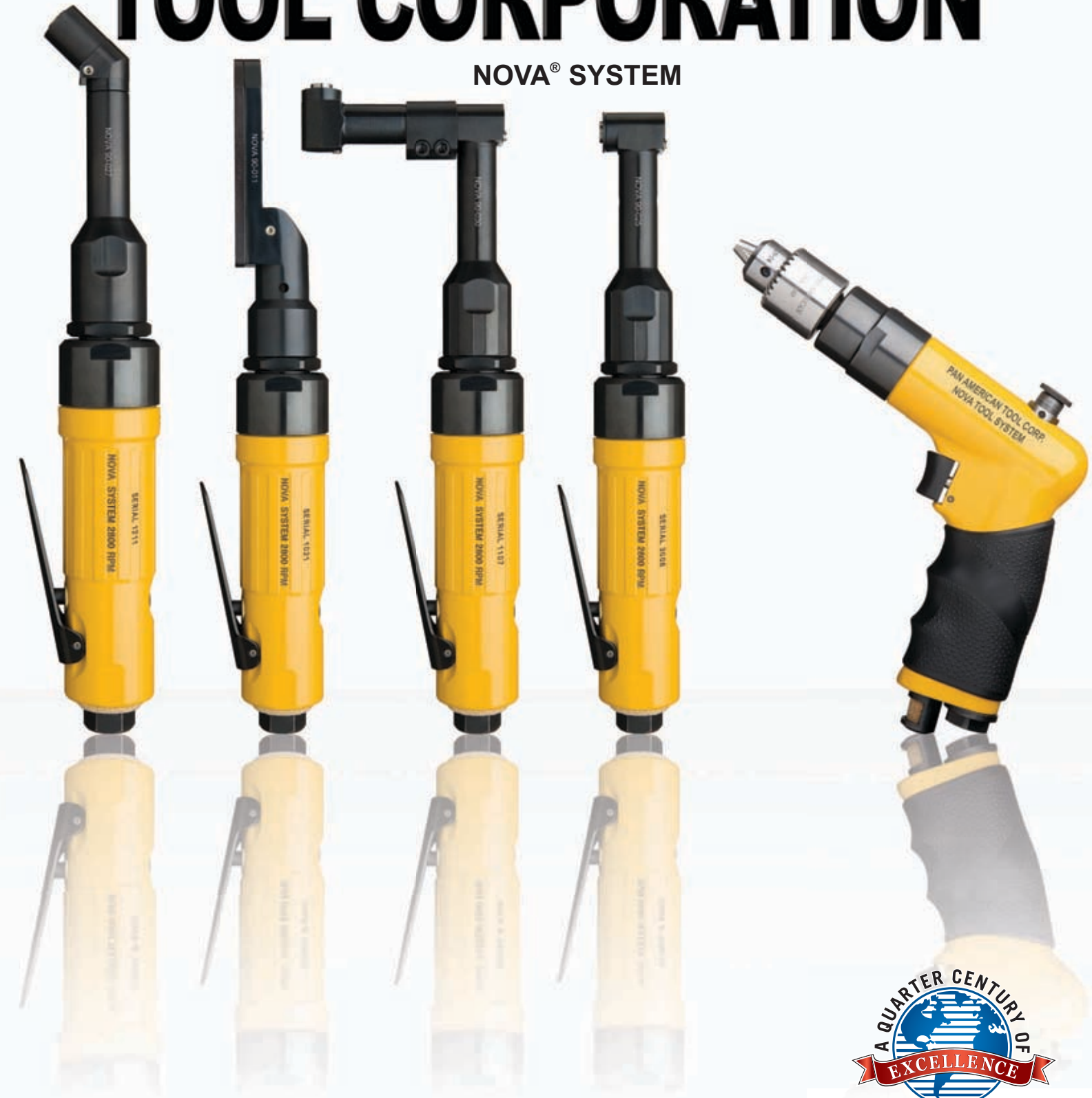


PAN AMERICAN TOOL CORPORATION

NOVA[®] SYSTEM



PAN AMERICAN TOOL CORPORATION
 5990 NW 31st Avenue Ft. Lauderdale, Florida 33309-2208
 PHONE (954)735-8665 • TOLL FREE 1-800-423-2764 • FAX (954)735-8668
www.panamericantool.com



2013



TERMS AND CONDITIONS

- TERMS:** Net 10th and 25th.
- DELIVERY:** F.O.B. our plant, Fort Lauderdale, Florida
- CREDIT:** On application by rated companies. Visa, Mastercard, American Express, Discover and IMPAC Cards accepted.
- MINIMUM ORDER:** Minimum order \$50.00. All prices quoted in U.S. dollars. Overseas shipments available. C.O.D. shipments plus \$9.00.
- WARRANTY:** Pan American Tool Corporation tools are warranted against all defects in material or workmanship, when used for the purpose for which the tool was designed.
- CLAIMS:** All claims must be made no later than 10 days after receipt of merchandise.
- RETURNS:** Any defective tool must be returned freight prepaid to Pan American Tool Corporation, and will be repaired, replaced, or credited, provided it has not been misused or abused in any manner.

CAGE CODE: 0PFP1

WARNING: Always wear proper eye protection when working with any cutting tools.

TABLE OF CONTENTS

Standard Nova® Heads on Motor Housings4

Nova® 90° Angle Head.....5

Nova® Long Reach 90° Angle Head6

Nova® 45° Angle Head.....7

Nova® Long Reach 45° Angle Head8

Nova® 360° Angle Head.....9

Nova® Reversing Motor Housing10

Nova® 90° Short Flat Offset Angle Head11

Nova® 90° Medium Flat Offset Angle Head12

Nova® 90° Long Flat Offset Angle Head13

Nova® Flat Offset Angle Head14

Nova® Long Reach Flat Offset Head.....15

Nova® 90° Angle Head with 1/4" Chuck16

Standard Nova® System Kit.....17

Compact Nova® Heads on Compact Housings18

Nova® 360° Compact Angle Head19

Nova® 90° Compact Angle Head20

Nova® Long Reach 90° Compact Angle Head21

Nova® 45° Compact Angle Head22

Nova® Long Reach 45° Compact Angle Head23

Nova® 90° Compact Flat Offset Angle Head24

Compact Nova® System Kit.....25

Nova® Pistol Grip Drills.....26

Nova® Compact Pistol Grip Drill27

Nova® 2400 RPM .5 Horsepower Pistol Grip Drill28

Nova® 1300 RPM High Torque Compact Pistol Grip Drill29

Nova® 650 RPM High Torque Compact Pistol Grip Drill29

Nova® 900 RPM High Torque Pistol Grip Drill30

Nova® 2000 RPM Heavy Duty Reversible 3/8 Pistol Grip Drill31

Nova® Compact Reversing Drill.....32

Nova® Complete Motor Mounted Micro-Stop Cage.....33

Nova® Flat Offset Angle Attachments34

Optional Accessories35

Cleco Installation Tools.....36

Nova® Hex Nut Cleco Installation Tool37

Nova® 90° Grinder38

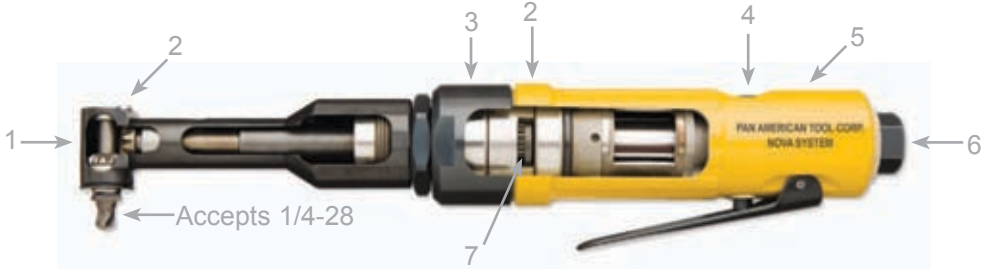
Nova® Straight Grinder38

Nova® Pencil Grinder.....39

Engraving Pen.....39

Stylus.....39

STANDARD NOVA® DRILL CUT AWAY



1. One Piece Hardened Spindle Gear

2. Grease Fittings in Motor Housing and Head

3. Closed Case Bearings Top and Bottom

4. In Line Air Regulator
5. Housing is Milled from One Piece of Solid Stock for Precision Operation

6. Rear Exhaust with Bronze Muffler

7. Hardened Alloy Steel Planetary Gears, Motor Cylinder and Rotor

STANDARD NOVA® HEADS ON MOTOR HOUSINGS

NOVA® 90° ANGLE



See Page 5

NOVA® LONG REACH 90°ANGLE



See Page 6

NOVA® 45° ANGLE



See Page 7

NOVA® LONG REACH 45° ANGLE



See Page 8

NOVA® 360° ANGLE



See Page 9

NOVA® COMPACT REVERSIBLE MOTOR HOUSING



See Page 10

NOVA® 90° SHORT FLAT OFFSET



See Page 11

NOVA® 90° MEDIUM FLAT OFFSET



See Page 12

NOVA® 90° LONG FLAT OFFSET



See Page 13

NOVA® FLAT OFFSET



See Page 14

NOVA® LONG REACH FLAT OFFSET



See Page 15

NOVA® 90° HEAD W/ 1/4" CHUCK



See Page 16

NOVA® 90° ANGLE HEAD



Part #90-025
Weight .4 Lbs.
\$165.00 Each



2800 RPM - .3HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

- Accepts 1/4-28 Threaded Angle Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT

- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Angle Head With .3 Horsepower Motor	60-025	2800	25	1.6 Lbs.	\$295.00
90° Angle Head With .3 Horsepower Motor	60-025A	5000	22	1.6 Lbs.	\$295.00
90° Angle Head With .5 Horsepower Motor	61-025	3200	35	1.9 Lbs.	\$305.00
90° Angle Head With .3 Horsepower Motor	60-043	900	52	1.8 Lbs.	\$345.00

NOVA® LONG REACH 90° ANGLE HEAD



PART #90-026
Weight .6 Lbs.
\$200.00 EACH

NOVA® 45° ANGLE HEAD



PART #90-027
Weight .5 Lbs.
\$200.00 EACH



2800 RPM - .3HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
Long Reach 90° Angle Head With .3 Horsepower Motor	60-027	2800	25	1.8 Lbs.	\$330.00
Long Reach 90° Angle Head With .3 Horsepower Motor	60-027A	5000	22	1.8 Lbs.	\$330.00
Long Reach 90° Angle Head With .5 Horsepower Motor	61-027	3200	35	2.1 Lbs.	\$340.00
Long Reach 90° Angle Head With .3 Horsepower Motor	62-027	900	52	2.0 Lbs.	\$380.00



2800 RPM - .3HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
45° Angle Head With .3 Horsepower Motor	60-026	2800	25	1.7 Lbs.	\$330.00
45° Angle Head With .3 Horsepower Motor	60-026A	5000	22	1.7 Lbs.	\$330.00
45° Angle Head With .5 Horsepower Motor	61-026	3200	35	2.0 Lbs.	\$340.00
45° Angle Head With .3 Horsepower Motor	62-026	900	52	1.9 Lbs.	\$380.00

NOVA® LONG REACH 45° ANGLE HEAD



PART #90-028
Weight .7 Lbs.
\$215.00 EACH



2800 RPM - .3HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

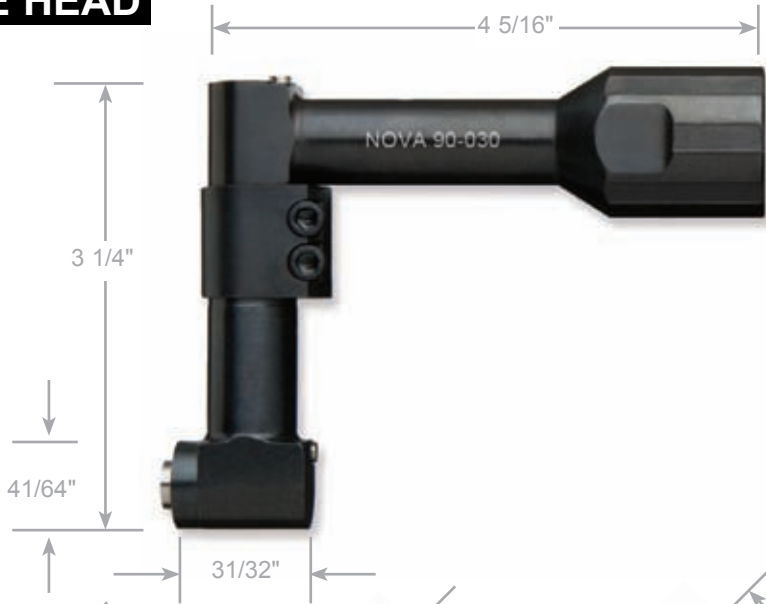
3200 RPM - .5HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
Long Reach 45° Angle Head With .3 Horsepower Motor	60-028	2800	25	1.9 Lbs.	\$345.00
Long Reach 45° Angle Head With .3 Horsepower Motor	60-028A	5000	22	1.9 Lbs.	\$345.00
Long Reach 45° Angle Head With .5 Horsepower Motor	61-028	3200	35	2.2 Lbs.	\$355.00
Long Reach 45° Angle Head With .3 Horsepower Motor	62-028	900	52	2.1 Lbs.	\$395.00

NOVA® 360° ANGLE HEAD



PART #90-030
Weight .7 Lbs.
\$270.00 EACH



2800 RPM - .3HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
360° Angle Head With .3 Horsepower Motor	60-030	2800	25	1.9 Lbs.	\$400.00
360° Angle Head With .3 Horsepower Motor	60-030A	5000	22	1.9 Lbs.	\$400.00
360° Angle Head With .5 Horsepower Motor	61-030	3200	35	2.2 Lbs.	\$410.00
360° Angle Head With .3 Horsepower Motor	62-030	900	52	2.1 Lbs.	\$450.00



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NOVA® REVERSING MOTOR HOUSING 2000 or 3100 RPM



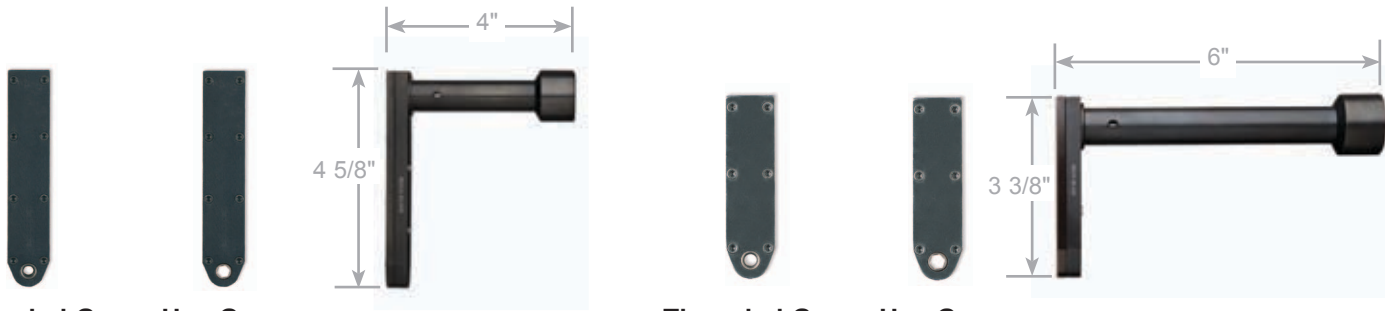
Compatible With
All Standard
Nova® Heads

2000 RPM - .4 HP
Weight 1.6 Lbs.
Part #60-015
\$135.00 Each

3100 RPM. - .4 HP
Weight 1.6 Lbs.
Part #60-016
\$135.00 Each

- Reversing Housing With Spline Drive For Use With Standard Nova® Heads
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- 360° Rotatable Exhaust
- Air Inlet 1/4-18 NPT
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

These Recommended Nova® Heads Will Utilize The Reversing Option
Heads Available with Threaded or 1/4" Hex Drive.
Locking Insert Bits Are Available



Threaded Gear
Part #90-044
\$240.00 Each

Hex Gear
Part #90-044H
\$240.00 Each

Threaded Gear
Part #90-043
\$240.00 Each

Hex Gear
Part #90-043H
\$240.00 Each

Threaded Gear
Part #90-011
\$215.00 Each

Hex Gear
Part #90-011H
\$215.00 Each

Page 11

Threaded Gear
Part #90-012
\$275.00 Each

Hex Gear
Part #90-012H
\$275.00 Each

Page 12

Threaded Gear
Part #90-013
\$325.00 Each

Hex Gear
Part #90-013H
\$325.00 Each

Page 13

Threaded Gear
Part #60-039
\$215.00 Each

Hex Gear
Part #60-039H
\$215.00 Each

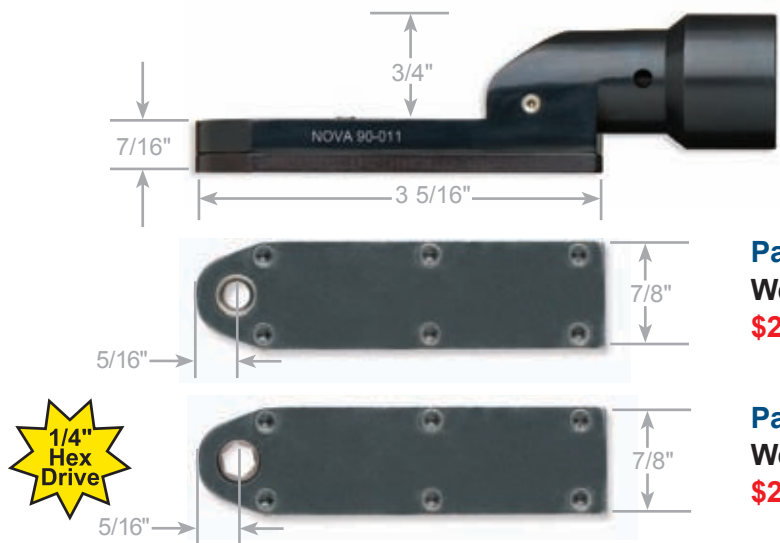
Page 14

Threaded Gear
Part #90-040
\$240.00 Each

Hex Gear
Part #90-040H
\$240.00 Each

Page 15

NOVA® 90° SHORT FLAT OFFSET ANGLE HEAD THREADED SPINDLE OR 1/4" HEX DRIVE



Part #90-011
Weight .6 Lbs.
\$215.00 Each

Part #90-011H
Weight .6 Lbs.
\$215.00 Each



2800 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5 HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

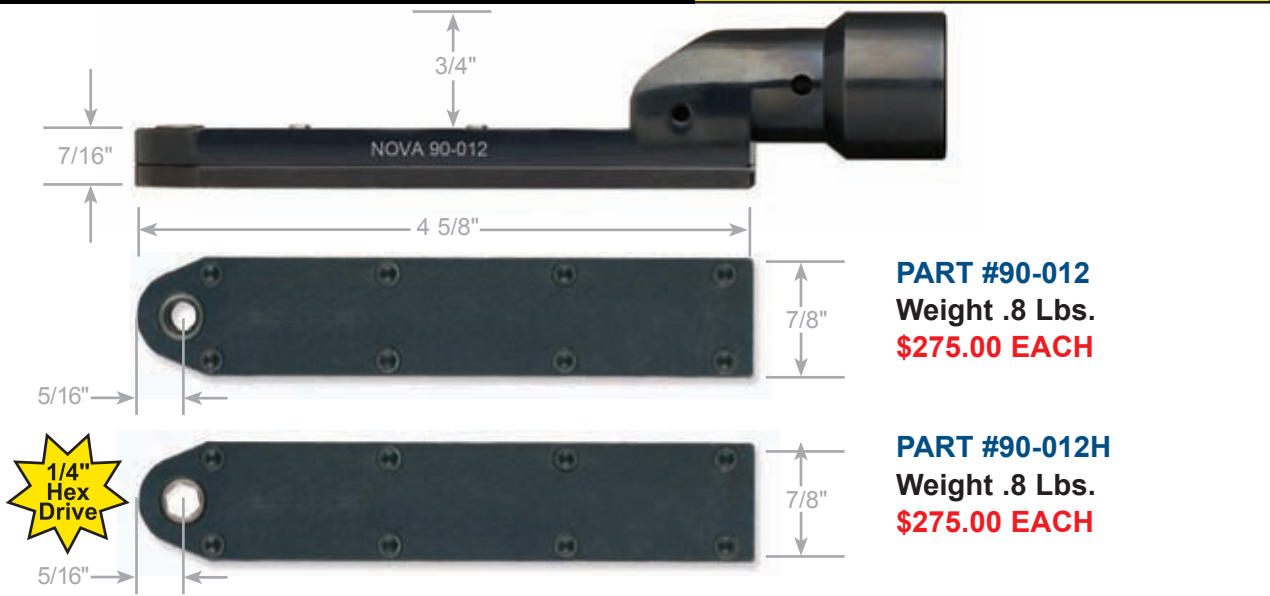
900 RPM - .3 HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

3100 RPM - .2 HP
Weight 1.5 Lbs.
Part #90-045
\$350.00 Each

- Accepts 1/4-28 Threaded Angle Bits or 1/4" Insert Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER THREADED	PART NUMBER HEX	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Short Flat Offset Angle Head With .3 Horsepower Motor	60-033	60-033H	2800	25	1.8 Lbs.	\$345.00
90° Short Flat Offset Angle Head With .3 Horsepower Motor	60-033A	60-033AH	5000	22	1.8 Lbs.	\$345.00
90° Short Flat Offset Angle Head With .5 Horsepower Motor	61-033	61-033H	3200	35	2.1 Lbs.	\$355.00
90° Short Flat Offset Angle Head With .3 Horsepower Motor	62-033	62-033H	900	52	2.0 Lbs.	\$395.00
90° Short Flat Offset Angle Head With .2 Horsepower Reversing Motor	63-033	63-033H	3100	22	2.1 Lbs.	\$585.00

NOVA® 90° MEDIUM FLAT OFFSET ANGLE HEAD **THREADED SPINDLE OR 1/4" HEX DRIVE**



PART #90-012
Weight .8 Lbs.
\$275.00 EACH

PART #90-012H
Weight .8 Lbs.
\$275.00 EACH



2800 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5 HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

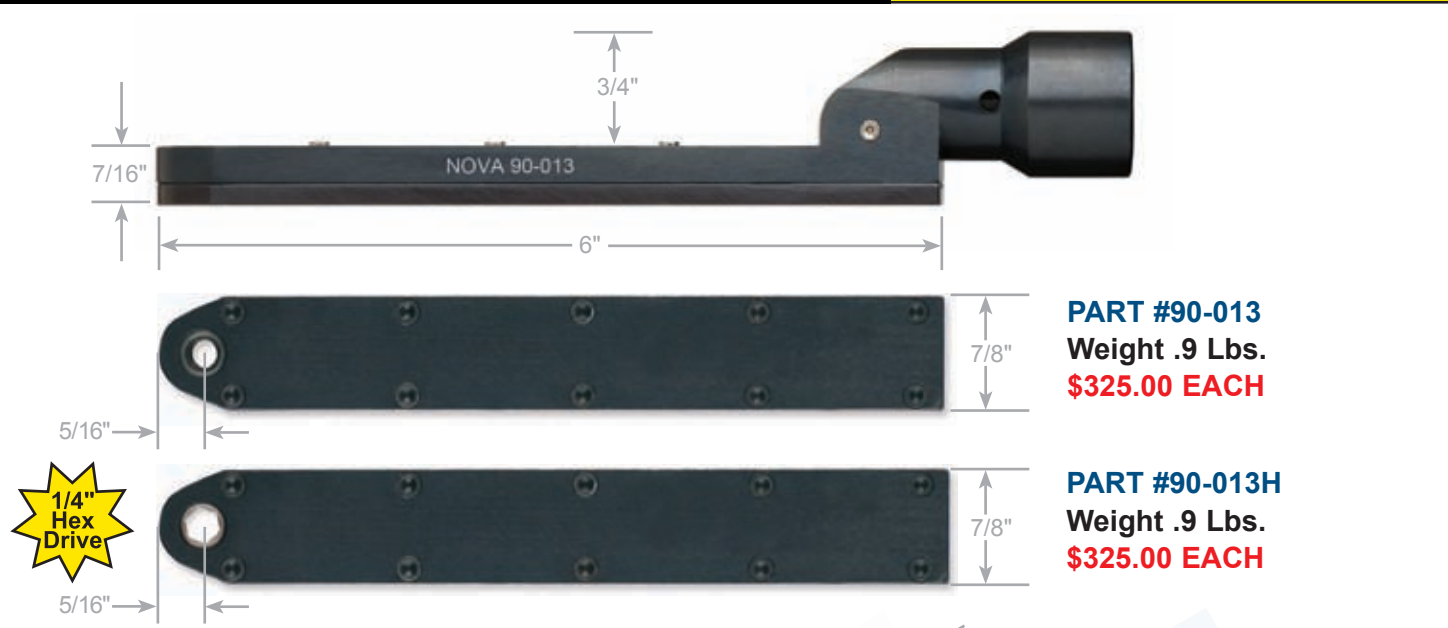
900 RPM - .3 HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

3100 RPM - .2 HP
Weight 1.5 Lbs.
Part #90-045
\$350.00 Each

- Accepts 1/4-28 Threaded Angle Bits or 1/4" Insert Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER THREADED	PART NUMBER HEX	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Medium Flat Offset Angle Head With .3 Horsepower Motor	60-031	60-031H	2800	25	2 Lbs.	\$405.00
90° Medium Flat Offset Angle Head With .3 Horsepower Motor	60-031A	60-031AH	5000	22	2 Lbs.	\$405.00
90° Medium Flat Offset Angle Head With .5 Horsepower Motor	61-031	61-031H	3200	35	2.3 Lbs.	\$415.00
90° Medium Flat Offset Angle Head With .3 Horsepower Motor	62-031	62-031H	900	52	2.2 Lbs.	\$455.00
90° Medium Flat Offset Angle Head With .2 Horsepower Reversing Motor	63-031	63-031H	3100	22	2.3 Lbs.	\$620.00

NOVA® 90° LONG FLAT OFFSET ANGLE HEAD **THREADED SPINDLE OR 1/4" HEX DRIVE**



PART #90-013
Weight .9 Lbs.
\$325.00 EACH

PART #90-013H
Weight .9 Lbs.
\$325.00 EACH



2800 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5 HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3 HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

3100 RPM - .2 HP
Weight 1.5 Lbs.
Part #90-045
\$350.00 Each

- Accepts 1/4-28 Threaded Angle Bits or 1/4" Insert Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER THREADED	PART NUMBER HEX	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Long Flat Offset Angle Head With .3 Horsepower Motor	60-013	60-013H	2800	25	2.1 Lbs.	\$455.00
90° Long Flat Offset Angle Head With .3 Horsepower Motor	60-013A	60-013AH	5000	22	2.1 Lbs.	\$455.00
90° Long Flat Offset Angle Head With .5 Horsepower Motor	61-013	61-013H	3200	35	2.4 Lbs.	\$465.00
90° Long Flat Offset Angle Head With .3 Horsepower Motor	62-013	62-013H	900	52	2.3 Lbs.	\$505.00
90° Long Flat Offset Angle Head With .2 Horsepower Reversing Motor	63-013	63-013H	3100	22	2.4 Lbs.	\$670.00

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NOVA® FLAT OFFSET ANGLE HEAD THREADED SPINDLE OR 1/4" HEX DRIVE



PART #60-039
Weight .5 Lbs.
\$215.00 EACH

PART #60-039H
Weight .5 Lbs.
\$215.00 EACH



Reversing Button

2800 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5 HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

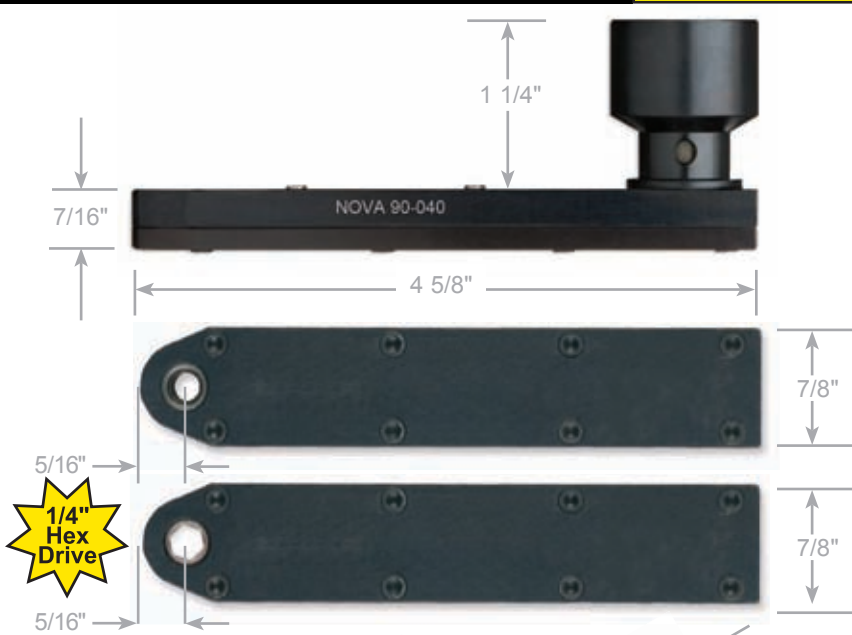
900 RPM - .3 HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

3100 RPM - .2 HP
Weight 1.5 Lbs.
Part #90-045
\$350.00 Each

- Accepts 1/4-28 Threaded Angle Bits or 1/4" Insert Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER THREADED	PART NUMBER HEX	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
Flat Offset Angle Head With .3 Horsepower Motor	60-032	60-032H	2800	25	1.7 Lbs.	\$345.00
Flat Offset Angle Head With .3 Horsepower Motor	60-032A	60-032AH	5000	22	1.7 Lbs.	\$345.00
Flat Offset Angle Head With .5 Horsepower Motor	61-032	61-032H	3200	35	2.0 Lbs.	\$355.00
Flat Offset Angle Head With .3 Horsepower Motor	62-032	62-032H	900	52	1.9 Lbs.	\$395.00
Flat Offset Angle Head With .2 Horsepower Reversing Motor	63-032	63-032H	3100	22	2.0 Lbs.	\$560.00

NOVA® LONG REACH FLAT OFFSET HEAD THREADED SPINDLE OR 1/4" HEX DRIVE



PART #90-040
Weight .6 Lbs.
\$240.00 EACH

PART #90-040H
Weight .6 Lbs.
\$240.00 EACH



Reversing Button

2800 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each

5000 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each

3200 RPM - .5 HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each

900 RPM - .3 HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

3100 RPM - .2 HP
Weight 1.5 Lbs.
Part #90-045
\$350.00 Each

- Accepts 1/4-28 Threaded Angle Bits or 1/4" Insert Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER THREADED	PART NUMBER HEX	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
Long Reach Offset Head With .3 Horsepower Motor	60-038	60-038H	2800	25	1.8 Lbs.	\$370.00
Long Reach Offset Head With .3 Horsepower Motor	60-038A	60-038AH	5000	22	1.8 Lbs.	\$370.00
Long Reach Offset Head With .5 Horsepower Motor	61-038	61-038H	3200	35	2.1 Lbs.	\$380.00
Long Reach Offset Head With .3 Horsepower Motor	62-038	62-038H	900	52	2.0 Lbs.	\$420.00
Long Reach Offset Head With .2 Horsepower Reversing Motor	63-038	63-038H	3100	22	2.1 Lbs.	\$585.00



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NOVA® 90° ANGLE HEAD WITH 1/4" CHUCK



PART #90-039
Weight .8 Lbs.
\$185.00 EACH



2800 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-002
\$130.00 Each



5000 RPM - .3 HP
Weight 1.2 Lbs.
Part #90-003
\$130.00 Each



3200 RPM - .5 HP
Weight 1.5 Lbs.
Part #90-006
\$140.00 Each



900 RPM - .3 HP
Weight 1.4 Lbs.
Part #90-035
\$180.00 Each

- Accepts 1/4-28 Threaded Angle Bits
- Capacity: 1/4"
- Rear Exhaust
- Angle Head may be rotated 360° for superior operator control
- Air Inlet 1/4-18 NPT

- Motor housing milled from solid bar for precision motor alignment
- Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
- Smooth quiet operation
- One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Angle Head With 1/4" Chuck With .3 Horsepower Motor	60-046C	2800	25	2.0 Lbs.	\$315.00
90° Angle Head With 1/4" Chuck With .3 Horsepower Motor	60-046AC	5000	22	2.0 Lbs.	\$315.00
90° Angle Head With 1/4" Chuck With .5 Horsepower Motor	61-046C	3200	35	2.3 Lbs.	\$325.00
90° Angle Head With 1/4" Chuck With .3 Horsepower High Torque	62-046C	900	52	2.2 Lbs.	\$365.00

STANDARD NOVA® SYSTEM KIT 2800, 5000 or 3200 RPM



Specify RPM Motor Housing
.3HP 2800 RPM or 5000 RPM
.5HP 3200 RPM

One Year Warranty

ATTACHMENT CHOICES

- Nova® 90° Angle Head - Part #90-025 - p. 5
- Nova® Long Reach 90° Angle Head - Part #90-026 - p. 6
- Nova® 45° Angle Head - Part #90-027 - p. 7
- Nova® Long Reach 45° Angle Head - Part #90-028 - p. 8
- Nova® 360° Angle Head - Part #90-030 - p. 9
- Nova® 90° Short Flat Offset Angle Head - Part #90-011 - p. 11
- Nova® 90° Medium Flat Offset Angle Head - Part #90-012 - p. 12
- Nova® 90° Long Flat Offset Angle Head - Part #90-013 - p. 13
- Nova® 90° Flat Offset Angle Head - Part #60-039 - p. 14
- Nova® Long Reach Flat Offset Head - Part #90-040 - p. 15

Motor Housing and Any 4 Attachments Excluding 360° Head

.3HP 2800 RPM	Part #60-029	\$790.00
.3HP 5000 RPM	Part #60-029A	\$790.00
.5HP 3200 RPM	Part #61-029	\$800.00

Motor Housing and Any 6 Attachments

.3HP 2800 RPM	Part #60-034	\$1200.00
.3HP 5000 RPM	Part #60-034A	\$1200.00
.5HP 3200 RPM	Part #61-034	\$1210.00

Motor Housing and Any 3 Attachments Plus 360° Head

.3HP 2800 RPM	Part #60-037	\$850.00
.3HP 5000 RPM	Part #60-037A	\$850.00
.5HP 3200 RPM	Part #61-037	\$860.00

Motor Housing and Any 7 Attachments

.3HP 2800 RPM	Part #60-041	\$1400.00
.3HP 5000 RPM	Part #60-041A	\$1400.00
.5HP 3200 RPM	Part #61-041	\$1410.00

Motor Housing and Any 4 Attachments Plus 360° Head

.3HP 2800 RPM	Part #60-040	\$1030.00
.3HP 5000 RPM	Part #60-040A	\$1030.00
.5HP 3200 RPM	Part #61-040	\$1040.00

Motor Housing and All 10 Attachments

.3HP 2800 RPM	Part #60-042	\$2130.00
.3HP 5000 RPM	Part #60-042A	\$2130.00
.5HP 3200 RPM	Part #61-042	\$2140.00



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COMPACT NOVA® HEADS ON COMPACT HOUSINGS

NOVA® 360° COMPACT ANGLE



See Page 19

NOVA® 90° COMPACT ANGLE



See Page 20

NOVA® LONG REACH 90° COMPACT ANGLE



See Page 21

NOVA® 45° COMPACT ANGLE



See Page 22

NOVA® LONG REACH 45° COMPACT ANGLE



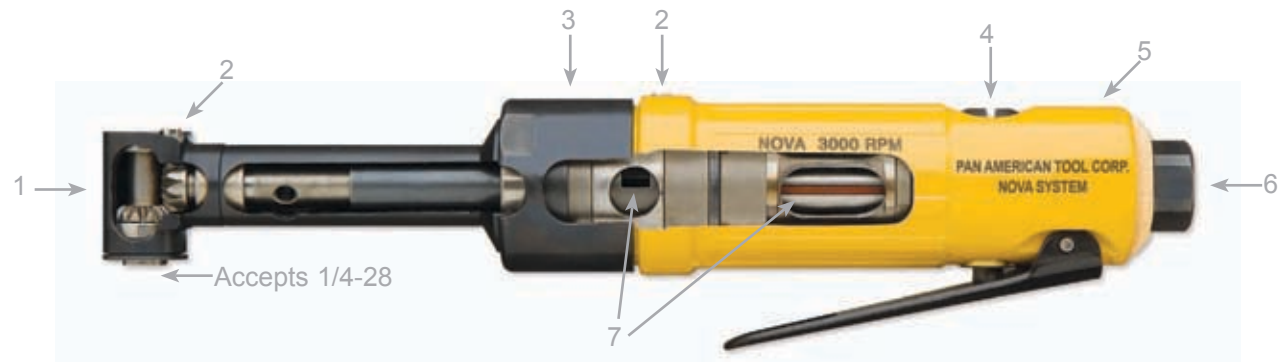
See Page 23

NOVA® 90° COMPACT FLAT OFFSET ANGLE



See Page 24

COMPACT NOVA® DRILL CUT AWAY



1. One Piece Hardened Spindle Gear

2. Grease Fittings in Motor Housing and Head

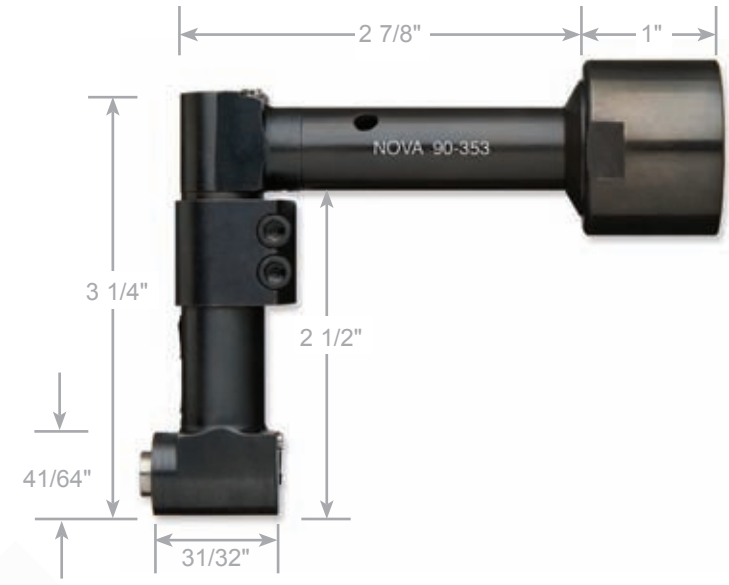
3. Closed Case Bearings Top and Bottom

4. In Line Air Regulator
5. Housing is Milled from One Piece of Solid Stock for Precision Operation


6. Rear Exhaust with Bronze Muffler

7. Hardened Alloy Steel Planetary Gears, Motor Cylinder and Rotor

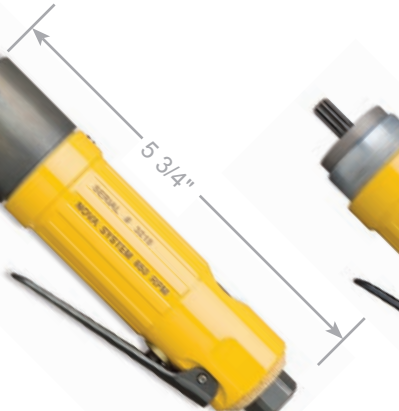
NOVA® 360° COMPACT ANGLE HEAD




PART #90-353
Weight .6 Lbs.
\$270.00 EACH




3000 RPM - .3 HP
Weight 1 Lb.
Part #90-004
\$130.00 Each



850 RPM - .3 HP
Weight 1.5 Lbs.
Part #90-004A
\$170.00 Each



6000 RPM - .3 HP
Weight 1 Lb.
Part #90-004B
\$130.00 Each



3200RPM - .5 HP
Weight 1.4 Lbs.
Part #90-029
\$140.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
360° Compact Angle Head with Compact 3000 RPM Motor	60-053	3000	24	1.6 Lbs.	\$400.00
360° Compact Angle Head with Compact High Torque 850 RPM Motor	60-053A	850	60	2.1 Lbs.	\$440.00
360° Compact Angle Head with Compact 6000 RPM Motor	60-053B	6000	22	1.6 Lbs.	\$400.00
360° Compact Angle Head with Compact 3200 RPM Motor	60-053C	3200	32	2 Lbs.	\$410.00



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NOVA® 90° COMPACT ANGLE HEAD



PART #90-351
Weight .4 Lbs.
\$165.00 EACH

NOVA® LONG REACH 90° COMPACT ANGLE HEAD



PART #90-355
Weight .6 Lbs.
\$200.00 EACH



3000 RPM - .3 HP
Weight 1 Lb.
Part #90-004
\$130.00 Each

850 RPM - .3 HP
Weight 1.5 Lbs.
Part #90-004A
\$170.00 Each

6000 RPM - .3 HP
Weight 1 Lb.
Part #90-004B
\$130.00 Each

3200RPM - .5 HP
Weight 1.4 Lbs.
Part #90-029
\$140.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Compact Angle Head with Compact 3000 RPM Motor	60-051	3000	24	1.4 Lbs.	\$295.00
90° Compact Angle Head with Compact High Torque 850 RPM Motor	60-051A	850	60	1.9 Lbs.	\$335.00
90° Compact Angle Head with Compact 6000 RPM Motor	60-051B	6000	22	1.4 Lbs.	\$295.00
90° Compact Angle Head with Compact 3200 RPM Motor	60-051C	3200	32	1.8 Lbs.	\$305.00



3000 RPM - .3 HP
Weight 1 Lb.
Part #90-004
\$130.00 Each

850 RPM - .3 HP
Weight 1.5 Lbs.
Part #90-004A
\$170.00 Each

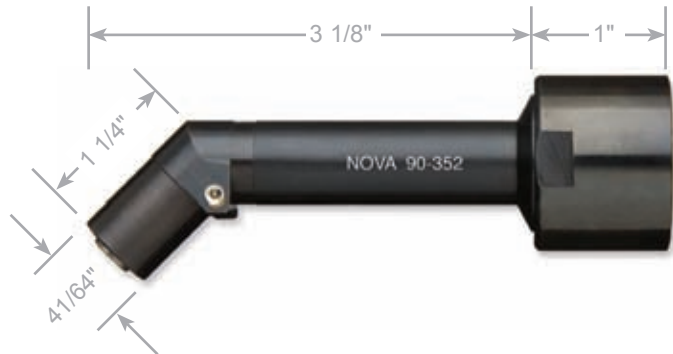
6000 RPM - .3 HP
Weight 1 Lb.
Part #90-004B
\$130.00 Each

3200RPM - .5 HP
Weight 1.4 Lbs.
Part #90-029
\$140.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
Long Reach 90° Compact Angle with Compact 3000 RPM Motor	60-058	3000	24	1.6 Lbs.	\$330.00
Long Reach 90° Compact Angle with Compact High Torque 850 RPM Motor	60-058A	850	60	2.1 Lbs.	\$370.00
Long Reach 90° Compact Angle with Compact 6000 RPM Motor	60-058B	6000	22	1.6 Lbs.	\$330.00
Long Reach 90° Compact Angle with Compact 3200 RPM Motor	60-058C	3200	32	2 Lbs.	\$340.00

NOVA® 45° COMPACT ANGLE HEAD



PART #90-352
Weight .4 Lbs.
\$200.00 EACH



3000 RPM - .3 HP
Weight 1 Lb.
Part #90-004
\$130.00 Each

850 RPM - .3 HP
Weight 1.5 Lbs.
Part #90-004A
\$170.00 Each

6000 RPM - .3 HP
Weight 1 Lb.
Part #90-004B
\$130.00 Each

3200RPM - .5 HP
Weight 1.4 Lbs.
Part #90-029
\$140.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
45° Compact Angle Head with Compact 3000 RPM Motor	60-052	3000	24	1.4 Lbs.	\$330.00
45° Compact Angle Head with Compact High Torque 850 RPM Motor	60-052A	850	60	1.9 Lbs.	\$370.00
45° Compact Angle Head with Compact 6000 RPM Motor	60-052B	6000	22	1.4 Lbs.	\$330.00
45° Compact Angle Head with Compact 3200 RPM Motor	60-052C	3200	32	1.8 Lbs.	\$340.00

NOVA® LONG REACH 45° COMPACT ANGLE HEAD



PART #90-356
Weight .7 Lbs.
\$215.00 EACH



3000 RPM - .3 HP
Weight 1 Lb.
Part #90-004
\$130.00 Each

850 RPM - .3 HP
Weight 1.5 Lbs.
Part #90-004A
\$170.00 Each

6000 RPM - .3 HP
Weight 1 Lb.
Part #90-004B
\$130.00 Each

3200RPM - .5 HP
Weight 1.4 Lbs.
Part #90-029
\$140.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
Long Reach 45° Compact Angle with Compact 3000 RPM Motor	60-059	3000	24	1.7 Lbs.	\$345.00
Long Reach 45° Compact Angle with Compact High Torque 850 RPM Motor	60-059A	850	60	2.2 Lbs.	\$385.00
Long Reach 45° Compact Angle with Compact 6000 RPM Motor	60-059B	6000	22	1.7 Lbs.	\$345.00
Long Reach 45° Compact Angle with Compact 3200 RPM Motor	60-059C	3200	32	2.1 Lbs.	\$355.00



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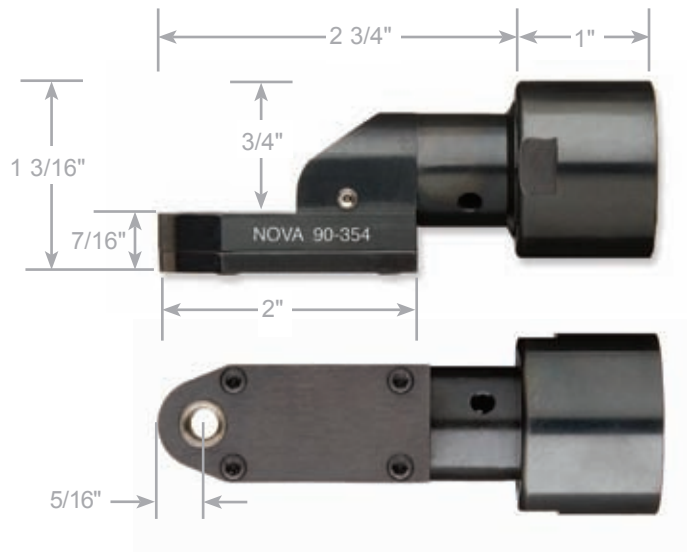


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NOVA® 90° COMPACT FLAT OFFSET ANGLE HEAD



PART #90-354
Weight .4 Lbs.
\$215.00 EACH



3000 RPM - .3 HP
Weight 1 Lb..
Part #90-004
\$130.00 Each

850 RPM - .3 HP
Weight 1.5 Lbs.
Part #90-004A
\$170.00 Each

6000 RPM - .3 HP
Weight 1 Lb.
Part #90-004B
\$130.00 Each

3200RPM - .5 HP
Weight 1.4 Lbs.
Part #90-029
\$140.00 Each

- Accepts 1/4-28 Threaded Angle Bits
 - Capacity: 1/4"
 - Rear Exhaust
 - Angle Head may be rotated 360° for superior operator control
 - Air Inlet 1/4-18 NPT
- Motor housing milled from solid bar for precision motor alignment
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life
 - Smooth quiet operation
 - One Year Warranty

COMPLETE NOVA® TOOL	PART NUMBER	RPM	IN.-LBS. TORQUE	WEIGHT	PRICE
90° Compact Flat Offset Angle with Compact 3000 RPM Motor	60-050	3000	24	1.4 Lbs.	\$345.00
90° Compact Flat Offset Angle with Compact High Torque 850 RPM Motor	60-050A	850	60	1.9 Lbs.	\$385.00
90° Compact Flat Offset Angle with Compact 6000 RPM Motor	60-050B	6000	22	1.4 Lbs.	\$345.00
90° Compact Flat Offset Angle with Compact 3200 RPM Motor	60-050C	3200	32	1.8 Lbs.	\$355.00

COMPACT NOVA® SYSTEM KIT 850, 3000, 3200 or 6000 RPM



Specify RPM Motor Housing
.3HP 850, 3000, or 6000 RPM
.5HP 3200 RPM

One Year Warranty

ATTACHMENT CHOICES

- Nova® 360° Compact Angle Head - Part #90-353 - p. 19
- Nova® 90° Compact Angle Head - Part #90-351 - p. 20
- Nova® Long Reach 90° Compact Angle Head - Part #90-355 - p. 21
- Nova® 45° Compact Angle Head - Part #90-352 - p. 22
- Nova® Long Reach 45° Compact Angle Head - Part #90-356 - p. 23
- Nova® 90° Compact Flat Offset Angle Head - Part #90-354 - p. 24

Motor Housing and Your Choice of Any 4 Attachments

3000 RPM - .3HP	Part #60-056	\$850.00
850 RPM - .3HP	Part #60-056A	\$890.00
6000 RPM - .3HP	Part #60-056B	\$850.00
3200 RPM - .5HP	Part #60-056C	\$860.00

Motor Housing and All 6 Attachments

3000 RPM - .3HP	Part #60-057	\$1200.00
850 RPM - .3HP	Part #60-057A	\$1240.00
6000 RPM - .3HP	Part #60-057B	\$1200.00
3200 RPM - .5HP	Part #60-057C	\$1210.00



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NOVA® PISTOL GRIP DRILLS

NOVA® COMPACT PISTOL GRIP DRILL



2600, 3200, 4000 or 5500 RPM

See Page 27

NOVA® .5 HORSEPOWER PISTOL GRIP DRILL



2400 RPM

See Page 28

NOVA® COMPACT HIGH TORQUE PISTOL GRIP DRILL



1300 or 650 RPM

See Page 29

NOVA® HIGH TORQUE PISTOL GRIP DRILL



900 RPM

See Page 30

NOVA® HEAVY DUTY REVERSIBLE 3/8 PISTOL GRIP DRILL



2000 RPM

See Page 31

NOVA® COMPACT REVERSIBLE DRILL



2000 or 3100 RPM

See Page 32

NOVA® COMPLETE MOTOR MOUNTED MICRO-STOP CAGE



2600, 3200 or 4000 RPM

See Page 33

NOVA® PISTOL GRIP DRILL CUT AWAY



- 1. Precision Chuck with 3/8-24 Thread
- 2. Close Case Bearings
- 3. Air Inlet 1/4-18 NPT
- 4. 360° Rotatable Exhaust with Bronze Muffler
- 5. Housing Milled from Solid Stock for Precision Operation
- 6. Feathering Trigger Allows Operator Complete Control of Drilling Speed
- 7. Hardened Alloy Gears

NOVA® COMPACT PISTOL GRIP DRILL 2600, 3200, 4000 or 5500 RPM



- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Smooth Quiet Operation
- Rubber Grip for Operator Comfort
- One Year Warranty

2600 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
Part #60-300
\$120.00 Each

4000 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
Part #60-310
\$120.00 Each

3200 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
Part #60-312
\$120.00 Each

5500 RPM with 1/4" Chuck and Key
Weight 1.5 Lbs.
Part #60-314
\$120.00 Each

2600 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
Part #60-300B
\$145.00 Each

4000 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
Part #60-310B
\$145.00 Each

3200 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
Part #60-312B
\$145.00 Each

5500 RPM with 1/4" Keyless Chuck
Weight 1.9 Lbs.
Part #60-314B
\$145.00 Each



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NOVA® 2400 RPM .5 HORSEPOWER PISTOL GRIP DRILL



- .5 HP Motor For Extended Torque
- Feathering Trigger Allows Operator Complete Control of Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Quiet Smooth Operation
- One Year Warranty

2400 RPM with 1/4" Chuck and Key
Weight 1.6 Lbs.
Part #60-600
\$127.00 Each

2400 RPM with 1/4" Keyless Chuck
Weight 2 Lbs.
Part #60-600A
\$142.00 Each

2400 RPM with 3/8" Chuck and Key
Weight 1.9 Lbs.
Part #60-600B
\$135.00 Each

2400 RPM with 3/8" Keyless Chuck
Weight 2.4 Lbs.
Part #60-600C
\$150.00 Each

NOVA® 1300 RPM HIGH TORQUE COMPACT PISTOL GRIP DRILL



- 60 In.-Lbs. Torque - 1300 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

1300 RPM with 1/4" Chuck and Key
Weight 1.9 Lbs.
Part #60-313
\$270.00 Each

1300 RPM with 1/4" Keyless Chuck
Weight 2.3 Lbs.
Part #60-313A
\$285.00 Each

1300 RPM with 3/8" Chuck and Key
Weight 2.2 Lbs.
Part #60-313B
\$280.00 Each

1300 RPM with 3/8" Keyless Chuck
Weight 2.7 Lbs.
Part #60-313C
\$295.00 Each

NOVA® 650 RPM HIGH TORQUE COMPACT PISTOL GRIP DRILL



- 70 In.-Lbs. Torque - 650 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

650 RPM with 1/4" Chuck and Key
Weight 1.9 Lbs.
Part #60-450
\$175.00 Each

650 RPM with 1/4" Keyless Chuck
Weight 2.3 Lbs.
Part #60-450A
\$190.00 Each

650 RPM with 3/8" Chuck and Key
Weight 2.2 Lbs.
Part #60-450B
\$185.00 Each

650 RPM with 3/8" Keyless Chuck
Weight 2.7 Lbs.
Part #60-450C
\$200.00 Each

NOVA® 900 RPM HIGH TORQUE PISTOL GRIP DRILL



- 95 In.-Lbs. Torque - 900 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

900 RPM with 3/8" Chuck and Key
Weight 2.5 Lbs.

Part #60-008B

\$185.00 Each

900 RPM with 1/4" Keyless Chuck
Weight 2.6 Lbs.

Part #60-008H

\$215.00 Each

900 RPM with 3/8" Keyless Chuck
Weight 2.9 Lbs.

Part #60-008K

\$235.00 Each

NOVA® 2000 RPM HEAVY DUTY REVERSIBLE 3/8" PISTOL GRIP DRILL



- Reversing Button Located for Superior Control
- 65 In.-Lbs. Torque - 2000 RPM
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

2000 RPM with 3/8" Chuck and Key
Weight 2.9 Lbs.

Part #70-100

\$240.00 Each



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NOVA® COMPACT REVERSING DRILL 2000 or 3100 RPM



- Reversing Button Located for Superior Control
- Feathering Trigger Allows Operator Complete Control of Drilling Speed
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

2000 RPM with 1/4" Chuck and Key
Weight 1.75 Lbs.
Part #60-300R
\$135.00 Each

3100 RPM with 1/4" Chuck and Key
Weight 1.75 Lbs.
Part #60-310R
\$135.00 Each

NOVA® COMPLETE MOTOR MOUNTED MICRO-STOP CAGE 2600, 3200 or 4000 RPM



- Feathering Trigger Allows Operator Complete Control of Speed
- For Precision Depth Control
- Air Inlet 1/4-18 NPT
- 360° Rotatable Exhaust
- Rubber Grip for Operator Comfort
- Smooth Quiet Operation
- One Year Warranty

2600 RPM Pistol Grip Drill
Weight 1.6 Lbs.
Part #19-369
\$145.00 Each

3200 RPM Pistol Grip Drill
Weight 1.6 Lbs.
Part #19-369A
\$145.00 Each

4000 RPM Pistol Grip Drill
Weight 1.6 Lbs.
Part #19-369B
\$145.00 Each

2600 RPM Pistol Grip Drill
Weight 1.6 Lbs.
Part #19-369N - with Nylon Foot Piece
\$155.00 Each

3200 RPM Pistol Grip Drill
Weight 1.6 Lbs.
Part #19-369AN - with Nylon Foot Piece
\$155.00 Each

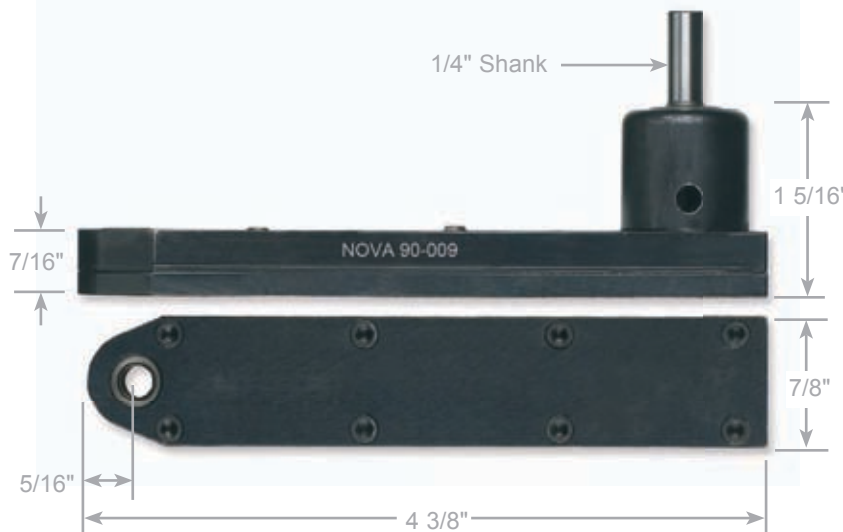
4000 RPM Pistol Grip Drill
Weight 1.6 Lbs.
Part #19-369BN - with Nylon Foot Piece
\$155.00 Each

NOVA® FLAT OFFSET ANGLE ATTACHMENTS



- Accepts 1/4-28 Bits
- Chuckable 1/4" Shank
- Grease Fitting for Lubrication
- Flat Offset Design for Easy Access
- One Year Warranty

PART #90-008
Weight .4 Lbs.
\$90.00 EACH



- Accepts 1/4-28 Bits
- Chuckable 1/4" Shank
- Grease Fitting for Lubrication
- Flat Offset Design for Easy Access
- One Year Warranty

PART #90-009
Weight .6 Lbs.
\$110.00 EACH



- Accepts 1/4-28 Bits
- Chuckable 1/4" Shank
- Grease Fitting for Lubrication
- Flat Offset Design for Easy Access
- One Year Warranty

PART #90-010
Weight .7 Lbs.
\$130.00 EACH

OPTIONAL ACCESSORIES



1/4-B Chuck with Key
• 3/8-24 Thread
• Weight .3 Lbs
Part #20-370
\$24.00 Each

"O" Series Chuck with Threaded Adapter and Key
Part #20-365
\$50.00 Each

Precision Miniature 3 Jaw Chuck
• Precision Ground Hardened Jaws
• Weight .8 Lbs
• 1/16" through 1/4" Drill Diameter Capacity
• Fits tools with 1/4-28 Spindle.
Part #20-379
\$30.00 Each

Micro-Stop Cage
• 1/4-28 Threaded Shaft
• 3/32" Shaft Travel
• 5/8" Cutter Capacity
• Rated at 3000 RPM
Part #19-362
\$15.00 Each

1/4-28 Threaded Chuck Adapter
Part #20-364
\$12.00 Each

1/4" Straight x 1/4-28 Adapter Pin
Part #20-366
\$12.00 Each

3/8" Chuck with Key
• 3/8-24 Thread
• Weight .6 Lbs
Part #20-371
\$30.00 Each

1/4" Keyless Chuck with Wrench
• 3/8-24 Thread
• Weight .7 Lbs
Part #20-375
\$41.00 Each

3/8" Keyless Chuck with Wrench
• Weight 1.1 Lbs
Part #20-380
\$50.00 Each

Swivel Air Regulator
• For Control of Speed and Torque
Part #60-123
\$12.00 Each

1/4" Straight Taper Adapter Pin
Part #20-377
\$12.00 Each

9/32 - 40 Threaded Collets
Other Size Available Upon Request



#40 Aircraft Collet
Part #30-181
\$8.50 Each



#30 Aircraft Collet
Part #30-182
\$8.50 Each



#21 Aircraft Collet
Part #30-183
\$8.50 Each



#10 Aircraft Collet
Part #30-192
\$8.50 Each

CLECO INSTALLATION TOOLS

NOVA® CLECO INSTALLATION TOOL

- Ergonomic Handle
- 360° Swivel Mount
- Pistol Grip
- Quiet Operation
- Air Inlet 1/4 NPT

Weight 1.6 Lbs.
Part #20-112
\$60.00 Each



NOVA® CLECO INSTALLATION TOOL EXTRA LONG

- Ergonomic Handle
- 360° Swivel Mount
- Pistol Grip
- Quiet Operation
- Air Inlet 1/4 NPT

Weight 1.9 Lbs.
PART #20-112XL
\$66.00 Each



NOVA® CLECO INSTALLATION TOOL

- Ergonomic Handle
- 360° Swivel Mount
- Straight Handle
- Quiet Operation
- 8' Polyurethane Load Hose
- Air Inlet 1/4 NPT

Weight .75 Lbs.
Part #20-109
\$50.00 Each



CLECO PLIERS WITH SOFT HANDLE

- Installs Cleco-Lok® C, CC, CL & CHD fasteners
- Installs Monogram® M, MM, ML, MEL & MHD fasteners
- Installs Kwik-Lok® K, KK, KT, KL, KEL & KHD fasteners
- Made from forged steel and nickel plated to resist wear and abuse.
- Pliers are compatible with all spring-loaded types of sheet metal clamps.

Part #20-108
\$5.50 Each



NOVA® HEX NUT CLECO INSTALLATION TOOL



- 2000 RPM
- Reversing Button Located for Superior Control
- Feathering Trigger Allows Operator Complete Control of Speed
- Air Inlet 1/4-18 NPT
- Maximum Air Pressure: 90 PSI
- Rubber Grip for Operator Comfort
- Quiet Smooth Operation
- One Year Warranty

Weight 2.1 Lbs.
Part #20-115
\$200.00 Each

Swivel Air Regulator Included*



Part #60-123
\$12.00 Each

* Also Sold Separately On Page 35



PAN AMERICAN TOOL CORPORATION

5990 NW 31st Avenue • Ft. Lauderdale, Florida 33309-2208
PHONE (954)735-8665 or 1-800-423-2764 • FAX (954)735-8668
www.panamericantool.com

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NOVA® 90° GRINDER



- Maximum Air Pressure: 90 PSI
- Standard Equipment Includes:
 - 1/4" Erikson Collet
 - Two Collet Wrenches
- Capacity:
 - 1/2" Diameter Carbide Burr
 - 1" Mounted Wheel
 - 3" Cut off Wheel
- Features:
 - .3 HP
 - Air Inlet: 1/4-18 NPT
 - Rear Exhaust
 - Motor housing milled from solid bar for precision motor alignment.
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life.
 - Smooth Quiet Operation

20,000 RPM
Weight 1.2 Lbs.
Part #60-036
\$150.00 Each

12,000 RPM
Weight 1.2 Lbs.
Part #60-036A
\$150.00 Each

NOVA® STRAIGHT GRINDER



- Maximum Air Pressure: 90 PSI
- Standard Equipment Includes:
 - 1/4" Erikson Collet
 - Two Collet Wrenches
- Capacity:
 - 1/2" Diameter Carbide Burr
 - 1" Mounted Wheel
 - 3" Cut off Wheel
- Features:
 - .3 HP
 - Air Inlet: 1/4-18 NPT
 - Rear Exhaust
 - Motor housing milled from solid bar for precision motor alignment.
 - Motor cylinder and rotor are hardened alloy steel to ensure proper alignment and long life.
 - Smooth Quiet Operation

25,000 RPM
Weight .75 Lbs.
Part #60-035
\$125.00 Each

NOVA® PENCIL GRINDER

- 60,000 RPM
- 1/8" Collet
- Hardened Alloy Steel Cylinder
- Rear Exhaust With Over Hose Muffler
- Motor housing milled from solid Aluminum bar for precision motor alignment

- Maximum Air Pressure 90 PSI
- Includes Two Wrenches, Hose, and Air Fitting
- Smooth Quiet Operation

Weight 7.5 Oz.
Part #60-405
\$140.00 Each



ENGRAVING PEN

Part #36-515
\$50.00 Each



STYLUS

Part #36-518
\$16.00 Each

