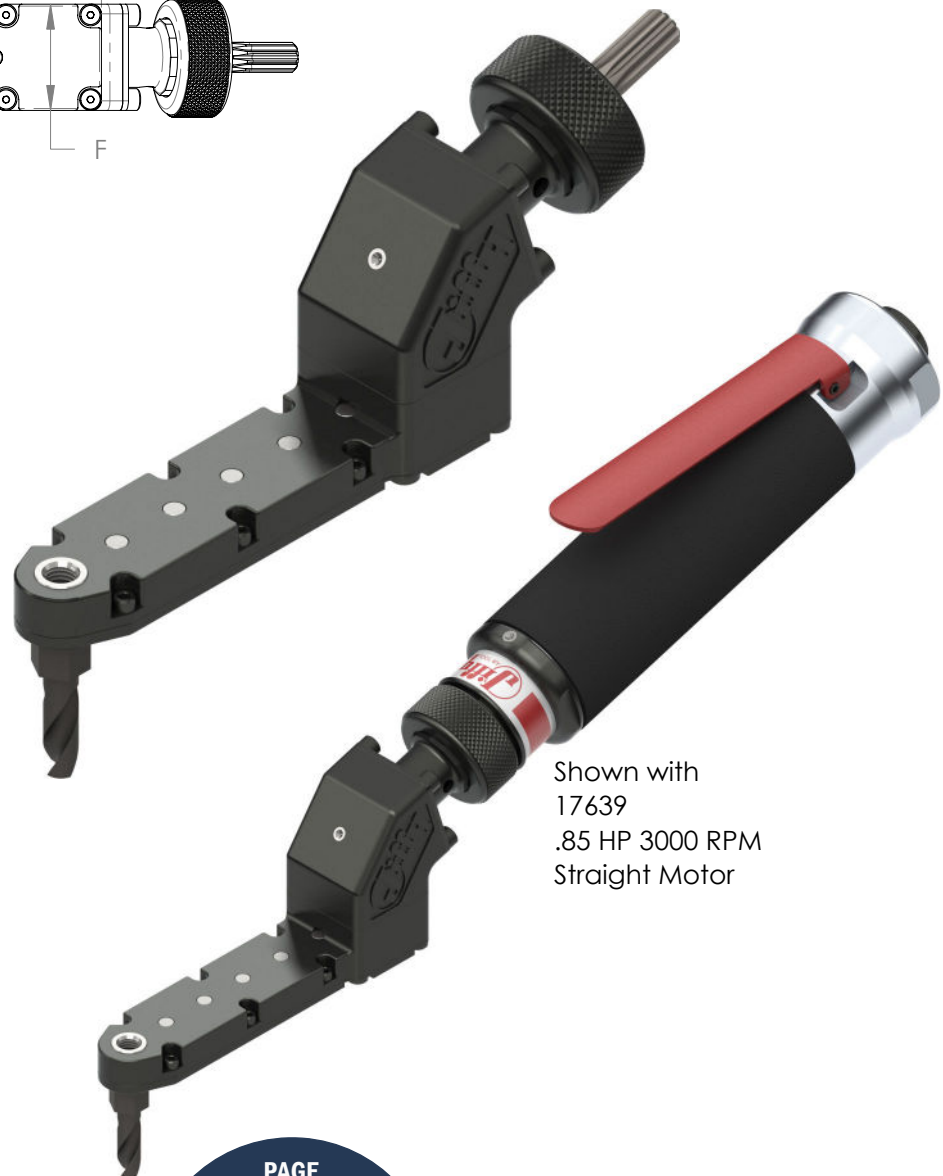
THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D



Shown with
17639
.85 HP 3000 RPM
Straight Motor

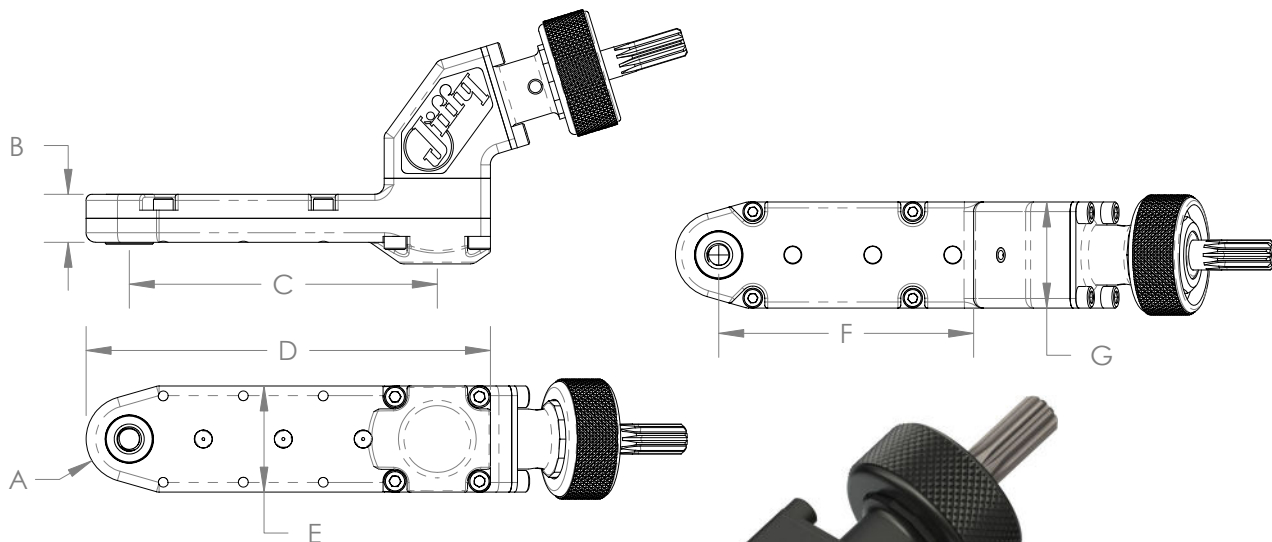
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	C	D	E	F	G	SERIES 4 17 DEGREE DRILL	
INCH	R.450	.500	3.208	4.211	1.106	2.655	1.106	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	R11.43	12.7	81.48	106.96	28.09	67.44	28.09		9.52 mm



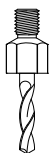
17932

SERIES 4 FIXED 17 DEGREE DRILL ATTACHMENT PART OF THE JIFFY MODULAR DRILL SYSTEM

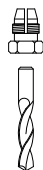


You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y



Shown with
17639
.85 HP 3000 RPM
Straight Motor

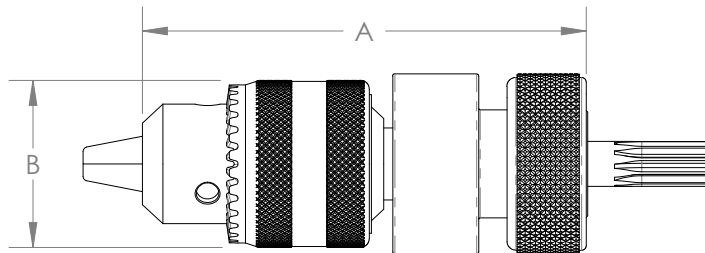
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	1/64-5/16 CHUCK	
INCH	3.082	1.160	MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in
MM	78.28	29.46		7.92 mm



15053

1/64-5/16 CHUCK ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



CHUCK KEY AND LEASH INCLUDED



Shown with
23724
.45 HP 2400 RPM
Offset Motor

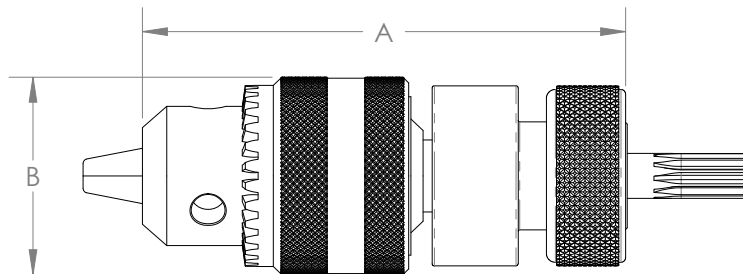
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	1/32-3/8 CHUCK	
INCH	3.355	1.370	MAXIMUM RECOMMENDED DRILL DIAMETER	.375 in
MM	85.22	34.80		9.52 mm



15037

1/32-3/8 CHUCK ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



CHUCK KEY AND LEASH INCLUDED



Shown with
27164
.7 HP 2800 RPM
Offset Motor

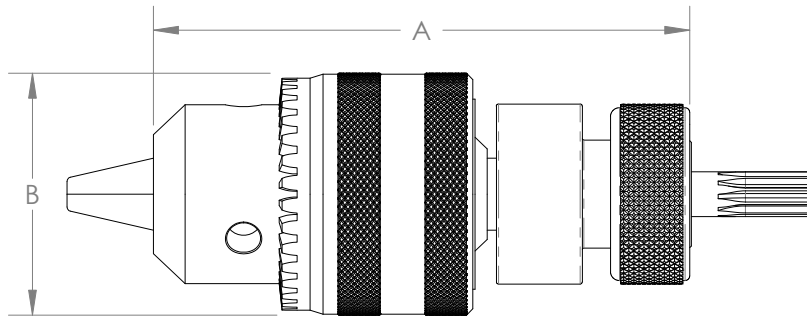
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

	A	B	1/16-1/2 CHUCK	
INCH	3.725	1.689	MAXIMUM RECOMMENDED DRILL DIAMETER	.500 in
MM	94.62	42.90		12.7 mm



16490

1/16-1/2 CHUCK ATTACHMENT
PART OF THE JIFFY MODULAR DRILL SYSTEM



CHUCK KEY AND LEASH INCLUDED



Shown with
17548
1.5 HP 3000 RPM
Offset Motor

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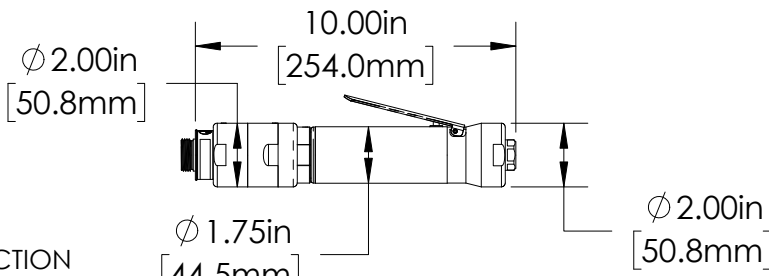
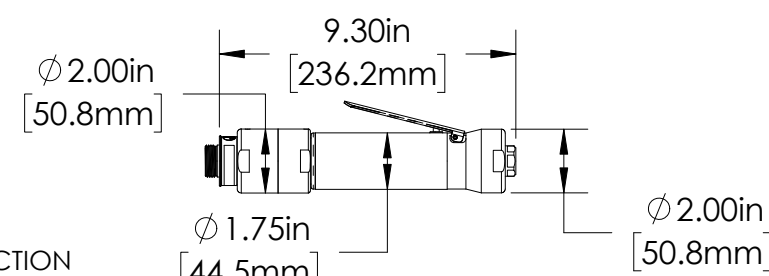
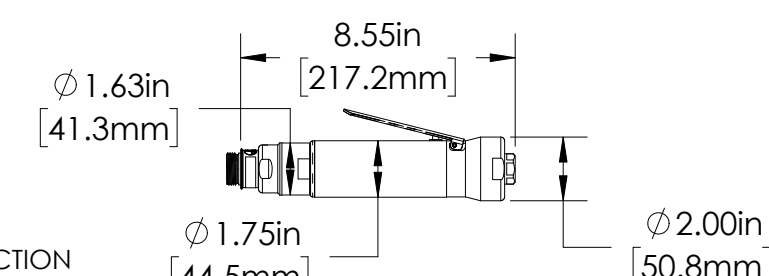
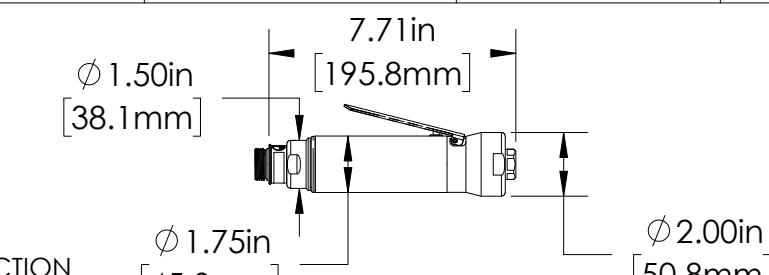
JIFFY MODULAR DRILLS (JMD) **1.5 H.P. OFFSET MOTORS**

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	10-T SPLINE	20421	23047	3.59 LB / 1.62 KG
7.28in [184.9mm] Ø 2.00in [50.8mm] 6.14in [155.9mm] 20466 TORQUE REACTION HANDLE INCLUDED UPDATED DESIGN: PATENTED THROUGH HANDLE EXHAUST				
500	10-T SPLINE	20992	23048	3.23 LB / 1.46 KG
6.53in [165.8mm] Ø 2.00in [50.8mm] 6.14in [155.9mm] 20466 TORQUE REACTION HANDLE INCLUDED				
2000	10-T SPLINE	17547	23049	2.58 LB / 1.17 KG
5.84in [148.4mm] Ø 1.63in [41.3mm] 6.14in [155.9mm] 17908 TORQUE REACTION HANDLE AVAILABLE				
3000	10-T SPLINE	17548	23050	2.31 LB / 1.04 KG
6000	10-T SPLINE	17549	23051	2.31 LB / 1.04 KG
4.98in [126.4mm] Ø 1.50in [38.1mm] 6.14in [155.9mm] 17908 TORQUE REACTION HANDLE AVAILABLE				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

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JIFFY MODULAR DRILLS (JMD) 1.5 H.P. STRAIGHT MOTORS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	10-T SPLINE	20419	23040	3.68 LB / 1.67 KG
20466 TORQUE REACTION HANDLE INCLUDED 				
500	10-T SPLINE	20991	23041	3.32 LB / 1.50 KG
20466 TORQUE REACTION HANDLE INCLUDED 				
2000	10-T SPLINE	17521	23042	2.63 LB / 1.20 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
3000	10-T SPLINE	17474	23043	2.2 LB / 1.0 KG
6000	10-T SPLINE	17300	23044	2.2 LB / 1.0 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS REQUIRE GREASE LUBRICATION FOR GEAR TRAIN



JIFFY MODULAR DRILLS (JMD) 0.9 H.P. REVERSIBLE OFFSET MOTORS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	10-T SPLINE	21541	23320	3.61 LB / 1.63 KG
17908 TORQUE REACTION HANDLE AVAILABLE UPDATED DESIGN: PATENTED THROUGH HANDLE EXHAUST				
500	10-T SPLINE	21516	23321	3.51 LB / 1.59 KG
20466 TORQUE REACTION HANDLE AVAILABLE				
1000	10-T SPLINE	19337	23322	2.79 LB / 1.26 KG
17908 TORQUE REACTION HANDLE AVAILABLE				
3000	10-T SPLINE	19339	23324	2.49 LB / 1.13 KG
5000	10-T SPLINE	19340	23325	2.49 LB / 1.13 KG
17908 TORQUE REACTION HANDLE AVAILABLE				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

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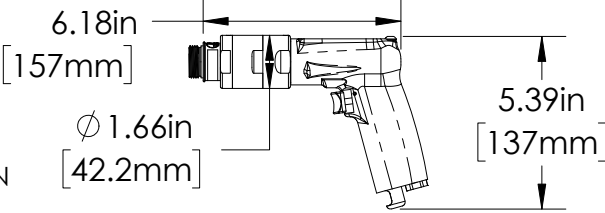
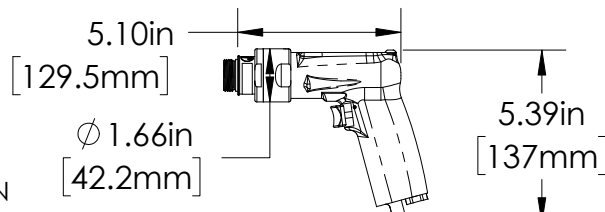
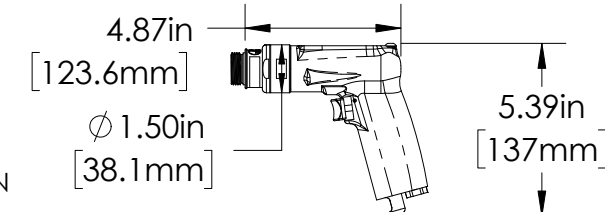
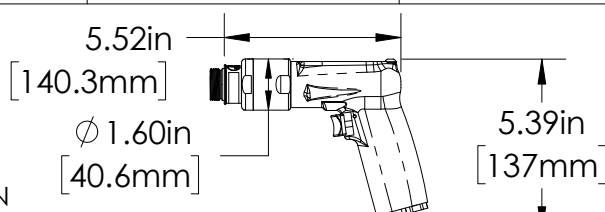
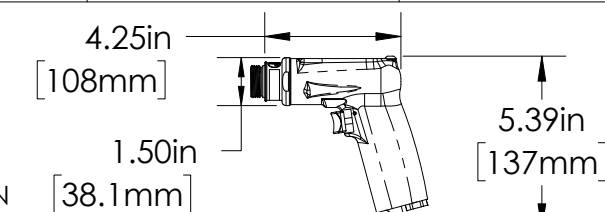
JIFFY MODULAR DRILLS (JMD) 0.9 H.P. REVERSIBLE STRAIGHT MOTORS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	10-T SPLINE	21540	23312	3.45 LB / 1.56 KG
17908 TORQUE REACTION HANDLE AVAILABLE				
500	10-T SPLINE	21515	23313	3.23 LB / 1.46 KG
20466 TORQUE REACTION HANDLE AVAILABLE				
1000	10-T SPLINE	19352	23314	2.80 LB / 1.27 KG
17908 TORQUE REACTION HANDLE AVAILABLE				
3000	10-T SPLINE	19354	23316	2.50 LB / 1.13 KG
5000	10-T SPLINE	19355	23317	2.50 LB / 1.13 KG
17908 TORQUE REACTION HANDLE AVAILABLE				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

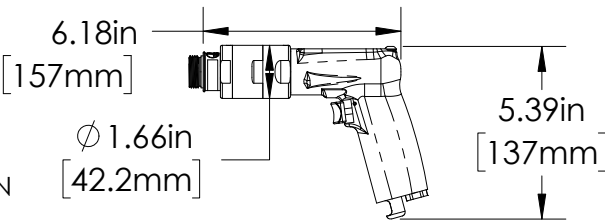
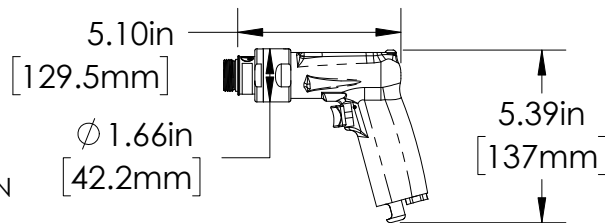
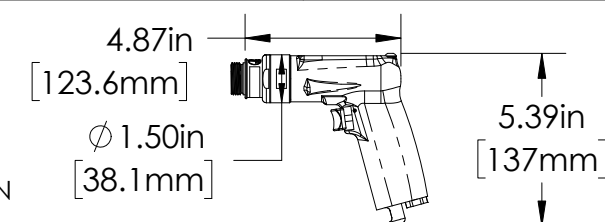
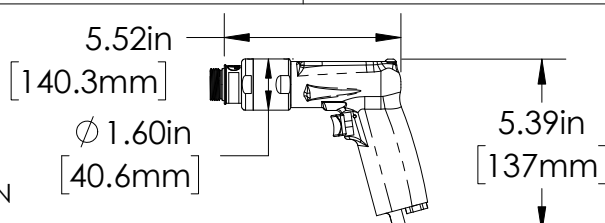
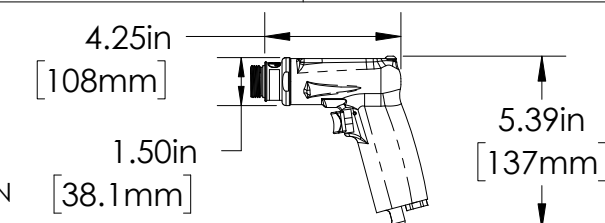
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JIFFY MODULAR DRILLS (JMD) 0.85 H.P. OFFSET MOTORS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	10-T SPLINE	18091	22977	1.94 LB / .88 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
500	10-T SPLINE	17847	22978	1.64 LB / .74 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
1000	10-T SPLINE	17743	22979	1.47 LB / .67 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
2000	10-T SPLINE	17848	22980	1.47 LB / .67 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
3000	10-T SPLINE	17750	22981	1.35 LB / .61 KG
6000	10-T SPLINE	17849	22982	1.35 LB / .61 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

JIFFY MODULAR DRILLS (JMD) 0.85 H.P. OFFSET MOTORS REVERSE-RUNNING

RPM	DRIVE	ORDER NUMBER	WEIGHT
250	10-T SPLINE	20014	1.94 LB / .88 KG
17908 TORQUE REACTION HANDLE AVAILABLE 			
500	10-T SPLINE	17858	1.64 LB / .74 KG
17908 TORQUE REACTION HANDLE AVAILABLE 			
1000	10-T SPLINE	17859	1.47 LB / .67 KG
17908 TORQUE REACTION HANDLE AVAILABLE 			
2000	10-T SPLINE	17860	1.47 LB / .67 KG
17908 TORQUE REACTION HANDLE AVAILABLE 			
3000	10-T SPLINE	17861	1.35 LB / .61 KG
6000	10-T SPLINE	17862	1.35 LB / .61 KG
17908 TORQUE REACTION HANDLE AVAILABLE 			

CONTACT SALES FOR OIL-FREE VARIANTS

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JIFFY MODULAR DRILLS (JMD) 0.85 H.P. STRAIGHT MOTORS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	10-T SPLINE	18092	22970	2.1 LB / .95 KG
17908 TORQUE REACTION HANDLE AVAILABLE 1.62in [41mm]				
500	10-T SPLINE	17657	22971	1.6 LB / .73 KG
17908 TORQUE REACTION HANDLE AVAILABLE 1.62in [41mm]				
1000	10-T SPLINE	17684	22972	1.5 LB / .68 KG
17908 TORQUE REACTION HANDLE AVAILABLE 1.62in [41mm]				
2000	10-T SPLINE	17698	22973	1.7 LB / .77 KG
17908 TORQUE REACTION HANDLE AVAILABLE 1.62in [41mm]				
3000	10-T SPLINE	17639	22974	1.3 LB / .59 KG
6000	10-T SPLINE	17662	22975	1.3 LB / .59 KG
17908 TORQUE REACTION HANDLE AVAILABLE 1.62in [41mm]				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

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JIFFY MODULAR DRILLS (JMD) **0.85 H.P. STRAIGHT MOTORS** **REVERSE-RUNNING**

RPM	DRIVE	ORDER NUMBER	WEIGHT
250	10-T SPLINE	18115	2.1 LB / .95 KG
17908 TORQUE REACTION HANDLE AVAILABLE			
500	10-T SPLINE	17853	1.6 LB / .73 KG
17908 TORQUE REACTION HANDLE AVAILABLE			
1000	10-T SPLINE	17854	1.5 LB / .68 KG
17908 TORQUE REACTION HANDLE AVAILABLE			
2000	10-T SPLINE	17855	1.7 LB / .77 KG
17908 TORQUE REACTION HANDLE AVAILABLE			
3000	10-T SPLINE	17856	1.3 LB / .59 KG
6000	10-T SPLINE	17857	1.3 LB / .59 KG
17908 TORQUE REACTION HANDLE AVAILABLE			

CONTACT SALES FOR OIL-FREE VARIANTS

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JIFFY MODULAR DRILLS (JMD) 0.7 H.P. REVERSIBLE OFFSET MOTORS

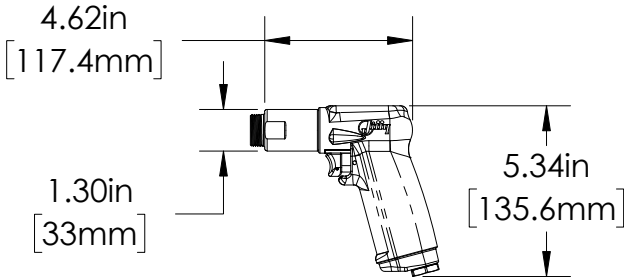
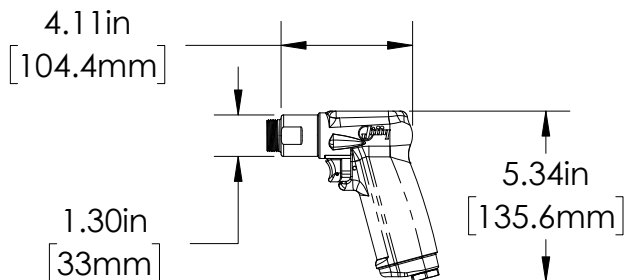
RPM	DRIVE	ORDER NUMBER	WEIGHT
300	10-T SPLINE	27161	2.25 LB / 1.02 KG
750	10-T SPLINE	27162	2.26 LB / 1.02 KG
1500	10-T SPLINE	27163	2.09 LB / .95 KG
2800	10-T SPLINE	27164	2.10 LB / .95 KG

Features:

- Lubrication free
- Patented through-handle exhaust
- Fully ported throttle valve
- Complete housing over-mold

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

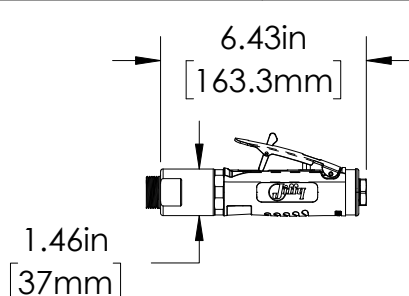
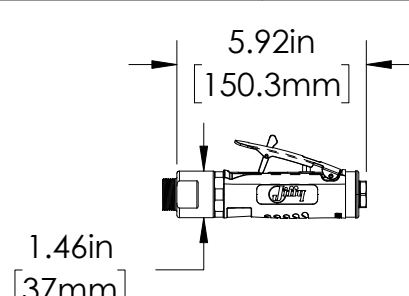
JIFFY MODULAR DRILLS (JMD) 0.45 H.P. OFFSET MOTORS

RPM	DRIVE	ORDER NUMBER	WEIGHT
500	10-T SPLINE	23722	1.38 LB / .63 KG
1000	10-T SPLINE	23723	1.38 LB / .63 KG
			
2400	10-T SPLINE	23724	1.27 LB / .58 KG
3300	10-T SPLINE	23725	1.27 LB / .58 KG
4500	10-T SPLINE	23726	1.27 LB / .58 KG
6000	10-T SPLINE	23727	1.27 LB / .58 KG
			

Features:

- Lubrication free
- Titanium gear cases
- Patented through-handle exhaust
- Fully ported throttle valve
- Complete housing over-mold

JIFFY MODULAR DRILLS (JMD) 0.45 H.P. STRAIGHT MOTORS

RPM	DRIVE	OIL-FREE	WEIGHT
500	10-T SPLINE	24314	1.4 LB / .64 KG
1000	10-T SPLINE	24315	1.4 LB / .64 KG
			
2400	10-T SPLINE	24316	1.25 LB / .57 KG
3300	10-T SPLINE	24317	1.25 LB / .57 KG
4500	10-T SPLINE	24318	1.25 LB / .57 KG
6000	10-T SPLINE	24319	1.25 LB / .57 KG
			

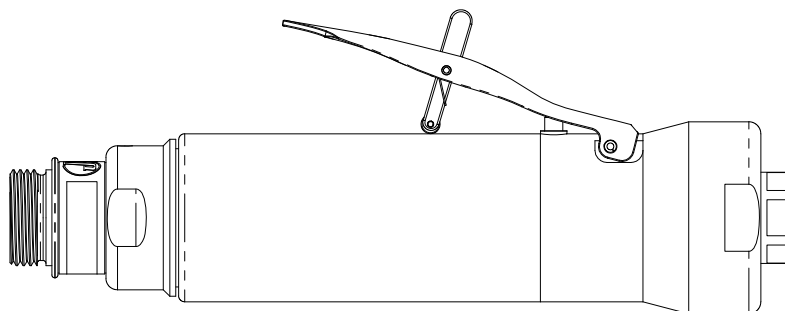
Features:

- Lubrication free
- Titanium gear cases
- Patented through-handle exhaust
- Fully ported throttle valve
- Complete housing over-mold

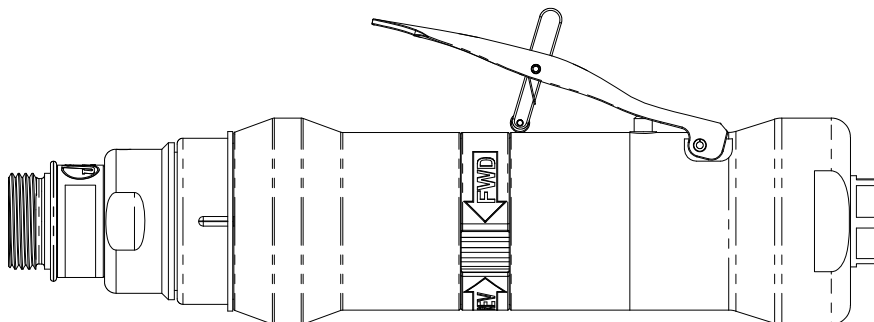
SAFETY LEVER OPTION FOR STRAIGHT MOTORS

Add -1 to the drill motor number to add the safety lever option

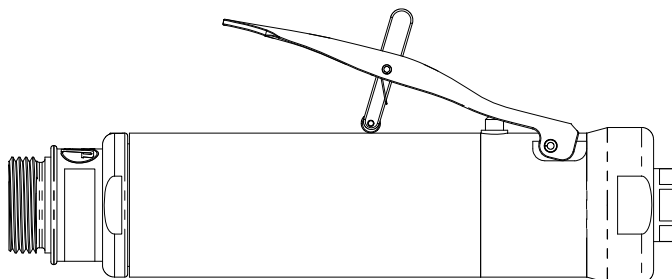
1.5 HP MOTORS



.9 HP MOTORS



.85 HP MOTORS



NOTE: .45 HP MOTORS HAVE SAFETY LEVER BY DEFAULT.

EXAMPLE: A 3000 RPM .85 HP MOTOR NUMBER 17639 WOULD BECOME 17639-1

STRAIGHT MOTORS MUST BE EQUIPPED WITH A SAFETY LEVER TO CONFORM TO CE STANDARDS.

SERIES 1 LTD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in 4.76 mm

LTD SERIES 1

ALL BEARING L TYPE DRILLS

PART OF THE JIFFY MODULAR DRILL SYSTEM



Vinyl
Covers
Available



Shown with
23724
.45 HP 2400 RPM
Offset Motor

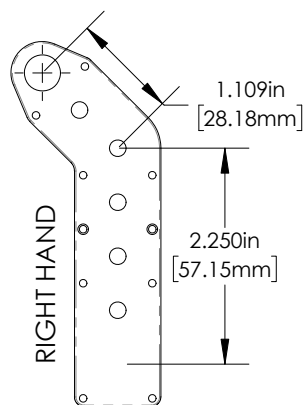
.250in
[6.35mm]

LONG TUBE

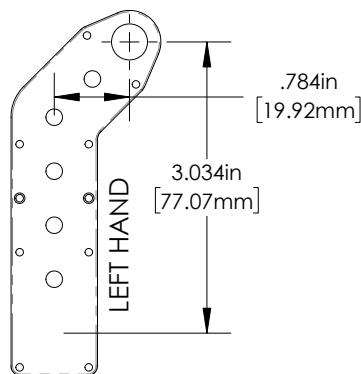
6.218in
[157.94mm]

SHORT TUBE

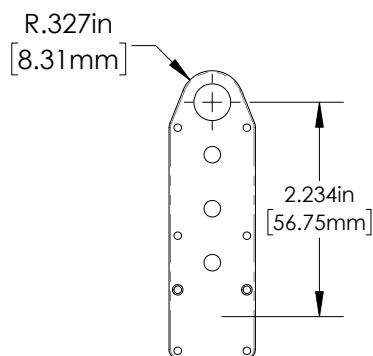
1.888in
[47.94mm]



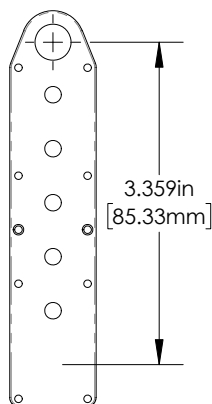
13809 LONG
13810 SHORT



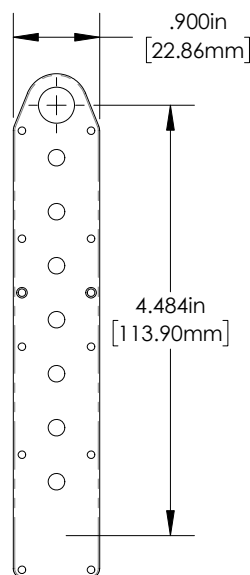
13811 LONG
13812 SHORT



13805 LONG
13806 SHORT



13807 LONG
13808 SHORT



13813 LONG
13814 SHORT

You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

SERIES 2 LTD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in
	6.35 mm

LTD SERIES 2

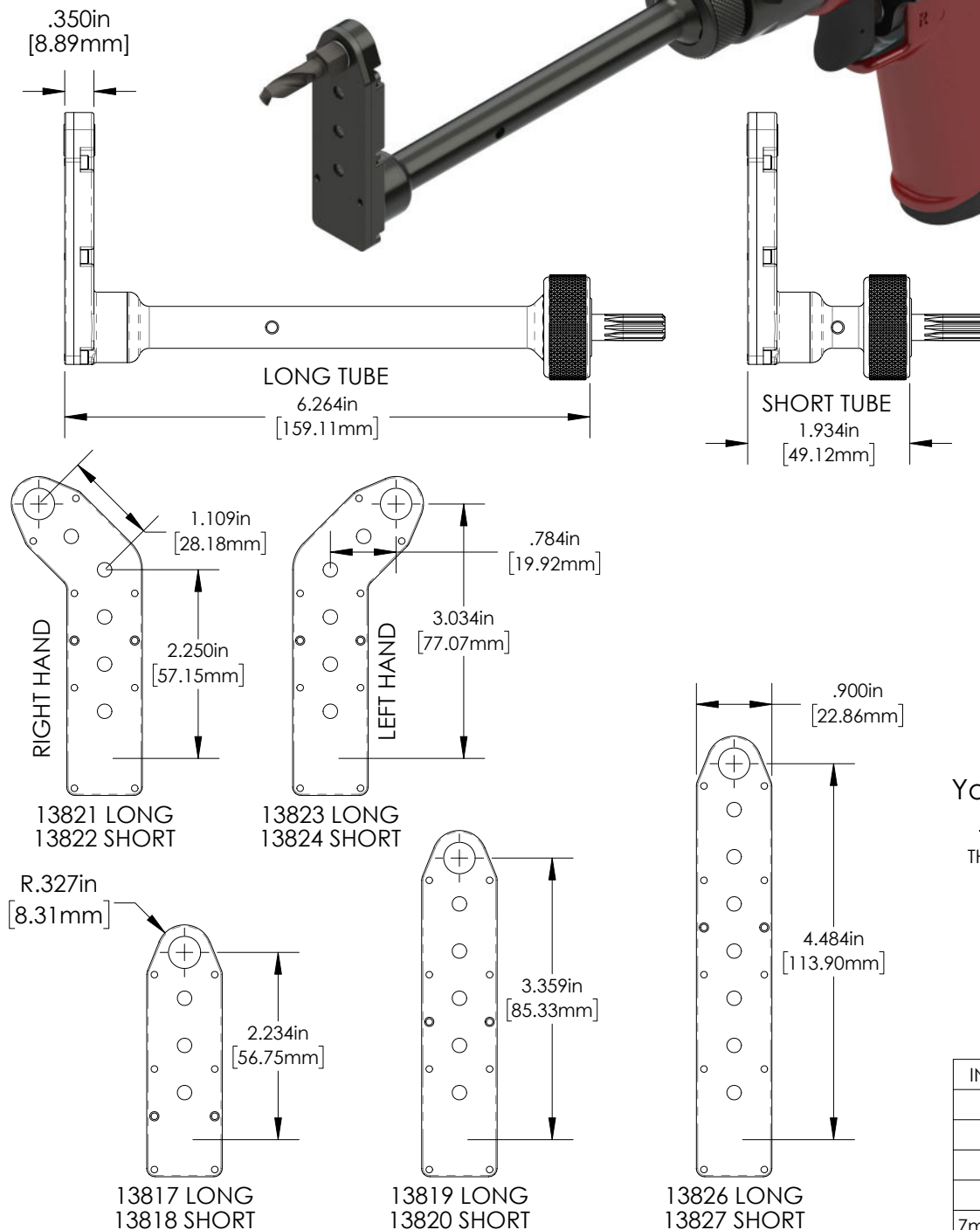
ALL BEARING L TYPE DRILLS

PART OF THE JIFFY MODULAR DRILL SYSTEM



Vinyl
Covers
Available

Shown with
27164
.7 HP 2800 RPM
Offset Motor



You must select an
internal thread

THREADED
DRILL



COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

SERIES 3 LTD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in 7.92 mm

LTD SERIES 3

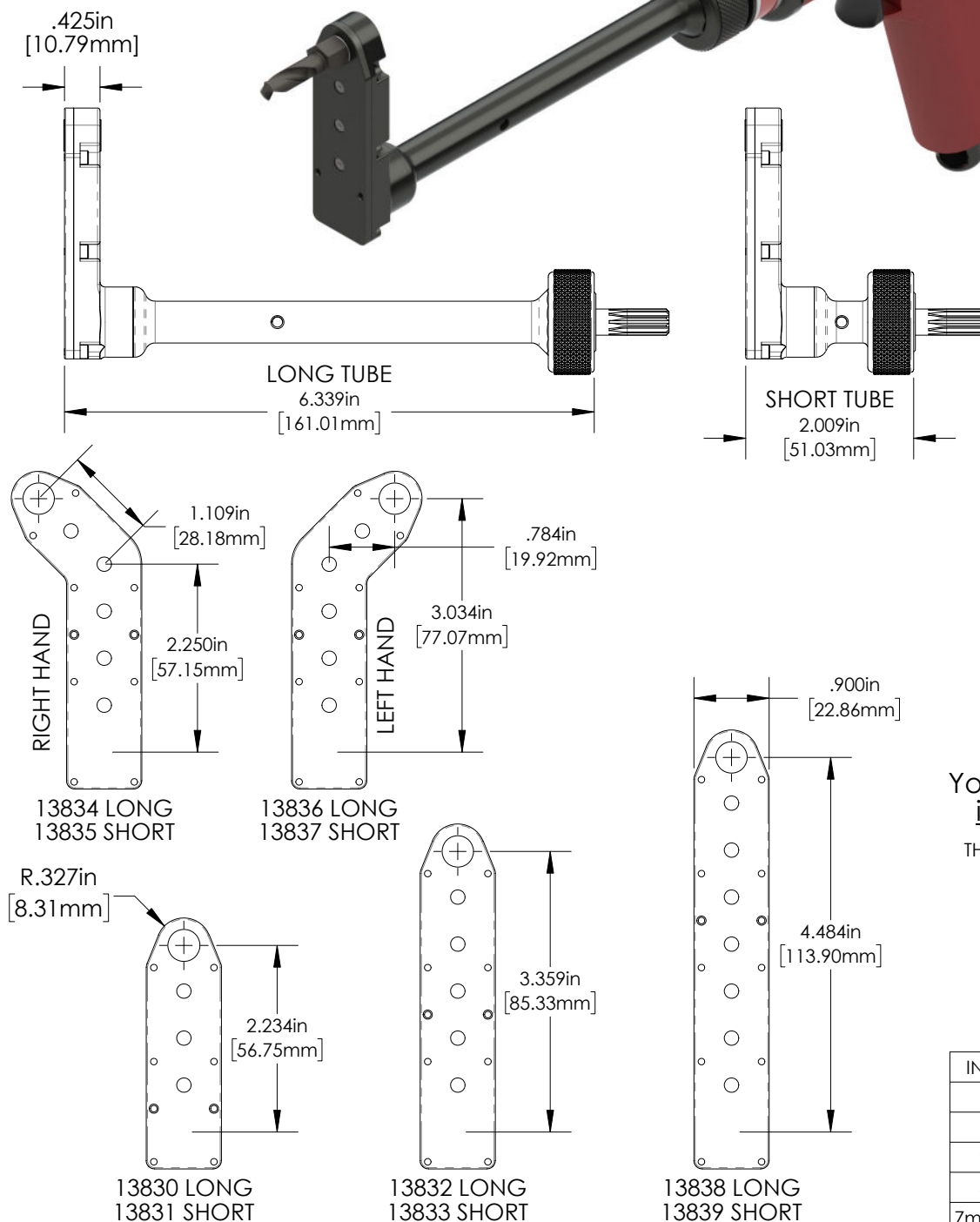
ALL BEARING L TYPE DRILLS

PART OF THE JIFFY MODULAR DRILL SYSTEM



Vinyl
Covers
Available

Shown with
17750
.85 HP 3000 RPM
Offset Motor



You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

THIN LINE LTD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in
	4.76 mm

LTD THIN LINE

LIMITED ACCESS L TYPE DRILLS

10-32 THREAD ONLY

PART OF THE JIFFY MODULAR DRILL SYSTEM

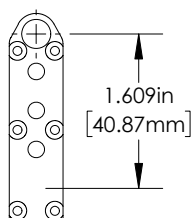
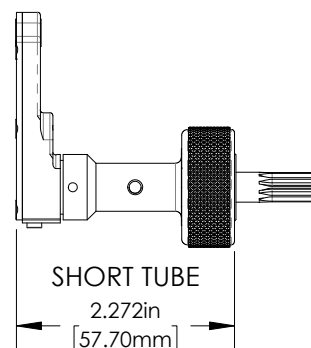
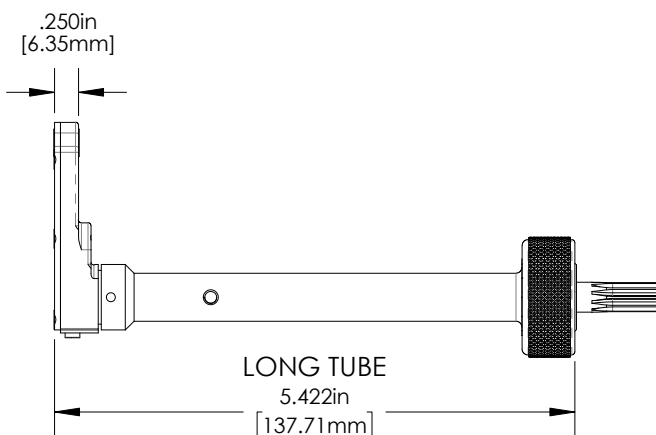


Shown with
23724
.45 HP 2400 RPM
Offset Motor

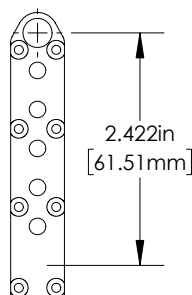
The "THIN LINE" L type drills are available for special applications where our standard L type drills will not fit. While we have made them as durable as possible in the space that is available, they should only be considered for areas that can't be reached with our standard attachments.

Do not operate at over 3000 RPM.

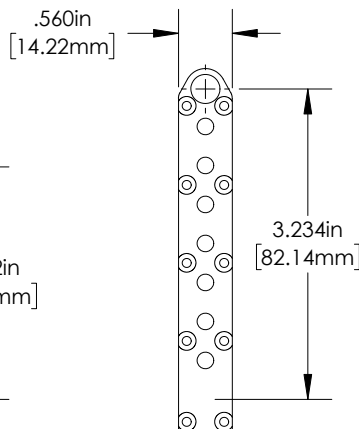
Special application attachments with limited durability.



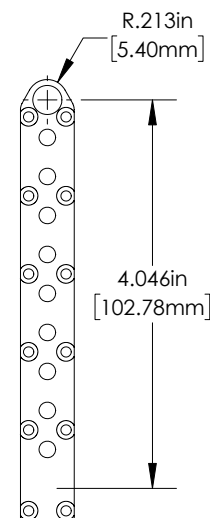
16974 LONG
16975 SHORT



16972 LONG
16973 SHORT



16970 LONG
16971 SHORT



16918 LONG
16969 SHORT

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

SERIES 1 FAD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.1875 in 4.76 mm

FAD SERIES 1

ALL BEARING FLAT ANGLE DRILLS

FOR .250in+ CHUCKS
OR BALL LOCK ADAPTERS

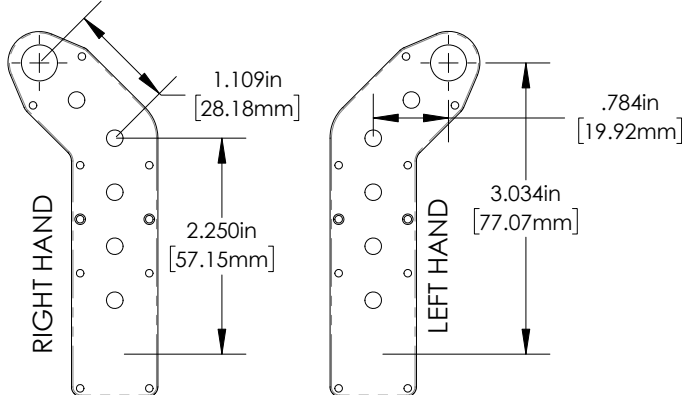
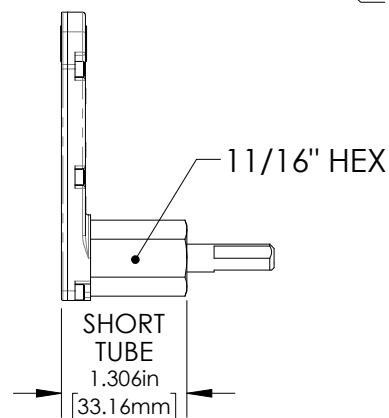
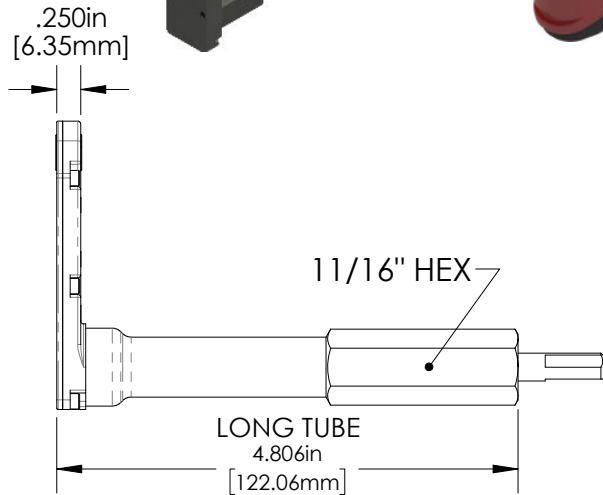


Vinyl
Covers
Available



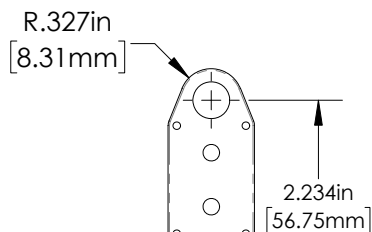
Add a "B" to the
attachment number
for the BALL LOCK
configuration

Ex.) 14836BA
BALL LOCK CONFIG
WITH 1/4-28 NOSE GEAR

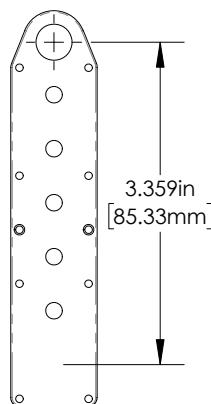


14839 LONG
14840 SHORT

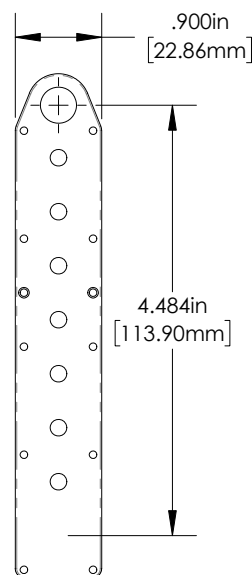
14841 LONG
14842 SHORT



14835 LONG
14836 SHORT



14837 LONG
14838 SHORT

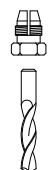


14843 LONG
14844 SHORT

You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

SERIES 2 FAD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.250 in 6.35 mm

FAD SERIES 2

ALL BEARING FLAT ANGLE DRILLS

FOR .250in+ CHUCKS
OR BALL LOCK ADAPTERS



Vinyl
Covers
Available



Add a "B" to the
attachment number
for the BALL LOCK
configuration

Ex.) 14848BA
BALL LOCK CONFIG
WITH 1/4-28 NOSE GEAR

.350in
[8.89mm]

11/16" HEX

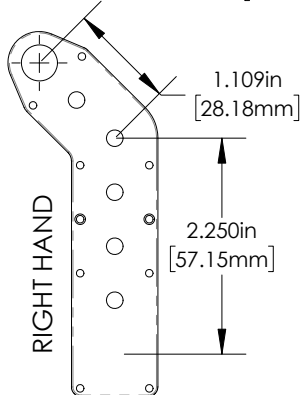
LONG TUBE

4.853in
[123.27mm]

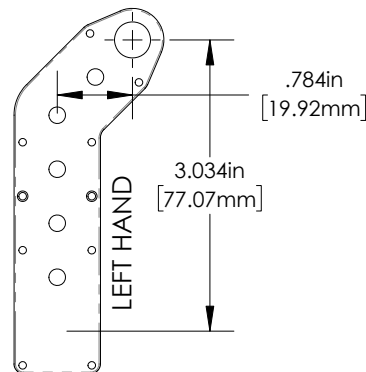
11/16" HEX

SHORT TUBE

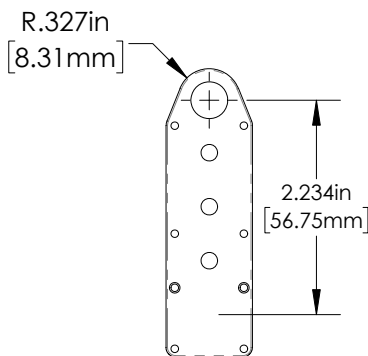
1.352in
[34.34mm]



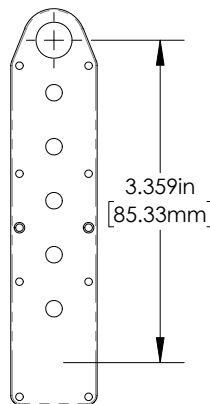
14851 LONG
14852 SHORT



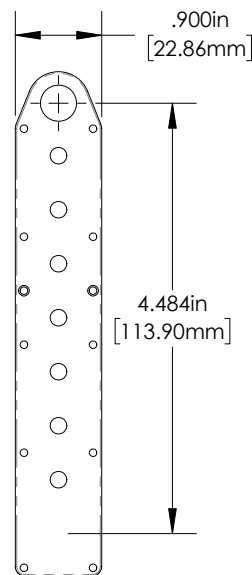
14853 LONG
14854 SHORT



14847 LONG
14848 SHORT



14849 LONG
14850 SHORT

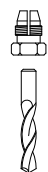


14855 LONG
14856 SHORT

You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

SERIES 3 FAD	
MAXIMUM RECOMMENDED DRILL DIAMETER	.312 in 7.92 mm

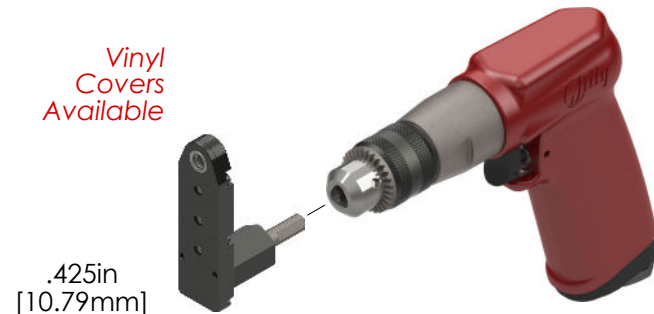
FAD SERIES 3

ALL BEARING FLAT ANGLE DRILLS

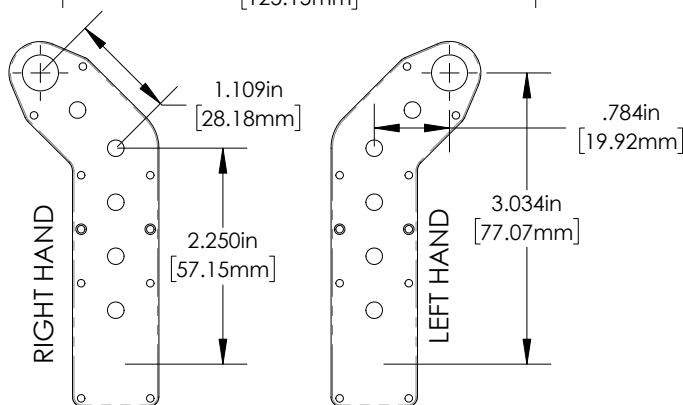
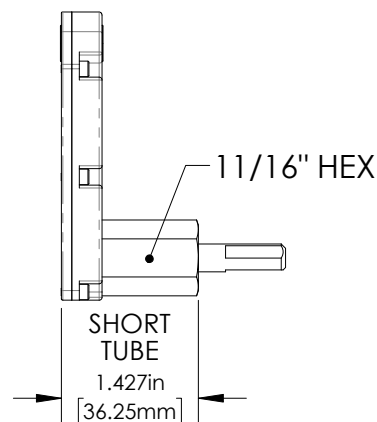
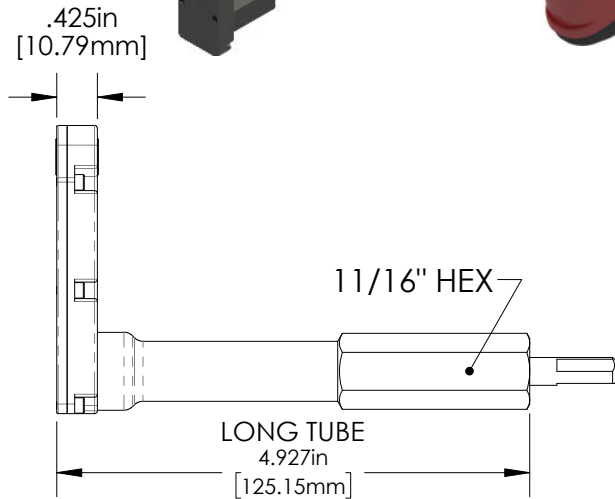
FOR .250in+ CHUCKS
OR BALL LOCK ADAPTERS



Vinyl
Covers
Available

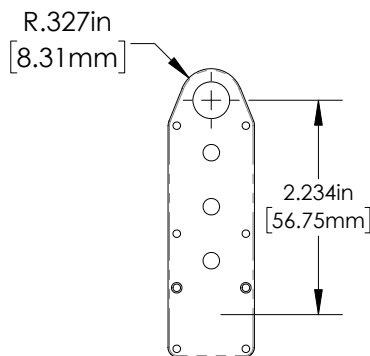


Ex.) 14860BA
BALL LOCK CONFIG
WITH 1/4-28 NOSE GEAR

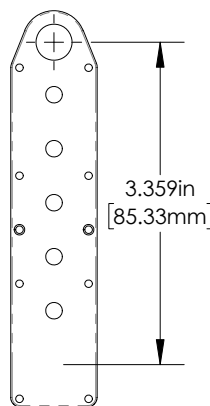


14863 LONG
14864 SHORT

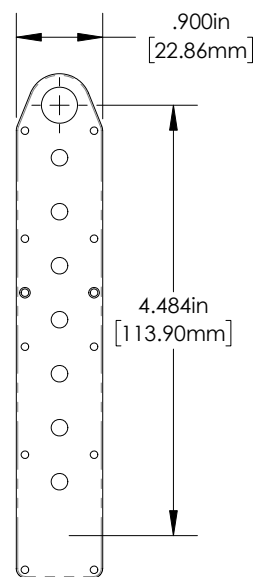
14865 LONG
14866 SHORT



14859 LONG
14860 SHORT



14861 LONG
14862 SHORT

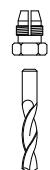


14867 LONG
14868 SHORT

You must select an
internal thread

THREADED
DRILL

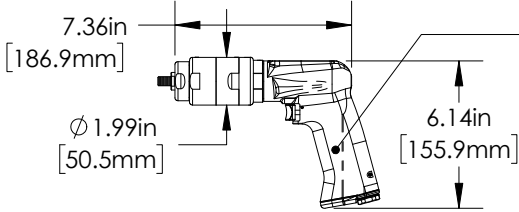
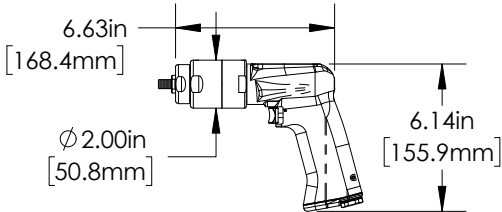
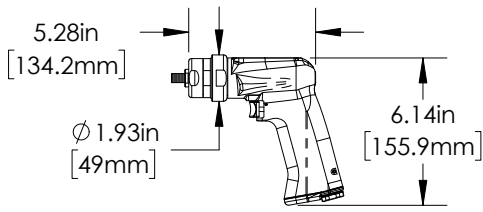
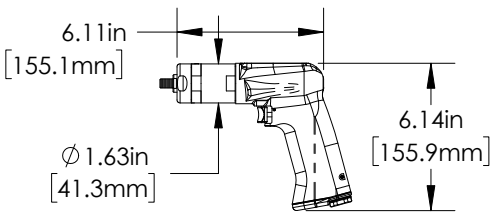
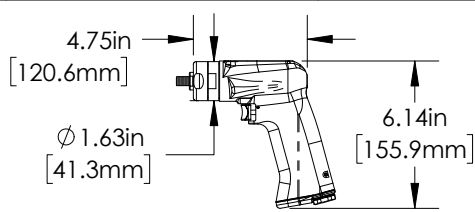
COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

1.5 H.P. OFFSET MOTORS FOR CHUCKS

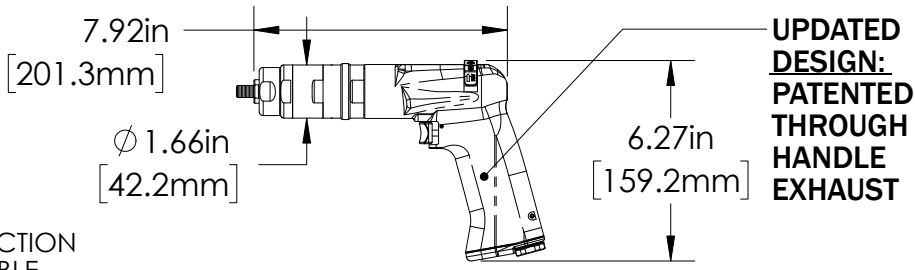
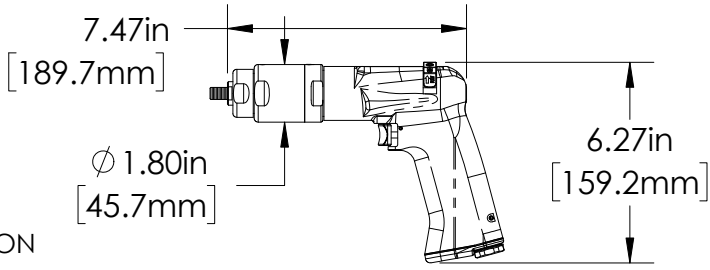
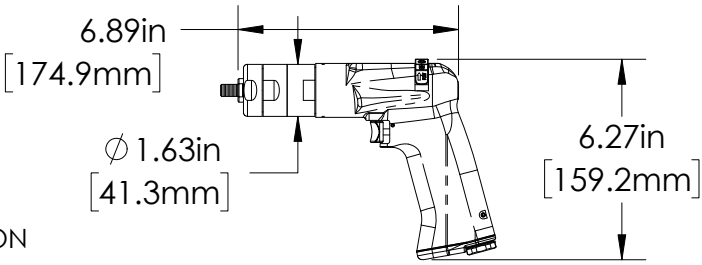
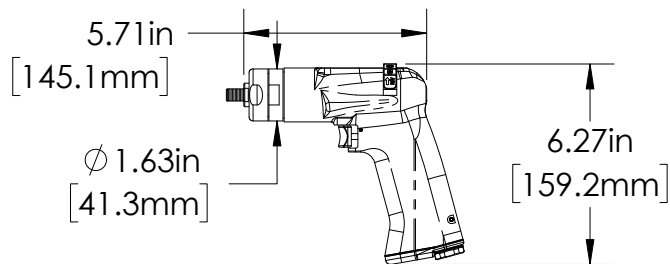
RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	3/8-24 EXT.	20423	23061	3.79 LB / 1.71 KG
20466 TORQUE REACTION HANDLE INCLUDED  UPDATED DESIGN: PATENTED THROUGH HANDLE EXHAUST				
500	3/8-24 EXT.	20993	23062	3.26 LB / 1.47 KG
20466 TORQUE REACTION HANDLE INCLUDED 				
2000	3/8-24 EXT.	19360	23063	2.96 LB / 1.34 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
10000	3/8-24 EXT.	20380	23066	3.06 LB / 1.38 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				
3000	3/8-24 EXT.	17551	23064	2.37 LB / 1.07 KG
6000	3/8-24 EXT.	17463	23065	2.37 LB / 1.07 KG
20000	3/8-24 EXT.	17550	23067	2.37 LB / 1.07 KG
17908 TORQUE REACTION HANDLE AVAILABLE 				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS
REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

AVAILABLE CHUCKS ON PAGE 60

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

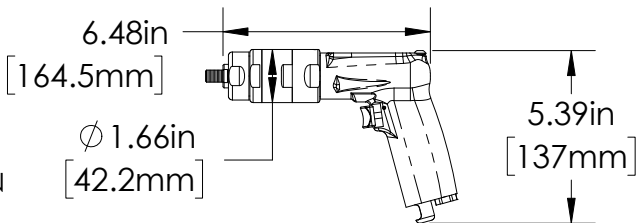
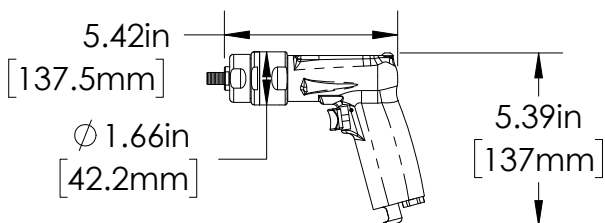
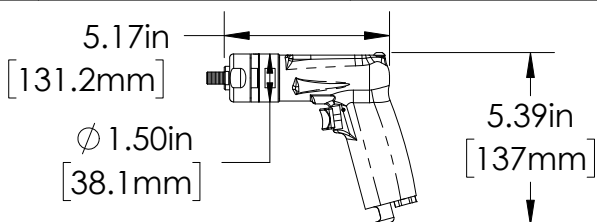
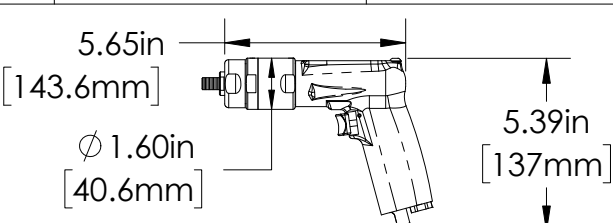
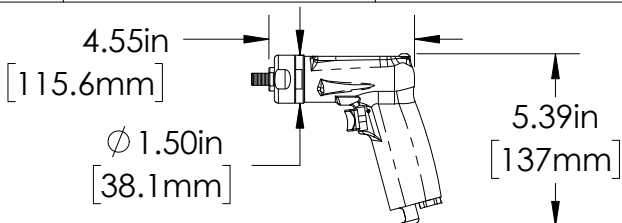
0.9 H.P. REVERSIBLE OFFSET MOTORS FOR CHUCKS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	3/8-24 EXT.	21543	23336	3.39 LB / 1.53 KG
 7.92in [201.3mm] 1.66in [42.2mm] 6.27in [159.2mm] 17908 TORQUE REACTION HANDLE AVAILABLE UPDATED DESIGN: PATENTED THROUGH HANDLE EXHAUST				
500	3/8-24 EXT.	19953	23337	3.09 LB / 1.40 KG
 7.47in [189.7mm] 1.80in [45.7mm] 6.27in [159.2mm] 20466 TORQUE REACTION HANDLE AVAILABLE				
1000	3/8-24 EXT.	19954	23338	2.89 LB / 1.31 KG
 6.89in [174.9mm] 1.63in [41.3mm] 6.27in [159.2mm] 17908 TORQUE REACTION HANDLE AVAILABLE				
3000	3/8-24 EXT.	19956	23340	2.59 LB / 1.17 KG
5000	3/8-24 EXT.	19957	23341	2.59 LB / 1.17 KG
 5.71in [145.1mm] 1.63in [41.3mm] 6.27in [159.2mm] 17908 TORQUE REACTION HANDLE AVAILABLE				

NOTE: BOTH STANDARD AND OIL-FREE VARIANTS
REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

AVAILABLE CHUCKS ON PAGE 60

0.85 H.P. OFFSET MOTORS FOR CHUCKS

RPM	DRIVE	STANDARD (OILED AIR SUPPLY)	OIL-FREE	WEIGHT
250	3/8-24 EXT.	18435	22992	1.94 LB / .88 KG
 17908 TORQUE REACTION HANDLE AVAILABLE				
500	3/8-24 EXT.	17839	22994	1.75 LB / .79 KG
 17908 TORQUE REACTION HANDLE AVAILABLE 17874 ALSO AVAILABLE: 500 RPM MOTOR WITH M36X1.5 LH THREADED CAP FOR SPECIALTY APPLICATIONS				
1000	3/8-24 EXT.	17850	22995	1.60 LB / .73 KG
 17908 TORQUE REACTION HANDLE AVAILABLE				
2000	3/8-24 EXT.	17851	22996	1.60 LB / .73 KG
 17908 TORQUE REACTION HANDLE AVAILABLE				
3000	3/8-24 EXT.	17832	22997	1.50 LB / .68 KG
6000	3/8-24 EXT.	17852	22998	1.50 LB / .68 KG
 17908 TORQUE REACTION HANDLE AVAILABLE				

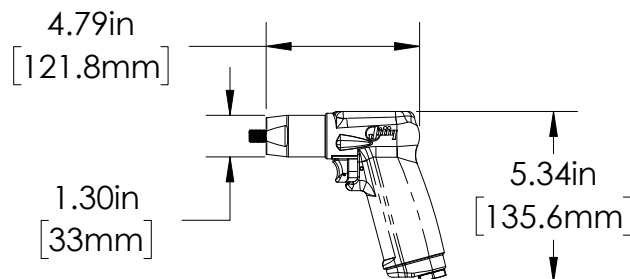
NOTE: BOTH STANDARD AND OIL-FREE VARIANTS
REQUIRE GREASE LUBRICATION FOR GEAR TRAIN

AVAILABLE CHUCKS ON PAGE 60

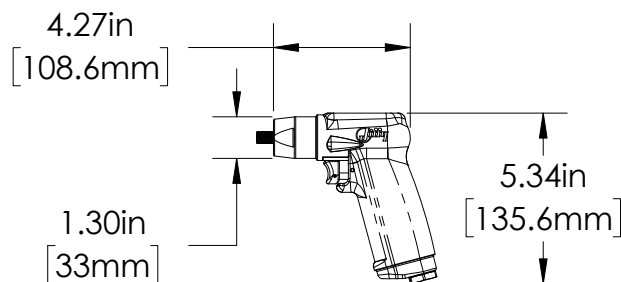
PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM

0.45 H.P. OFFSET MOTORS FOR CHUCKS

RPM	DRIVE	ORDER NUMBER	WEIGHT
500	3/8-24 EXT.	23210	1.50 LB / .68 KG
1000	3/8-24 EXT.	23211	1.50 LB / .68 KG



2400	3/8-24 EXT.	23212	1.40 LB / .63 KG
3300	3/8-24 EXT.	23213	1.40 LB / .63 KG
4500	3/8-24 EXT.	23214	1.40 LB / .63 KG
6000	3/8-24 EXT.	23215	1.40 LB / .63 KG



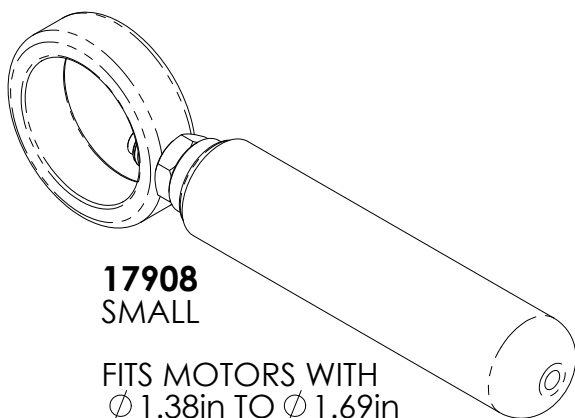
Features:

- Lubrication free
- Titanium gear cases
- Patented through-handle exhaust
- Fully ported throttle valve
- Complete housing over-mold

AVAILABLE CHUCKS (OPTIONAL)		
CAPACITY	MOUNT	ORDER #
5/16in [8mm]	3/8-24 INT.	17879
3/8in [10mm]	3/8-24 INT.	17876
1/2in [13mm]	3/8-24 INT.	17890

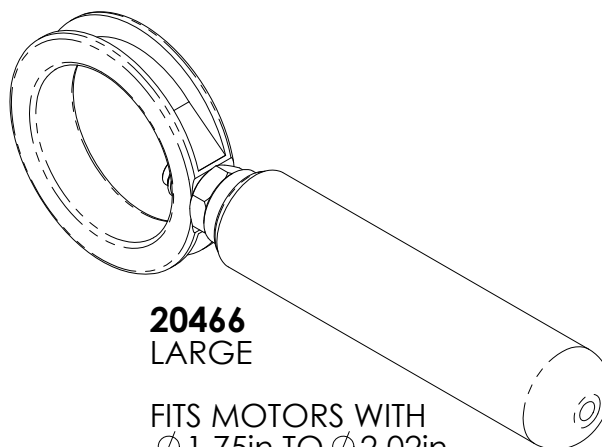
ACCESSORIES

TORQUE REACTION HANDLES:



17908
SMALL

FITS MOTORS WITH
Ø 1.38in TO Ø 1.69in
GEARCASES



20466
LARGE

FITS MOTORS WITH
Ø 1.75in TO Ø 2.02in
GEARCASES

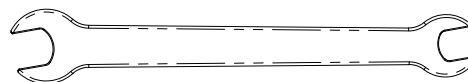
16422

DRILL PIN STOP
FOR HOLDING SHAFT OF ATTACHMENT
WHEN TIGHTENING OR LOOSENING
DRILL BITS OR COLLETS



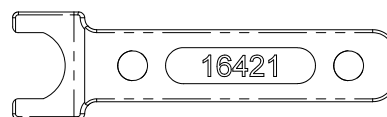
15121

5/16 & 3/8 WRENCH
FOR TIGHTENING DRILL BITS OR
COLLETS



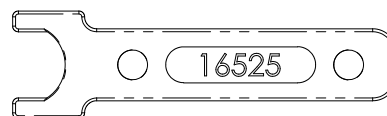
16421

11/16 WRENCH, THIN
FOR 360° ATTACHMENT ADJUSTMENT



16525

11/16 WRENCH, THICK
FOR 360° ATTACHMENT ADJUSTMENT



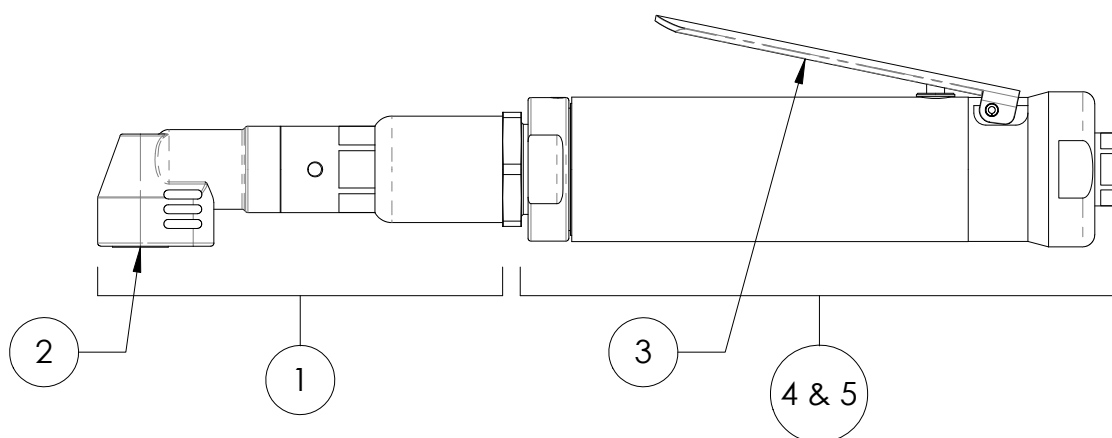


THREADED MOTOR & DRILL ATTACHMENTS

FOR 1-20 LEFT-HAND THREADED MOTORS WITH 9 TOOTH SPLINE DRIVE

ADAPTS TO:

DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS



ORDER CODE: **18108AX853000**

DRILL ATTACHMENT NUMBER

THREAD CODE (VARIES BY ATTACHMENT)

INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y

LEVER TYPE:
X = STANDARD
S = SAFETY

MOTOR:
85 = .85 HP
15 = 1.5HP

MOTOR RPM:
0500
1000
2000
3000
6000

90 DEGREE DRILLS.....	63
45 DEGREE DRILLS.....	64
360 DEGREE DRILLS.....	65
SERIES 1 PANCAKE DRILLS.....	66
SERIES 2 PANCAKE DRILLS.....	67
.85 HP MOTORS.....	68
1.5 HP MOTORS.....	69

PHONE: 775 883 1072 FAX: 775 883 4857 WEB: WWW.JIFFYAIRTOOL.COM



THREADED 90 DEGREE ATTACHMENTS

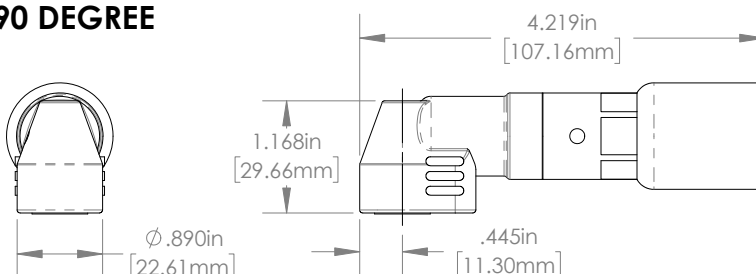
FOR 1-20 LEFT-HAND THREADED MOTORS WITH 9 TOOTH SPLINE DRIVE

You must select an
internal thread

18108 SUPER DUTY 90 DEGREE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.375in [9.52mm]

FULL BEARING
ATTACHMENT
UP TO 6000 RPM

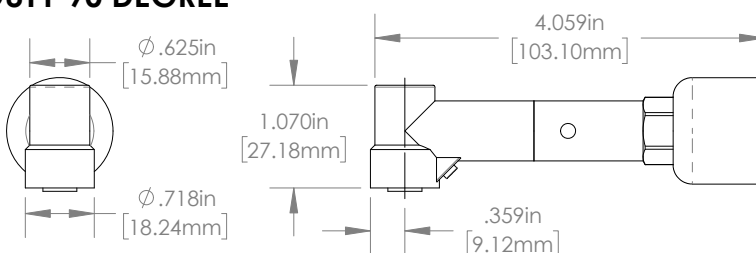


INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y

14177 STANDARD DUTY 90 DEGREE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

FULL BEARING
ATTACHMENT
UP TO 6000 RPM



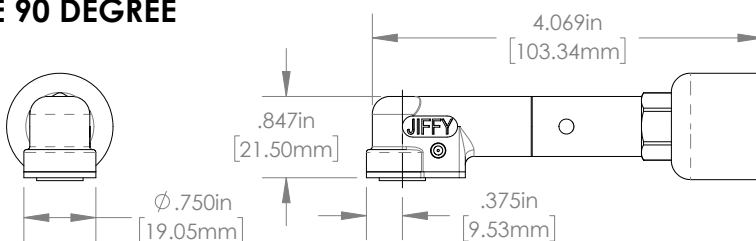
You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D

20917 LOW PROFILE 90 DEGREE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

FULL BEARING
ATTACHMENT
UP TO 6000 RPM



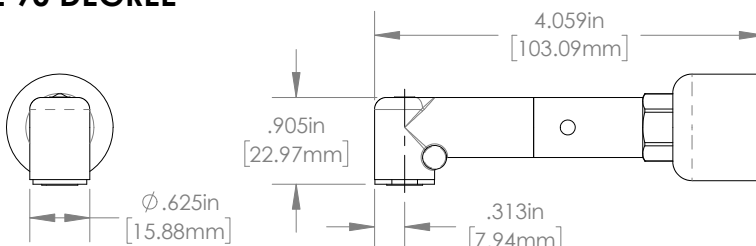
You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D

17900 LOW PROFILE 90 DEGREE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

BUSHING TYPE
ATTACHMENT
3000 RPM MAX.



You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

REPLACEMENT
ATTACHMENTS ADAPT TO:
DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS

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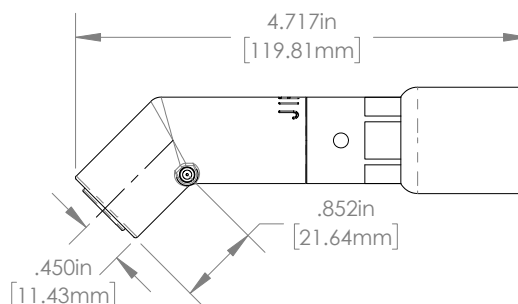
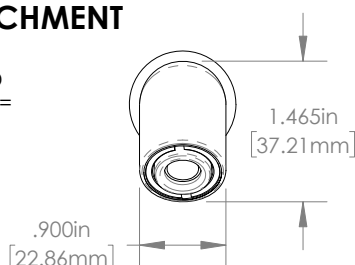
THREADED 45 & 360 DEGREE ATTACHMENTS

FOR 1-20 LEFT-HAND THREADED MOTORS WITH 9 TOOTH SPLINE DRIVE

17688 45 DEGREE SUPER DUTY DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.375in [9.52mm]

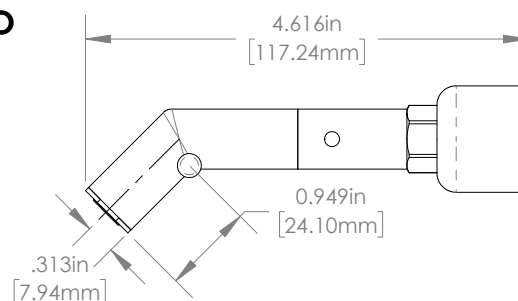
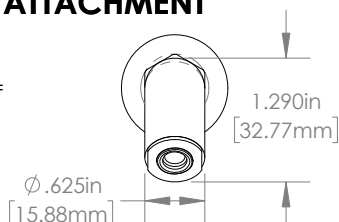
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



17901 45 DEGREE CLOSE CENTER TO EDGE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

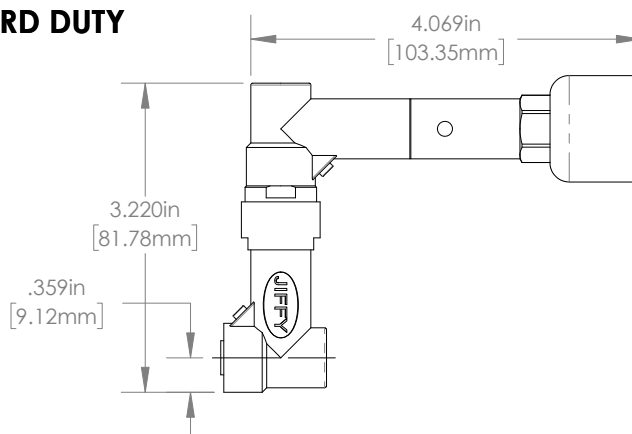
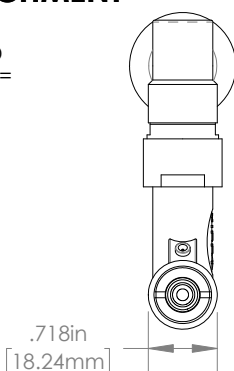
BUSHING TYPE
ATTACHMENT
3000 RPM MAX.



17725 360 DEGREE STANDARD DUTY DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

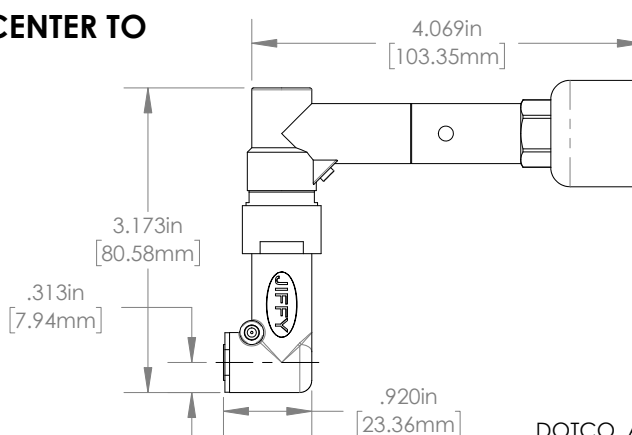
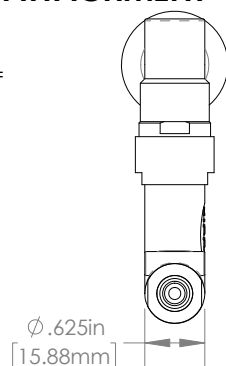
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



20918 360 DEGREE CLOSE CENTER TO EDGE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

BUSHING TYPE
ATTACHMENT
3000 RPM MAX.



You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y

You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
7mm COLLET	D

You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

REPLACEMENT
ATTACHMENTS ADAPT TO:
DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS

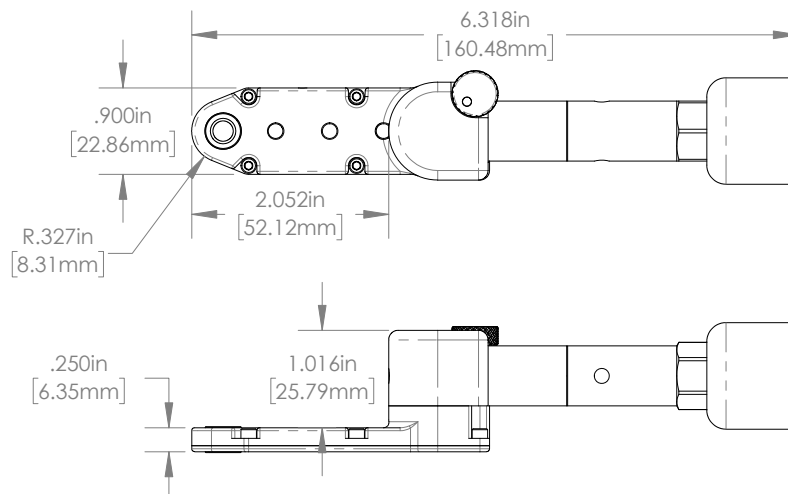
THREADED SERIES 1 PANCAKE ATTACHMENTS

FOR 1-20 LEFT-HAND THREADED MOTORS WITH 9 TOOTH SPLINE DRIVE

20910 SERIES 1 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.1875in [4.76mm]

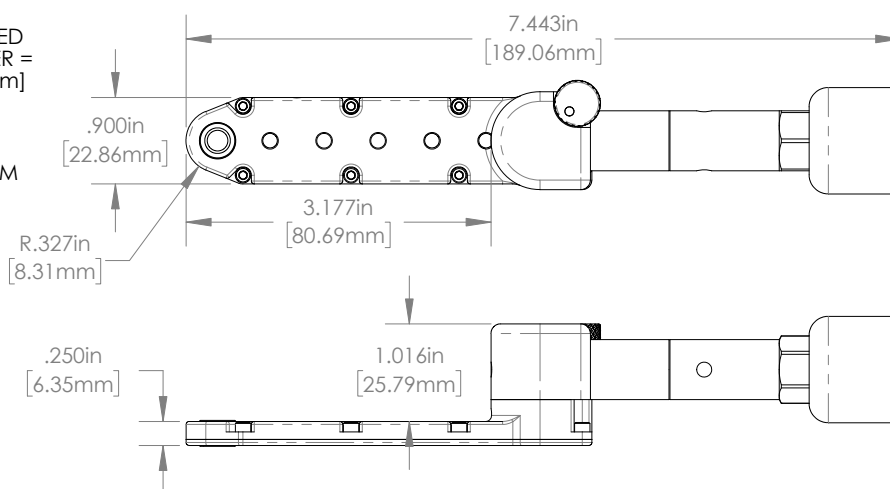
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



20911 SERIES 1 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.1875in [4.76mm]

FULL BEARING
ATTACHMENT
UP TO 6000 RPM



You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

REPLACEMENT
ATTACHMENTS ADAPT TO:
DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS

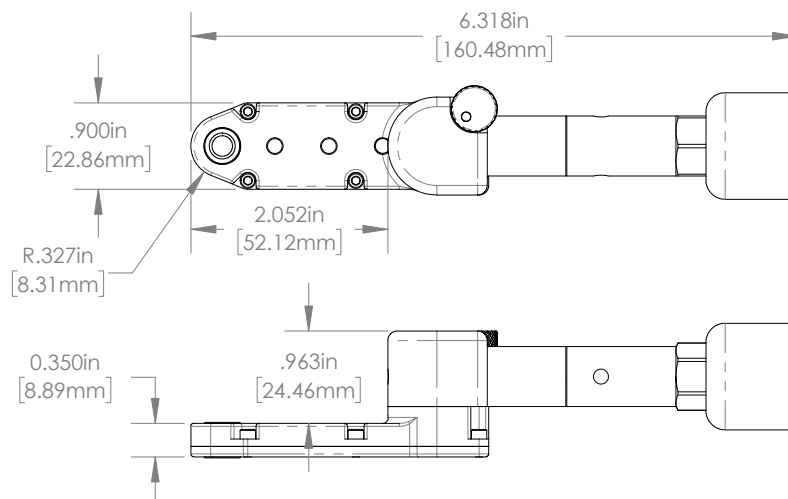
THREADED SERIES 2 PANCAKE ATTACHMENTS

FOR 1-20 LEFT-HAND THREADED MOTORS WITH 9 TOOTH SPLINE DRIVE

20912 SERIES 2 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

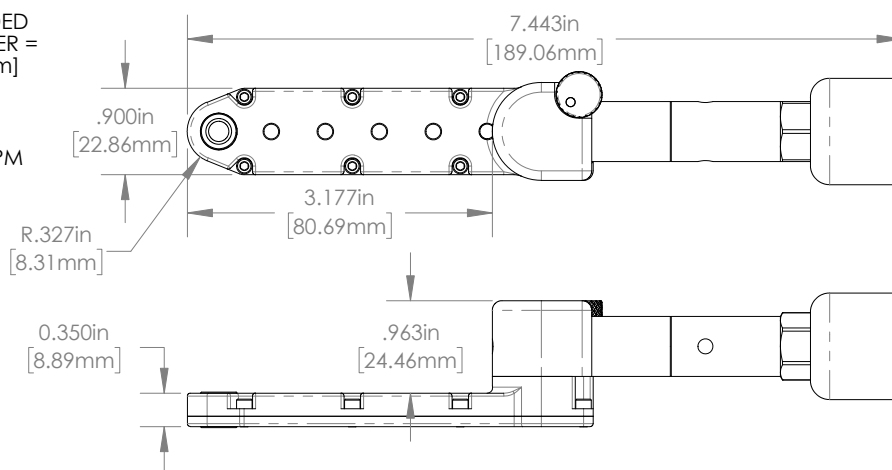
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



20913 SERIES 2 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.250in [6.35mm]

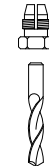
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



You must select an
internal thread

THREADED
DRILL

COLLET TYPE
DRILL



INTERNAL THREAD CODE	
1/4-28	A
10-32	C
9/32-40	E
5/16-24	F
7mm COLLET	D

REPLACEMENT
ATTACHMENTS ADAPT TO:
DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS

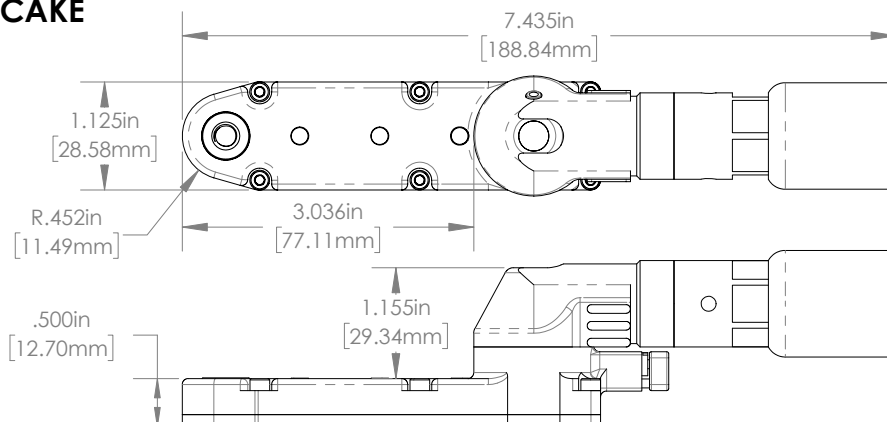
THREADED SERIES 4 PANCAKE ATTACHMENTS

FOR 1-20 LEFT-HAND THREADED MOTORS WITH 9 TOOTH SPLINE DRIVE

20914 SERIES 4 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.375in [9.52mm]

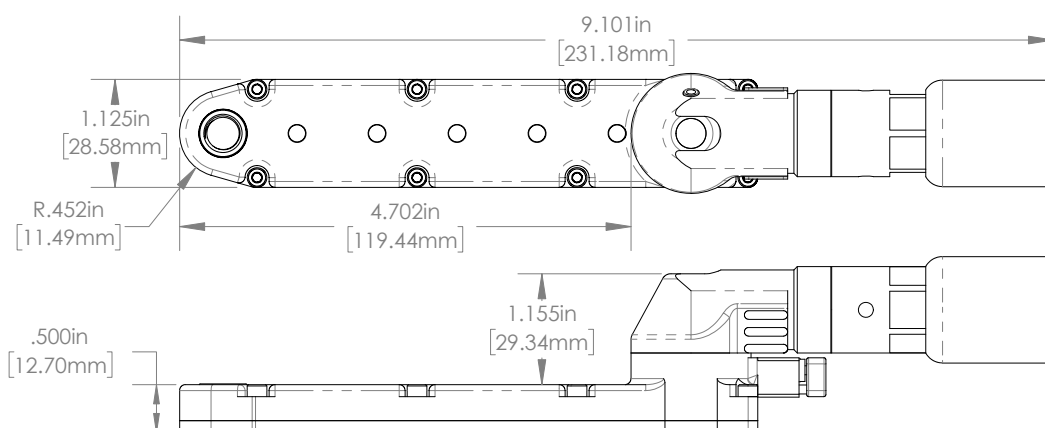
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



20915 SERIES 4 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.375in [9.52mm]

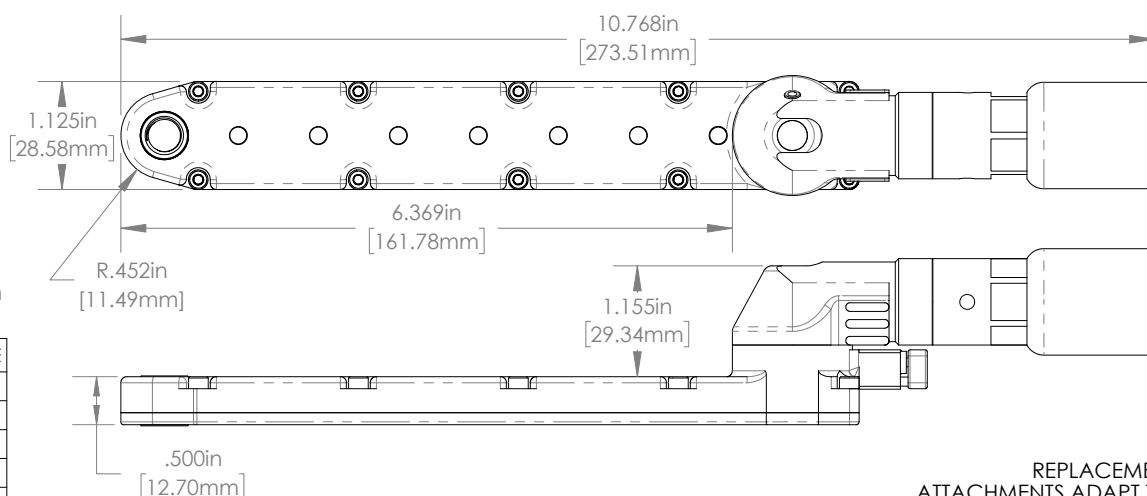
FULL BEARING
ATTACHMENT
UP TO 6000 RPM



20916 SERIES 4 INDEXABLE PANCAKE DRILL ATTACHMENT

MAXIMUM
RECOMMENDED
DRILL DIAMETER =
.375in [9.52mm]

FULL BEARING
ATTACHMENT
UP TO 6000 RPM



You must select an
internal thread

INTERNAL THREAD CODE	
1/4-28	A
9/32-40	E
5/16-24	F
3/8-24	Z
7mm COLLET	D
3/8-24 MALE	Y

REPLACEMENT
ATTACHMENTS ADAPT TO:
DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS

THREADED 1.5 H.P. STRAIGHT MOTORS

FOR 1-20 LEFT-HAND INTERNALLY THREADED ATTACHMENTS
WITH INTERNAL 9 TOOTH SPLINE DRIVE

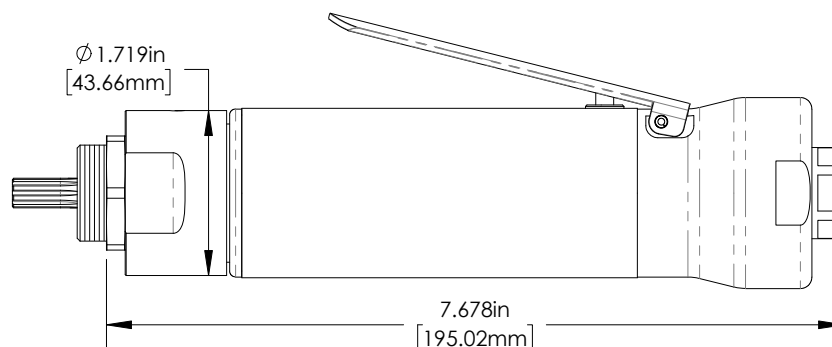
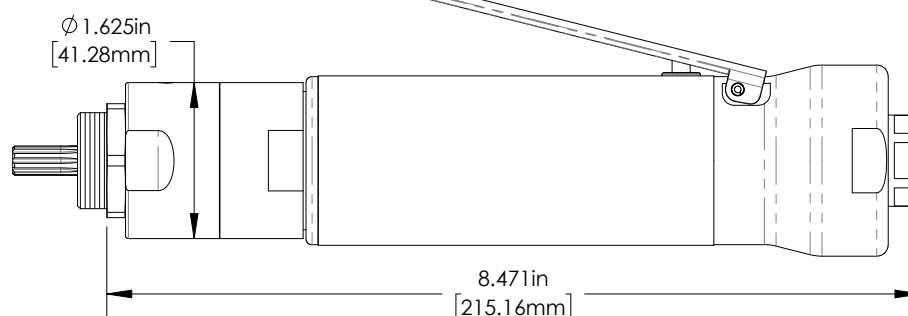
LEVER TYPE MUST BE SPECIFIED:

X = STANDARD (SHOWN)

S = SAFETY LEVER

Ex.) X152000
FOR 2000RPM, 1.5HP MOTOR,
WITH STANDARD LEVER

RPM	ORDER #
2000	152000
3000	153000
6000	156000

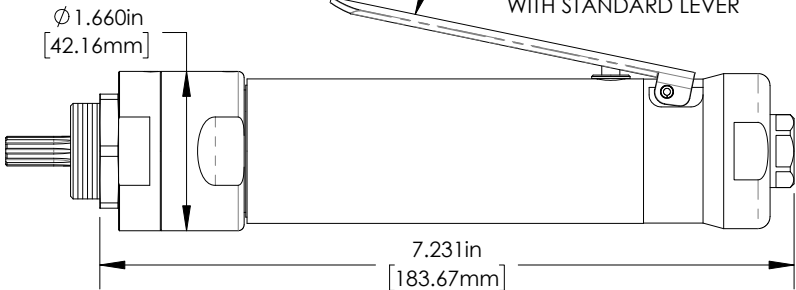
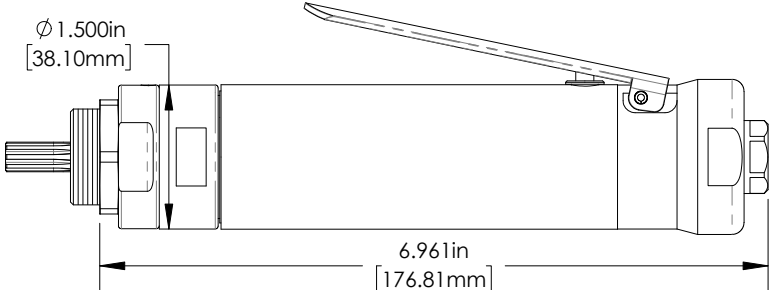
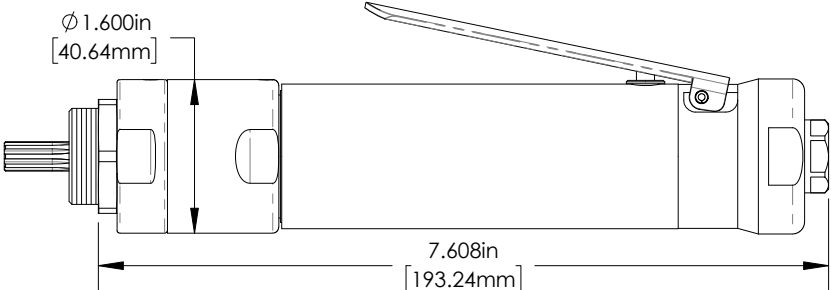
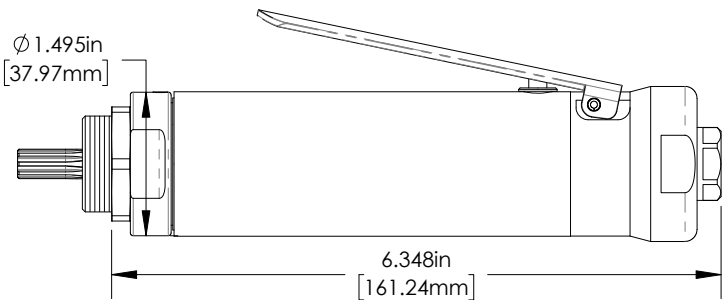


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REPLACEMENT
MOTORS ADAPT TO:
DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
ROCKWELL, DESOUTTER, & OTHERS

THREADED **.85 H.P. STRAIGHT MOTORS** FOR 1-20 LEFT-HAND INTERNALLY THREADED ATTACHMENTS WITH INTERNAL 9 TOOTH SPLINE DRIVE

LEVER TYPE MUST BE SPECIFIED:
 X = STANDARD (SHOWN)
 S = SAFETY LEVER
 Ex.) X852000
 FOR 2000RPM, .85HP MOTOR,
 WITH STANDARD LEVER

RPM	ORDER #	
500	850500	
1000	851000	
2000	852000	
3000 6000	853000 856000	

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REPLACEMENT
 MOTORS ADAPT TO:
 DOTCO, AMERICAN PNEUMATIC, BUCKEYE,
 ROCKWELL, DESOUTTER, & OTHERS



LUBRICATION INSTRUCTIONS

AIR SUPPLY

Our tools are designed to operate at 90 pounds per square inch air pressure. The pressure should be checked at the tools inlet with the tool running. For maximum performance use a 1/4" inside diameter air hose up to 8 foot in length. If additional length is required a 3/8" or larger inside diameter should be connected to the 1/4" inside diameter hose. All hoses should be clear of dirt and moisture.

AIR LINE LUBRICATION

An automatic in-line filter-lubricator is recommended as it increases tool life and provides needed lubrication for tools in sustained operation. The in-line lubricator should be regularly checked and filled with air tool oil. Proper adjustment of the in-line lubricator is performed by placing a sheet of paper next to the exhaust ports of the tool and holding the throttle open for approximately one minute. The lubricator is set correctly when a very light stain of oil collects on the paper. Excessive amounts of oil should be avoided. In the event that it becomes necessary to store the tool for an extended amount of time it should receive a generous amount of lubrication at that time and again when returned to service. The tool should be stored in a clean and dry environment. Care should be taken to absorb any excess oil from the exhaust with a suitable cloth or rag when the tool is first run with air after storage.

GEAR TRAIN LUBRICATION

Application of the tool should govern how frequently it is greased. It is recommended that the gear cases receive several squirts Magnalube-G from Saunders Enterprises www.magnalube.com after forty hours of operation.

ATTACHMENT LUBRICATION

The attachments should be greased once a day if used in sustained operation. Failure to lubricate attachments will cause premature wear and short attachment life. The grease gun used should fit a alemite #1877 fitting. We recommend Magnalube-G grease www.magnalube.com for best performance.

JIFFY AIR TOOL

General Safety Information



7.2.2.3 GENERAL SAFETY RULES



- Multiple hazards. Read and understand the safety instructions before installing, operating, repairing, maintaining, changing accessories on, or working near the power tool. Failure to do so can result in serious bodily injury.
- Only qualified and trained operators should install, adjust or use the power tool.
- Do not modify this power tool. Modifications may reduce the effectiveness of safety measures and increase the risks to the operator.
- Do not discard the safety instructions – give them to the operator.
- Do not use a tool if the tool has been damaged.
- Warnings shall be given against the risk of explosion or fire due to the material being processed;
- Warnings shall be given against the risk of cutting.

7.2.2.4 PROJECTILE HAZARDS



- Failure of the work piece, of accessories, or even of the tool itself may generate high velocity projectiles.
- Always wear impact-resistant eye protection during operation of the tool. The grade of protection required should be assessed for each use.

7.2.2.5 ENTANGLEMENT HAZARDS



- Entanglement hazard - choking, scalping and/or lacerations can occur if neck ware, hair or gloves are not kept away from tool and accessories.

7.2.2.6 OPERATING HAZARDS



- Use of the tool may expose the operator's hands to hazards including crushing, impacts, cuts and abrasions and heat. Wear suitable gloves to protect hands.
- Operators and maintenance personnel must be physically able to handle the bulk, weight and power of the tool.
- Hold the tool correctly: be ready to counteract normal or sudden movements – have both hands available.
- Maintain a balanced body position and secure footing.
- Keep hands away from rotating or reciprocation accessories, spindles or other moving parts.
- Release the start and stop device in the case of an interruption of the energy supply
- Use only lubricants recommended by the manufacturer.

7.2.2.7 REPETITIVE MOTIONS HAZARDS



- When using a power tool, you may experience discomfort in your hands, arms, shoulders, neck, or other parts of your body.
- While using a power tool, position your body in a comfortable posture. Maintain secure footing and avoid awkward or off-balanced postures. Changing your posture during extended tasks may help avoid discomfort and fatigue.
- If you experience symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensation, or stiffness, do not ignore these warning signs. Promptly tell your employer and consult a qualified health professional.

7.2.2.8 ACCESSORY HAZARDS

- Only use sizes and types of accessories and consumables that are recommended by the power tool manufacturer.
- Only use accessories designed for the use with power tools and rated at the speed recommended by the manufacturer.

7.2.2.9 WORKPLACE HAZARDS



- Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by use of the tool and also of trip hazards caused by the air line or hydraulic hose.
- Proceed with care in unfamiliar surroundings. Hidden hazards may exist, such as electricity or other utility lines.
- This power tool is not intended for use in potentially explosive atmospheres and is not insulated from coming into contact with electric power.
- Make sure there are no electrical cables, gas pipes etc. that could cause a hazard if damaged by use of the tool.



WARNING: THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS, INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. For more information go to www.P65Warnings.ca.gov

ADVERTENCIA: ESTE PRODUCTO PUEDE EXPONERLO A SUSTANCIAS QUÍMICAS, ENTRE ELLAS PLOMO, QUE EL ESTADO DE CALIFORNIA RECONOCE COMO CAUSANTE DE CÁNCER, MALFORMACIONES CONGENITAS U OTROS DAÑOS AL SISTEMA REPRODUCTOR. Para más información, visita www.P65Warnings.ca.gov



WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

7.2.2.11 NOISE HAZARDS



- Unprotected exposure to high noise levels can cause permanent, disabling, hearing loss and other problems such as tinnitus (ringing, buzzing, whistling or humming in the ears);
- Risk assessment of these hazards and implementation of appropriate controls of is essential.
- Appropriate controls to reduce the risk may include actions such as damping materials to prevent work pieces from 'ringing'
- Use hearing protection as instructed by your employer or as required by occupational health and safety regulations;
- Operate and maintain the power tool as recommended in these instructions, to prevent an unnecessary increase in noise levels;
- Select, maintain and replace the consumable/inserted tool as recommended in these instructions, to prevent an unnecessary increase in noise.

7.2.2.12 VIBRATION HAZARDS



- Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms;
- Wear warm clothing when working in cold conditions and keep your hands warm and dry;
- If you experience numbness, tingling, pain or whitening of the skin in your fingers or hands, stop using the power tool, and tell your employer. You should also seek medical advice from a qualified occupational health professional.
- Operate and maintain the power tool as recommended in these instructions, to prevent an unnecessary increase in vibration;
- Select, maintain and replace the consumable/inserted tool as recommended in these instructions, to prevent an unnecessary increase in vibration levels;
- Support the weight of the tool in a stand, tensioner or balancer, because the operator can then use a lighter grip to support the tool.
- Hold the tool with a light but safe grip taking account of the required hand reaction forces, because the risk from vibration is generally greater when the grip force is higher.

7.2.3 ADDITIONAL SAFETY INSTRUCTIONS FOR PNEUMATIC POWER TOOLS - AIR SUPPLY & CONNECTION HAZARDS

- Air under pressure can cause severe injury.
- Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- Never direct air at yourself or anyone else.
- Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
- Whenever universal twist couplings (claw couplings) are used, lock pins must be installed.
- Do not exceed the maximum air pressure stated on the tool.
- Use whip check safety cables to safeguard against possible hose to tool and hose to hose connection failure.
- Never carry an air tool by the hose.

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1-800-828-8665 U.S. and Canada 1-775-883-1072 International



RECOMMENDED DRILL RPM'S PER DRILL SIZE														
MATERIAL	#40	1/8	5/32	3/16	7/32	1/4	9/32	5/16	11/32	3/8	13/32	7/16	15/32	1/2
ALUMINUM	5500	5000	5000	4000	3500	3000	2700	2600	2000	2000	1800	1800	1500	1500
INCONEL	500	300	300	300	250	250	250	150	150	150	150	150	100	100
17-7	900	650	650	500	450	300	300	300	250	250	250	250	150	150
STAINLESS STEEL	1100	750	750	650	500	450	450	300	300	300	300	250	250	250
TITANIUM	750	500	500	450	300	300	250	250	250	150	150	150	150	150
HASTELLOY	500	300	300	300	250	250	250	150	150	150	150	150	100	100
PLAIN STEEL	2000	1500	1400	1200	1000	900	900	750	650	650	500	500	500	450

FRACTION-DECIMAL-MILLIMETER CONVERSION CHART



INCHES		MM	INCHES		MM	
	$\frac{1}{64}$	.015625	.3969	$\frac{33}{64}$	.515625	13.096
$\frac{1}{32}$		.03125	.7938	$\frac{17}{32}$	.53125	13.493
	$\frac{3}{64}$	.046875	1.1906	$\frac{35}{64}$	.546875	13.890
$\frac{1}{16}$		.0625	1.5875	$\frac{9}{16}$	.5625	14.287
	$\frac{5}{64}$	.078125	1.9844	$\frac{37}{64}$	.578125	14.684
$\frac{3}{32}$		.09375	2.3813	$\frac{19}{32}$	.59375	15.081
	$\frac{7}{64}$	.109375	2.7781	$\frac{39}{64}$	.609375	15.478
$\frac{1}{8}$		.125	3.1750	$\frac{5}{8}$	.625	15.875
	$\frac{9}{64}$	.140625	3.5719	$\frac{41}{64}$	.640625	16.271
$\frac{5}{32}$		.15625	3.9688	$\frac{21}{32}$	.65625	16.668
	$\frac{11}{64}$	.171875	4.3656	$\frac{43}{64}$	.671875	17.065
$\frac{3}{16}$		.1875	4.7625	$\frac{11}{16}$	.6875	17.462
	$\frac{13}{64}$	.203125	5.1594	$\frac{45}{64}$	.703125	17.859
$\frac{7}{32}$		.21875	5.5563	$\frac{23}{32}$	.71875	18.256
	$\frac{15}{64}$	.234375	5.9531	$\frac{47}{64}$	.734375	18.653
$\frac{1}{4}$		.250	6.3500	$\frac{3}{4}$	.750	19.050
	$\frac{17}{64}$	.265625	6.7469	$\frac{49}{64}$	.765625	19.447
$\frac{9}{32}$		.28125	7.1438	$\frac{25}{32}$	.78125	19.843
	$\frac{19}{64}$	.296875	7.5406	$\frac{51}{64}$	.796875	20.240
$\frac{5}{16}$		.3125	7.9375	$\frac{13}{16}$	.8125	20.6375
	$\frac{21}{64}$	.328125	8.3344	$\frac{53}{64}$	.828125	21.0345
$\frac{11}{32}$		.34375	8.7313	$\frac{27}{32}$	.84375	21.431
	$\frac{23}{64}$	.359375	9.1282	$\frac{55}{64}$	.859375	21.8282
$\frac{3}{8}$		.375	9.5250	$\frac{7}{8}$	.875	22.2251
	$\frac{25}{64}$	.390625	9.9219	$\frac{57}{64}$	.890625	22.6220
$\frac{13}{32}$		.40625	10.3188	$\frac{29}{32}$	.90625	23.0188
	$\frac{27}{64}$	.421875	10.7157	$\frac{59}{64}$	.921875	23.4157
$\frac{7}{16}$		.4375	11.1125	$\frac{15}{16}$	.9375	23.8126
	$\frac{29}{64}$	.453125	11.5094	$\frac{61}{64}$	.953125	24.2095
$\frac{15}{32}$		.46875	11.9063	$\frac{31}{32}$	.96875	24.6063
	$\frac{31}{64}$	.484375	12.3032	$\frac{63}{64}$	.984375	25.0032
$\frac{1}{2}$		.500	12.7001	1	1.000	25.4001

[illegible]

SERVICE POLICY

FULL SIX MONTH WARRANTY

United Air Tool / Jiffy warrants its products against any defects that are due to faulty material or workmanship for a six month period after the original date of customer purchase. This warranty does not include damage to the product resulting from accident, misuse, or repairs performed by unauthorized personnel. If the product should become defective within the warranty period, or you have questions regarding warranty or service, call Customer Service.

RETURN PROCEDURE

1. When you wish to send any product to the factory, for any reason, contact the sales department. Sales personnel will record all pertinent information.
2. Upon approval, the sales department will issue a Return Material Authorization number, or RMA number to cover the "return" or "repair" specified.
3. The RMA number must be prominently displayed upon all packages returned to our facility. Failure to do so will result in the package being refused and returned at the shippers expense.

Restocking or Cancellation fee 50%

Phone: 1 (775) 883 1072 or (800) 828 8665

Fax: 1 (775) 883 4857

email: sales@jiffyairtool.com

Order Desk Hours: 7:00 a.m. to 3:30 p.m. PST

Monday through Friday

Mailing Address:

P.O. Box 2260

Hicksville, NY 11802 USA

Factory Address:

2254 Conestoga Dr.

Carson City, NV 89706-0434 USA



www.jiffyairtool.com | (800) 828-8665 | (775) 883-1072