

The image features two precision-machined metal tools against a dark blue background. The tool in the foreground is a long, cylindrical assembly with several hexagonal sections and a threaded end. The tool in the background is shorter and has a more complex, multi-faceted design. The lighting highlights the metallic textures and sharp edges of the tools.

ZEPHYR[®]

T O O L

LOK-FAST

AEROSPACE FASTENER TOOLS

BLIND FASTENER TOOLS

Visu-Lok® Tooling

Pneumatic Pistol, Master Torque Driver	4
Pneumatic Pistol, Drill-Out Assembly	5
Pneumatic, Right Angle Torque Responsive Assembly	6
Pneumatic, Right Angle Standard Assembly	7
Pneumatic, Right Angle Close Quarter Assembly	8
Hand Tool, Ratchet Assembly	9
Hand Tool, Close Quarter Assembly	10
Hand Tool, Torque Adapters	11
Hand Tool, Drill-Out Assembly	11
Break-Off Gauges	12
Grip Scales	13

Composi-Lok® Tooling

Pneumatic, Pistol Master Torque Driver Assembly	16
Pneumatic, Right Angle Master Torque Driver Assembly	17
Pneumatic, Right Angle Close Quarter Assembly	18
Hand Tool, Ratchet Assembly	19
Hand Tool, Close Quarter Assembly	20
Hand Torque Adapters	21
Hand Drill out Assembly	21
Break-Off Gauges	22
Grip Scales	23

Visu-Lok II® Tooling

Introduction.....	26
Drivenut Interchangeability	27
Pneumatic Pistol Driver Assembly.....	28
Pneumatic, Right Angle Standard Assembly.....	29
Pneumatic, Right Angle Torque Responsive Assembly.....	30
Pneumatic, Right Angle Torque Responsive Integrated	31
Pneumatic, Right Angle Close Quarter Assembly.....	32
Hand Tool, Standard Ratchet Assembly.....	33
Hand Tool, Close Quarter Ratchet Assembly.....	34
Grip Scales	35

Composi-Lok II® Tools

Introduction	38-39
Pneumatic Pistol Driver Assembly	40
Pneumatic, Right Angle Standard Assembly	41
Pneumatic, Right Angle Torque Responsive Assembly	42
Pneumatic, Right Angle Torque Responsive w/ Integrated Torque Driver	43
Pneumatic, Right Angle Close Quarter Driver Assembly	44
Hand Tool, Standard Ratchet Assembly	45
Hand Tool, Close Quarter Ratchet Assembly	46
Grip Scales	47

Jo-Bolt Kits

4000Kit (Visu-Lok Ratchet Hand Tool)	50
4060Kit (Composi-Lok Right Angle MTDA)	51
4070Kit (Visu-Lok Right Angle MTDA)	52
4080Kit (Composi-Lok Pistol MTDA)	53
4090Kit (Visu-Lok Pistol MTDA)	54
CLHK-101 (Composi-Lok Hand Tool Kit)	55
CLIIHK-101 (Composi-Lok Hand Tool Kit)	55
VLHK-101 (Visu-Lok Hand Tool Kit)	56
VLHK-102 (Visu-Lok Hand Tool Kit)	56

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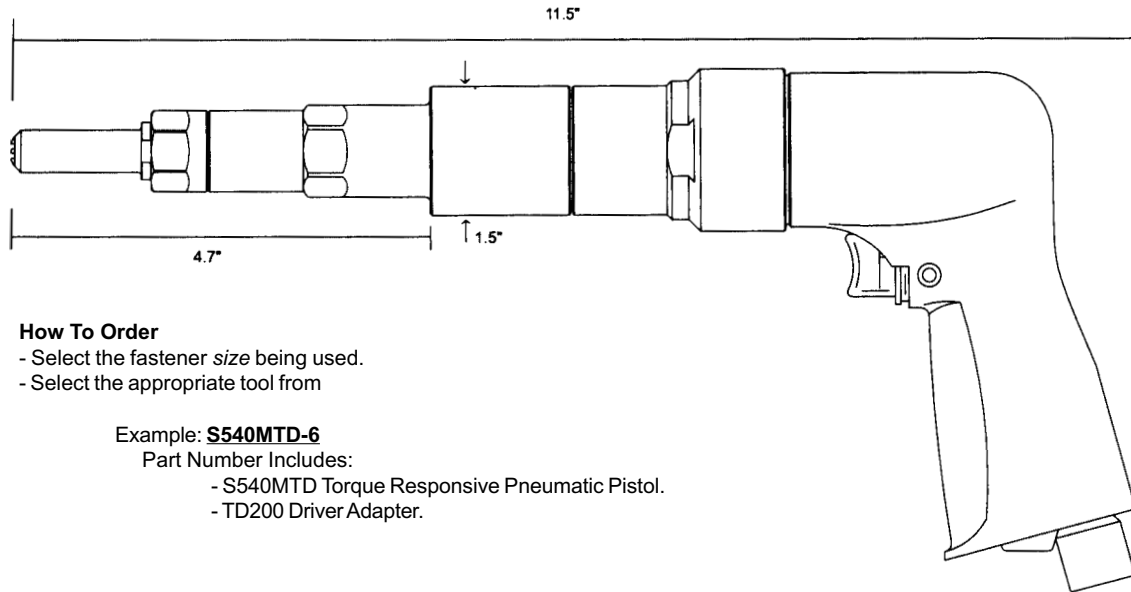
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Visu-Lok

Blind Fastener Tools

Master Torque Driver



How To Order

- Select the fastener size being used.
- Select the appropriate tool from

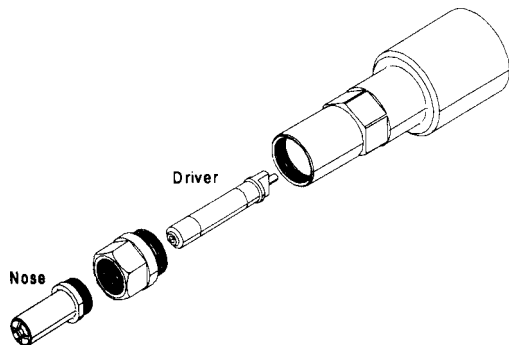
Example: **S540MTD-6**

Part Number Includes:

- S540MTD Torque Responsive Pneumatic Pistol.
- TD200 Driver Adapter.

Pin Dia	Visu-Lok Series	Pneumatic Pistol	Driver Adapter	Nose	Driver
5/32	flush - 5	S540MTD-5	TD165	PW3652	TD1651
3/16	flush - 6	S540MTD-6	TD200	PW3002	TD2001
1/4	flush - 8	S540MTD-8	TD260	PW3602	TD2601
5/16	flush - 10	S540MTD-10	TD312	PW3122	TD3121
3/8	flush - 12	S540MTD-12	PT375	PT3752	PT3751
5/32	protruding - 5	S540MTD-5P	TD165P	PW3652P	TD1651
3/16	protruding - 6	S540MTD-6P	TD200P	PW3002P	TD2001
1/4	protruding - 8	S540MTD-8P	TD260P	PW3602P	TD2601
5/16	protruding - 10	S540MTD-10P	TD312P	PW3122P	TD3121
3/8	protruding - 12	S540MTD-12P	PT375P	PW3752P	PT3751
5/32	millable - 5	S540MTD-5A	TD165A	PW3652A	TD1651
3/16	millable - 6	S540MTD-6A	TD200A	PW3002A	TD2001
1/4	millable - 8	S540MTD-8A	TD260A	PW3602A	TD2601
5/32	reduced flush - 5	S540MTD-5T	TD165T	PW3652T	TD1651
3/16	reduced flush - 6	S540MTD-6T	TD200T	PW3002T	TD2001
1/4	reduced flush - 8	S540MTD-8T	TD260T	PW3602T	TD2601
5/16	reduced flush - 10	S540MTD-10T	TD312T	PW3122T	TD3121
3/8	reduced flush - 12	S540MTD-12T	PT375T	PT3752T	PT3751

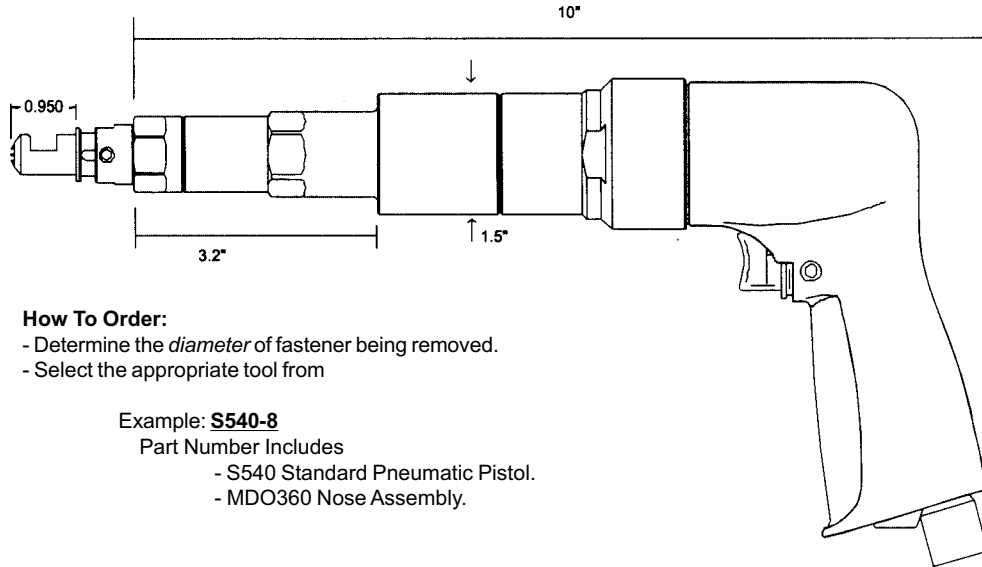
* Driver Adapter contains both the Nose and Driver



Technical Data

Operating Pressure	90 PSI
Torque Output	32.5 lbs
Stall Torque	32.5 lbs
Motor Speed	540 rpm
Air Consumption (at free speed)	28 cfm
Horse Power Rating	0.7
Weight	3.5lb

Pneumatic Drill-Out



How To Order:

- Determine the *diameter* of fastener being removed.
- Select the appropriate tool from

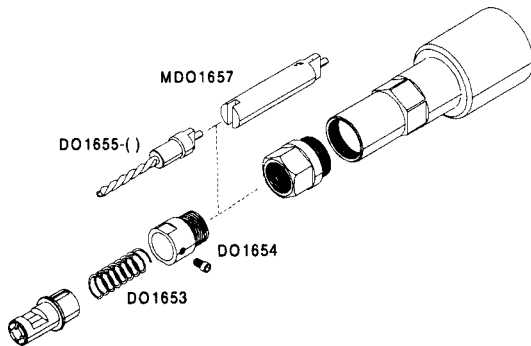
Example: **S540-8**

Part Number Includes

- S540 Standard Pneumatic Pistol.
- MDO360 Nose Assembly.

Dia	Visu-Lok Series	Complete Assy	Drill-Out Assy	Nose	Drill
5/32	flush - 5	S540-5	MDO365	DO1652	DO1655-5
3/16	flush - 6	S540-6	MDO300	DO2002	DO1655-6
1/4	flush - 8	S540-8	MDO360	DO2602	DO1655-8
5/16	flush - 10	S540-10	MDO312	DO3122	DO1655-10
3/8	flush - 12	S540-12	MDO375	DO3752	DO1655-12
5/32	protruding - 5	S540-5P	MDO365P	DO1652P	DO1655-5
3/16	protruding - 6	S540-6P	MDO300P	DO2002P	DO1655-6
1/4	protruding - 8	S540-8P	MDO360P	DO2602P	DO1655-8
5/16	protruding - 10	S540-10P	MDO312P	DO3122P	DO1655-10
3/8	protruding - 12	S540-12P	MDO375P	DO3752P	DO1655-12
5/32	millable - 5	S540-5A	MDO365A	DO1652A	DO1655-5
3/16	millable - 6	S540-6A	MDO300A	DO2002A	DO1655-6
1/4	millable - 8	S540-8A	MDO360A	DO2602A	DO1655-8
5/32	reduced flush - 5	S540-5T	MDO365T	DO1652T	DO1655-5
3/16	reduced flush - 6	S540-6T	MDO300T	DO2002T	DO1655-6
1/4	reduced flush - 8	S540-8T	MDO360T	DO2602T	DO1655-8
5/16	reduced flush - 10	S540-10T	MDO312T	DO3122T	DO1655-10
3/8	reduced flush - 12	S540-12T	MDO375T	DO3752T	DO1655-12

*Drill out Assembly contains both the Nose and Driver



Technical Data

Operating Pressure	90 PSI
Torque Output	32.5 lbs
Stall Torque	32.5 lbs
Motor Speed	540 rpm
Air Consumption	28 cfm
(at free speed)	
Horse Power Rating	0.7
Weight	3.5lb

Torque Responsive Adapter



How To Order

- Select the fastener size being used.
- Select the appropriate tool from Table below

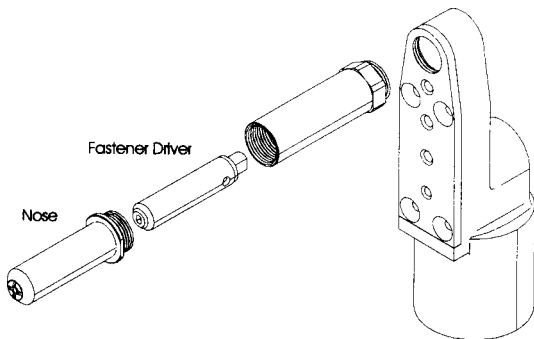
Example: 7440M-6

Part Number Includes

- 7440M Pneumatic Right Angle Motor.
- PT400 Driver Assembly.

Dia.	Visu-Lok Series	Pneumatic Assembly	Driver Assy	Nose	Driver
5/32	flush - 5	7440M-5	PT465	PT4652	PT4651
3/16	flush - 6	7440M-6	PT400	PT4002	PT4001
1/4	flush - 8	7440M-8	PT460	PT4602	PT4601
5/32	protruding - 5	7440M-5P	PT465P	PT4652P	PT4651
3/16	protruding - 6	7440M-6P	PT400P	PT4002P	PT4001
1/4	protruding - 8	7440M-8P	PT460P	PT4602P	PT4601
5/32	millable - 5	7440M-5A	PT465A	PT4652A	PT4651
3/16	millable - 6	7440M-6A	PT400A	PT4002A	PT4001
1/4	millable - 8	7440M-8A	PT460A	PT4602A	PT4601
5/32	reduced flush - 5	7440M-5T	PT465T	PT4652T	PT4651
3/16	reduced flush - 6	7440M-6T	PT400T	PT4002T	PT4001
1/4	reduced flush - 8	7440M-8T	PT460T	PT4602T	PT4601

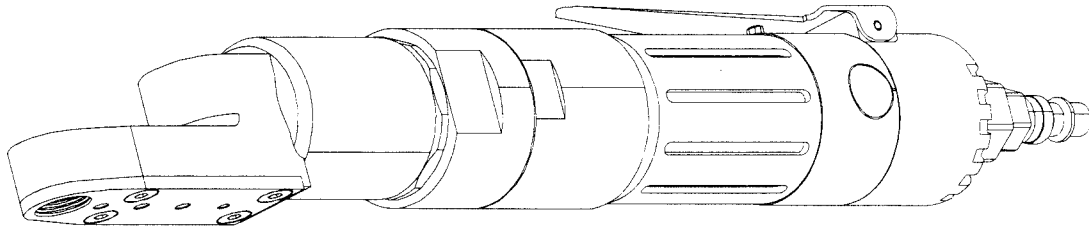
*Driver Assembly contains both the Nose and Driver



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5lb

Standard Assembly



How To Order

- Select the fastener size being used.
- Select the appropriate tool from Table below

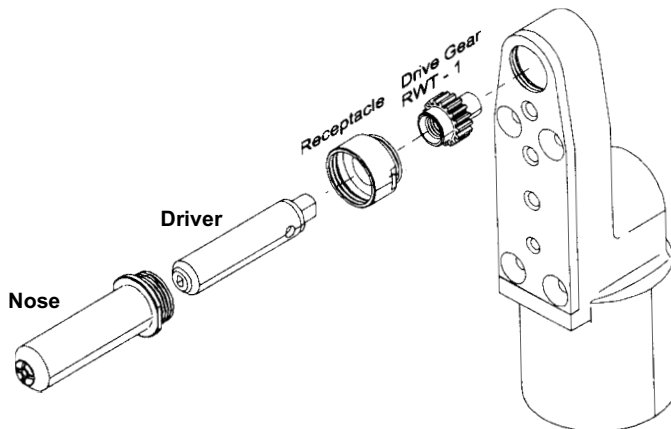
Example: **7440-5**

Part Number Includes

- 7440 Pneumatic Right Angle Motor.
- PW465 Driver Assembly.

Dia.	Visu-Lok Series	Pneumatic Driver	Driver Assy	Nose	Driver
5/32	flush - 5	7440-5	PW465	PW3652	PW4651
3/16	flush - 6	7440-6	PW400	PW3002	PW4001
1/4	flush - 8	7440-8	PW460	PW3602	PW4601
5/32	protruding - 5	7440-5P	PW465P	PW3652P	PW4651
3/16	protruding - 6	7440-6P	PW400P	PW3002P	PW4001
1/4	protruding - 8	7440-8P	PW460P	PW3602P	PW4601
5/32	millable - 5	7440-5A	PW465A	PW3652A	PW4651
3/16	millable - 6	7440-6A	PW400A	PW3002A	PW4001
1/4	millable - 8	7440-8A	PW460A	PW3602A	PW4601
5/32	reduced flush - 5	7440-5T	PW465T	PW3652T	PW4651
3/16	reduced flush - 6	7440-6T	PW400T	PW3002T	PW4001
1/4	reduced flush - 8	7440-8T	PW460T	PW3602T	PW4601

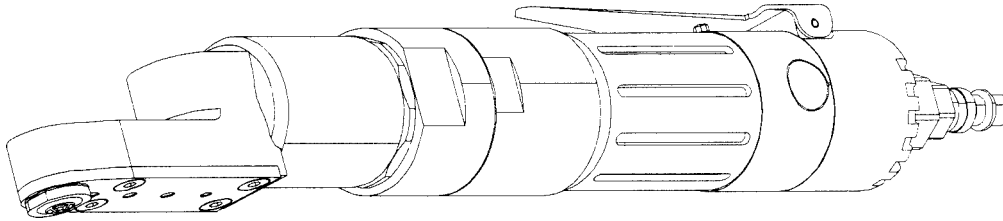
*Driver Assembly contains both the Nose and Driver



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5lb

Pneumatic Close Quarter



How To Order

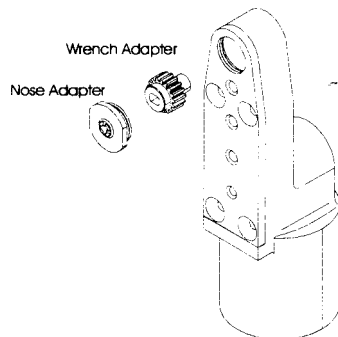
- Select the fastener size being used.
- Select the appropriate tool from Table below

Example: 7440C-5

Part Number Includes

- 7440C Pneumatic Right Angle Close Quarters Motor.
- 41165 Nose Tip.
- RW5-1 Drive Gear.

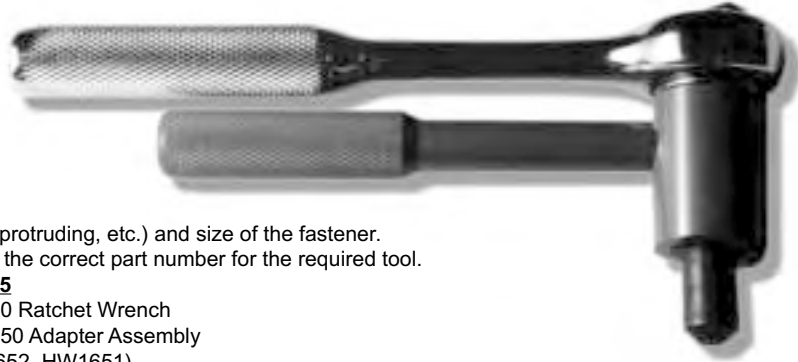
Dia.	Visu-Lok Series	Pneumatic Driver	Drive Gear	Nose Tip
5/32	flush - 5	7440C-5	RW5-1	41165
3/16	flush - 6	7440C-6	RW6-1	41200
1/4	flush - 8	7440C-8	RW8-1	41260
5/32	protruding - 5	7440C-5P	RW5-1	41165P
3/16	protruding - 6	7440C-6P	RW6-1	41200P
1/4	protruding - 8	7440C-8P	RW8-1	41260P
5/32	millable - 5	7440C-5A	RW5-1	41165A
3/16	millable - 6	7440C-6A	RW6-1	41200A
1/4	millable - 8	7440C-8A	RW8-1	41260A
5/32	reduced flush - 5	7440C-5T	RW5-1	41165T
3/16	reduced flush - 6	7440C-6T	RW6-1	41200T
1/4	reduced flush - 8	7440C-8T	RW8-1	41260T



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5lb

Ratchet Hand Tool



How To Order:

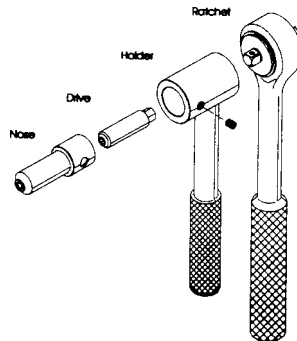
- Determine the type (flush, protruding, etc.) and size of the fastener.
- Refer to the table to select the correct part number for the required tool.

Example: **HWF165**

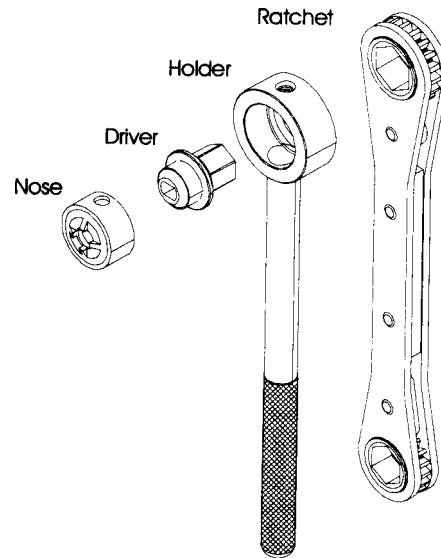
- HW300 Ratchet Wrench
- HW1650 Adapter Assembly
 (HW1652, HW1651)

Dia.	Visu-Lok Series	Complete Assembly	Driver Assembly	Nose	Wrench Driver
5/32	flush - 5	HWF165	HW1650	HW1652	HW1651
3/16	flush - 6	HWF200	HW2000	HW2002	HW2001
1/4	flush - 8	HWF260	HW2600	HW2602	HW2601
5/16	flush - 10	HWF312	HW3120	HW3122	HW3121
3/8	flush - 12	HWF375	HW3750	HW3752	HW3751
5/32	protruding - 5	HWP165	HW1650P	HW1652P	HW1651
3/16	protruding - 6	HWP200	HW2000P	HW2002P	HW2001
1/4	protruding - 8	HWP260	HW2600P	HW2602P	HW2601
5/16	protruding - 10	HWP312	HW3120P	HW3122P	HW3121
3/8	protruding - 12	HWP375	HW3750P	HW3752P	HW3751
5/32	millable - 5	HWA165	HW1650A	HW1652A	HW1651
3/16	millable - 6	HWA200	HW2000A	HW2002A	HW2001
1/4	millable - 8	HWA260	HW2600A	HW2602A	HW2601
5/32	reduced flush - 5	HWT165	HW1650T	HW1652T	HW1651
3/16	reduced flush - 6	HWT200	HW2000T	HW2002T	HW2001
1/4	reduced flush - 8	HWT260	HW2600T	HW2602T	HW2601
5/16	reduced flush - 10	HWT312	HW3120T	HW3122T	HW3121
3/8	reduced flush - 12	HWT375	HW3750T	HW3752T	HW3751

*Driver Assembly contains both the Nose and Driver



Close Quarter Hand Tool



How To Order:

- Select the fastener size.
- Refer to the table to select the correct part number for tool.

Example: **HWF5**

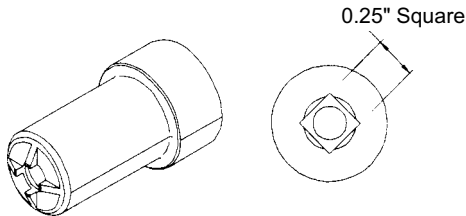
- HW101 Ratchet
- HW102 Handle
- HN5 Nose
- HW5 Drive

Dia.	Visu-Lok Series	Complete Assembly	Drive	Nose	Ratchet	Holder
5/32	flush - 5	HWF5	HW5	HN5	HW101	HW102
3/16	flush - 6	HWF6	HW6	HN6		
1/4	flush - 8	HWF8	HW8	HN8		
5/16	flush - 10	HWF10	HW10	HN10	HW401	HW402
3/8	flush - 12	HWF12	HW12	HN12		
5/32	protruding - 5	HWP5	HW5	HN5P	HW101	HW102
3/16	protruding - 6	HWP6	HW6	HN6P		
1/4	protruding - 8	HWP8	HW8	HN8P		
5/16	protruding - 10	HWP10	HW10	HN10P	HW401	HW402
3/8	protruding - 12	HWP12	HW12	HN12P		
5/32	millable - 5	HWA5	HW5	HN5A	HW101	HW102
3/16	millable - 6	HWA6	HW6	HN6A		
1/4	millable - 8	HWA8	HW8	HN8A	HW401	HW402
5/32	reduced flush - 5	HWT5	HW5	HN5T	HW101	HW102
3/16	reduced flush - 6	HWT6	HW6	HN6T		
1/4	reduced flush - 8	HWT8	HW8	HN8T		
5/16	reduced flush - 10	HWT10	HW10	HN10T	HW401	HW402
3/8	reduced flush - 12	HWT12	HW12	HN12T		

Torque Adapter

How To Order:

- Select the fastener *size* being used.
- Select the appropriate tool part number from the table



Dia.	Visu-Lok Series	Toque Adapter	Torque (in. lbs.)
5/32	flush - 5	TOR1652	4.00
3/16	flush - 6	TOR2002	6.00
1/4	flush - 8	TOR2602	10.00
5/16	flush - 10	TOR3122	20.00
3/8	flush - 12	TOR3752	30.00
5/32	protruding - 5	TOR1652P	4.00
3/16	protruding - 6	TOR2002P	6.00
1/4	protruding - 8	TOR2602P	10.00
5/16	protruding - 10	TOR3122P	20.00
3/8	protruding - 12	TOR3752P	30.00
5/32	millable - 5	TOR1652A	4.00
3/16	millable - 6	TOR2002A	6.00
1/4	millable - 8	TOR2602A	10.00
5/32	reduced flush - 5	TOR1652T	4.00
3/16	reduced flush - 6	TOR2002T	6.00
1/4	reduced flush - 8	TOR2602T	10.00
5/16	reduced flush - 10	TOR3122T	20.00
3/8	reduced flush - 12	TOR3752T	30.00

Hand Drill-Out

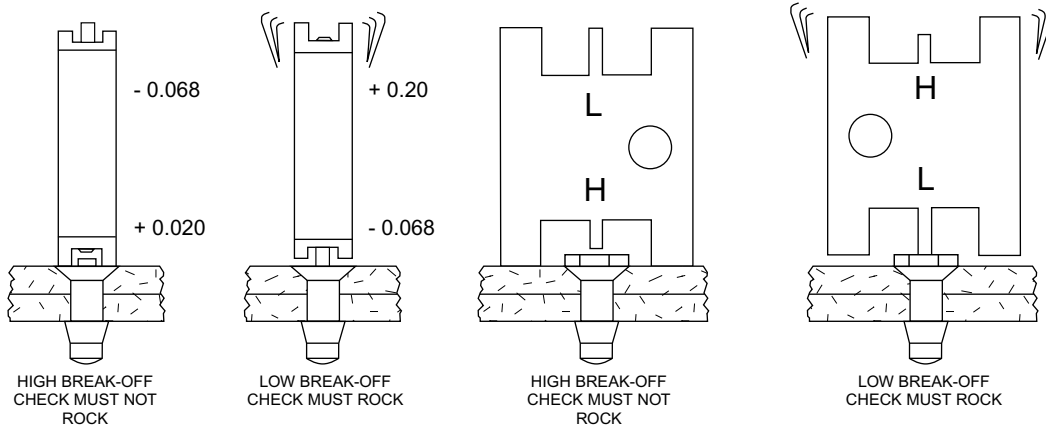
How To Order:

- Select the fastener *size* being used.
- Select the appropriate tool part number from the table



Dia.	Visu-Lok Series	Hand Drill Out	Drill Size
5/32	flush - 5	HDO1652	9/64
3/16	flush - 6	HDO2002	5/32
1/4	flush - 8	HDO2602	13/64
5/16	flush - 10	HDO3122	1/4
3/8	flush - 12	HDO3752	9/3
5/32	protruding - 5	HDO1652P	9/64
3/16	protruding - 6	HDO2002P	5/32
1/4	protruding - 8	HDO2602P	13/64
5/16	protruding - 10	HDO3122P	1/4
3/8	protruding - 12	HDO3752P	9/3
5/32	millable - 5	HDO1652A	9/64
3/16	millable - 6	HDO2002A	5/32
1/4	millable - 8	HDO2602A	13/64
5/32	reduced flush - 5	HDO1652T	9/64
3/16	reduced flush - 6	HDO2002T	5/32
1/4	reduced flush - 8	HDO2602T	13/64
5/16	reduced flush - 10	HDO3122T	1/4
3/8	reduced flush - 12	HDO3752T	9/3

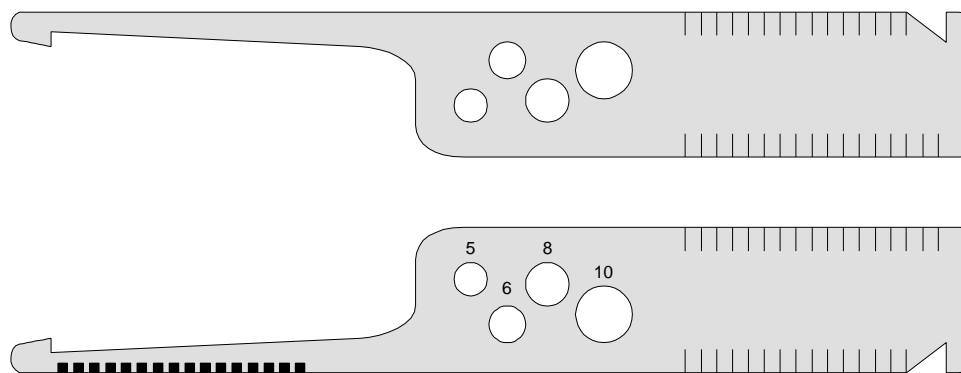
Visu-Lok Break-Off Gauges



Visu-Lok Series	Leaf Gauges	Break-Off Limits	Round Gauges	Break-Off Limits	Jo-Bolt Series
PLT210-5	3P5	+0.088 / +.000	-	-	-
PLT210-6	3P6	+0.098 / +.010	4P6	-0.005 / -.103	P/PO 200
PLT210-8	3P8	+0.135 / +.047	4P8	+0.010 / -.088	P/PO 260
PLT210-10	3P10	+0.146 / +.043	4P10	-0.004 / -.117	P/PO 312
PLT210-12	3P12	+0.152 / +.049	4P12	-0.028 / -.141	P/PO 375
PLT110-5	3F5	+0.020 / -.068	4F5	+0.020 / -.068	-
PLT110-6	3F6	+0.015 / -.073	4F6	+0.015 / -.073	-
PLT110-8	3F8	+0.010 / -.078	4F8	+0.010 / -.078	-
PLT110-10	3F10	+0.010 / -.083	4F10	+0.010 / -.083	-
PLT110-12	3F12	+0.010 / -.093	4F12	+0.010 / -.093	-
PLT220-5	A3P5	+0.088 / +.000	-	-	-
PLT220-6	A3P6	+0.103 / +.015	-	-	-
PLT220-8	A3P8	+0.130 / +.032	-	-	-
PLT220-10	A3P10	+0.130 / +.027	-	-	-
PLT220-12	A3P12	+0.130 / +.027	-	-	-
PLT120-5	-	-	A4F5-LS	+0.082 / -.006	-
PLT120-6	-	-	A4F6-LS	+0.072 / -.016	-
PLT120-8	-	-	A4F8-LS	+0.072 / -.026	-
PLT120-10	-	-	A4F10-LS	+0.072 / -.031	-
PLT120-12	-	-	A4F12-LS	+0.072 / -.031	-
PLT130-5	3P5	+0.088 / +.000	-	-	-
PLT130-6	3P6	+0.098 / +.010	4FA6	+0.025 / -.069	SHFA/FAO 200
PLT130-8	3P8	+0.098 / +.010	4FA8	+0.026 / -.069	SHFA/FAO 260
PLT230-5	3P5	+0.088 / +.000	-	-	-
PLT230-6	3PA6	+0.103 / +.015	-	-	-
PLT230-8	3P8	+0.135 / +.047	-	-	-
PLT1058-5	-	-	LF5-F5	+0.088 / +.000	-
PLT1058-6	-	-	LF5-F5	+0.088 / +.000	-
PLT1058-8	-	-	LF5-F8	+0.098 / +.000	-
PLT1058-10	-	-	LF5-F10	+0.103 / +.000	-
PLT1058-12	-	-	LF5-F10	+0.103 / +.000	-

**Visu-Lok
Grip Scales**

Grip Scale Part #: LFVLG-1



Selection of Grip Length

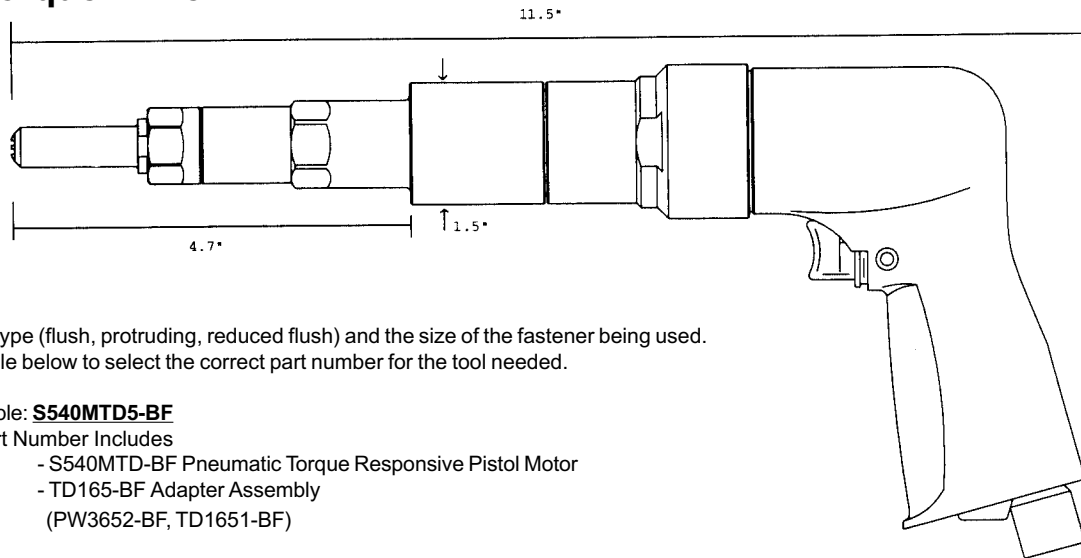
In measuring hole depth take reading where the skin surface meets the number or line on gauge. If directly on a line use either the indicated grip or the next longer grip.

In cases where there a tapered sheet condition exists, determine grip length at the hole centerline. The taper must not exceed 7° to ensure the proper performance of the fastener.

Composi-Lok

Blind Fastener Tools

Composi-Lok Master Torque Driver



How To Order:

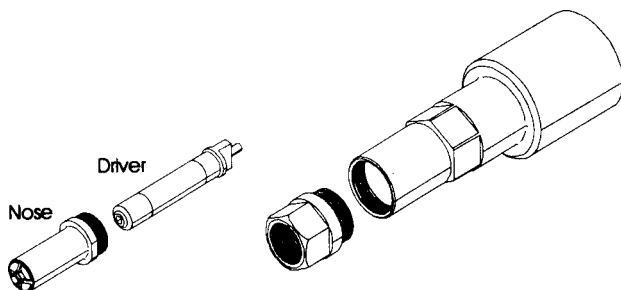
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **S540MTD5-BF**

Part Number Includes

- S540MTD-BF Pneumatic Torque Responsive Pistol Motor
- TD165-BF Adapter Assembly
(PW3652-BF, TD1651-BF)

Dia.	Composi-Lok Series	Complete Assembly	Adapter Assembly	Driver	Nose
5/32	flush - 5	S540MTD5 - BF	TD165 - BF	TD1651 -BF	PW3652 - BF
3/16	flush - 6	S540MTD6 - BF	TD200 - BF	TD2001 - BF	PW3002 - BF
7/32	flush - 7	S540MTD7 - BF	TD220 - BF	TD7 - BF	PW7F - BF
1/4	flush - 8	S540MTD8 - BF	TD260 - BF	TD2601 - BF	PW3602 - BF
9/32	flush - 9	S540MTD9 - BF	PT280 - BF	PT9 - BF	PT9F - BF
5/16	flush - 10	S540MTD10 - BF	PT312 - BF	PT10 - BF	PT10F - BF
11/32	flush - 11	S540MTD11 - BF	PT340 - BF	PT11 - BF	PT11F - BF
3/8	flush - 12	S540MTD12 - BF	PT375 - BF	PT12 - BF	PT12F - BF
5/32	protruding - 5	S540MTD5P - BF	TD165P - BF	TD1651 -BF	PW3652P - BF
3/16	protruding - 6	S540MTD6P - BF	TD200P - BF	TD2001 - BF	PW3002P - BF
7/32	protruding - 7	S540MTD7P - BF	TD220P - BF	TD7 - BF	PW7P - BF
1/4	protruding - 8	S540MTD8P - BF	TD260P - BF	TD2601 - BF	PW3602P - BF
9/32	protruding - 9	S540MTD9P - BF	PT280P - BF	PT9 - BF	PT9P - BF
5/16	protruding - 10	S540MTD10P - BF	PT312P - BF	PT10 - BF	PT10P - BF
11/32	protruding - 11	S540MTD11P - BF	PT340P - BF	PT11 - BF	PT11P - BF
3/8	protruding - 12	S540MTD12P - BF	PT375P - BF	PT12 - BF	PT12P - BF
5/32	reduced flush - 5	S540MTD5T-BF	TD165T-BF	TD1651-BF	PW3652T-BF
3/16	reduced flush - 6	S540MTD6T-BF	TD200T-BF	TD2001-BF	PW3002T-BF
7/32	reduced flush - 7	S540MTD7T-BF	TD220T-BF	TD7-BF	PW7FT-BF
1/4	reduced flush - 8	S540MTD8T-BF	TD260T-BF	TD2601-BF	PW3602T-BF
9/32	reduced flush - 9	S540MTD9T-BF	PT280T-BF	PT9-BF	PT9FT-BF
5/16	reduced flush - 10	S540MTD10T-BF	PT312T-BF	PT10-BF	PT10FT-BF
11/32	reduced flush - 11	S540MTD11T-BF	PT340T-BF	PT11-BF	PT11FT-BF
3/8	reduced flush - 12	S540MTD12T-BF	PT375T-BF	PT12-BF	PT12FT-BF



Technical Data

Operating Pressure	90 PSI
Torque Output	32.5 lbs
Stall Torque	32.5 lbs
Motor Speed	540 rpm
Air Consumption (at free speed)	28 cfm
Horse Power Rating	0.7
Weight	3.5lb

Composi-Lok Right Angle Master Torque Driver



How To Order:

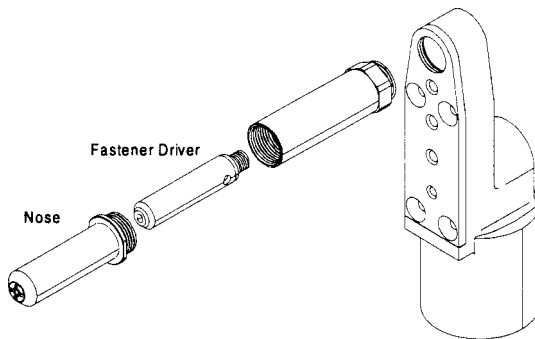
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **7440M5-BF**

Part Number Includes

- 7440M Torque Responsive Pneumatic Wrench Motor
- TD565-BF Adapter Assembly
 (TD5652-BF, TD5651-BF)

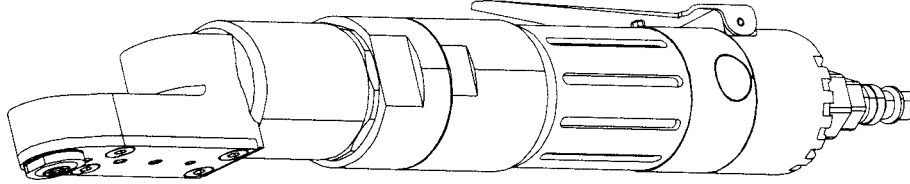
Dia.	Composi-Lok Series	Complete Assembly	Adapter Assembly	Wrench Driver	Nose Adapter
5/32	flush - 5	7440M5 - BF	TD565 - BF	TD5651 - BF	TD5652 - BF
3/16	flush - 6	7440M6 - BF	TD500 - BF	TD5001 - BF	TD5002 - BF
7/32	flush - 7	7440M7 - BF	TD520 - BF	TD5201 - BF	TD5202 - BF
1/4	flush - 8	7440M8 - BF	TD560 - BF	TD5601 - BF	TD5602 - BF
5/32	protruding - 5	7440M5P - BF	TD565P - BF	TD5651 - BF	TD5652P - BF
3/16	protruding - 6	7440M6P - BF	TD500P - BF	TD5001 - BF	TD5002P - BF
7/32	protruding - 7	7440M7P - BF	TD520P - BF	TD5201 - BF	TD5202P - BF
1/4	protruding - 8	7440M8P - BF	TD560P - BF	TD5601 - BF	TD5602P - BF
5/32	reduced flush - 5	7440M5T - BF	TD565T-BF	TD5651-BF	TD5652T-BF
3/16	reduced flush - 6	7440M6T - BF	TD500T-BF	TD5001-BF	TD5002T-BF
7/32	reduced flush - 7	7440M7T - BF	TD520T-BF	TD5201-BF	TD5202T-BF
1/4	reduced flush - 8	7440M8T - BF	TD560T-BF	TD5601-BF	TD5602T-BF



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5lb

**Composi-Lok
Right Angle Close Quarter**



How To Order:

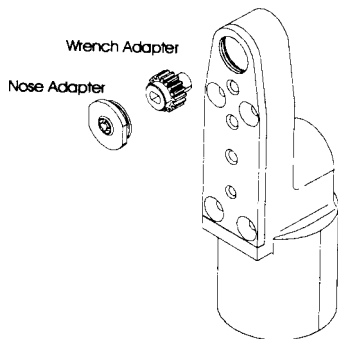
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **7440C5-BF**

Part Number Includes

- 7440C Close Quarters Pneumatic Motor
- 41165-BF Nose Adapter
- RW5-1-BF Wrench Adapter

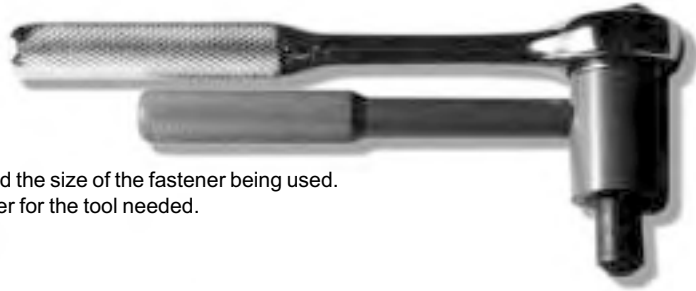
Dia.	Composi-Lok Series	Complete Assembly	Drive Gear	Nose
5/32	flush - 5	7440C5 - BF	RW5-1-BF	41165 - BF
3/16	flush - 6	7440C6 - BF	RW6-1-BF	41200 - BF
7/32	flush - 7	7440C7 - BF	RW7-1-BF	41220 - BF
1/4	flush - 8	7440C8 - BF	RW8-1-BF	41260 - BF
5/32	protruding - 5	7440C5P - BF	RW5-1-BF	41165P - BF
3/16	protruding - 6	7440C6P - BF	RW6-1-BF	41200P - BF
7/32	protruding - 7	7440C7P - BF	RW7-1-BF	41220P - BF
1/4	protruding - 8	7440C8P - BF	RW8-1-BF	41260P - BF
5/32	reduced flush - 5	7440C5T - BF	RW5-1-BF	41165T-BF
3/16	reduced flush - 6	7440C6T - BF	RW6-1-BF	41200T-BF
7/32	reduced flush - 7	7440C7T - BF	RW7-1-BF	41220T-BF
1/4	reduced flush - 8	7440C8T - BF	RW8-1-BF	41260T-BF



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5lb

Composi-Lok Ratchet Hand Tool



How To Order:

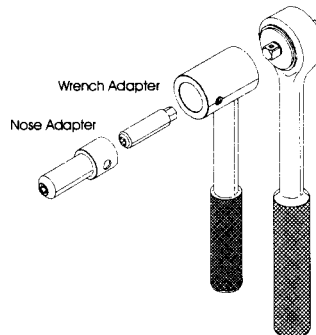
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **HWF165-BF**

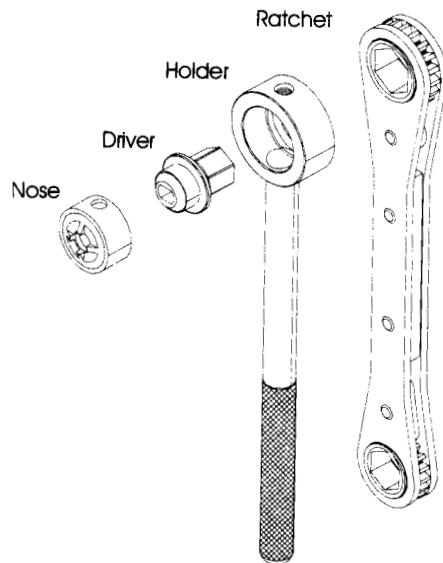
Part Number Includes

- HW300 Ratchet Wrench
- HW1650-BF Adapter Assembly
(HW1652-BF, HW1651-BF)

Dia.	Composi-Lok Series	Complete Assembly	Adapter Assembly	Wrench Adapter	Nose Adapter
5/32	flush - 5	HWF165 - BF	HW1650 - BF	HW1651 - BF	HW1652 - BF
3/16	flush - 6	HWF200 - BF	HW2000 - BF	HW2001 - BF	HW2002 - BF
7/32	flush - 7	HWF220 - BF	HW2200 - BF	HW2201 - BF	HW2202 - BF
1/4	flush - 8	HWF260 - BF	HW2600 - BF	HW2601 - BF	HW2602 - BF
9/32	flush - 9	HWF280 - BF	HW2800 - BF	HW2801 - BF	HW2802 - BF
5/16	flush - 10	HWF312 - BF	HW3120 - BF	HW3121 - BF	HW3122 - BF
11/32	flush - 11	HWF340 - BF	HW3400 - BF	HW3401 - BF	HW3402 - BF
3/8	flush - 12	HWF375 - BF	HW3750 - BF	HW3751 - BF	HW3752 - BF
5/32	protruding - 5	HWP165 - BF	HW1650P - BF	HW1651 - BF	HW1652P - BF
3/16	protruding - 6	HWP200 - BF	HW2000P - BF	HW2001 - BF	HW2002P - BF
7/32	protruding - 7	HWP220 - BF	HW2200P - BF	HW2201 - BF	HW2202P - BF
1/4	protruding - 8	HWP260 - BF	HW2600P - BF	HW2601 - BF	HW2602P - BF
9/32	protruding - 9	HWP280 - BF	HW2800P - BF	HW2801 - BF	HW2802P - BF
5/16	protruding - 10	HWP312 - BF	HW3120P - BF	HW3121 - BF	HW3122P - BF
11/32	protruding - 11	HWP340 - BF	HW3400P - BF	HW3401 - BF	HW3402P - BF
3/8	protruding - 12	HWP375 - BF	HW3750P - BF	HW3751 - BF	HW3752P - BF
5/32	reduced flush - 5	HWT165-BF	HW1650T-BF	HW1651-BF	HW1652T-BF
3/16	reduced flush - 6	HWT200-BF	HW2000T-BF	HW2001-BF	HW2002T-BF
7/32	reduced flush - 7	HWT220-BF	HW2200T-BF	HW2201-BF	HW2202T-BF
1/4	reduced flush - 8	HWT260-BF	HW2600T-BF	HW2601-BF	HW2602T-BF
9/32	reduced flush - 9	HWT280-BF	HW2800T-BF	HW2801-BF	HW2802T-BF
5/16	reduced flush - 10	HWT312-BF	HW3120T-BF	HW3121-BF	HW3122T-BF
11/32	reduced flush - 11	HWT340-BF	HW3400T-BF	HW3401-BF	HW3402T-BF
3/8	reduced flush - 12	HWT375-BF	HW3750T-BF	HW3751-BF	HW3752T-BF



**Composi-Lok
Close Quarter Hand Tool**



How To Order:

- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

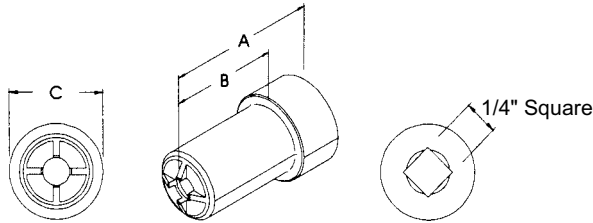
Example: **HWF5-BF**

Part Number Includes

- HW101 Ratchet
- HW102 Holder
- HN5-BF Nose Adapter
- HW5-BF Wrench Adapter

Dia.	Composi-Lok Series	Complete Assembly	Driver	Nose	Ratchet	Holder
5/32	flush - 5	HWF5 - BF	HW5 - BF	HN5 - BF	HW101	HW102
3/16	flush - 6	HWF6 - BF	HW6 - BF	HN6 - BF		
7/32	flush - 7	HWF7 - BF	HW7 - BF	HN7 - BF	HW401	HW402
1/4	flush - 8	HWF8 - BF	HW8 - BF	HN8 - BF		
9/32	flush - 9	HWF9 - BF	HW9 - BF	HN9 - BF		
5/16	flush - 10	HWF10 - BF	HW10 - BF	HN10 - BF		
11/32	flush - 11	HWF11 - BF	HW11 - BF	HN11 - BF		
3/8	flush - 12	HWF12 - BF	HW12 - BF	HN12 - BF		
5/32	protruding - 5	HWP5 - BF	HW5 - BF	HN5P - BF	HW101	HW102
3/16	protruding - 6	HWP6 - BF	HW6 - BF	HN6P - BF		
7/32	protruding - 7	HWP7 - BF	HW7 - BF	HN7P - BF	HW401	HW402
1/4	protruding - 8	HWP8 - BF	HW8 - BF	HN8P - BF		
9/32	protruding - 9	HWP9 - BF	HW9 - BF	HN9P - BF		
5/16	protruding - 10	HWP10 - BF	HW10 - BF	HN10P - BF		
11/32	protruding - 11	HWP11 - BF	HW11 - BF	HN11P - BF		
3/8	protruding - 12	HWP12 - BF	HW12 - BF	HN12P - BF		
5/32	reduced flush - 5	HWT5-BF	HW5-BF	HN5T-BF	HW101	HW102
3/16	reduced flush - 6	HWT6-BF	HW6-BF	HN6T-BF		
7/32	reduced flush - 7	HWT7-BF	HW7-BF	HN7T-BF	HW401	HW402
1/4	reduced flush - 8	HWT8-BF	HW8-BF	HN8T-BF		
9/32	reduced flush - 9	HWT9-BF	HW9-BF	HN9T-BF		
5/16	reduced flush - 10	HWT10-BF	HW10-BF	HN10T-BF		
11/32	reduced flush - 11	HWT11-BF	HW11-BF	HN11T-BF		
3/8	reduced flush - 12	HWT12-BF	HW12-BF	HN12T-B		

Composi-Lok Hand Torque Adapter



Dia.	Composi-Lok Series	Torque Adapter	Torque (in lbs)
5/32	flush - 05	TOR1652-BF	4.00
3/16	flush - 06	TOR2002-BF	6.00
7/32	flush - 07	TOR2202-BF	Contact Fastener Mfg.
1/4	flush - 08	TOR2602-BF	10.00
9/32	flush - 09	TOR2802-BF	Contact Fastener Mfg.
5/16	flush - 10	TOR3122-BF	20.00
11/32	flush - 11	TOR3402-BF	Contact Fastener Mfg.
3/8	flush - 12	TOR3702-BF	30.0
5/32	protruding - 05	TOR1652P - BF	4.00
3/16	protruding - 06	TOR2002P - BF	6.00
7/32	protruding - 07	TOR2202P - BF	Contact Fastener Mfg.
1/4	protruding - 08	TOR2602P - BF	10.00
9/32	protruding - 09	TOR2802P - BF	Contact Fastener Mfg.
5/16	protruding - 10	TOR3122P - BF	20.00
11/32	protruding - 11	TOR3402P - BF	Contact Fastener Mfg.
3/8	protruding - 12	TOR3702P - BF	30.0
5/32	reduced flush - 05	TOR1652T-BF	4.00
3/16	reduced flush - 06	TOR2002T-BF	6.00
7/32	reduced flush - 07	TOR2202T-BF	Contact Fastener Mfg.
1/4	reduced flush - 08	TOR2602T-BF	10.00
9/32	reduced flush - 09	TOR2802T-BF	Contact Fastener Mfg.
5/16	reduced flush - 10	TOR3122T-BF	20.00
11/32	reduced flush - 11	TOR3402T-BF	Contact Fastener Mfg.
3/8	reduced flush - 12	TOR3702T-BF	30.0

Composi-Lok Hand Drill-Out

How To Order:

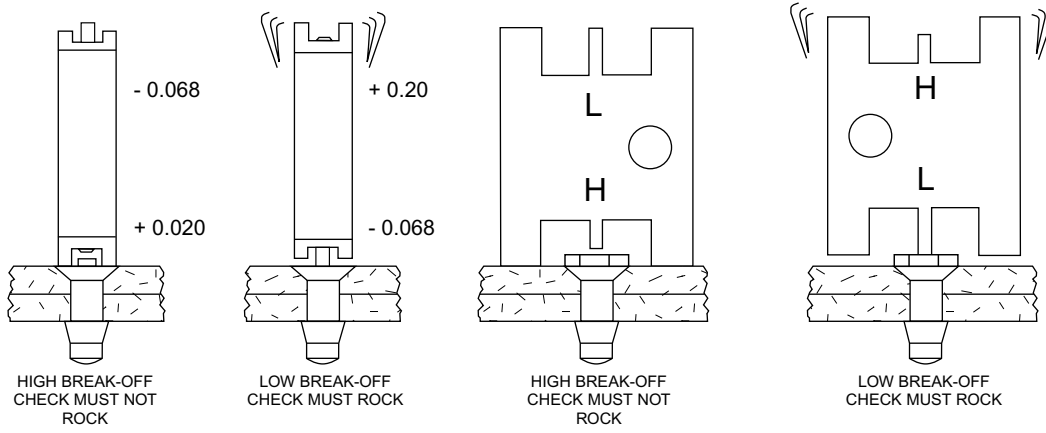
- Select the fastener type (flush, protruding, reduced flush) and size being used.
- Select the appropriate tool part number from the table

Dia.	Visu-Lok Series	Hand Drill Out	Drill Size
5/32	flush - 5	HDO1652	9/64
3/16	flush - 6	HDO2002	5/32
1/4	flush - 8	HDO2602	13/64
5/16	flush - 10	HDO3122	1/4
3/8	flush - 12	HDO3752	9/32
5/32	protruding - 5	HDO1652P	9/64
3/16	protruding - 6	HDO2002P	5/32
1/4	protruding - 8	HDO2602P	13/64
5/16	protruding - 10	HDO3122P	1/4
3/8	protruding - 12	HDO3752P	9/32
5/32	reduced flush - 5	HDO1652	9/64
3/16	reduced flush - 6	HDO2002	5/32
1/4	reduced flush - 8	HDO2602	13/64
5/16	reduced flush - 10	HDO3122	1/4
3/8	reduced flush - 12	HDO3752	9/32

Nose Adapter



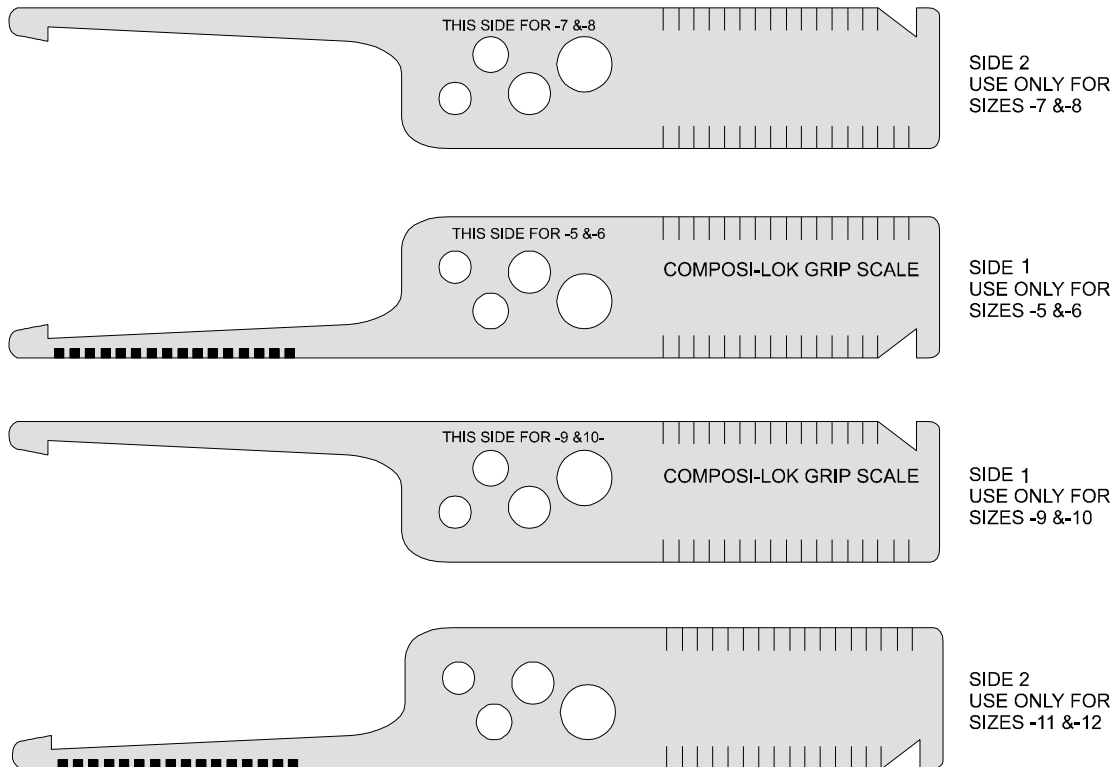
**Composi-Lok
Break-Off Gauges**



Dia	Composi-Lok Series	Leaf Gauges	Round Gauges	Break-Off Limits
5/32	MBF2010-05	LFP7-CL	LF8-F5	+ .103 / +.000
5/32	MBF2011-05	LFP7-CL	LF8-F5	+ .103 / +.000
5/32	MBF2012-05	LFP7-CL	LF8-F5	+ .103 / +.000
5/32	MBF2013-05	LFP7-CL	LF8-F5	+ .103 / +.000
3/16	MBF2010-06	LFP7-CL	LF8-F6	+ .103 / +.000
3/16	MBF2011-06	LFP7-CL	LF8-F6	+ .103 / +.000
3/16	MBF2012-06	LFP7-CL	LF8-F6	+ .103 / +.000
3/16	MBF2013-06	LFP7-CL	LF8-F6	+ .103 / +.000
7/32	MBF2010-07	LFP7-CL	LF8-F7	+ .103 / +.000
7/32	MBF2011-07	LFP7-CL	LF8-F7	+ .103 / +.000
7/32	MBF2012-07	LFP7-CL	LF8-F7	+ .103 / +.000
7/32	MBF2013-07	LFP7-CL	LF8-F7	+ .103 / +.000
1/4	MBF2010-08	LFP7-CL	LF8-F8	+ .103 / +.000
1/4	MBF2011-08	LFP7-CL	LF8-F8	+ .103 / +.000
1/4	MBF2012-08	LFP7-CL	LF8-F8	+ .103 / +.000
1/4	MBF2013-08	LFP7-CL	LF8-F8	+ .103 / +.000
9/32	MBF2010-09	LFP7-CL	LF8-F9	+ .103 / +.000
9/32	MBF2011-09	LFP7-CL	LF8-F9	+ .103 / +.000
9/32	MBF2012-09	LFP7-CL	LF8-F9	+ .103 / +.000
9/32	MBF2013-09	LFP7-CL	LF8-F9	+ .103 / +.000
5/16	MBF2010-10	LFP7-CL	LF8-F10	+ .103 / +.000
5/16	MBF2011-10	LFP7-CL	LF8-F10	+ .103 / +.000
5/16	MBF2012-10	LFP7-CL	LF8-F10	+ .103 / +.000
5/16	MBF2013-10	LFP7-CL	LF8-F10	+ .103 / +.000
11/32	MBF2010-11	LFP7-CL	LF8-F11	+ .103 / +.000
11/32	MBF2011-11	LFP7-CL	LF8-F11	+ .103 / +.000
11/32	MBF2012-11	LFP7-CL	LF8-F11	+ .103 / +.000
11/32	MBF2013-11	LFP7-CL	LF8-F11	+ .103 / +.000
3/8	MBF2010-12	LFP7-CL	LF8-F12	+ .103 / +.000
3/8	MBF2011-12	LFP7-CL	LF8-F12	+ .103 / +.000
3/8	MBF2012-12	LFP7-CL	LF8-F12	+ .103 / +.000
3/8	MBF2013-12	LFP7-CL	LF8-F12	+ .103 / +.000

**Composi-Lok
Grip Scales**

Grip Scale Part #: LFCLG-1 & LFCLG-2



Selection of Grip Length

In measuring hole depth take reading where the skin surface meets the number or line on gauge. If directly on a line use either the indicated grip or the next longer grip.

In cases where there a tapered sheet condition exists, determine grip length at the hole centerline. The taper must not exceed 7° to ensure the proper performance of the fastener.

Visu-Lok II
Blind Fastener Tools

Universal Nose Tip™ System for Installing Drive-Nut Type Fasteners

Driver Model #	Universal Nose Tip	Nose Tip Connector	Wrench Adapter	Torque Driver
S540MTD / S540MTD-BF Pneumatic Pistol				
7440 - 90° Right Angle Driver				
7440M / 7440M-BF 90° Pneumatic Torque Responsive				
7440M / 7440M-BF Integrated Wrench / Torque Driver				
7440C Close Quarter 90° Right Angle				
HW200 / HW300 Standard Ratchet Hand Tool				
HW100 / HW400 Close Quarter Ratchet Hand Tool				

Universal Interchangeable Nose Tips

Installation tools have been simplified in the "DRIVE NUT" fastener system in both Visu-Lok II® and Composi-Lok II®.

LOK-FAST has further simplified the tooling with UNIVERSAL NOSE TIP™. Now, for a given size range any nose tip may be interchangeable with any driver.

An installation tool consists of a driver and an adapter assembly. The adapter assembly is comprised of a nose adapter to engage the corebolt through rotation to clamp-up and break-off. In most cases, for a given driver, the LOK-FAST UNIVERSAL NOSE TIP™ SYSTEM uses only three complete nose adapters for all the fastener head styles, and for the complete range of sizes from 5/32" to 3/8".

Two Part Nose Adapter

The nose adapter is now a two piece design consisting of the Universal Nose Tip™ and the Nose Tip Connector™. The nose tip engages the fastener drivenut, and the nose tip is threaded onto the connector to form a complete installation tool. The two piece design allows interchanging of the nose tips among all driver configurations and further allows interchangeability between Visu-Lok II® and Composi-Lok II® installation tools. The nose tip may be removed with a standard allen wrench using clockwise rotation.



The pictorial chart on the proceeding page is an illustration of the Universal Nose Tip™ System.

Universal Nose Tip™ is a Trademark of LOK-FAST
Nose Tip™ Connector™ is a Trademark of LOK-FAST

Drive-Nut Interchangeability

Dia.	Fastener	Pneumatic	Standard Right Angle	Torq. Resp. Right Angle	Close Qtr. Right Angle	Standard Hand Tool	Close Qtr. Hand Tool
-5	VLII / CLII						
-6	VLII / CLII						
-7	CLII only						
-8	VLII / CLII						
-9	CLII only						
-10	VLII / CLII						
-11	CLII only						
-12	VLII / CLII						

NOTE: VLII - represents Visu-Lok II[®]
 CLII - represents Composi-Lok II[®]

-  Composi-LokII[®] adapter assemblies may install Visu-LokII[®]
-  Adapter assemblies identical for both Visu-LokII[®] and Composi-LokII[®]

Visu-Lok II[®] and Composi-Lok II[®] fasteners have certain common driving dimensions. The drivenuts are identical for both fasteners. In the -8, -10, and -12 diameter fasteners the wrench flats are common to both fastener types. In the -5 and -6 diameters, the wrench flats are not common to Visu-Lok II[®] and Composi-Lok II[®]. Therefore, wrench adapters used to install these fasteners are **not** interchangeable.

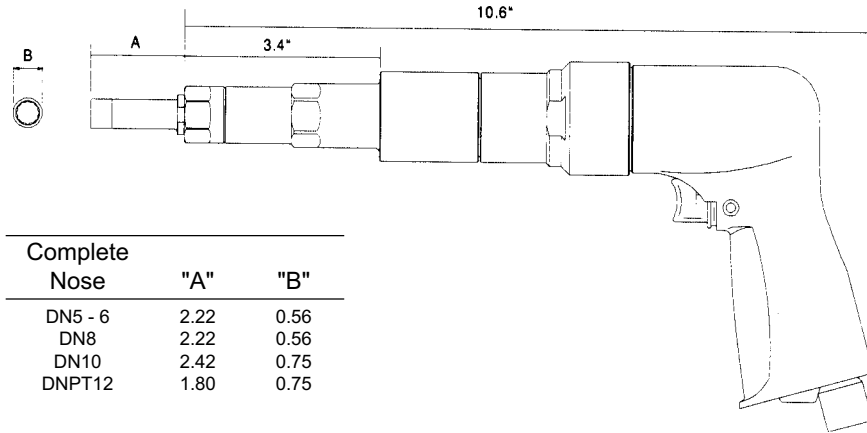
The larger blind side "footprint" of Composi-Lok II[®] is accomplished through the use of a longer sleeve and corebolt. The close quarter installation tools permit the corebolt to pass completely through the wrench. Therefore, in the -8, -10, and -12 diameters, close quarter installation is 100% interchangeable. In all other installation tools, the corebolt does not pass completely through the wrench. The wrench adapter (and consequently, the nose adapter) must be longer to install the Composi-Lok II[®].

In the common wrench-flat diameters, the longer installation tooling (Composi-Lok II[®]) may be used to install the Visu-Lok II[®], but the tooling for Visu-Lok II[®] may not be used for Composi-Lok II[®] installations.

If it is desired to standardize on one system of adapters for use with both types of fasteners, Lok-Fast provides a longer wrench adapter for the -5 and -6 Visu-Lok II[®] to be used with the Composi-Lok II[®] nose adapters.

The opposite chart illustrates the interchangeability. The two tooling systems are described in separate sections of this catalog. The new wrench adapters for Visu-Lok II[®] sizes -5 and -6 are contained only in the section on Visu-Lok II[®]. For these wrench adapters, selection of the corresponding Composi-Lok II[®] nose adapter is made by referring to the same page in the section on Composi-Lok tooling.

Pneumatic Pistol Driver Assembly for Visu-Lok II[®]



How To Order:

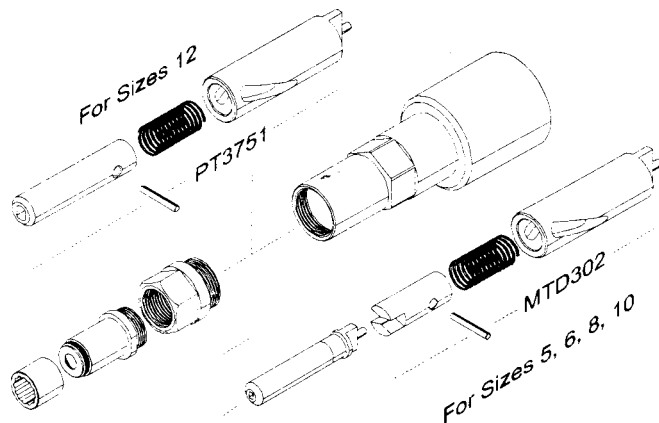
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DN8AA**

Part Number Includes

- S540MTD Pneumatic Pistol Driver
- MTD302 Master Torque Driver
- DNC8 Nose Tip Connector
- DNUT8 Universal Nose Tip
- TD2601 Wrench Adapter

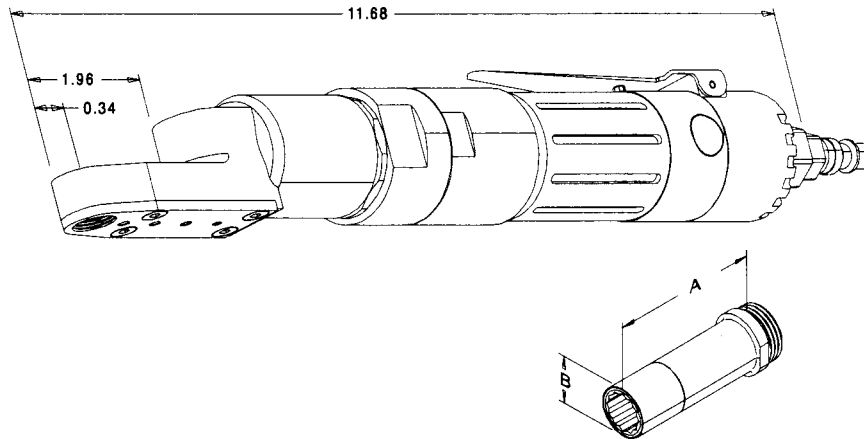
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench for CLII Nose
5/32	PLT5000-5(-)	DN5AA	S540MTD	DN5A	DN5-6	DNC5-6	DNUT5-6	TD1651	TD1651-VL
3/16	PLT5000-6(-)	DN6AA		DN6A	DN5-6	DNC5-6	DNUT5-6	TD2001	TD2001-VL
1/4	PLT5000-8(-)	DN8AA		DN8A	DN8	DNC8	DNUT8	TD2601	
5/16	PLT5000-10(-)	DN10AA		DN10A	DN10	DNC10	DNUT12	TD3121	
3/8	PLT5000-12(-)	DNPT12AA		DNPT12A	DNPT12	DNCPT12	DNUT12	PT3751	



Technical Data

Operating Pressure	90 PSI
Torque Output	32.5 lbs
Stall Torque	32.5 lbs
Motor Speed	540 rpm
Air Consumption (at free speed)	28 cfm
Horse Power Rating	0.7
Weight	3.5 lbs

Pneumatic Right Angle for Visu-Lok II[®]



How To Order:

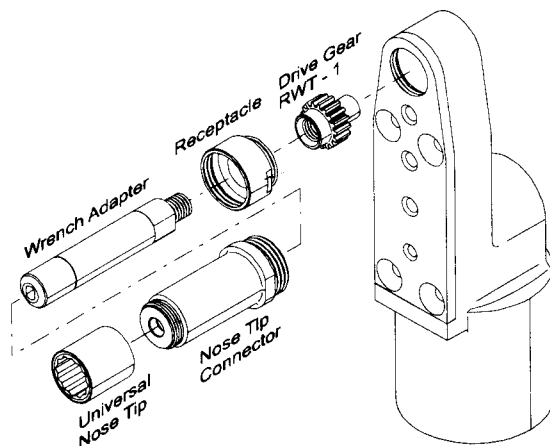
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNR8AA**

Part Number Includes

- 7440 Pneumatic Wrench Driver
- DNC8 Nose Tip Connector
- DNUT8 Universal Nose Tip
- PW4601 Wrench Adapter

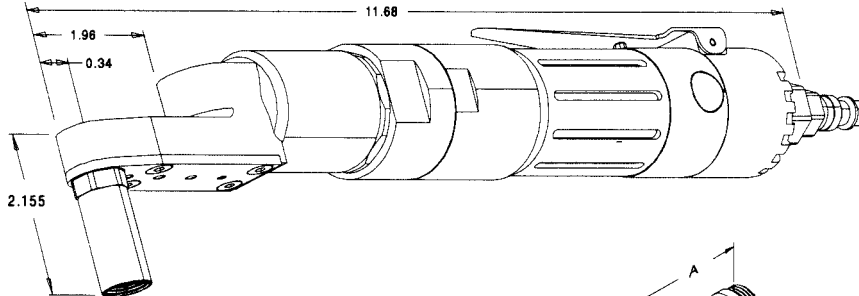
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench for CLII Nose
5/32	PLT5000-5(-)	DNR5AA		DNR5A	DN5-6	DNC5-6	DNUT5-6	PW4651	PW4651-VL
3/16	PLT5000-6(-)	DNR6AA	7440	DNR6A	DN5-6	DNC5-6	DNUT5-6	PW4001	PW4001-VL
1/4	PLT5000-8(-)	DNR8AA		DNR8A	DN8	DNC8	DNUT8	PW4601	
5/16	PLT5000-10(-)	DNR10AA		DNR10A	DN10	DNC10	DNUT12	PW4121	



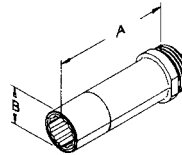
Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Pneumatic Right Angle Torque Responsive Adapter for Visu-Lok II[®]



Complete Nose	"A"	"B"
DNRT5 - 6	2.22	0.56
DNRT8	2.22	0.56
DNRT10	2.42	0.75



How To Order:

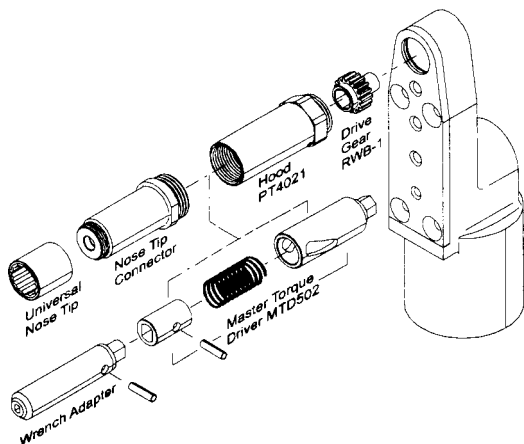
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRT5AA**

Part Number Includes

- 7440M Pneumatic Wrench Driver
- DNCRT5-6 Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- TD5651 Wrench Adapter

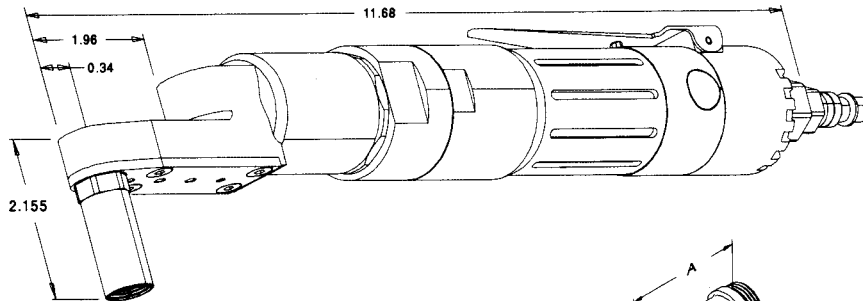
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench for CLII Nose
5/32	PLT5000-5-()	DNRT5AA		DNRT5A	DNRT5-6	DNCRT5-6	DNUT5-6	TD5651	TD5651-VL
3/16	PLT5000-6-()	DNRT6AA	7440M	DNRT6A	DNRT5-6	DNCRT5-6	DNUT5-6	TD5001	TD5001-VL
1/4	PLT5000-8-()	DNRT8AA		DNRT8A	DNRT8	DNCRT8	DNUT8	TD5601	
5/16	PLT5000-10-()	DNRT10AA		DNRT10A	DNRT10	DNCRT10	DNUT12	TD5121	



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Pneumatic Right Angle w/ Integrated Socket Torque Responsive Adapter for Visu-Lok II[®]



Complete Nose	"A"	"B"
DNRPT5 - 6	1.33	0.56
DNRPT8	1.33	0.56
DNRPT10	1.53	0.75

How To Order:

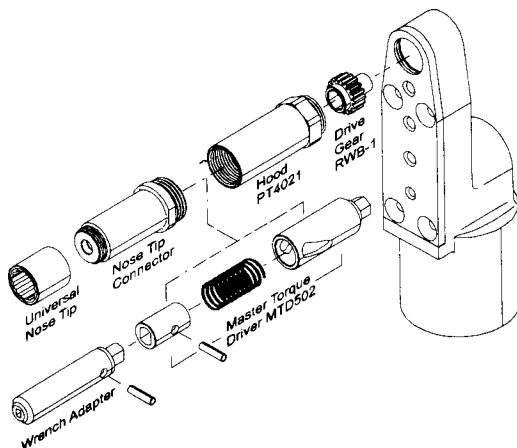
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRPT5AA**

Part Number Includes

- 7440M Pneumatic Wrench Driver
- DNRPT5-6 Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- UPTRW-5 Complete Wrench/Driver
- UWT-5 Wrench Tip

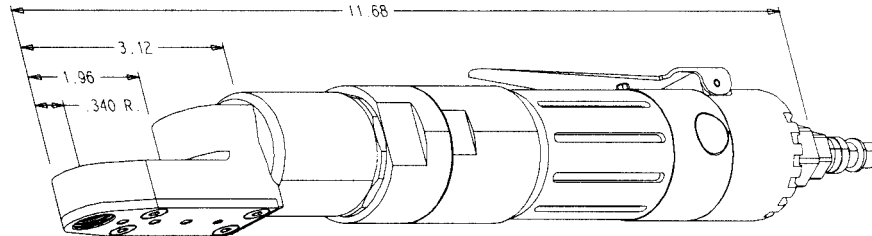
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	Wrench Tip
5/32	PLT5000-5(-)	DNRPT5AA	7440M	DNRPT5A	DNPT5-6	DNCRPT5-6	DNUT5-6	UPTRW-5	UWT-5
3/16	PLT5000-6(-)	DNRPT6AA		DNRPT6A	DNPT5-6	DNCRPT5-6	DNUT5-6	UPTRW-6	UWT-6
1/4	PLT5000-8(-)	DNRPT8AA		DNRPT8A	DNPT8	DNCRPT8	DNUT8	UPTRW-8	UWT-8
5/16	PLT5000-10(-)	DNRPT10AA		DNRPT10A	DNPT10	DNCRPT10	DNUT12	UPTRW-10	UWT-10



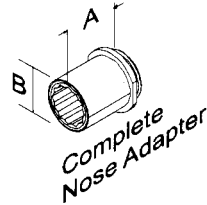
Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Pneumatic Right Angle Close Quarter for Visu-Lok II[®]



Complete Nose	"A"	"B"
DNRC5 - 6	0.53	0.56
DNRC8	0.53	0.56
DNRC10	0.73	0.75



How To Order:

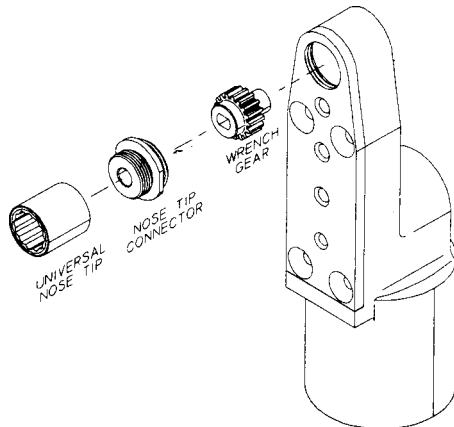
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DRNRC6AA**

Part Number Includes

- 7440C Pneumatic Wrench Driver
- DNCRC5-6 Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- RW6-1 Wrench Gear

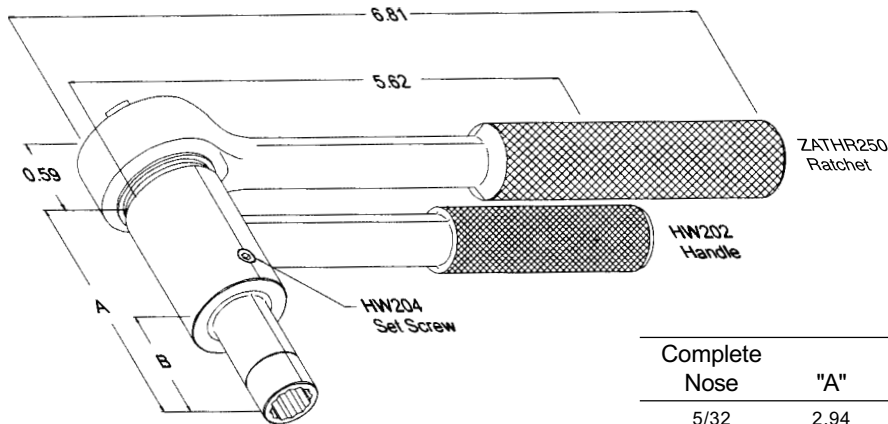
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	PLT5000-5(-)	DNRC5AA		DNRC5A	DNRC5-6	DNCRC5-6	DNUT5-6	RW5-1
3/16	PLT5000-6(-)	DNRC6AA	7440C	DNRC6A	DNRC5-6	DNCRC5-6	DNUT5-6	RW6-1
1/4	PLT5000-8(-)	DNRC8AA		DNRC8A	DNRC8	DNCRC8	DNUT8	RW8-1
5/16	PLT5000-10(-)	DNRC10AA		DNRC10A	DNRC10	DNCRC10	DNUT12	RW10-1



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Ratchet Hand Tool for Visu-Lok II[®]



Complete Nose	"A"	"B"	"C"
5/32	2.94	1.50	0.56
3/16	2.94	1.50	0.56
7/32	3.07	1.62	0.56
1/4	3.07	1.62	0.56
5/16	3.14	1.70	0.75
3/8	3.16	1.72	0.75

How To Order:

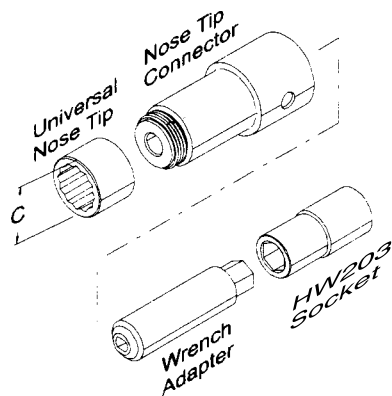
1. Select the diameter and match with the Table on this page.
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNH5AA**

Part Number Includes

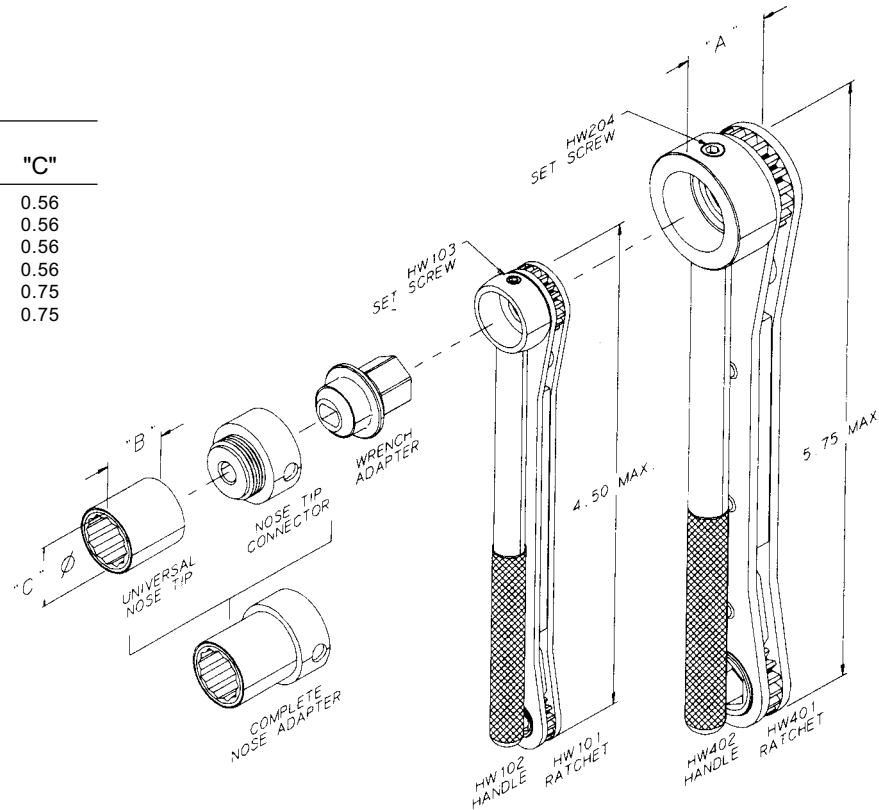
- HW300 Ratchet Wrench Assembly
- DNCH5-6 Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- HW1651 Wrench Gear

Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench FOR CLII Nose
5/32	PLT5000-5-()	DNH5AA		DNH5A	DNH5-6	DNCH5-6	DNUT5-6	HW1651	HW1651-VL
3/16	PLT5000-6-()	DNH6AA		DNH6A	DNH5-6	DNCH5-6	DNUT5-6	HW2001	HW2001-VL
1/4	PLT5000-8-()	DNH8AA	HW300	DNH8A	DNH8	DNCH8	DNUT8	HW2601	
5/16	PLT5000-10-()	DNH10AA		DNH10A	DNH10	DNCH10	DNUT12	HW3121	
3/8	PLT5000-12-()	DNH12AA		DNH12A	DNH12	DNCH12	DNUT12	HW3751	



Ratchet Hand Tool Close Quarter for Visu-Lok II[®]

Complete Nose	"A"	"B"	"C"
5/32	0.65	0.51	0.56
3/16	0.65	0.51	0.56
7/32	0.80	0.46	0.56
1/4	0.80	0.46	0.56
5/16	0.80	0.67	0.75
3/8	0.80	0.67	0.75



How To Order:

1. Select the diameter and match with the Table on this page.
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNHC5AA**

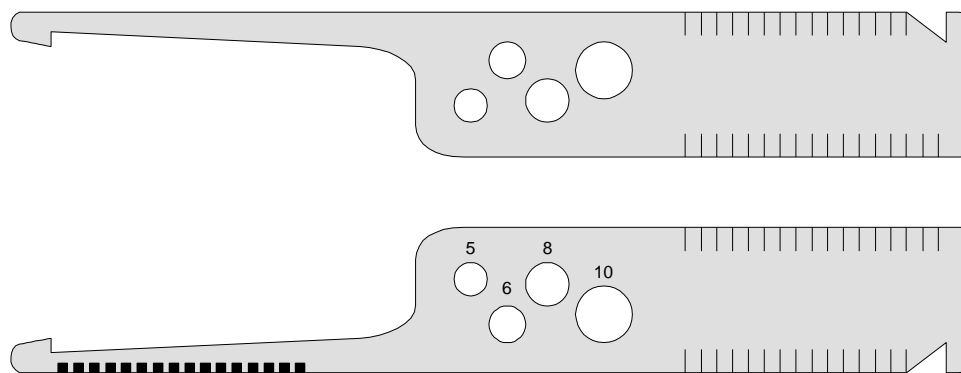
Part Number Includes

- HW100 Ratchet Wrench Assembly
- DNCHC5-6 Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- HW5 Wrench Gear

Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	PLT5000-5-(-)	DNHC5AA	HW100	DNHC5A	DNHC5-6	DNCHC5-6	DNUT5-6	HW5
3/16	PLT5000-6-(-)	DNHC6AA	HW100	DNHC6A	DNHC5-6	DNCHC5-6	DNUT5-6	HW8
1/4	PLT5000-8-(-)	DNHC8AA	HW400	DNHC8A	DNHC8	DNCHC8	DNUT8	HW8
5/16	PLT5000-10-(-)	DNHC10AA	HW400	DNHC10A	DNHC12	DNCHC12	DNUT12	HW10
3/8	PLT5000-12-(-)	DNHC12AA	HW400	DNHC12A	DNHC12	DNCHC12	DNUT12	HW12

**Visu-Lok
Grip Scales**

Grip Scale Part #: LFVLG-1



Selection of Grip Length

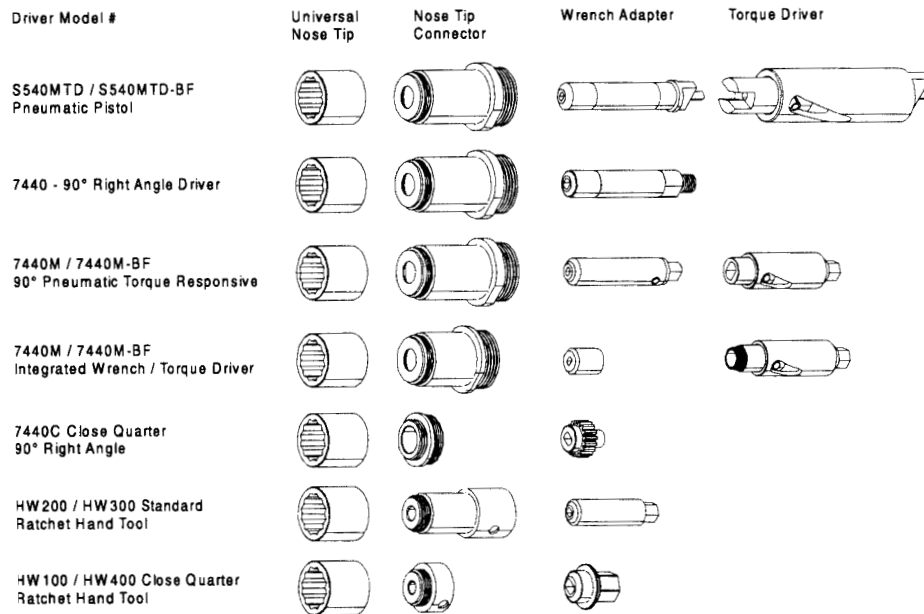
In measuring hole depth take reading where the skin surface meets the number or line on gauge. If directly on a line use either the indicated grip or the next longer grip.

In cases where there a tapered sheet condition exists, determine grip length at the hole centerline. The taper must not exceed 7° to ensure the proper performance of the fastener.

Composi-Lok II

Blind Fastener Tools

Universal Nose Tip™ System for Installing Drive-Nut Type Fasteners



Universal Interchangeable Nose Tips

Installation tools have been simplified in the "DRIVE NUT" fastener system in both Visu-Lok II® and Composi-Lok II®.

LOK-FAST has further simplified the tooling with UNIVERSAL NOSE TIP™. Now, for a given size range any nose tip may be interchangeable with any driver.

An installation tool consists of a driver and an adapter assembly. The adapter assembly is comprised of a nose adapter to engage the corebolt through rotation to clamp-up and break-off. In most cases, for a given driver, the LOK-FAST UNIVERSAL NOSE TIP™ SYSTEM uses only three complete nose adapters for all the fastener head styles, and for the complete range of sizes from 5/32" to 3/8".

Two Part Nose Adapter

The nose adapter is now a two piece design consisting of the Universal Nose Tip™ and the Nose Tip Connector™. The nose tip engages the fastener drivenut, and the nose tip is threaded onto the connector to form a complete installation tool. The two piece design allows interchanging of the nose tips among all driver configurations and further allows interchangeability between Visu-Lok II® and Composi-Lok II® installation tools. The nose tip may be removed with a standard allen wrench using clockwise rotation.



The pictorial chart on the proceeding page is an illustration of the Universal Nose Tip™ System.

Universal Nose Tip™ is a Trademark of LOK-FAST
Nose Tip™ Connector™ is a Trademark of LOK-FAST

Drive-Nut Interchangeability

Dia.	Fastener	Pneumatic	Standard Right Angle	Torq. Resp. Right Angle	Close Qtr. Right Angle	Standard Hand Tool	Close Qtr. Hand Tool
-5	VLII / CLII						
-6	VLII / CLII						
-7	CLII only						
-8	VLII / CLII						
-9	CLII only						
-10	VLII / CLII						
-11	CLII only						
-12	VLII / CLII						

NOTE: VLII - represents Visu-Lok II[®]
 CLII - represents Composi-Lok II[®]

-  Composi-LokII[®] adapter assemblies may install Visu-LokII[®]
-  Adapter assemblies identical for both Visu-LokII[®] and Composi-LokII[®]

Visu-Lok II[®] and Composi-Lok II[®] fasteners have certain common driving dimensions. The drivenuts are identical for both fasteners. In the -8, -10, and -12 diameter fasteners the wrench flats are common to both fastener types. In the -5 and -6 diameters, the wrench flats are not common to Visu-Lok II[®] and Composi-Lok II[®]. Therefore, wrench adapters used to install these fasteners are **not** interchangeable.

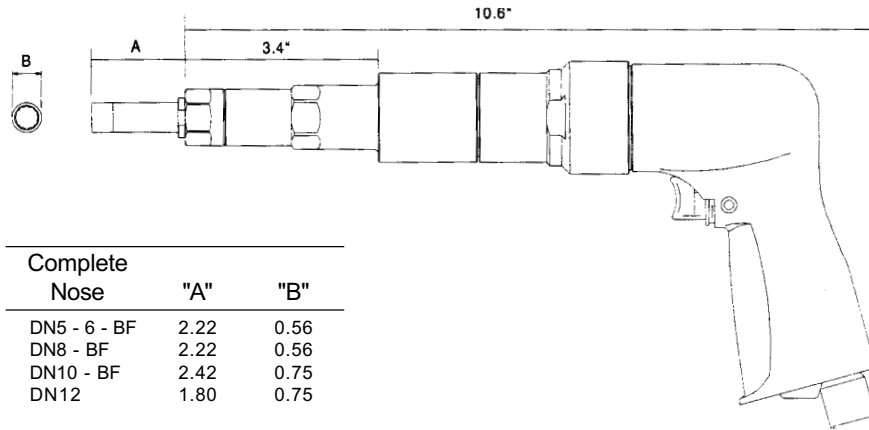
The larger blind side "footprint" of Composi-Lok II[®] is accomplished through the use of a longer sleeve and corebolt. The close quarter installation tools permit the corebolt to pass completely through the wrench. Therefore, in the -8, -10, and -12 diameters, close quarter installation is 100% interchangeable. In all other installation tools, the corebolt does not pass completely through the wrench. The wrench adapter (and consequently, the nose adapter) must be longer to install the Composi-Lok II[®].

In the common wrench-flat diameters, the longer installation tooling (Composi-Lok II[®]) may be used to install the Visu-Lok II[®], but the tooling for Visu-Lok II[®] may not be used for Composi-Lok II[®] installations.

If it is desired to standardize on one system of adapters for use with both types of fasteners, Lok-Fast provides a longer wrench adapter for the -5 and -6 Visu-Lok II[®] to be used with the Composi-Lok II[®] nose adapters.

The opposite chart illustrates the interchangeability. The two tooling systems are described in separate sections of this catalog. The new wrench adapters for Visu-Lok II[®] sizes -5 and -6 are contained only in the section on Visu-Lok II[®]. For these wrench adapters, selection of the corresponding Composi-Lok II[®] nose adapter is made by referring to the same page in the section on Composi-Lok tooling.

Pneumatic Pistol Driver Assembly for Composi-Lok II[®]



Complete Nose	"A"	"B"
DN5 - 6 - BF	2.22	0.56
DN8 - BF	2.22	0.56
DN10 - BF	2.42	0.75
DN12	1.80	0.75

How To Order:

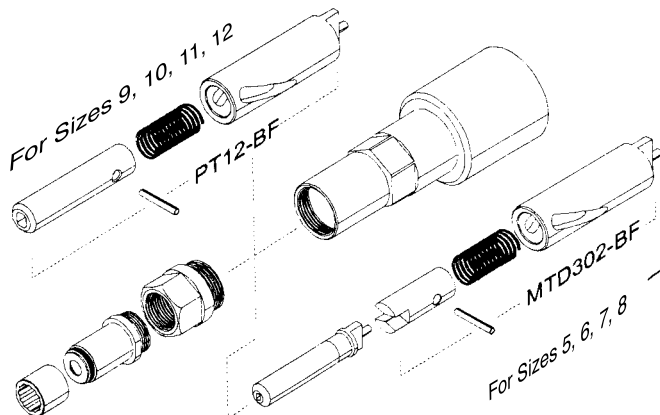
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DN8AA-BF**

Part Number Includes

- S540MTD-BF Pneumatic Pistol Driver
- MTD302-BF Master Torque Driver
- DNC8-BF Nose Tip Connector
- DNUT8 Universal Nose Tip
- TD2601-BF Wrench Adapter

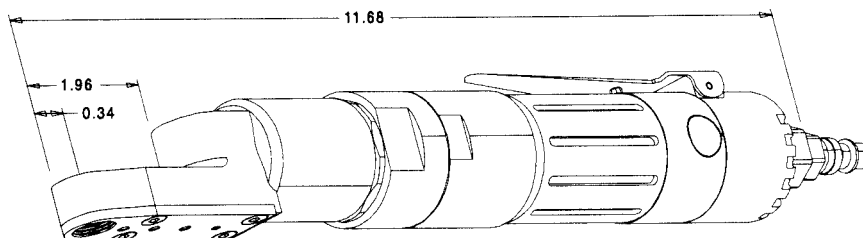
Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DN5AA-BF	DN5A-BF	DN5-6-BF	DNC5-6-BF	DNUT5-6	TD1651-BF
3/16	6-()	DN6AA-BF	DN6A-BF	DN5-6-BF	DNC5-6-BF	DNUT5-6	TD2001-BF
7/32	7-()	DN7AA-BF	DN7A-BF	DN8-BF	DNC8-BF	DNUT8	TD7-BF
1/4	8-()	DN8AA-BF	DN8A-BF	DN8-BF	DNC8-BF	DNUT8	TD2601-BF
9/32	9-()	DN10AA-BF	DN10A-BF	DN10-BF	DNC10-BF	DNUT12	PT9-BF
5/16	10-()	DNPT10AA-BF	DNPT10A-BF	DNPT12	DNCPT12	DNUT12	PT10-BF
11/32	11-()	DNPT12AA-BF	DNPT12A-BF	DNPT12	DNCPT12	DNUT12	PT11-BF
3/8	12-()	DNPT12AA-BF	DNPT12A-BF	DNPT12	DNCPT12	DNUT12	PT12-BF



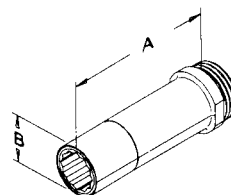
Technical Data

Operating Pressure	90 PSI
Torque Output	32.5 lbs
Stall Torque	32.5 lbs
Motor Speed	540 rpm
Air Consumption (at free speed)	28 cfm
Horse Power Rating	0.7
Weight	3.5 lbs

Pneumatic Right Angle for Composi-Lok II[®]



Complete Nose	"A"	"B"
DN5 - 6 - BF	2.22	0.56
DN8 - BF	2.22	0.56
DN10 - BF	2.42	0.75



How To Order:

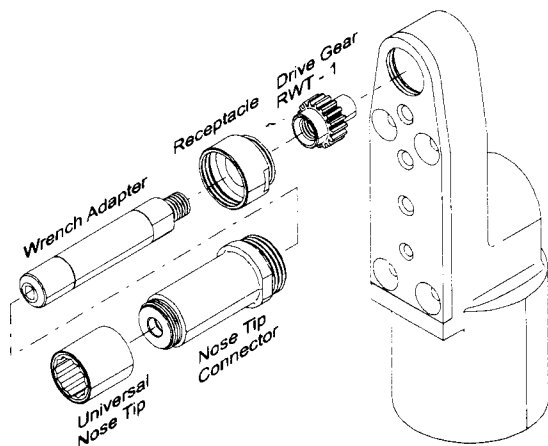
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNR8AA-BF**

Part Number Includes

- 7440 Pneumatic Wrench Driver
- DNC8-BF Nose Tip Connector
- DNUT8 Universal Nose Tip
- PW4602-BF Wrench Adapter

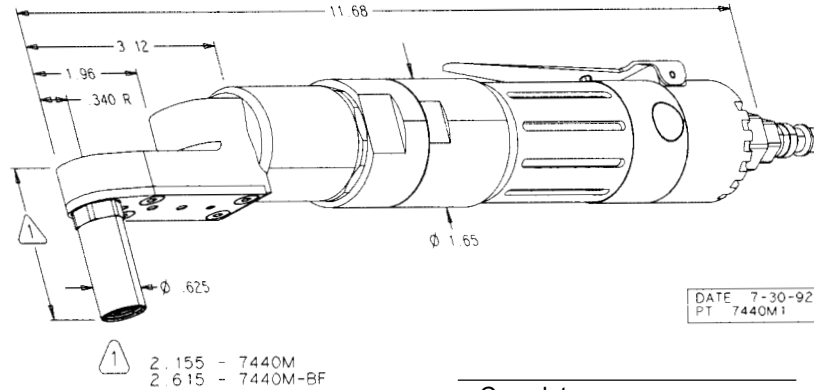
Dia.	Fastener Assembly	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5(-)	DNR5AA-BF	DNR5A-BF	DN5-6-BF	DNC5-6-BF	DNUT5-6	PW4651-BF
3/16	6(-)	DNR6AA-BF	DNR6A-BF	DN5-6-BF	DNC5-6-BF	DNUT5-6	PW4001-BF
7/32	7(-)	DNR7AA-BF	DNR7A-BF	DN8-BF	DNC8-BF	DNUT8	PW4201-BF
1/4	8(-)	DNR8AA-BF	DNR8A-BF	DN8-BF	DNC8-BF	DNUT8	PW4602-BF
9/32	9(-)	DNR10AA-BF	DNR10A-BF	DN10-BF	DNC10-BF	DNUT12	PW4121-BF
5/16	10(-)	DNR10AA-BF	DNR10A-BF	DN10-BF	DNC10-BF	DNUT12	PW4121-BF



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Pneumatic Right Angle Torque Responsive Adapter Assemblies for Composi-Lok II[®]



Complete Nose	"A"	"B"
DNRT5 - 6 - BF	2.22	0.56
DNRT8 - BF	2.22	0.56
DNRT10 - BF	2.42	0.75

How To Order:

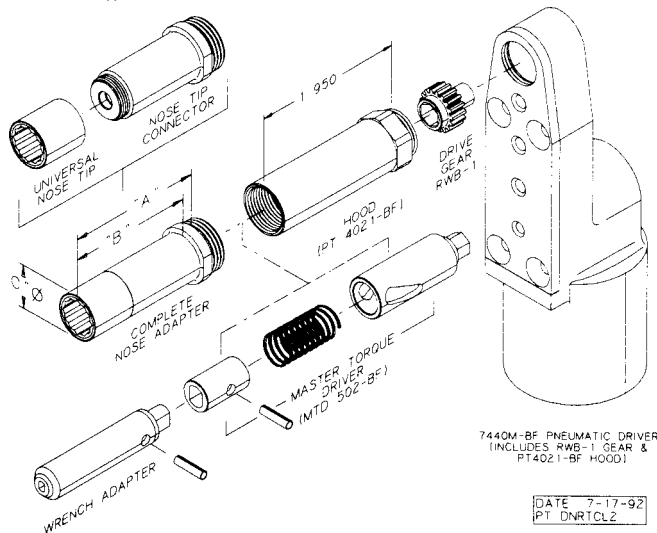
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRT7AA-BF**

Part Number Includes

- 7440M-BF Pneumatic Wrench Driver
- DNCRT8-BF Nose Tip Connector
- DNUT8 Universal Nose Tip
- TD5201-BF Wrench Adapter

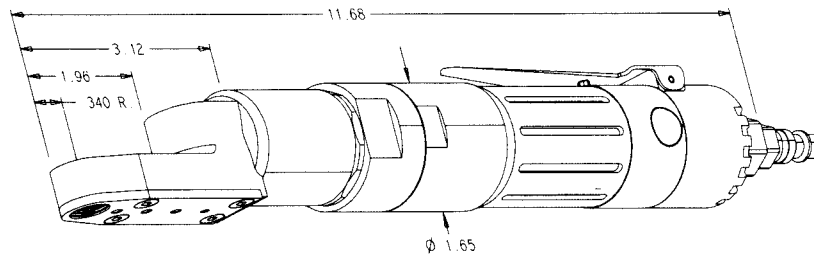
Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DNRT5AA-BF	DNRT5A-BF	DNRT5-6-BF	DNCRT5-6-BF	DNUT5-6	TD5651-BF
3/16	6-()	DNRT6AA-BF	DNRT6A-BF	DNRT5-6-BF	DNCRT5-6-BF	DNUT5-6	TD5001-BF
7/32	7-()	DNRT7AA-BF	DNRT7A-BF	DNRT8-BF	DNCRT8-BF	DNUT8	TD5201-BF
1/4	8-()	DNRT8AA-BF	DNRT8A-BF	DNRT8-BF	DNCRT8-BF	DNUT8	TD5601-BF
9/32	9-()	DNRT10AA-BF	DNRT10A-BF	DNRT10-BF	DNCRT10-BF	DNUT12	TD5121-BF
5/16	10-()	DNRT10AA-BF	DNRT10A-BF	DNRT10-BF	DNCRT10-BF	DNUT12	TD5121-BF



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Pneumatic Right Angle Torque Responsive with Integrated Wrench/Torque Driver for Composi-Lok II[®]



DATE: 7-30-92
PT: 7440C1

Complete Nose	"A"	"B"
DNRPT5 - 6 - BF	1.33	0.56
DNRPT8-BF	1.33	0.56
DNRPT10-BF	1.53	0.75

How To Order:

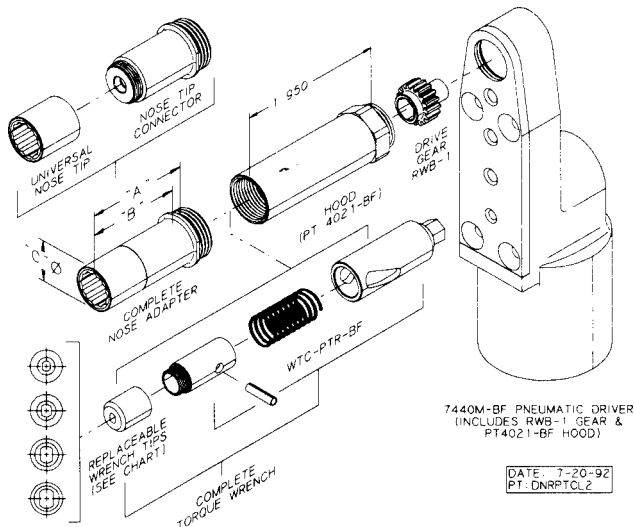
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRPT10AA-BF**

Part Number Includes

- 7440M-BF Pneumatic Wrench Driver
- DNRPT10-BF Nose Tip Connector
- DNUT12 Universal Nose Tip
- UPTRW-10-BF Complete Wrench/Driver
- UWT-10BF Wrench Tip

Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	Wrench Tip
5/32	5-()	DNRPT5AA-BF	DNRPT5A-BF	DNRPT5-6-BF	DNRPT5-6-BF	DNUT5-6	UPTRW-5-BF	UWT-5-BF
3/16	6-()	DNRPT6AA-BF	DNRPT6A-BF	DNRPT5-6-BF	DNRPT5-6-BF	DNUT5-6	UPTRW-6-BF	UWT-6-BF
7/32	7-()	DNRPT7AA-BF	DNRPT7A-BF	DNRPT8-BF	DNRPT8-BF	DNUT8	UPTRW-7-BF	UWT-7-BF
1/4	8-()	DNRPT8AA-BF	DNRPT8A-BF	DNRPT8-BF	DNRPT8-BF	DNUT8	UPTRW-8-BF	UWT-8-BF
5/16	10-()	DNRPT10AA-BF	DNRPT10A-BF	DNRPT10-BF	DNRPT10-BF	DNUT12	UPTRW-10-BF	UWT-10-BF

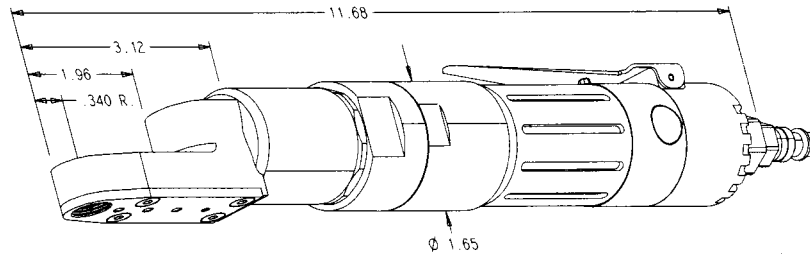


Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

DATE: 7-20-92
PT: DNRPTCL2

Pneumatic Right Angle Close Quarter Driver Assemblies for Composi-Lok II[®]



DATE: 7-30-92
PT: 7440C1

Complete Nose Adapter	"A"	"B"
DNRC5 - 6	0.53	0.56
DNRC8	0.53	0.56
DNRC10	0.73	0.75

How To Order:

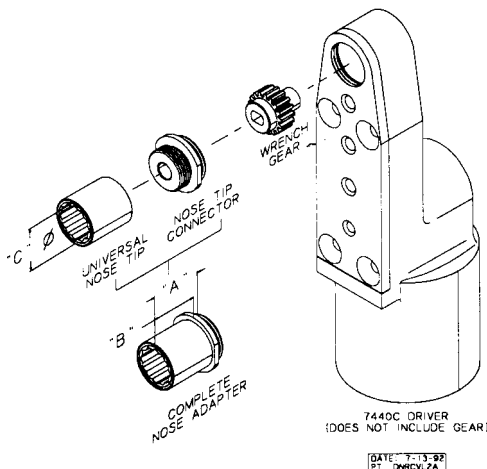
- Select the diameter and match with the Table below
- From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRC5AA-BF**

Part Number Includes

- 7440C Pneumatic Wrench Driver
- DNRC5-6 Tip Connector
- DNUT5-6 Universal Nose Tip
- RW5-1-BF Wrench Gear

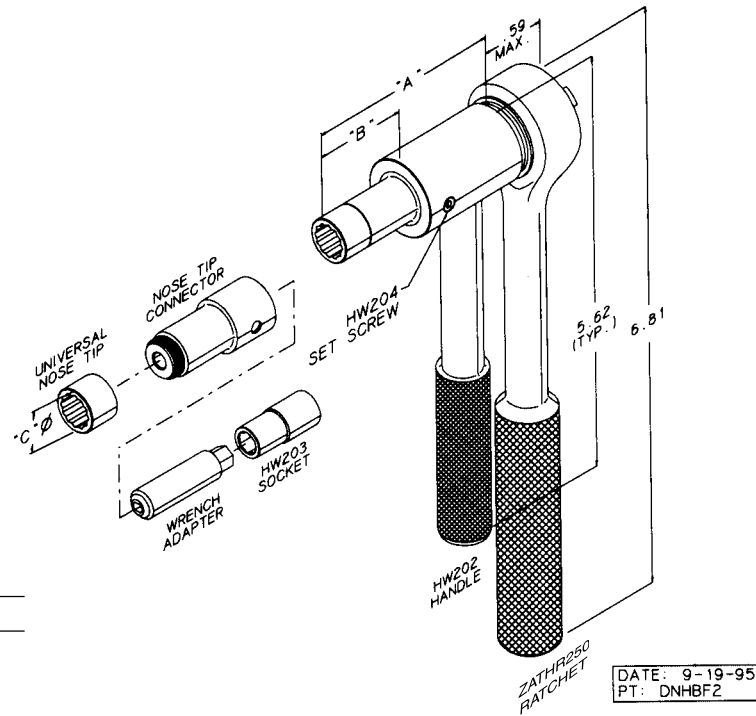
Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Gear
5/32	5-()	DNRC5AA-BF	DNRC5A-BF	DNRC5-6	DNCR5-6	DNUT5-6	RW5-1-BF
3/16	6-()	DNRC6AA-BF	DNRC6A-BF	DNRC5-6	DNCR5-6	DNUT5-6	RW6-1-BF
7/32	7-()	DNRC7AA-BF	DNRC7A-BF	DNRC8	DNCR8	DNUT8	RW7-1-BF
1/4	8-()	DNRC8AA-BF	DNRC8A	DNRC8	DNCR8	DNUT8	RW8-1
9/32	9-()	DNRC10AA	DNRC10A	DNRC10	DNCR10	DNUT12	RW10-1
5/16	10-()	DNRC10AA	DNRC10A	DNRC10	DNCR10	DNUT12	RW10-1



Technical Data

Operating Pressure	90 PSI
Torque Output	108 in lbs
Stall Torque	10 ft lbs
Motor Speed	500 rpm
Air Consumption (at free speed)	18 cfm
Horse Power Rating	0.33
Weight	3.5 lbs

Standard Ratchet Hand Tool Adapter Assembly for Composi-Lok II[®]



Nose	"A"	"B"
5/32	2.94	0.56
3/16	2.94	0.56
7/32	3.07	0.56
1/4	3.07	0.56
5/16	3.14	0.75
3/8	3.16	0.75

How To Order:

1. Select the diameter and match with the Table on this page.
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNH5AA-BF**

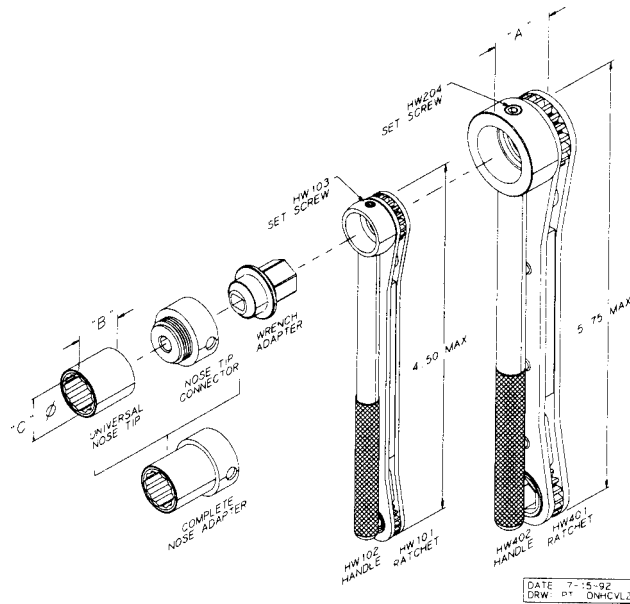
Part Number Includes

- HW300 Ratchet Wrench Assembly
- DNCH5-6-BF Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- HW1651-BF Wrench Gear

Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DNH5AA-BF	DNH5A-BF	DNH5-6-BF	DNCH5-6-BF	DNUT5-6	HW1651-BF
3/16	6-()	DNH6AA-BF	DNH6A-BF	DNH5-6-BF	DNCH5-6-BF	DNUT5-6	HW2001-BF
7/32	7-()	DNH7AA-BF	DNH7A-BF	DNH8-BF	DNCH8-BF	DNUT8	HW2201-BF
1/4	8-()	DNH8AA-BF	DNH8A-BF	DNH8-BF	DNCH8-BF	DNUT8	HW2601-BF
9/32	9-()	DNH10AA-BF	DNH10A-BF	DNH12-BF	DNCH12-BF	DNUT12	HW3121-BF
5/16	10-()	DNH10AA-BF	DNH10A-BF	DNH12-BF	DNCH12-BF	DNUT12	HW3121-BF
11/32	11-()	DNH12AA-BF	DNH12A-BF	DNH12-BF	DNCH12-BF	DNUT12	HW3751-BF
3/8	12-()	DNH12AA-BF	DNH12A-BF	DNH12-BF	DNCH12-BF	DNUT12	HW3751-BF

Close Quarter Ratchet Hand Tool Adapter Assemblies for Composi-Lok II[®]

Nose	"A"	"B"
DNHC5-6	0.65	0.56
DNHC8	0.80	0.56
DNHC12	0.80	0.75



How To Order:

1. Select the diameter and match with the Table on this page.
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNHC5AA-BF**

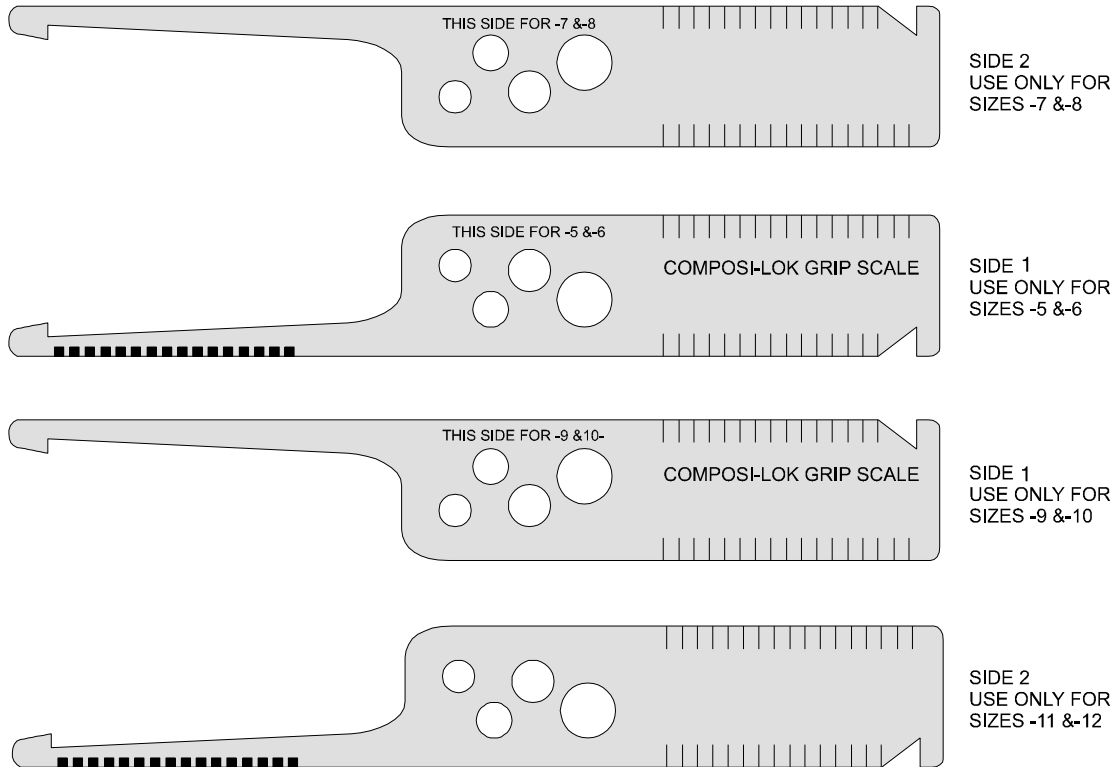
Part Number Includes

- HW101 Ratchet Wrench
- HW102 Holder
- DNHC5-6 Tip Connector
- DNUT5-6 Universal Nose Tip
- HW5-BF Wrench Gear

Dia.	Fastener Size	Complete Assembly	Ratchet Driver	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DNHC5AA-BF	HW100	DNHC5A-BF	DNHC5-6	DNHC5-6	DNUT5-6	HW5-BF
3/16	6-()	DNHC6AA-BF	HW100	DNHC6A-BF	DNHC5-6	DNHC5-6	DNUT5-6	HW6-BF
7/32	7-()	DNHC7AA-BF	HW400	DNHC7A-BF	DNHC8	DNHC8	DNUT8	HW7-BF
1/4	8-()	DNHC8AA	HW400	DNHC8A	DNHC8	DNHC8	DNUT8	HW8
9/32	9-()	DNHC10AA	HW400	DNHC10A	DNHC12	DNHC12	DNUT12	HW10
5/16	10-()	DNHC10AA	HW400	DNHC10A	DNHC12	DNHC12	DNUT12	HW10
11/32	11-()	DNHC12AA	HW400	DNHC12A	DNHC12	DNHC12	DNUT12	HW12
3/8	12-()	DNHC12AA	HW400	DNHC12A	DNHC12	DNHC12	DNUT12	HW12

**Grip Scales for
 Composi-Lok[®] and Composi-Lok II[®] Fasteners**

Grip Scale Part #: LFCLG-1 & LFCLG-2



Selection of Grip Length

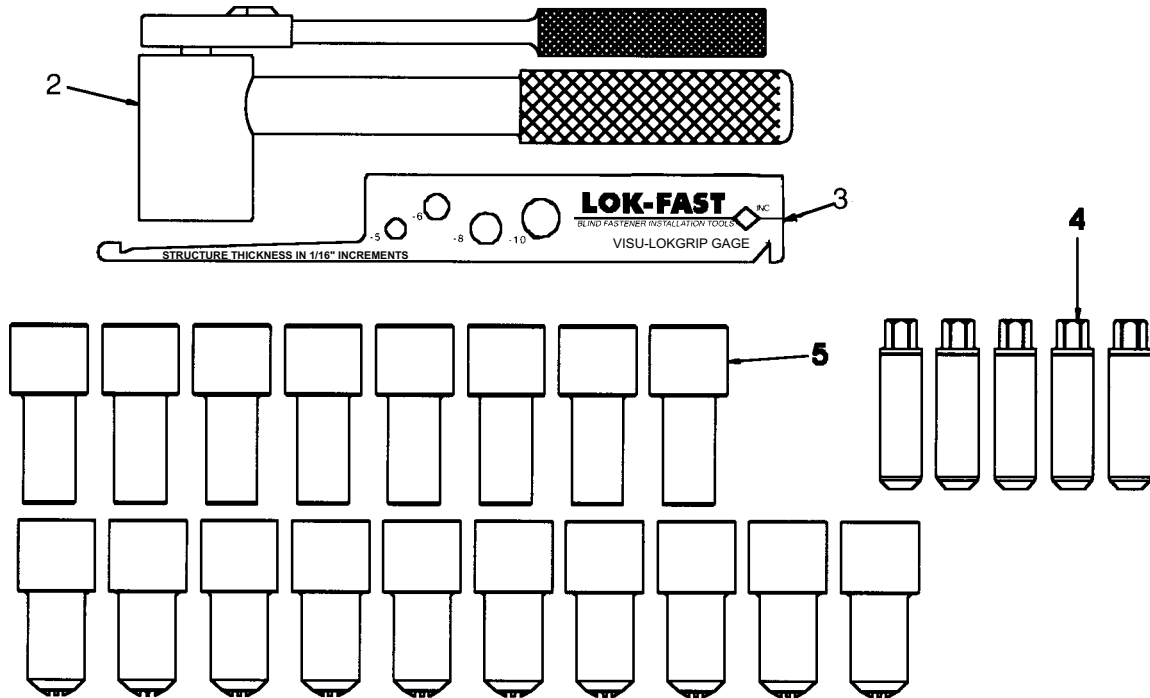
In measuring hole depth take reading where the skin surface meets the number or line on gauge. If directly on a line use either the indicated grip or the next longer grip.

In cases where there a tapered sheet condition exists, determine grip length at the hole centerline. The taper must not exceed 7° to ensure the proper performance of the fastener.

Jo-Bolt Kits

Blind Fastener Tools

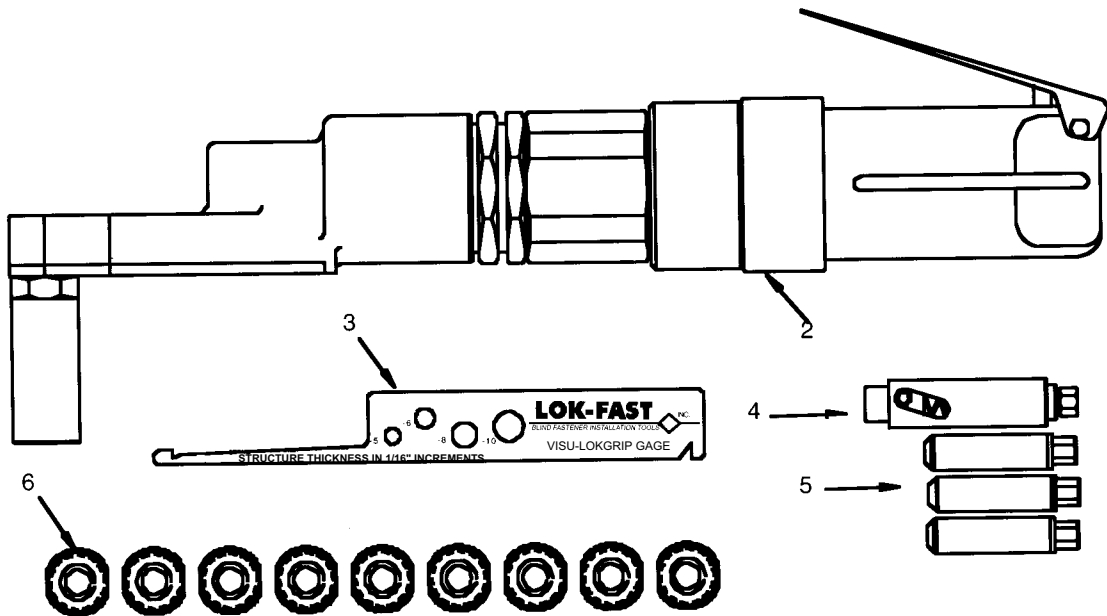
4000 Kit
Visu-Lok Ratchet Hand Tool



Item	Part #	Description
1	4020-4	Tool Box
2	HW300	Ratchet Hand Tool
3	LFVLG-1	Visu-Lok Grip Gauge
4	HW1651	Fastener Driver -5
	HW2001	Fastener Driver -6
	HW2601	Fastener Driver -8
	HW3121	Fastener Driver -10
	HW3751	Fastener Driver -12
5	HW1652	Flush Nose -5
	HW1652P	Protruding Nose -5
	HW1652A	Millable Nose -5
	HW1652T	Reduced Flush Nose -5
	HW2002	Flush Nose -6

Item	Part #	Description
5	HW2002P	Protruding Nose -6
	HW2002A	Millable Nose -6
	HW2002T	Reduced Flush Nose -6
	HW2602	Flush Nose -8
	HW2602P	Protruding Nose -8
	HW2602A	Millable Nose -8
	HW2602T	Reduced Flush Nose -8
	HW3122	Flush Nose -10
	HW3122P	Protruding Nose -10
	HW3122T	Reduced Flush Nose -10
	HW3752	Flush Nose -12
	HW3752P	Protruding Nose -12
	HW3752T	Reduced Flush Nose -12

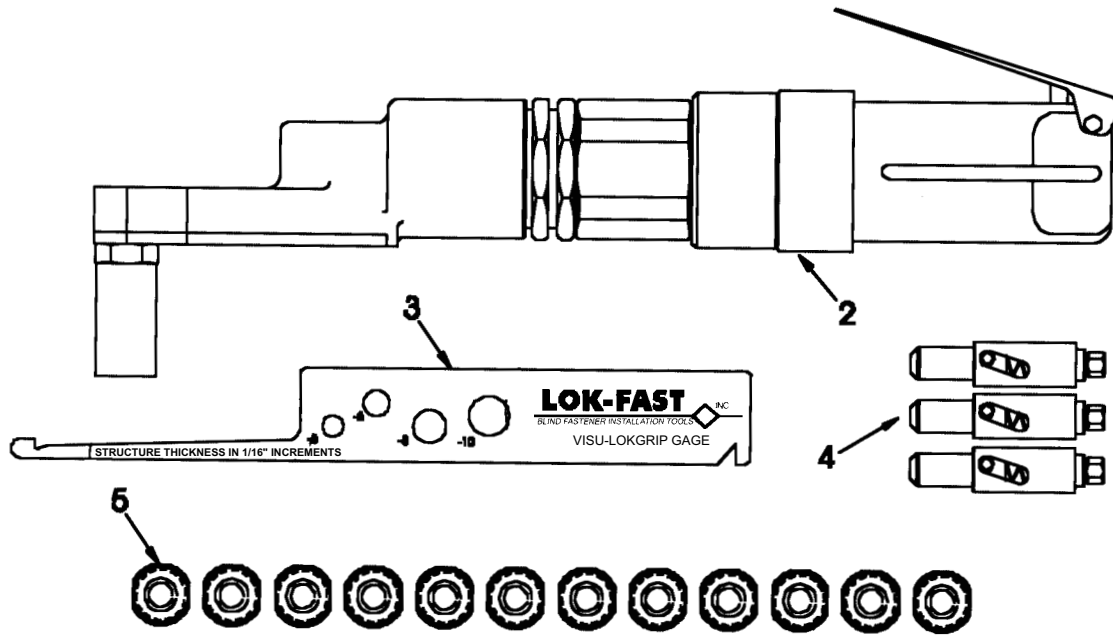
4060 Kit
Composi-Lok Right Angle
Master Torque Driver Assembly



Item	Part #	Description
1	4020-4	Tool Box
2	7440M-BF	Complete Driver Assy.l
3	LFCLG-1	Composi-Lok Grip Gauge
4	MTD502-BF	Master Torque Driver
5	TD5651-BF	Fastener Driver -5
	TD5001-BF	Fastener Driver -6
	TD5601-BF	Fastener Driver -8
6	TD5652T-BF	Reduced Flush Nose -5

Item	Part #	Description
6	TD5652P-BF	Protruding Nose 5
	TD5652-BF	Flush -5
	TD5002T-BF	Reduced Flush Nose -6
	TD5002P-BF	Protruding Nose -6
	TD5002-BF	Flush Nose -6
	TD5602T-BF	Reduced Flush Nose -8
	TD5602P-BF	Protruding Nose -8
	TD5602-BF	Flush Nose -8

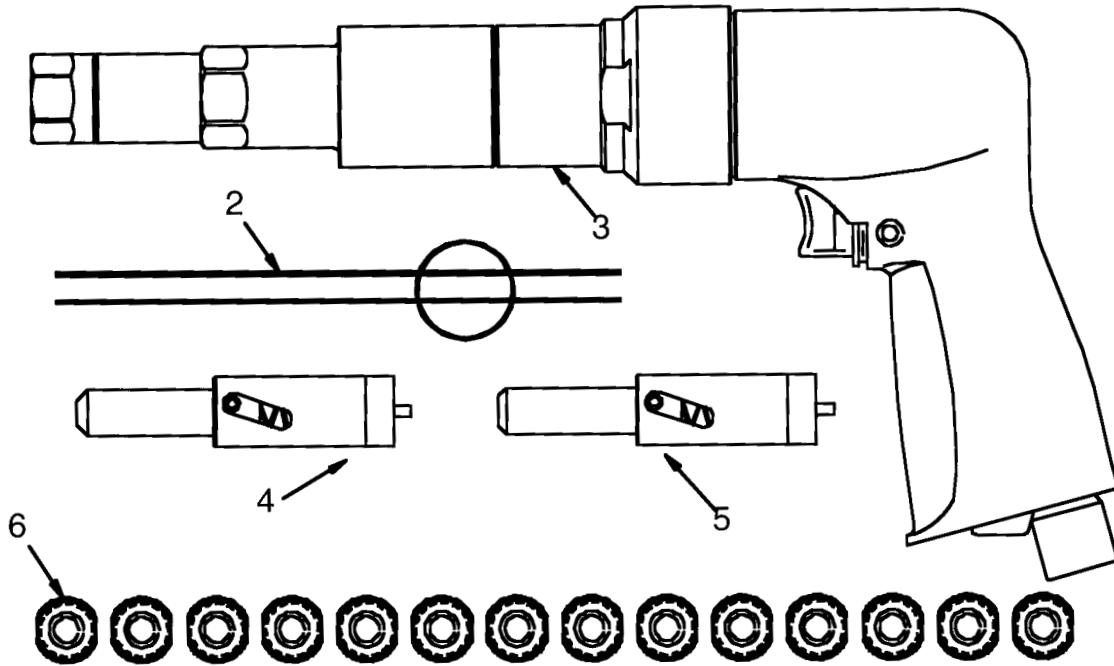
4070 Kit
Visu-Lok Right Angle
Torque Responsive Kit



Item	Part #	Description
1	4020-4	Tool Box
2	7440M	Complete Driver Assy.I
3	LFVLG-1	Visu-Lok Grip Gauge
4	PT4651	Fastener Driver -5
	PT4001	Fastener Driver -6
	PT4601	Fastener Driver -8
5	PT4652	Flush Nose -5
	PT4652P	Protruding Nose -5
	PT4652A	Millable Nose -5

Item	Part #	Description
5	PT4652T	Reduced Flush -5
	PT4002	Flush Nose -6
	PT4002P	Protruding Nose -6
	PT4002A	Millable Nose -6
	PT4002T	Reduced Flush Nose -6
	PT4602	Flush Nose -8
	PT4602P	Protruding Nose -8
	PT4602A	Millable Nose -8
	PT4602T	Reduced Flush -8

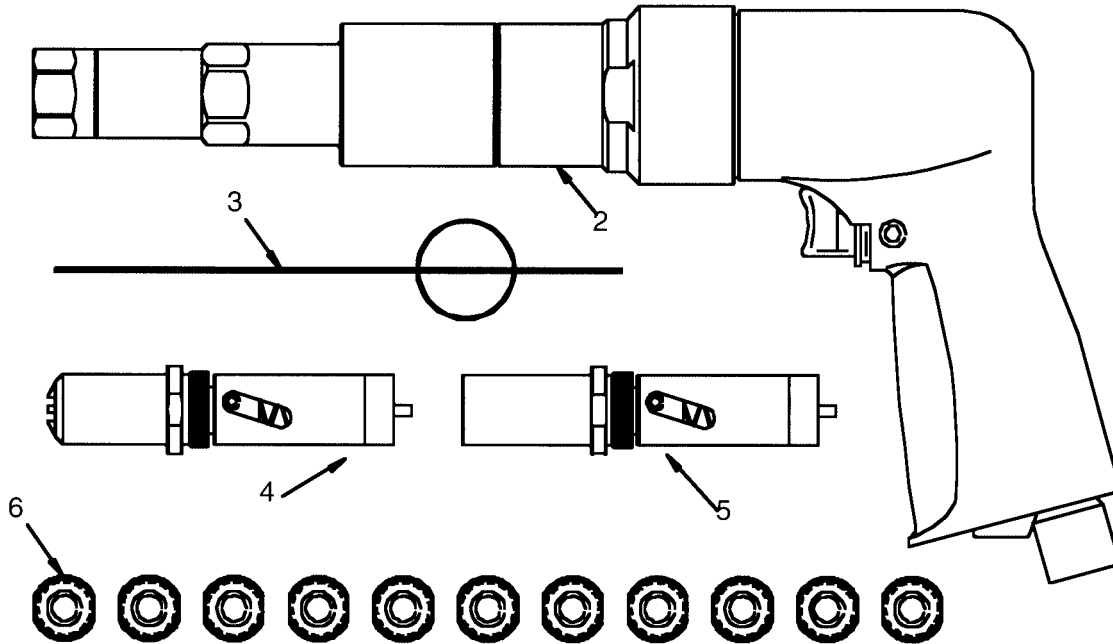
4080 Kit
Composi-Lok Pistol
Master Torque Driver



Item	Part #	Description
1	4020-4	Tool Box
2	S540MTD-BF	Ratchet Hand Tool
3	LFCLG-1	Composi-Lok Grip Gauge
	LFCLG-2	Composi-Lok Grip Gauge
4	PT10-BF	Fastener Driver -10
5	PT12-BF	Fastener Driver -12
6	TD1651-BF	Fastener Driver -5
	TD2001-BF	Fastener Driver -6
	TD2601-BF	Fastener Driver -8
	PW3652T-BF	Reduced Flush Nose - 5
	PW3652P-BF	Protruding Nose -5
	PW3652-BF	Flush Nose -5

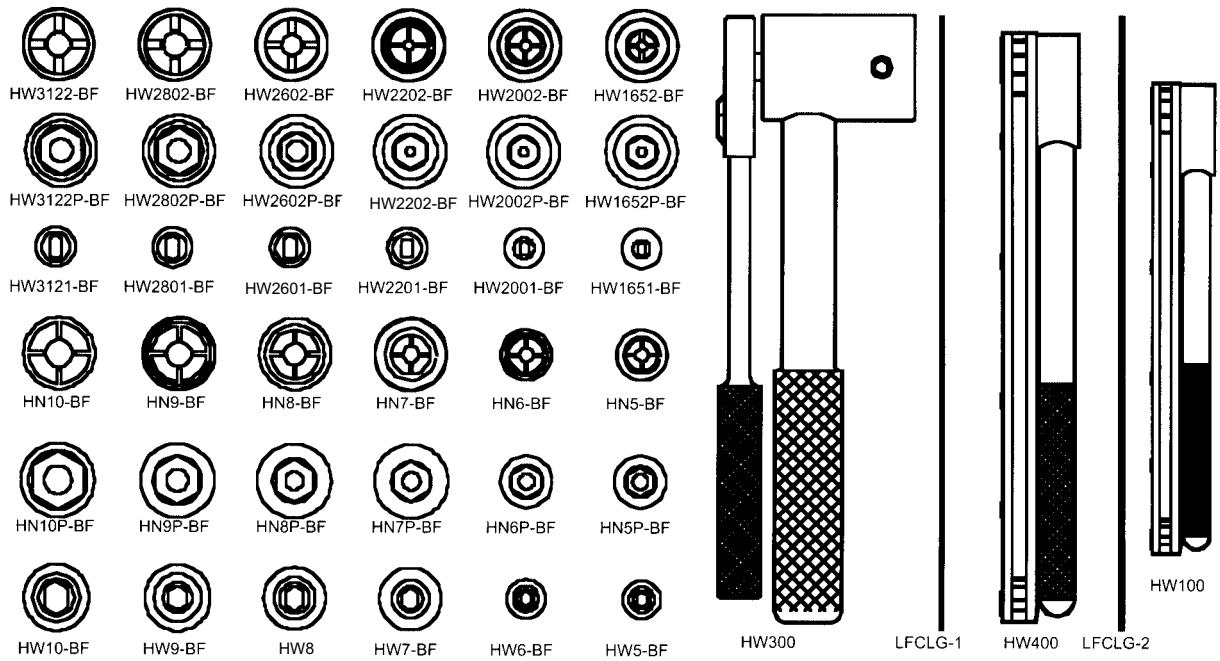
Item	Part #	Description
6	PW3002T-BF	Reduced Flush Nose -6
	PW3002P-BF	Protruding Nose -6
	PW3002-BF	Flush Nose -6
	PW3602T-BF	Reduced Flush Nose -8
	PW3602P-BF	Protruding Nose -8
	PW3602-BF	Flush Nose -8
	PT10FT-BF	Reduced Flush Nose -10
	PT10P-BF	Protruding Nose -10
	PT10F-BF	Flush Nose -10
	PT12FT-BF	Reduced Flush Nose -12
	PT12P-BF	Protruding Nose -12
	PT12F-BF	Flush Nose -12

4090 Kit
Visu-Lok Pistol
Master Torque Driver

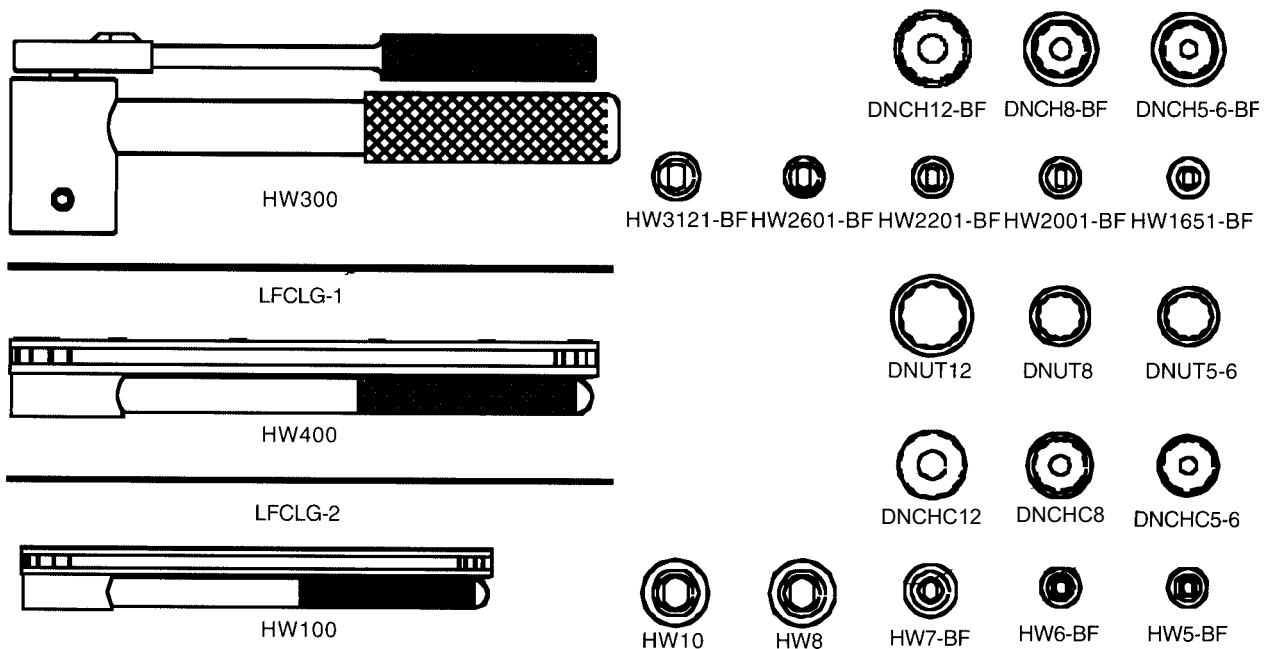


Item	Part #	Description
1	4020-4	Tool Box
2	S540MTD	Pneumatic Motor
3	LFVLG-1	Grip Gauge
4	PT375	PT Flush Nose
5	PT375P	PT Protruding Nose
6	TD165	Flush Nose
	TD165P	Protruding Nose
	TD165A	Millable Nose
	TD200	Flush Nose
	TD200P	Protruding Nose
	TD200A	Millable Nose
	TD260	Flush Nose
	TD260P	Protruding Nose
	TD260A	Millable Nose
	TD312	Flush Nose
	TD312P	Millable Nose

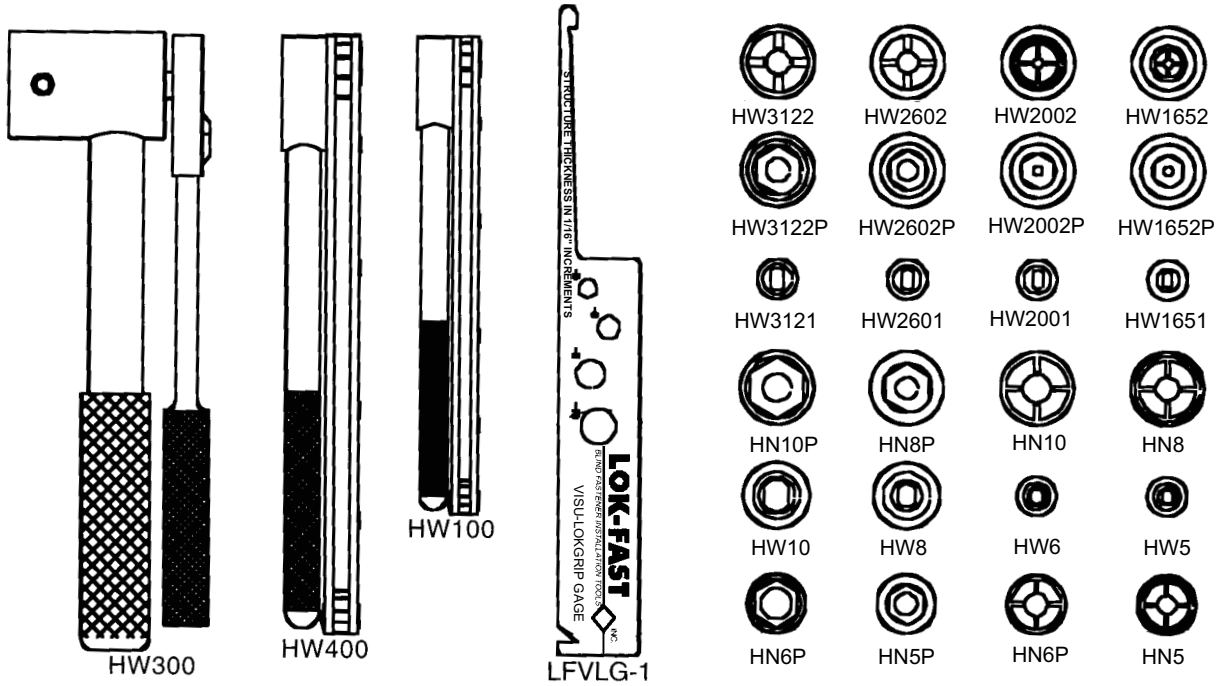
CLHK-101
Composi-Lok
Ratchet Hand Tool Kit



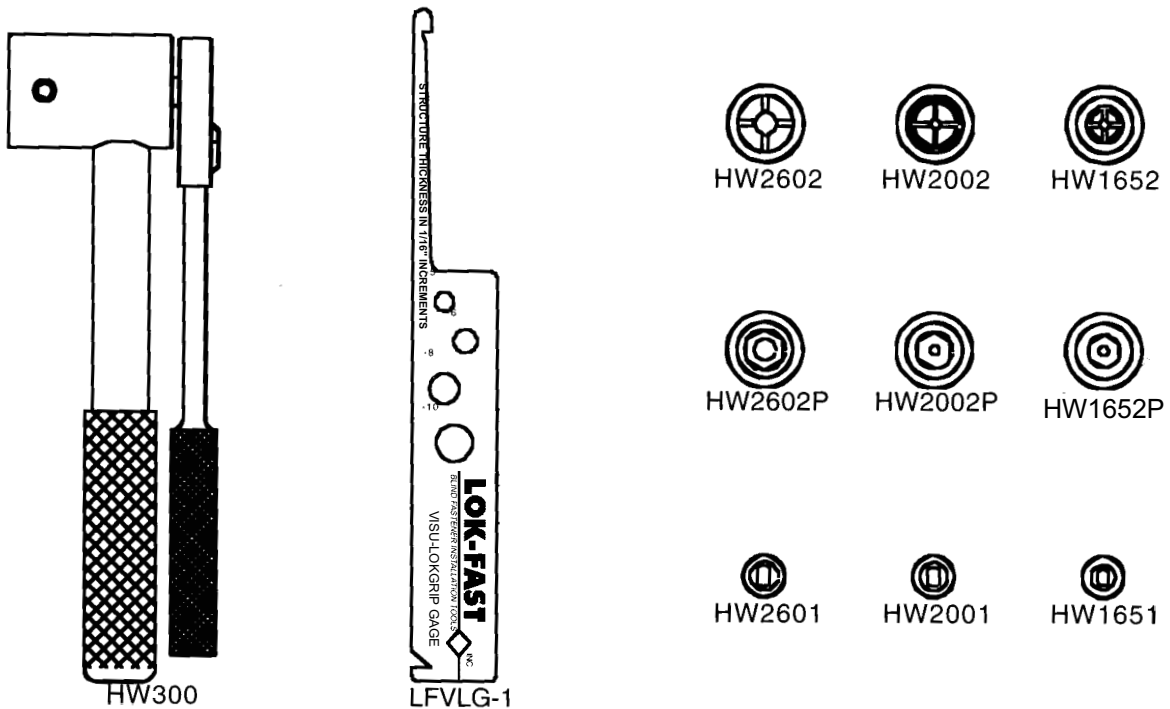
CLIIHK-101
Composi-LokII
Ratchet Hand Tool Kit

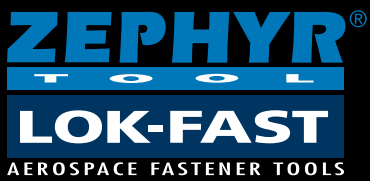


VLHK-101
Visu-Lok = Ratchet Hand Tool Kit
Flush and Protruding



VLHK-102
Visu-Lok = Ratchet Hand Tool Kit
Flush and Protruding





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