



Компания "ИнтерТулМаш" - официальный поставщик оборудования и инструмента **Zephyr** в России.

Компания Zephyr основана в 1939 году и является мировым лидером по конструированию и производству специального инструмента и оснастки для авиакосмической отрасли.

Решения Zephyr работают алюминием, сталью, титаном, а также с графитными и композитными материалами.

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The image features two precision-machined aerospace fastener tools against a dark blue gradient background. The tool in the upper right is a larger, more complex assembly with a hexagonal base and a long, tapered shaft. The tool in the lower left is a smaller, more compact design with a similar tapered shaft. Both tools exhibit fine machining details and a polished metallic finish.

ZEPHYR[®]
T O O L
LOK-FAST
AEROSPACE FASTENER TOOLS

BLIND FASTENER TOOLS

Visu-Lok® Tooling

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Composi-Lok® Tooling

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U.S. Patent Number 5,305,666

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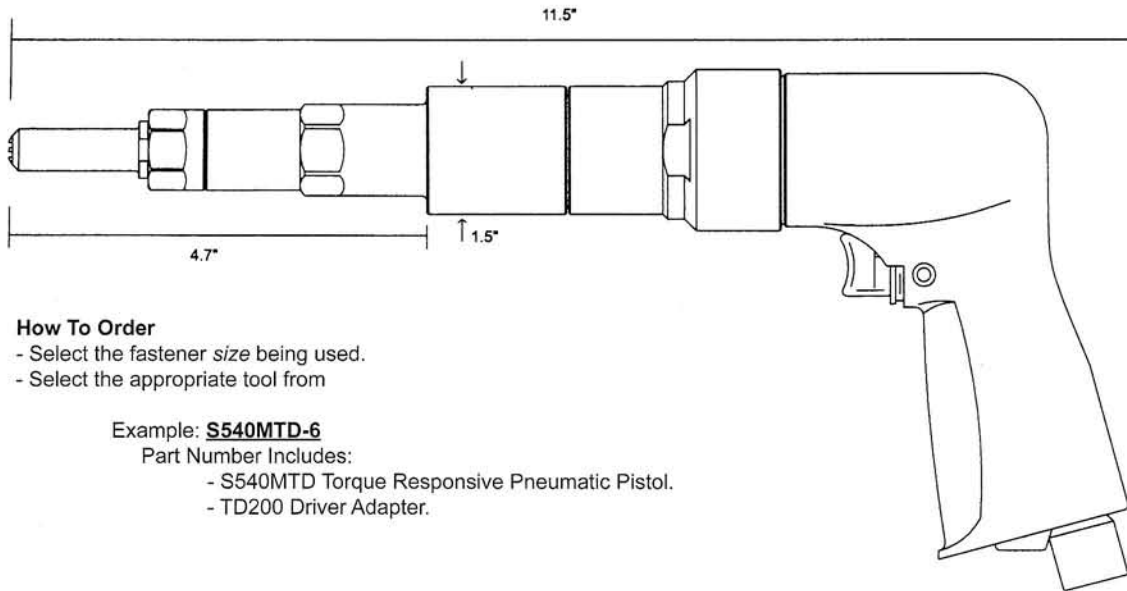
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Visu-Lok

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

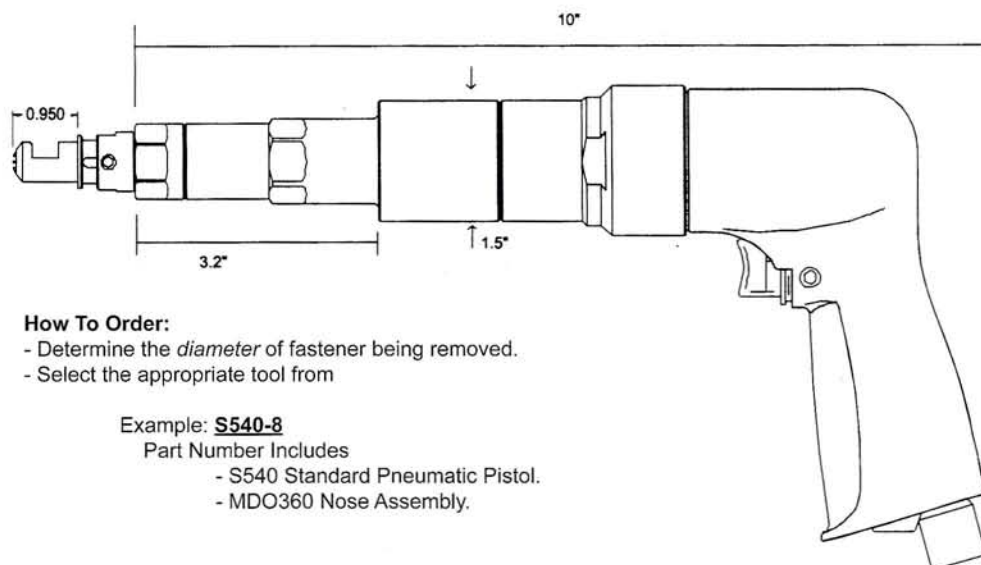
Stall Torque



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	0.5
Weight	3.5lb

Pneumatic Drill-Out



How To Order:

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

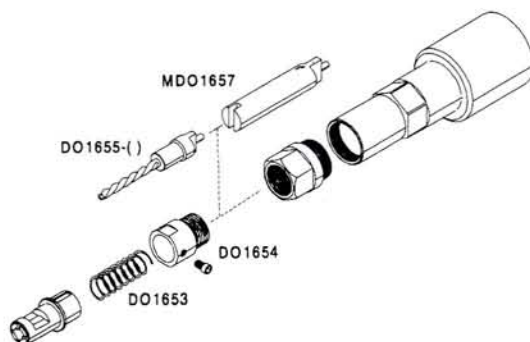
Example: **S540-8**

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 (at free speed)	28 cfm
Horse Power Rating	0.5
Weight	3.5lb

Torque Responsive Adapter



How To Order

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

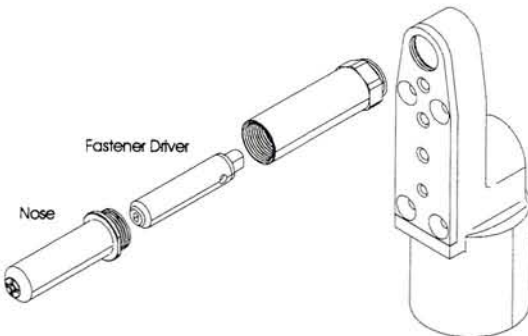
Example: **7440M-6**

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

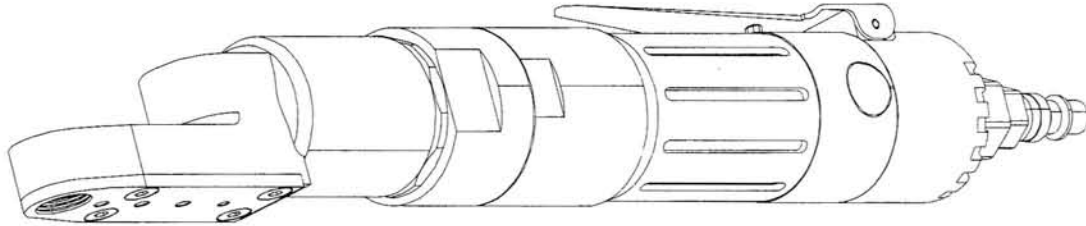
*Driver Assembly contains both the Nose and Driver



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

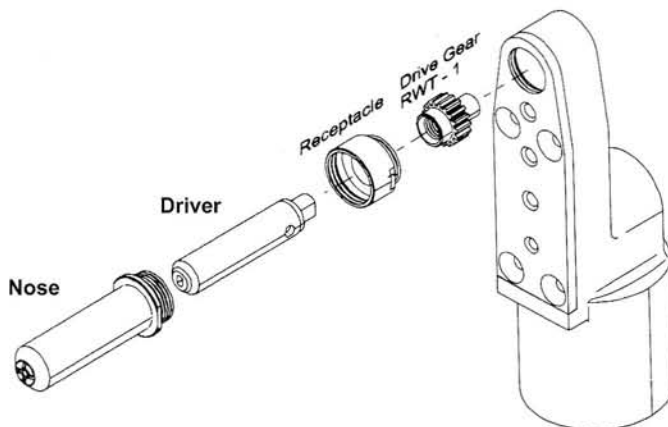
Example: **7440-5**

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

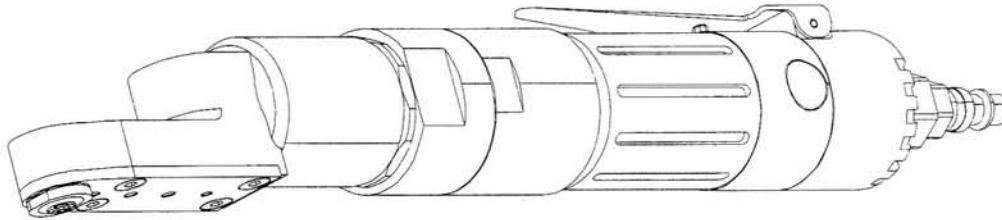
*Driver Assembly contains both the Nose and Driver



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

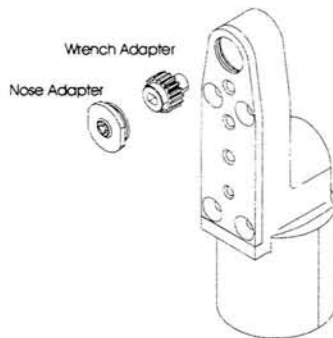
- Select the fastener size being used.
- Select the appropriate tool from Table below

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:

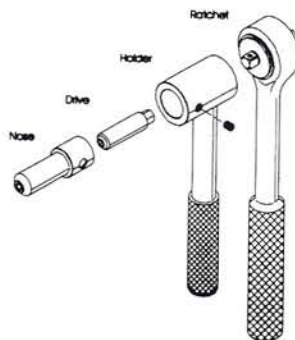
- Determine the type (flush, protruding, etc.) and size of the fastener.
- Refer to the table to select the correct part number for the required tool.

Example: **HWF165**

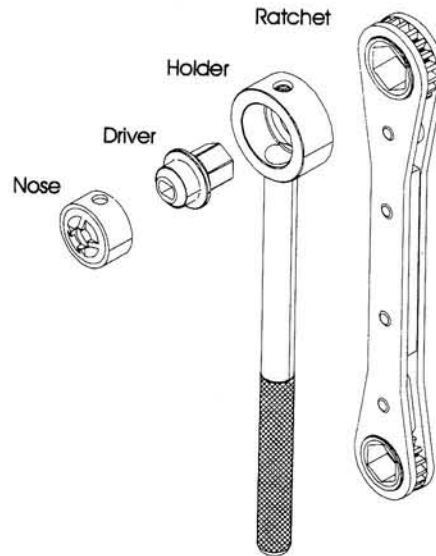
- HW300 Ratchet Wrench
- HW1650 Adapter Assembly
(HW1652, HW1651)

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**

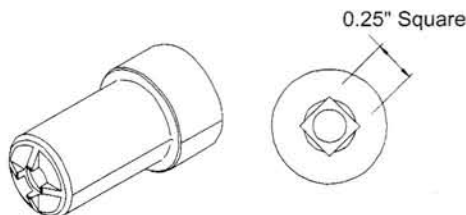
- HW101 Ratchet
- HW102 Handle
- HN5 Nose
- HW5 Drive

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		
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

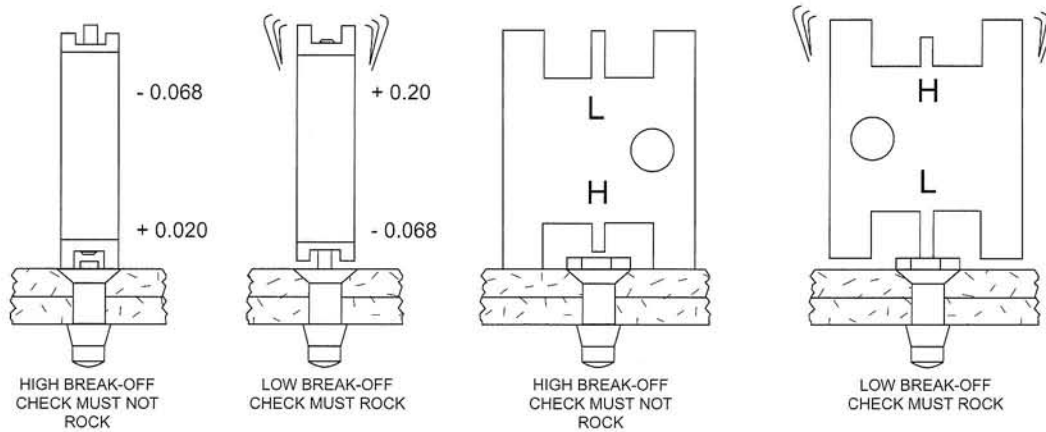
How To Order:

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

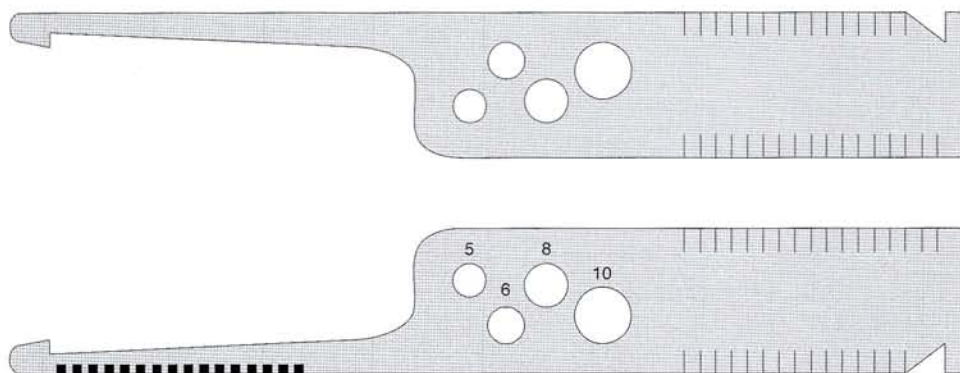


Dia.	Visu-Lok Series	Hand Drill Out	Drill Size
5/32	flush - 5	HDO1652	9/64
3/16	flush - 6	HDO2002	5/32
1/4	flush - 8	HDO2602	13/64
5/16	flush - 10	HDO3122	1/4
3/8	flush - 12	HDO3752	9/3
5/32	protruding - 5	HDO1652P	9/64
3/16	protruding - 6	HDO2002P	5/32
1/4	protruding - 8	HDO2602P	13/64
5/16	protruding - 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 / +0.000	-	-	-
PLT210-6	3P6	+0.098 / +0.010	4P6	-0.005 / -.103	P/PO 200
PLT210-8	3P8	+0.135 / +0.047	4P8	+0.010 / -.088	P/PO 260
PLT210-10	3P10	+0.146 / +0.043	4P10	-0.004 / -.117	P/PO 312
PLT210-12	3P12	+0.152 / +0.049	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 / +0.000	-	-	-
PLT220-6	A3P6	+0.103 / +0.015	-	-	-
PLT220-8	A3P8	+0.130 / +0.032	-	-	-
PLT220-10	A3P10	+0.130 / +0.027	-	-	-
PLT220-12	A3P12	+0.130 / +0.027	-	-	-
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 / +0.000	-	-	-
PLT130-6	3P6	+0.098 / +0.010	4FA6	+0.025 / -.069	SHFA/FAO 200
PLT130-8	3P8	+0.098 / +0.010	4FA8	+0.026 / -.069	SHFA/FAO 260
PLT230-5	3P5	+0.088 / +0.000	-	-	-
PLT230-6	3PA6	+0.103 / +0.015	-	-	-
PLT230-8	3P8	+0.135 / +0.047	-	-	-
PLT1058-5	-	-	LF5-F5	+0.088 / +0.000	-
PLT1058-6	-	-	LF5-F5	+0.088 / +0.000	-
PLT1058-8	-	-	LF5-F8	+0.098 / +0.000	-
PLT1058-10	-	-	LF5-F10	+0.103 / +0.000	-
PLT1058-12	-	-	LF5-F10	+0.103 / +0.000	-

**Visu-Lok
Grip Scales****Grip Scale Part #: LFVLG-1****Selection of Grip Length**

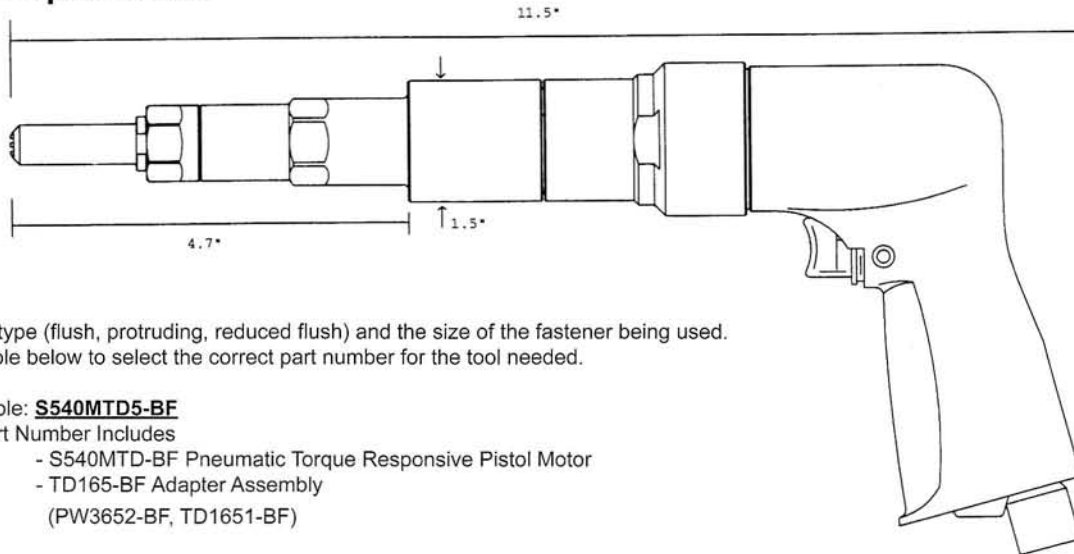
In measuring hole depth take reading where the skin surface meets the number or line on gauge.
If directly on a line use either the indicated grip or the next longer grip.

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:

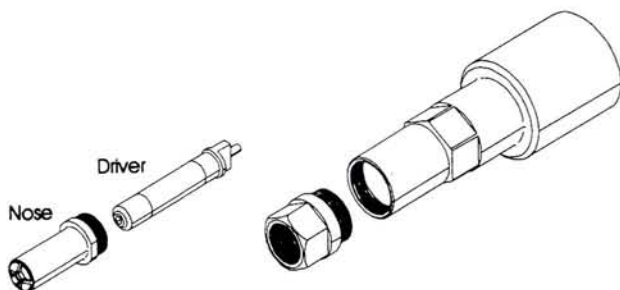
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

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:

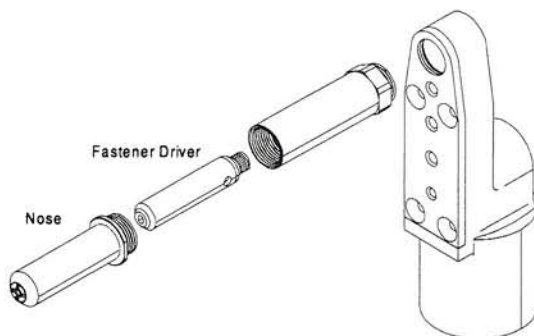
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **7440M5-BF**

Part Number Includes

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

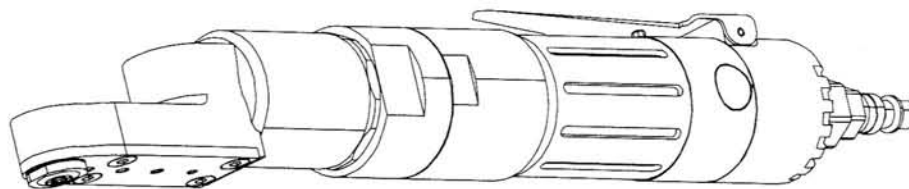
Dia.	Composi-Lok Series	Complete Assembly	Adapter Assembly	Wrench Driver	Nose Adapter
5/32	flush - 5	7440M5 - BF	TD565 - BF	TD5651 - BF	TD5652 - BF
3/16	flush - 6	7440M6 - BF	TD500 - BF	TD5001 - BF	TD5002 - BF
7/32	flush - 7	7440M7 - BF	TD520 - BF	TD5201 - BF	TD5202 - BF
1/4	flush - 8	7440M8 - BF	TD560 - 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:

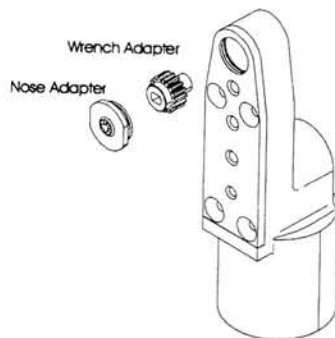
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **7440C5-BF**

Part Number Includes

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

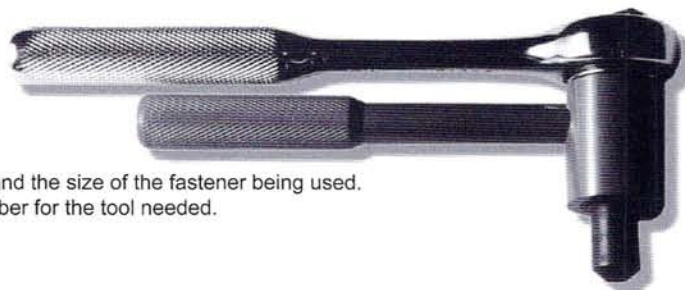
Dia.	Composi-Lok Series	Complete Assembly	Drive Gear	Nose
5/32	flush - 5	7440C5 - BF	RW5-1-BF	41165 - BF
3/16	flush - 6	7440C6 - BF	RW6-1-BF	41200 - BF
7/32	flush - 7	7440C7 - BF	RW7-1-BF	41220 - BF
1/4	flush - 8	7440C8 - BF	RW8-1-BF	41260 - BF
5/32	protruding - 5	7440C5P - BF	RW5-1-BF	41165P - BF
3/16	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:

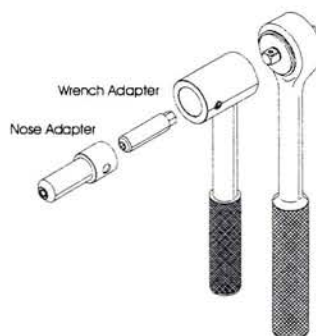
- Determine the type (flush, protruding, reduced flush) and the size of the fastener being used.
- Refer to the table below to select the correct part number for the tool needed.

Example: **HWF165-BF**

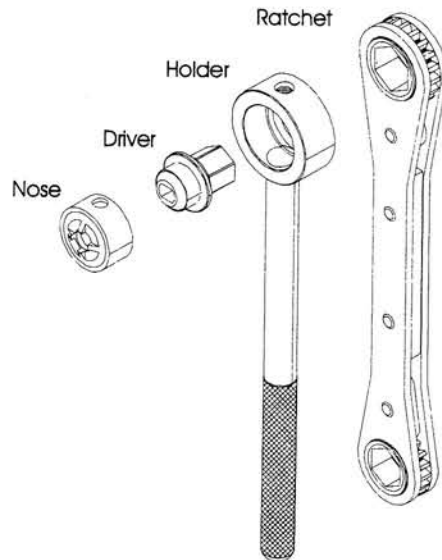
Part Number Includes

- 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.

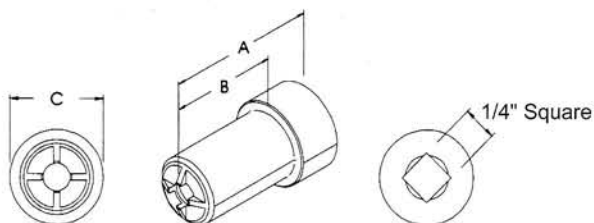
Example: **HWF5-BF**

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:

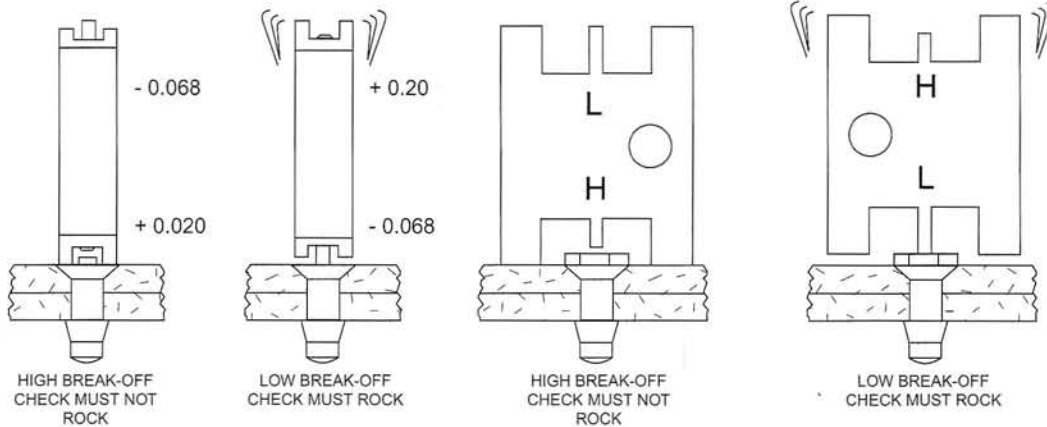
- Select the fastener type (flush, protruding, reduced flush) and size being used.
- Select the appropriate tool part number from the table

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



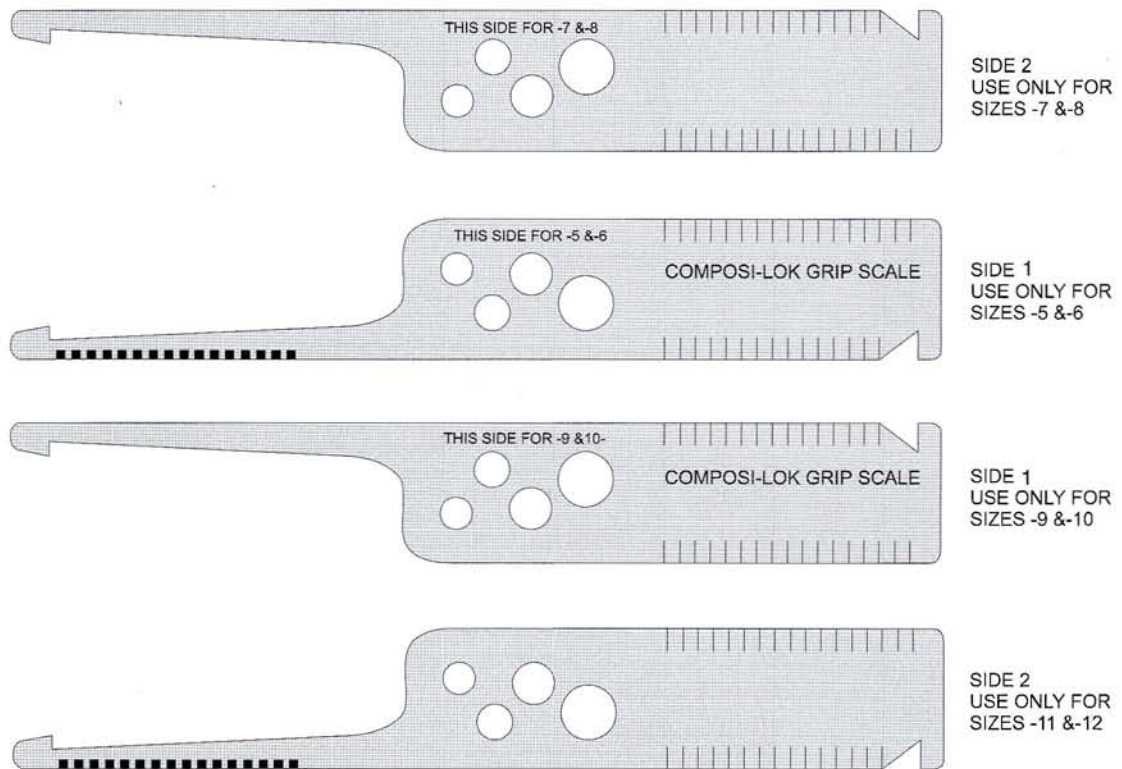
Composi-Lok Break-Off Gauges



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

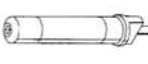
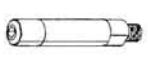
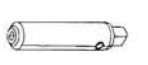
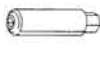
In measuring hole depth take reading where the skin surface meets the number or line on gauge. If directly on a line use either the indicated grip or the next longer grip.

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.

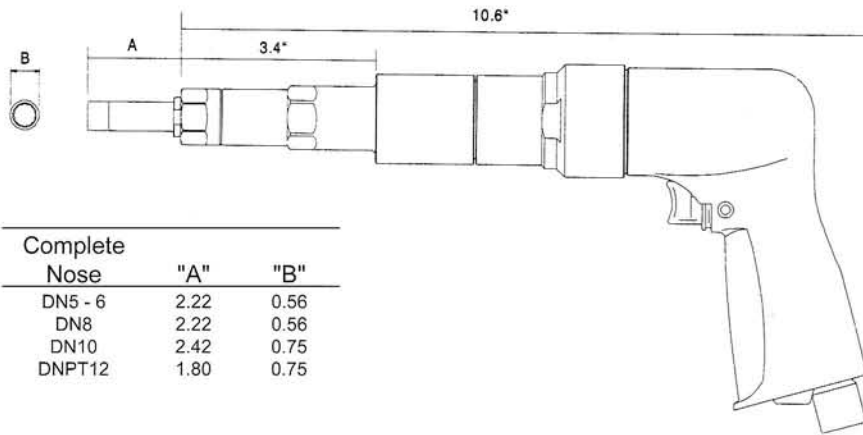
The larger blind side "footprint" of Composi-Lok II[®] is accomplished through the use of a longer sleeve and corebolt. The close quarter installation tools permit the corebolt to pass completely through the wrench. Therefore, in the -8, -10, and -12 diameters, close quarter installation is 100% interchangeable. 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®



Complete Nose	"A"	"B"
DN5 - 6	2.22	0.56
DN8	2.22	0.56
DN10	2.42	0.75
DNPT12	1.80	0.75

How To Order:

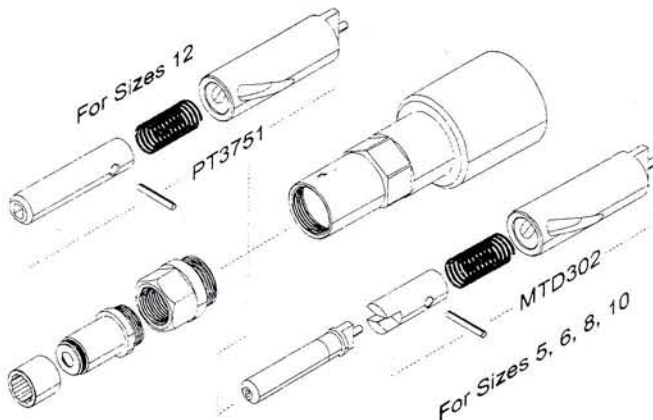
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DN8AA**

Part Number Includes

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

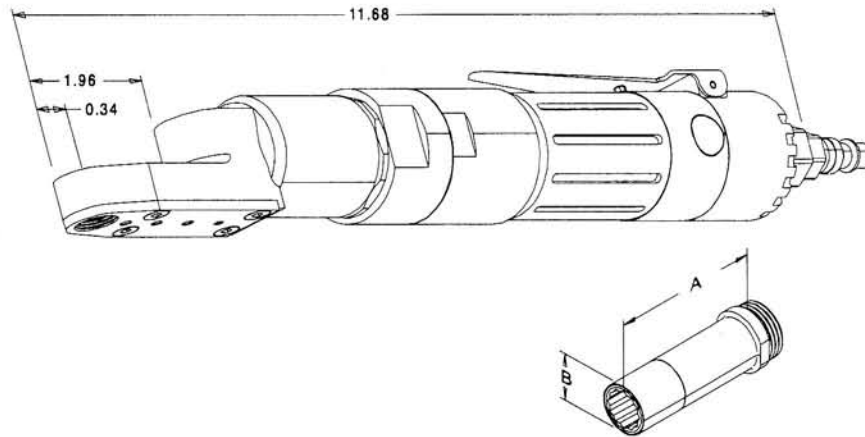
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench for CLII Nose
5/32	PLT5000-5-()	DN5AA	S540MTD	DN5A	DN5-6	DNC5-6	DNUT5-6	TD1651	TD1651-VL
3/16	PLT5000-6-()	DN6AA		DN6A	DN5-6	DNC5-6	DNUT5-6	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:

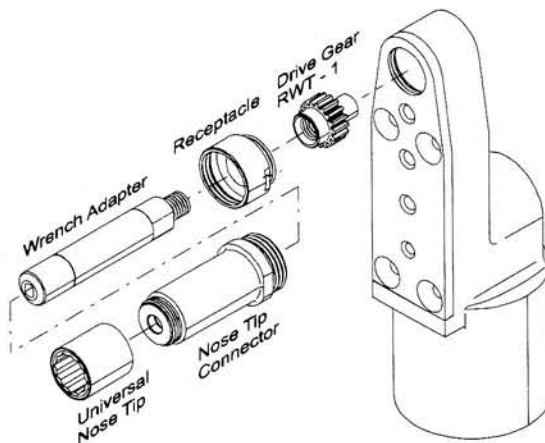
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNR8AA**

Part Number Includes

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

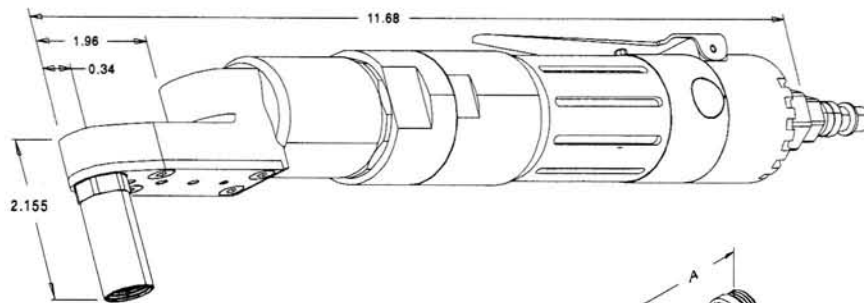
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench for CLII Nose
5/32	PLT5000-5-()	DNR5AA	7440	DNR5A	DN5-6	DNC5-6	DNUT5-6	PW4651	PW4651-VL
3/16	PLT5000-6-()	DNR6AA		DNR6A	DN5-6	DNC5-6	DNUT5-6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



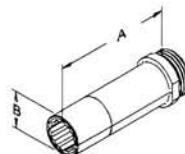
Technical Data

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:

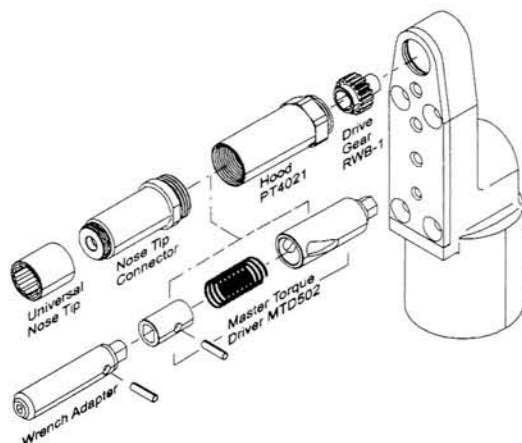
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRT5AA**

Part Number Includes

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

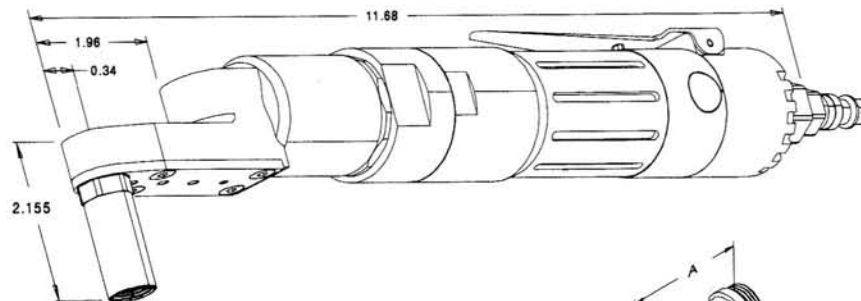
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	VLII Wrench for CLII Nose
5/32	PLT5000-5-()	DNRT5AA	7440M	DNRT5A	DNRT5-6	DNCRT5-6	DNUT5-6	TD5651	TD5651-VL
3/16	PLT5000-6-()	DNRT6AA		DNRT6A	DNRT5-6	DNCRT5-6	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:

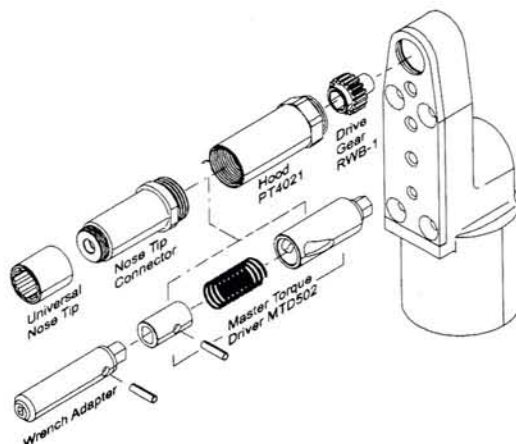
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

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

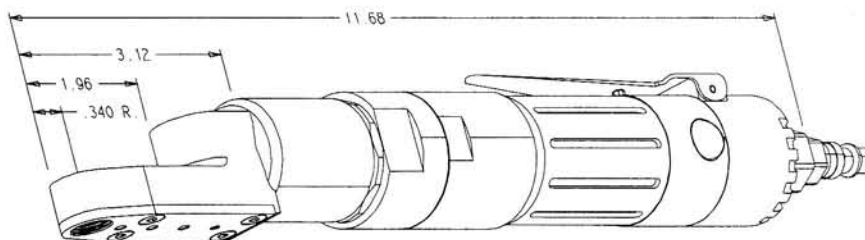
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter	Wrench Tip
5/32	PLT5000-5-()	DNRPT5AA	7440M	DNRPT5A	DNPT5-6	DNCRPT5-6	DNUT5-6	UPTRW-5	UWT-5
3/16	PLT5000-6-()	DNRPT6AA		DNRPT6A	DNPT5-6	DNCRPT5-6	DNUT5-6	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:

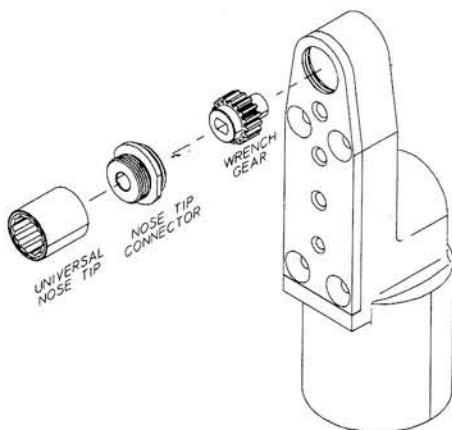
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRC6AA**

Part Number Includes

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

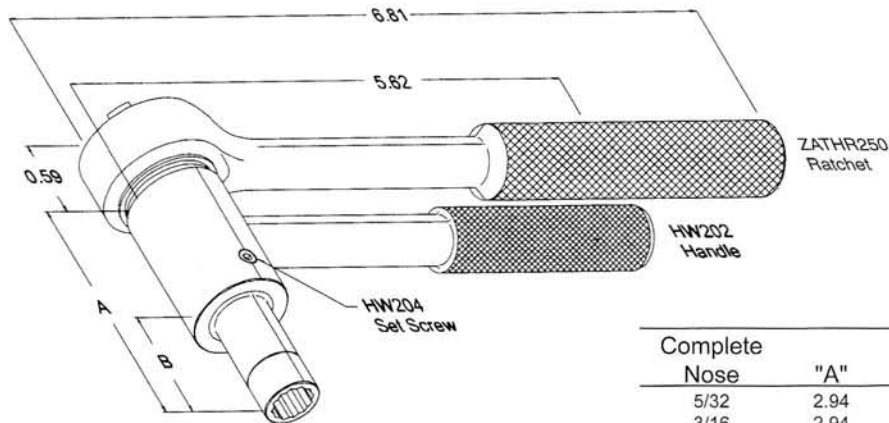
Dia.	Visu-Lok II Series	Complete Assembly	Pneumatic Pistol	Adapter Assembly	Complete Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	PLT5000-5-()	DNRC5AA	7440C	DNRC5A	DNRC5-6	DNCRC5-6	DNUT5-6	RW5-1
3/16	PLT5000-6-()	DNRC6AA		DNRC6A	DNRC5-6	DNCRC5-6	DNUT5-6	RW6-1
1/4	PLT5000-8-()	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:

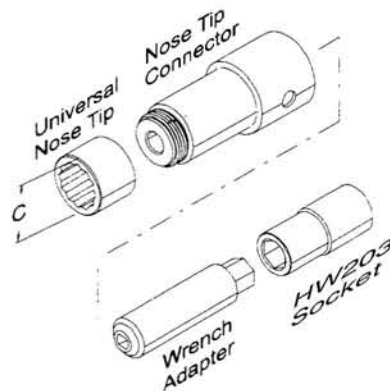
1. Select the diameter and match with the Table on this page.
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNH5AA**

Part Number Includes

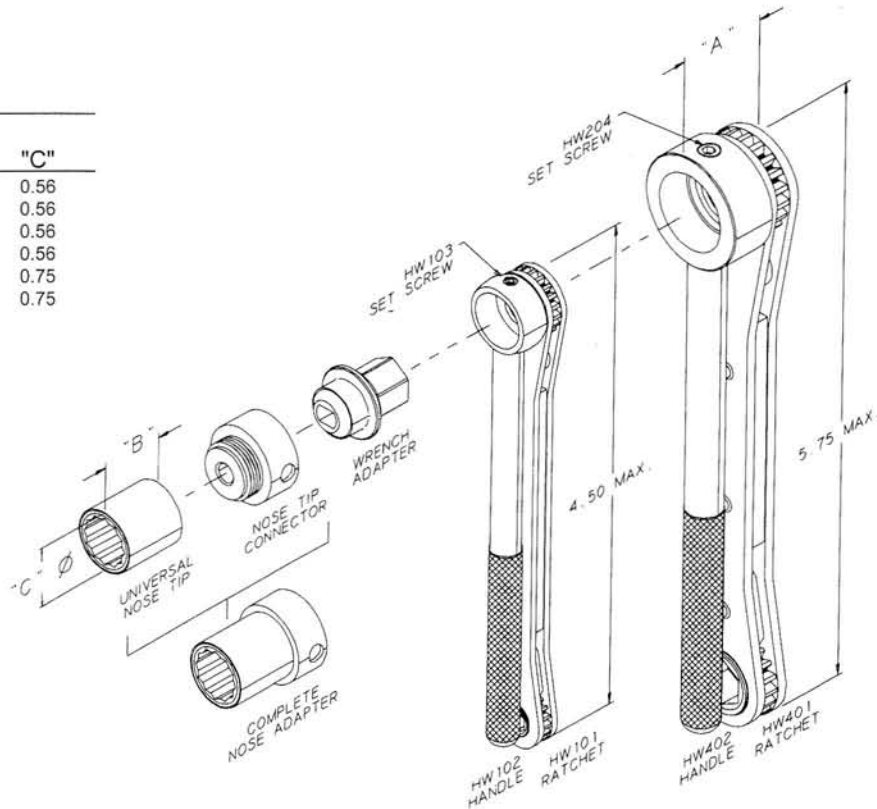
- HW300 Ratchet Wrench Assembly
- DNCH5-6 Nose Tip Connector
- DNUT5-6 Universal Nose Tip
- HW1651 Wrench Gear

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:

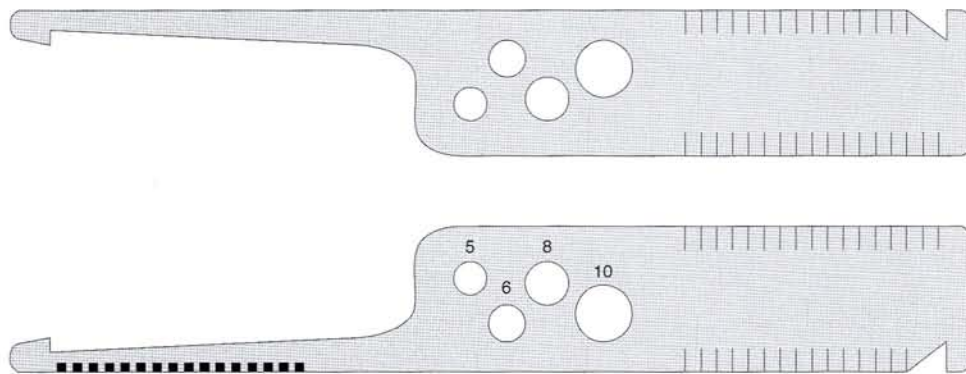
1. Select the diameter and match with the Table on this page.
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNHC5AA**

Part Number Includes

- HW100 Ratchet Wrench Assembly
- DNHC5-6 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**

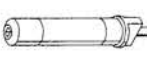
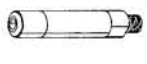
In measuring hole depth take reading where the skin surface meets the number or line on gauge.
If directly on a line use either the indicated grip or the next longer grip.

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

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.

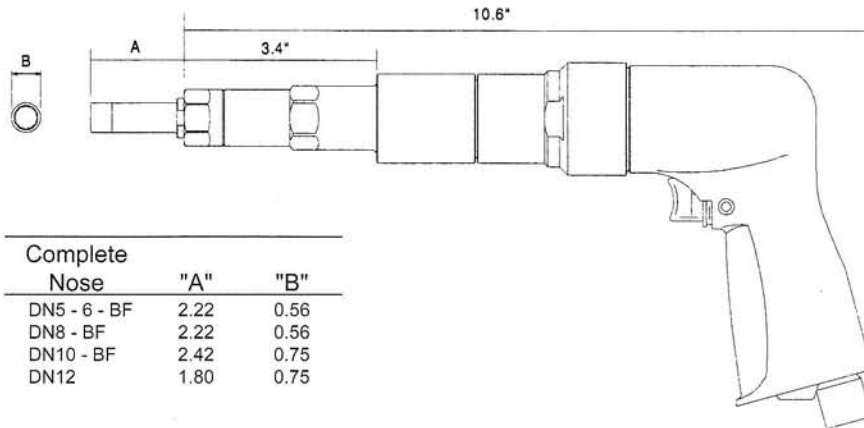
The larger blind side "footprint" of Composi-Lok II[®] is accomplished through the use of a longer sleeve and corebolt. The close quarter installation tools permit the corebolt to pass completely through the wrench. Therefore, in the -8, -10, and -12 diameters, close quarter installation is 100% interchangeable. 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 Composi-Lok II®



How To Order:

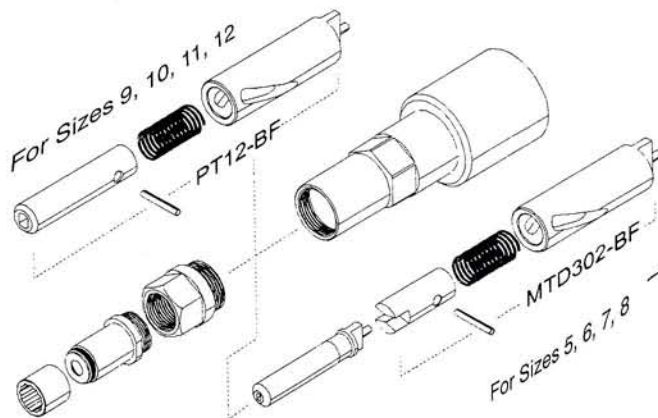
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DN8AA-BF**

Part Number Includes

- S540MTD-BF Pneumatic Pistol Driver
- MTD302-BF Master Torque Driver
- DNC8-BF Nose Tip Connector
- DNU8 Universal Nose Tip
- TD2601-BF Wrench Adapter

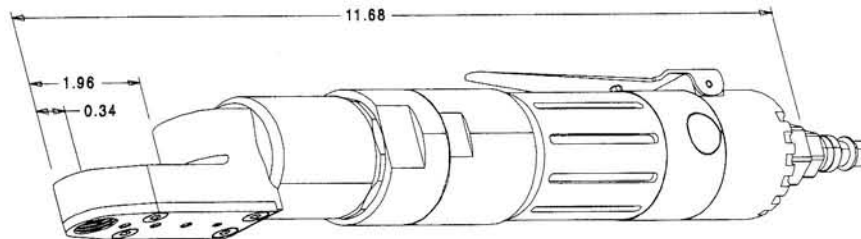
Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DN5AA-BF	DN5A-BF	DN5-6-BF	DNC5-6-BF	DNU5-6	TD1651-BF
3/16	6-()	DN6AA-BF	DN6A-BF	DN5-6-BF	DNC5-6-BF	DNU5-6	TD2001-BF
7/32	7-()	DN7AA-BF	DN7A-BF	DN8-BF	DNC8-BF	DNU8	TD7-BF
1/4	8-()	DN8AA-BF	DN8A-BF	DN8-BF	DNC8-BF	DNU8	TD2601-BF
9/32	9-()	DN10AA-BF	DN10A-BF	DN10-BF	DNC10-BF	DNU12	PT9-BF
5/16	10-()	DNPT10AA-BF	DNPT10A-BF	DNPT12	DNCPT12	DNU12	PT10-BF
11/32	11-()	DNPT12AA-BF	DNPT12A-BF	DNPT12	DNCPT12	DNU12	PT11-BF
3/8	12-()	DNPT12AA-BF	DNPT12A-BF	DNPT12	DNCPT12	DNU12	PT12-BF



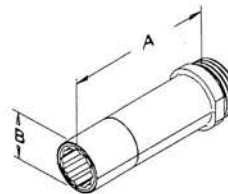
Technical Data

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:

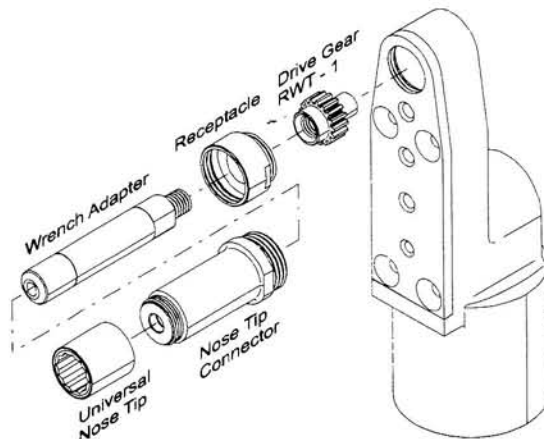
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNR8AA-BF**

Part Number Includes

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

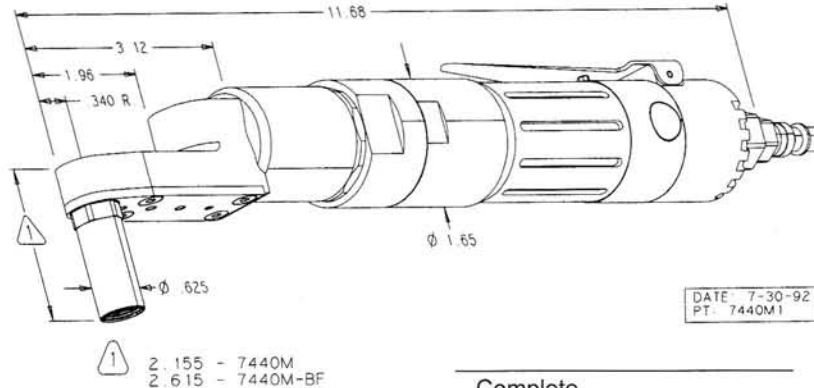
Dia.	Fastener Assembly	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DNR5AA-BF	DNR5A-BF	DN5-6-BF	DNC5-6-BF	DNUT5-6	PW4651-BF
3/16	6-()	DNR6AA-BF	DNR6A-BF	DN5-6-BF	DNC5-6-BF	DNUT5-6	PW4001-BF
7/32	7-()	DNR7AA-BF	DNR7A-BF	DN8-BF	DNC8-BF	DNUT8	PW4201-BF
1/4	8-()	DNR8AA-BF	DNR8A-BF	DN8-BF	DNC8-BF	DNUT8	PW4601-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:

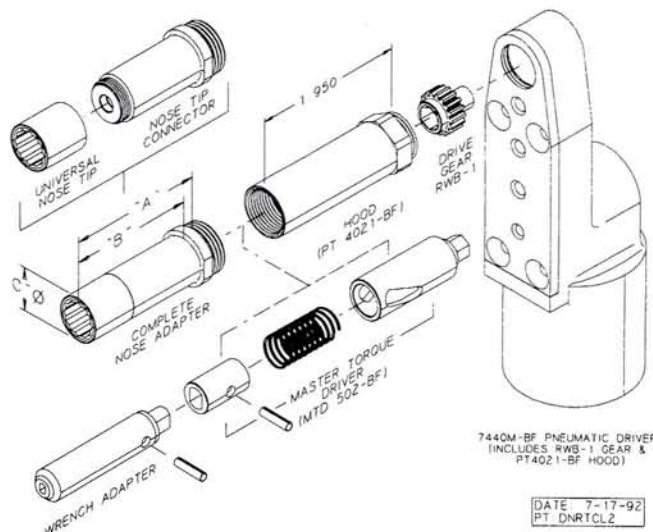
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **DNRT7AA-BF**

Part Number Includes

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

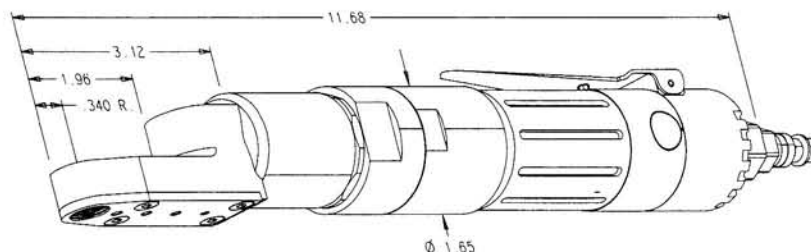
Dia.	Fastener Size	Complete Assembly	Adapter Assembly	Nose Adapter	Nose Tip Connector	Universal Nose Tip	Wrench Adapter
5/32	5-()	DNRT5AA-BF	DNRT5A-BF	DNRT5-6-BF	DNCRT5-6-BF	DNUT5-6	TD5651-BF
3/16	6-()	DNRT6AA-BF	DNRT6A-BF	DNRT5-6-BF	DNCRT5-6-BF	DNUT5-6	TD5001-BF
7/32	7-()	DNRT7AA-BF	DNRT7A-BF	DNRT8-BF	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:

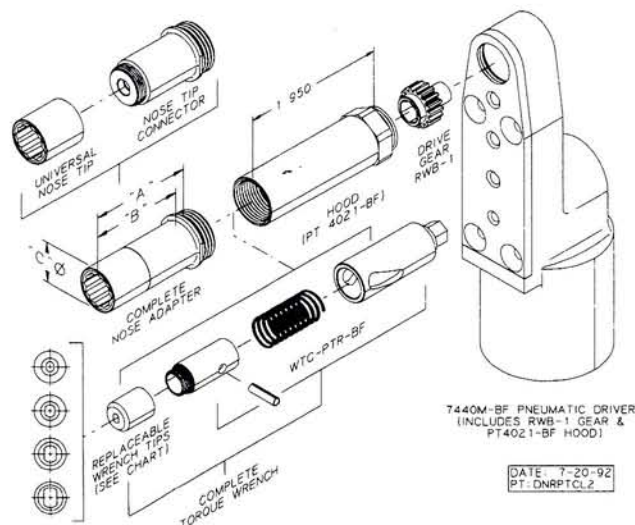
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

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	DNCRPT5-6-BF	DNUT5-6	UPTRW-5-BF	UWT-5-BF
3/16	6-()	DNRPT6AA-BF	DNRPT6A-BF	DNRPT5-6-BF	DNCRPT5-6-BF	DNUT5-6	UPTRW-6-BF	UWT-6-BF
7/32	7-()	DNRPT7AA-BF	DNRPT7A-BF	DNRPT8-BF	DNCRPT8-BF	DNUT8	UPTRW-7-BF	UWT-7-BF
1/4	8-()	DNRPT8AA-BF	DNRPT8A-BF	DNRPT8-BF	DNCRPT8-BF	DNUT8	UPTRW-8-BF	UWT-8-BF
5/16	10-()	DNRPT10AA-BF	DNRPT10A-BF	DNRPT10-BF	DNCRPT10-BF	DNUT12	UPTRW-10-BF	UWT-10-BF



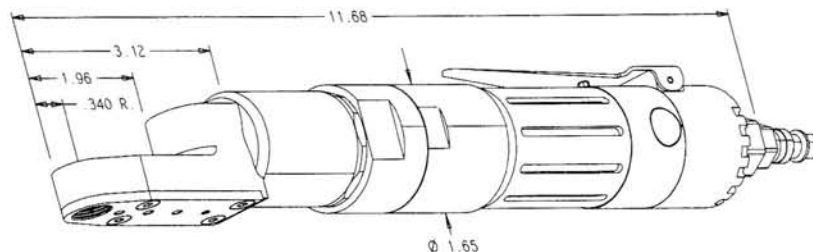
7440M-BF PNEUMATIC DRIVER
(INCLUDES RWB-1 GEAR &
PT 4021-BF HOOD)

DATE: 7-20-92
PT: DNRPTCL2

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 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:

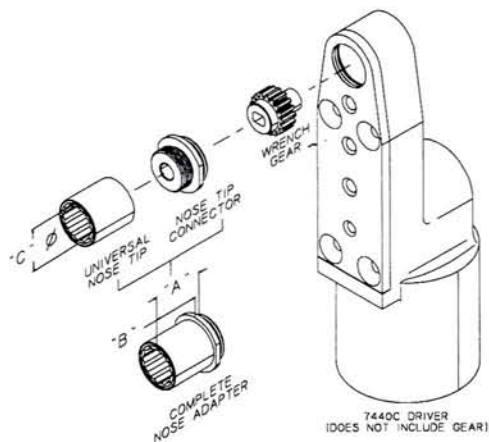
1. Select the diameter and match with the Table below
2. From the corresponding row select the complete assembly part number or the parts needed.

Example: **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	DNCRC5-6	DNUT5-6	RW5-1-BF
3/16	6-()	DNRC6AA-BF	DNRC6A-BF	DNRC5-6	DNCRC5-6	DNUT5-6	RW6-1-BF
7/32	7-()	DNRC7AA-BF	DNRC7A-BF	DNRC8	DNCRC-8	DNUT8	RW7-1-BF
1/4	8-()	DNRC8AA-BF	DNRC8A	DNRC8	DNCRC-8	DNUT8	RW8-1
9/32	9-()	DNRC10AA	DNRC10A	DNRC10	DNCRC-10	DNUT12	RW10-1
5/16	10-()	DNRC10AA	DNRC10A	DNRC10	DNCRC-10	DNUT12	RW10-1

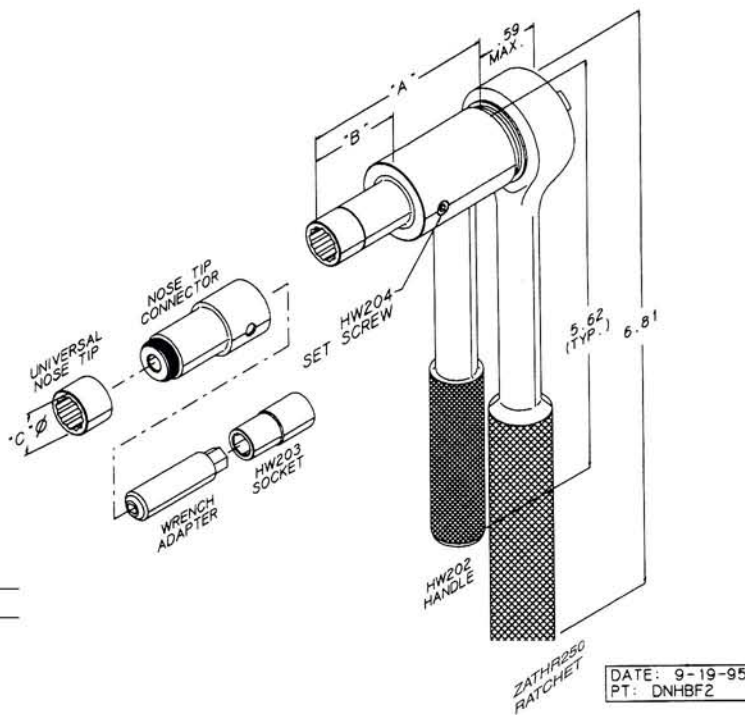


DATE: 7-13-92
PT: DNRCV2A

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.

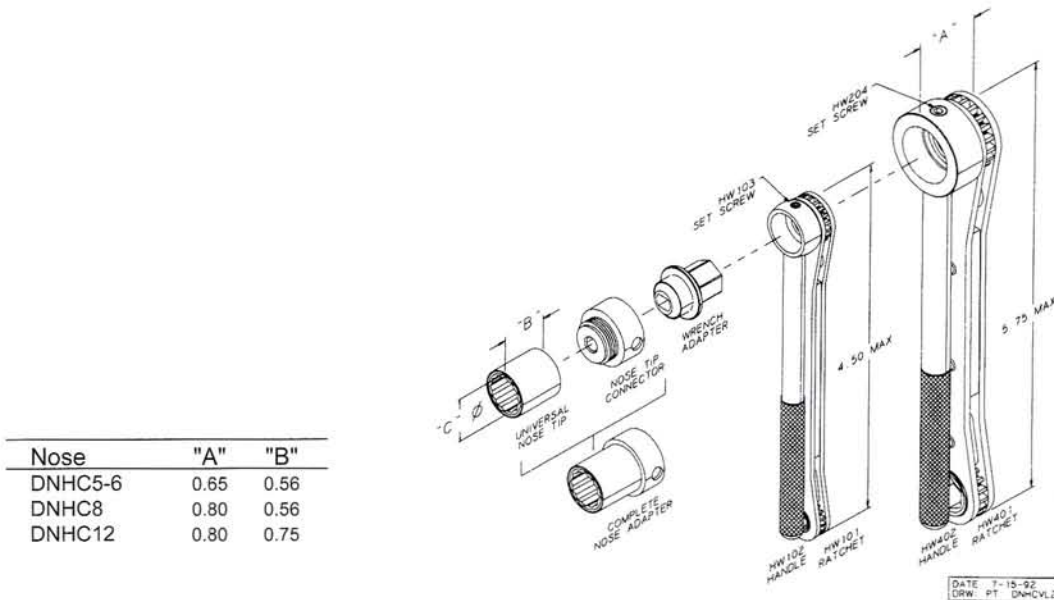
Example: **DNH5AA-BF**

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**

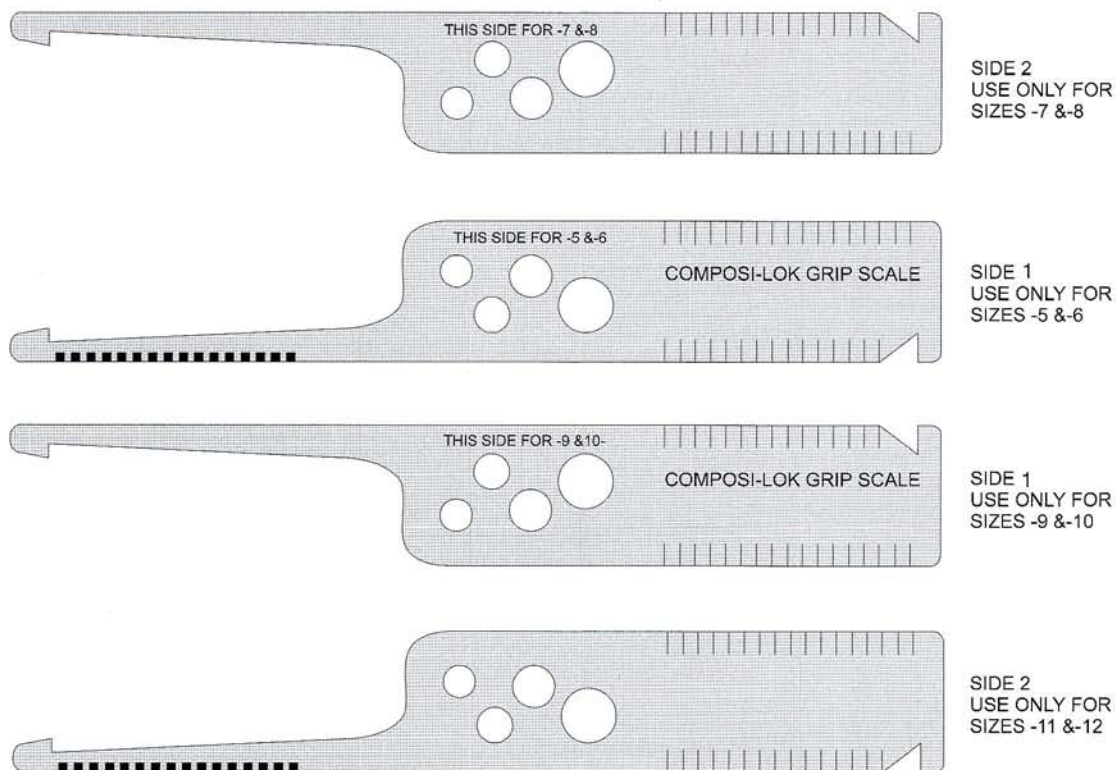
Part Number Includes

- 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	DNCHC5-6	DNUT5-6	HW5-BF
3/16	6-()	DNHC6AA-BF	HW100	DNHC6A-BF	DNHC5-6	DNCHC5-6	DNUT5-6	HW6-BF
7/32	7-()	DNHC7AA-BF	HW400	DNHC7A-BF	DNHC8	DNCHC8	DNUT8	HW7-BF
1/4	8-()	DNHC8AA	HW400	DNHC8A	DNHC8	DNCHC8	DNUT8	HW8
9/32	9-()	DNHC10AA	HW400	DNHC10A	DNHC12	DNCHC12	DNUT12	HW10
5/16	10-()	DNHC10AA	HW400	DNHC10A	DNHC12	DNCHC12	DNUT12	HW10
11/32	11-()	DNHC12AA	HW400	DNHC12A	DNHC12	DNCHC12	DNUT12	HW12
3/8	12-()	DNHC12AA	HW400	DNHC12A	DNHC12	DNCHC12	DNUT12	HW12

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

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



Selection of Grip Length

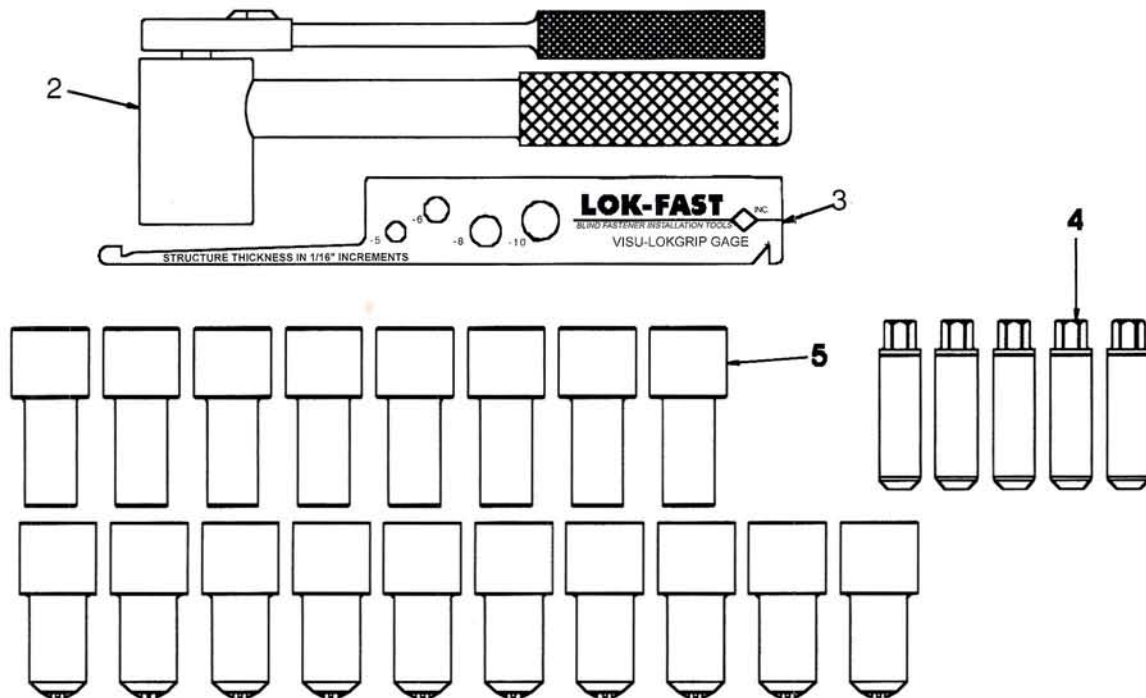
In measuring hole depth take reading where the skin surface meets the number or line on gauge. If directly on a line use either the indicated grip or the next longer grip.

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

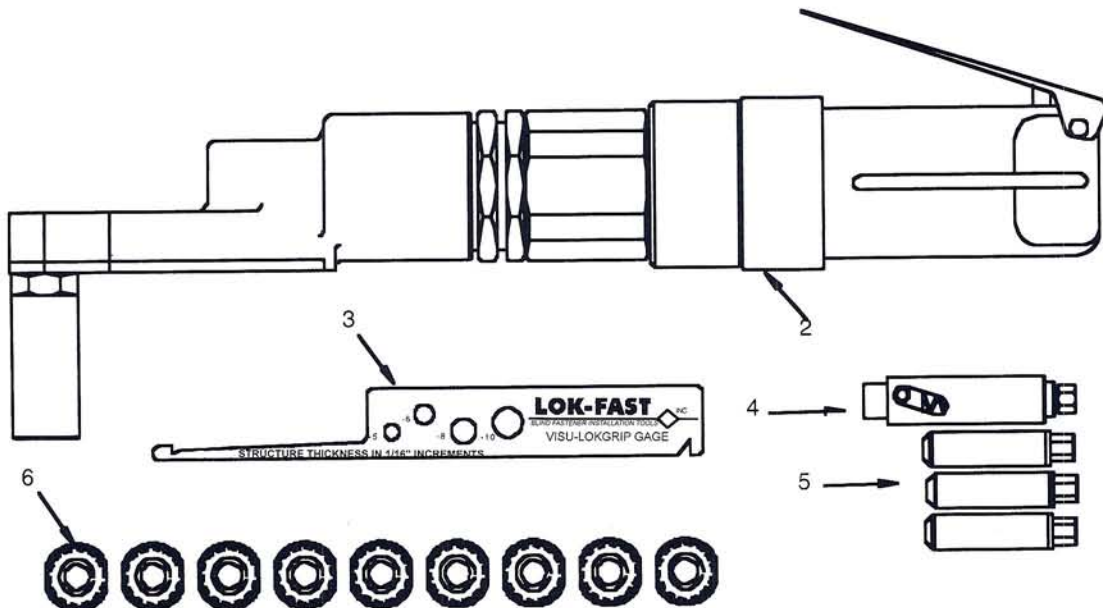
Blind Fastener Tools

4000 Kit Visu-Lok Ratchet Hand Tool



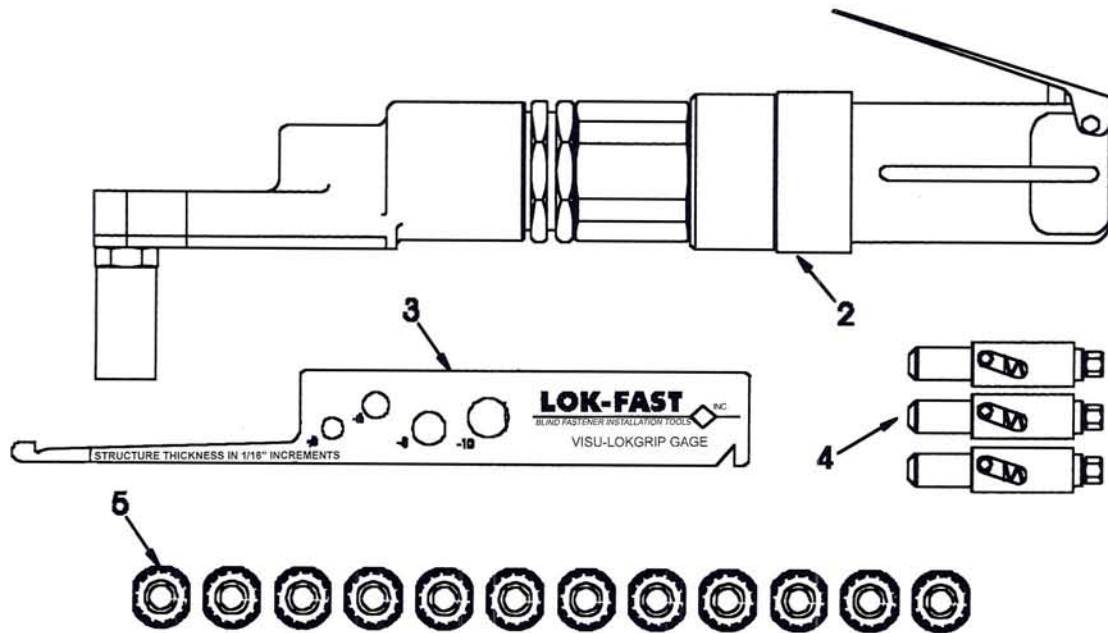
Item	Part #	Description	Item	Part #	Description
1	4020-4	Tool Box	5	HW2002P	Protruding Nose -6
2	HW300	Ratchet Hand Tool		HW2002A	Millable Nose -6
3	LFVLG-1	Visu-Lok Grip Gauge		HW2002T	Reduced Flush Nose -6
4	HW1651	Fastener Driver -5		HW2602	Flush Nose -8
	HW2001	Fastener Driver -6		HW2602P	Protruding Nose -8
	HW2601	Fastener Driver -8		HW2602A	Millable Nose -8
	HW3121	Fastener Driver -10		HW2602T	Reduced Flush Nose -8
	HW3751	Fastener Driver -12		HW3122	Flush Nose -10
5	HW1652	Flush Nose -5		HW3122P	Protruding Nose -10
	HW1652P	Protruding Nose -5		HW3122T	Reduced Flush Nose -10
	HW1652A	Millable Nose -5		HW3752	Flush Nose -12
	HW1652T	Reduced Flush Nose -5		HW3752P	Protruding Nose -12
	HW2002	Flush Nose -6		HW3752T	Reduced Flush Nose -12

4060 Kit
Composi-Lok Right Angle
Master Torque Driver Assembly



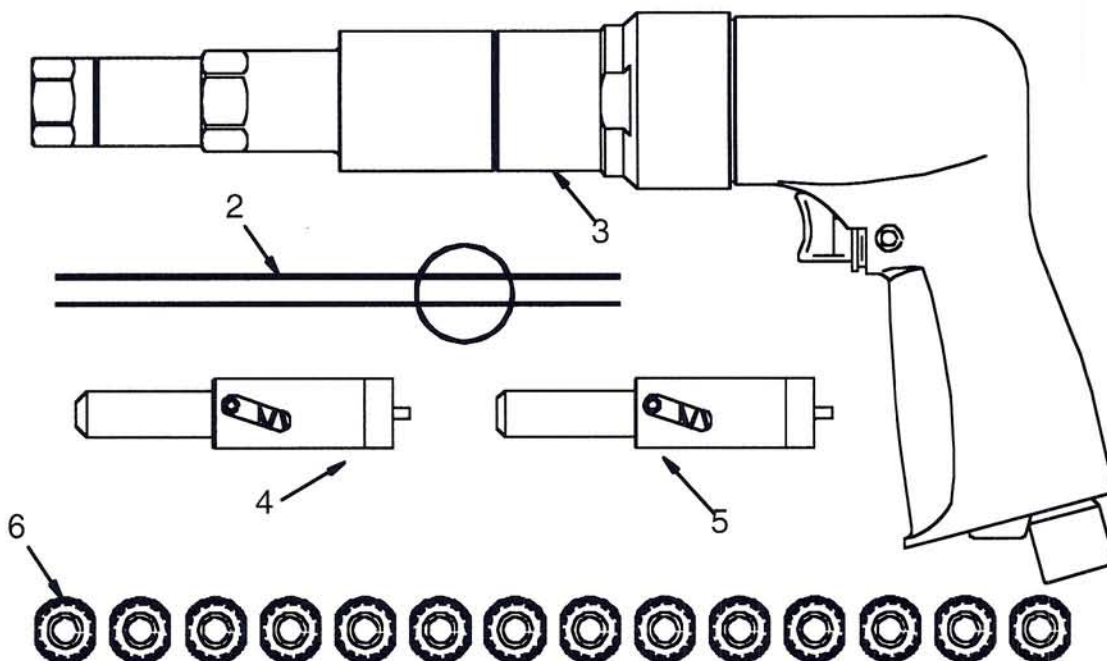
Item	Part #	Description	Item	Part #	Description
1	4020-4	Tool Box	6	TD5652P-BF	Protruding Nose 5
2	7440M-BF	Complete Driver Assy.I		TD5652-BF	Flush -5
3	LFCLG-1	Composi-Lok Grip Gauge		TD5002T-BF	Reduced Flush Nose -6
4	MTD502-BF	Master Torque Driver		TD5002P-BF	Protruding Nose -6
5	TD5651-BF	Fastener Driver -5		TD5002-BF	Flush Nose -6
	TD5001-BF	Fastener Driver -6		TD5602T-BF	Reduced Flush Nose -8
	TD5601-BF	Fastener Driver -8		TD5602P-BF	Protruding Nose -8
6	TD5652T-BF	Reduced Flush Nose -5		TD5602-BF	Flush Nose -8

4070 Kit Visu-Lok Right Angle Torque Responsive Kit



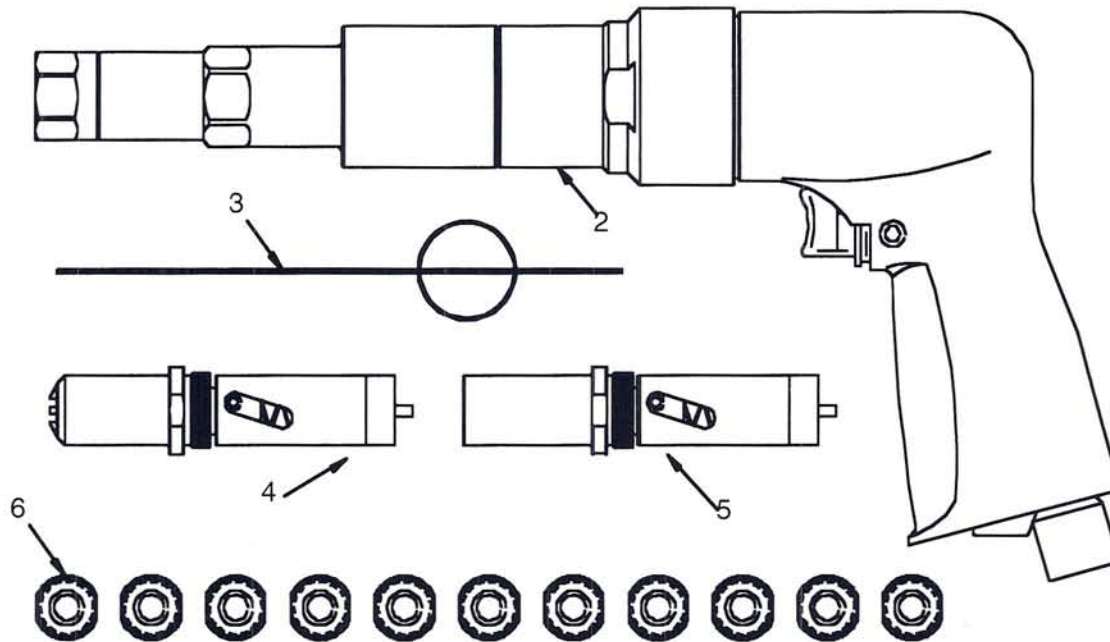
Item	Part #	Description	Item	Part #	Description
1	4020-4	Tool Box	5	PT4652T	Reduced Flush -5
2	7440M	Complete Driver Assy.I		PT4002	Flush Nose -6
3	LFVLG-1	Visu-Lok Grip Gauge		PT4002P	Protruding Nose -6
4	PT4651	Fastener Driver -5		PT4002A	Millable Nose -6
	PT4001	Fastener Driver -6		PT4002T	Reduced Flush Nose -6
	PT4601	Fastener Driver -8		PT4602	Flush Nose -8
5	PT4652	Flush Nose -5		PT4602P	Protruding Nose -8
	PT4652P	Protruding Nose -5		PT4602A	Millable Nose -8
	PT4652A	Millable Nose -5		PT4602T	Reduced Flush -8

4080 Kit Composi-Lok Pistol Master Torque Driver



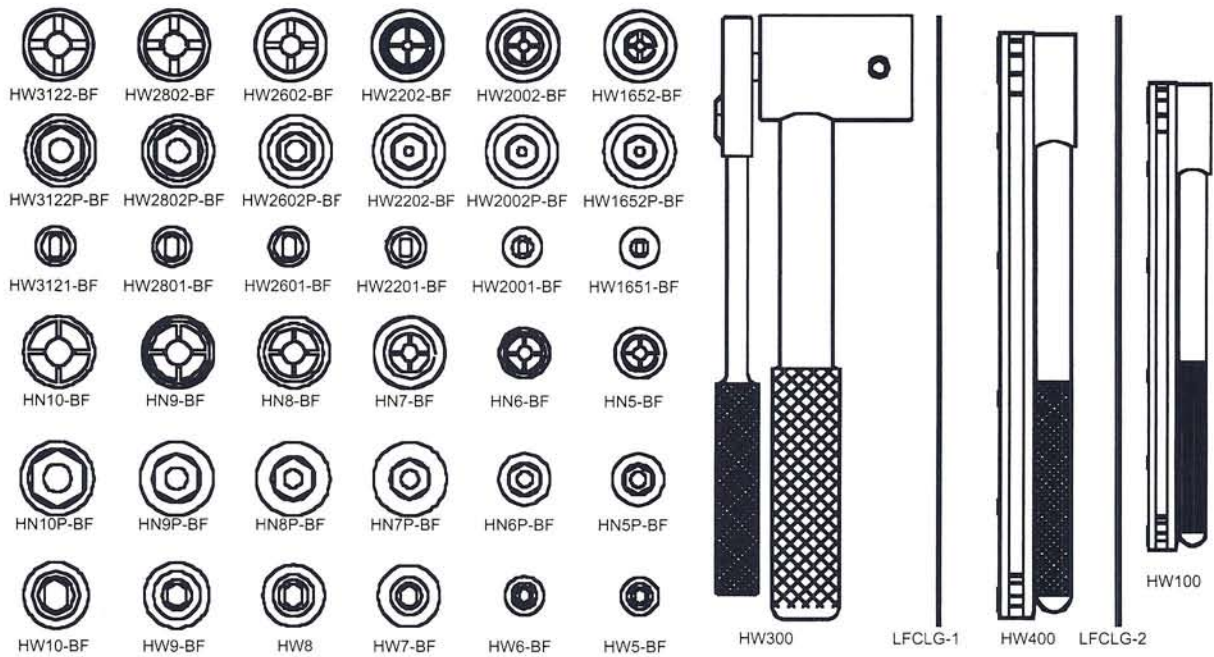
Item	Part #	Description	Item	Part #	Description
1	4020-4	Tool Box	6	PW3002T-BF	Reduced Flush Nose -6
2	S540MTD-BF	Pneumatic Motor		PW3002P-BF	Protruding Nose -6
3	LFCLG-1	Composi-Lok Grip Gauge		PW3002-BF	Flush Nose -6
	LFCLG-2	Composi-Lok Grip Gauge		PW3602T-BF	Reduced Flush Nose -8
4	PT10-BF	Fastener Driver -10		PW3602P-BF	Protruding Nose -8
5	PT12-BF	Fastener Driver -12		PW3602-BF	Flush Nose -8
6	TD1651-BF	Fastener Driver -5		PT10FT-BF	Reduced Flush Nose -10
	TD2001-BF	Fastener Driver -6		PT10P-BF	Protruding Nose -10
	TD2601-BF	Fastener Driver -8		PT10F-BF	Flush Nose -10
	PW3652T-BF	Reduced Flush Nose -5		PT12FT-BF	Reduced Flush Nose -12
	PW3652P-BF	Protruding Nose -5		PT12P-BF	Protruding Nose -12
	PW3652-BF	Flush Nose -5		PT12F-BF	Flush Nose -12

4090 Kit
Visu-Lok Pistol
Master Torque Driver

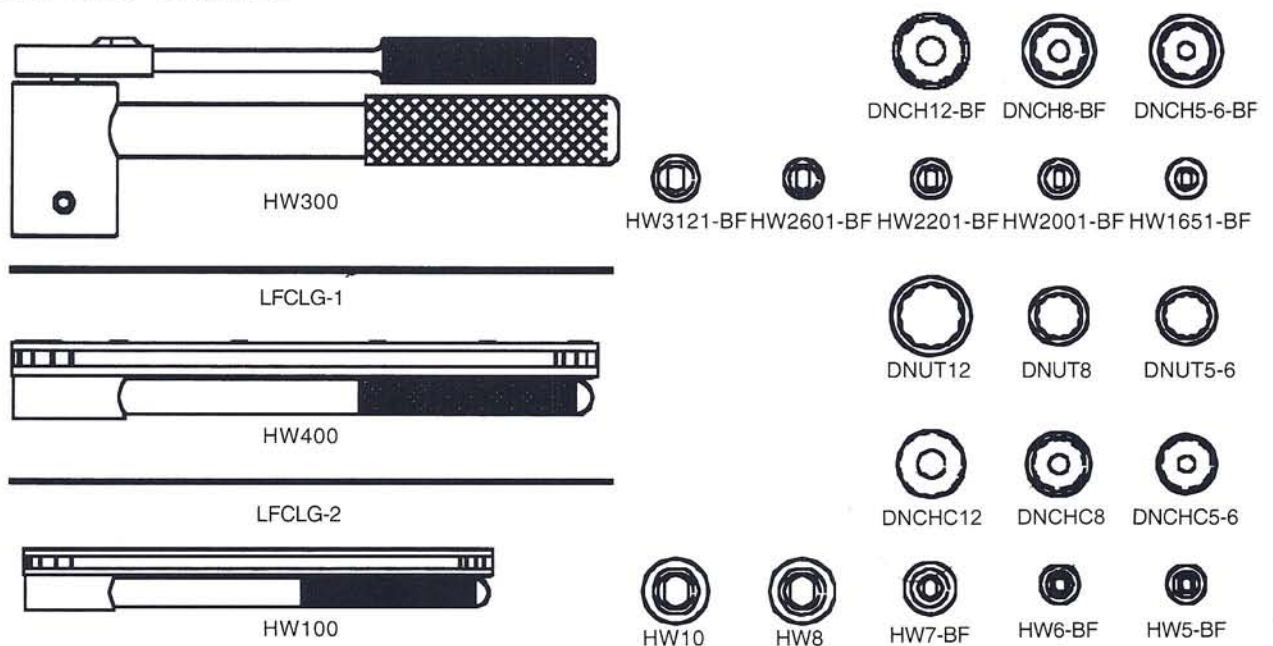


Item	Part #	Description
1	4020-4	Tool Box
2	S540MTD	Pneumatic Motor
3	LFVLG-1	Grip Gauge
4	PT375	PT Flush Nose
5	PT375P	PT Protruding Nose
6	TD165	Flush Nose
	TD165P	Protruding Nose
	TD165A	Millable Nose
	TD200	Flush Nose
	TD200P	Protruding Nose
	TD200A	Millable Nose
	TD260	Flush Nose
	TD260P	Protruding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

CLHK-101 Composi-Lok Ratchet Hand Tool Kit

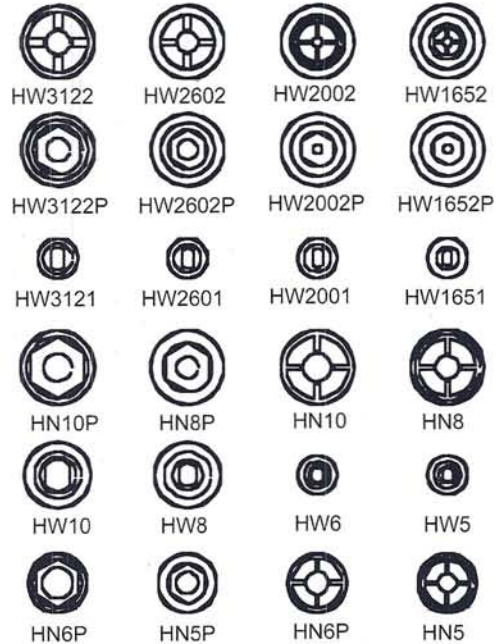
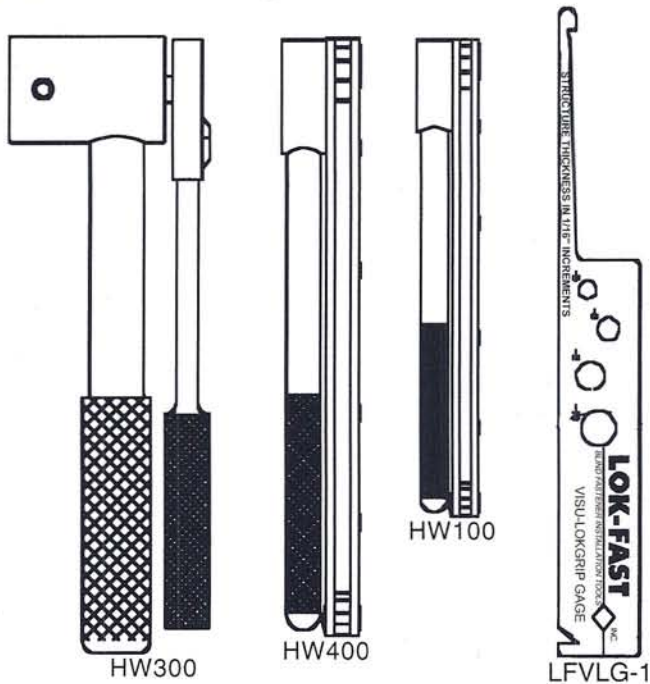


CLIIHK-101 Composi-LokII Ratchet Hand Tool Kit



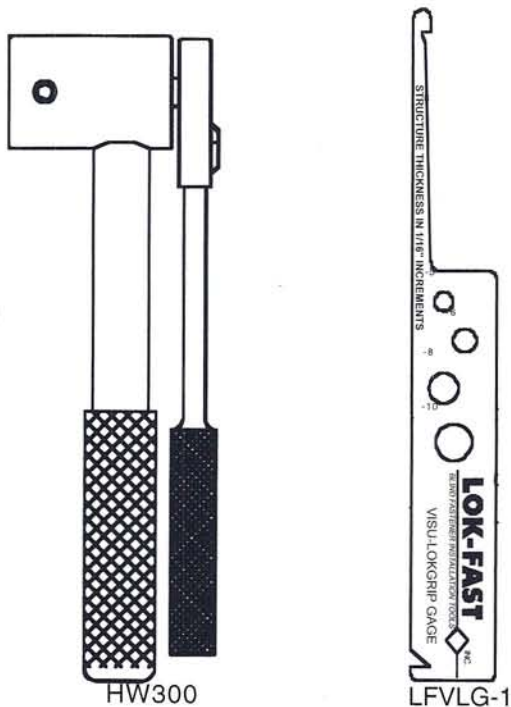
VLHK-101

Visu-Lok = Ratchet Hand Tool Kit
Flush and Protruding



VLHK-102

Visu-Lok = Ratchet Hand Tool Kit
Flush and Protruding



3060KIT VISU-LOK HAND TOOL KIT



ITEM	PART NUMBER	DESCRIPTION
1	3050-3P	Tool Box
2	LFVLG-1	Visu-Lok Grip Gage
3	HW300	Ratchet Hand Tool
4	HW1651	Flush Nose - 5
5	HW1651A	Protruding Nose - 5
6	HW1651P	Millable - 5
7	HW2002	Flush Nose - 6
8	HW2002A	Protruding Nose - 6
9	HW2002P	Millable - 6
10	HW2602	Flush Nose - 8
11	HW2602A	Protruding Nose - 8
12	HW2602P	Millable - 8
13	HW1651	Fastener Driver - 5
14	HW2001	Fastener Driver - 6
15	HW2601	Fastener Driver - 8

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MA-550	PT3022	CLUTCH-450 MTD
MGF10	4F10	BREAK OFF GAGE - ROUND - 5/16
MGF12	4F12	BREAK OFF GAGE - ROUND - 3/8
MGF5	4F5	BREAK OFF GAGE - ROUND - 5/32
MGF6	4F6	BREAK OFF GAGE - ROUND - 3/16
MGF8	4F8	BREAK OFF GAGE - ROUND - 1/4
MGFA10	A4F10-LS	BREAK OFF GAGE - 5/16
MGFA10	A4F12-LS	BREAK OFF GAGE - 3/8
MGFA5	A4F5-LS	BREAK OFF GAGE - 5/32
MGFA6	A4F6-LS	BREAK OFF GAGE - 3/16
MGFA08	A4F8-LS	BREAK OFF GAGE - 1/4
MGP 10	3P10	BREAK OFF GAGE - 5/16
MGP 12	3P12	BREAK OFF GAGE - 3/8
MGP5	3P5	BREAK OFF GAGE - 5/32
MGP6	3P6	BREAK OFF GAGE - 3/16
MGP6	3P8	BREAK OFF GAGE - 1/4
MGPA10	A3P10	BREAK OFF GAGE - 5/16
MGPA12	A3P12	BREAK OFF GAGE - 3/8
MGPA5	A3P5	BREAK OFF GAGE - 5/32
MGPA6	3PA6	BREAK OFF GAGE - 3/16
MGPA6	A3P6	BREAK OFF GAGE - 3/16
MGPA8	A3P8	BREAK OFF GAGE - 1/4
MGR10	LF5-F10	BREAK OFF GAGE - 5/16
MGR12	LF5-F10	BREAK OFF GAGE - 3/8
MGR8	LF5-F8	BREAK OFF GAGE - 1/4
MH550BF	IR1062-16-BF	BF-HOOD-MP550
MH75BF-10AA	HWF312-BF	RATCHET CPLT ASSY - 5/16
MH75BF-11AA	HWF340-BF	RATCHET CPLT ASSY - 11/32
MH75BF-12AA	HWF375-BF	HAND TOOL COMPLETE ASSY - 3/8
MH75BF-5AA	HWF165-BF	RATCHET CPLT ASSY - 5/32
MH75BF-6AA	HWF200-BF	RATCHET CPLT ASSY - 3/16
MH75BF-7AA	HWF220-BF	RATCHET CPLT ASSY - 7/32
MH75BF-8AA	HWF260-BF	RATCHET CPLT ASSY - 1/4
MH75BF-9AA	HWF280-BF	RATCHET CPLT ASSY - 9/32
MH75BFP-10AA	HWP312-BF	RATCHET CPLT ASSY - 5/16
MH75BFP-11AA	HWP340-BF	RATCHET CPLT ASSY - 11/32
MH75BFP-12AA	HWP375-BF	HAND TOOL COMPLETE ASSY - 3/8
MH75BFP-5AA	HWP165-BF	RATCHET CPLT ASSY - 5/32
MH75BFP-6AA	HWP200-BF	RATCHET CPLT ASSY - 3/16
MH75BFP-7AA	HWP220-BF	RATCHET CPLT ASSY - 7/32
MH75BFP-8AA	HWP260-BF	RATCHET CPLT ASSY - 1/4
MH75BFP-9AA	HWP280-BF	RATCHET CPLT ASSY - 9/32
MH75BFR-10AA	HWT312-BF	RATCHET CPLT ASSY - 5/16
MH75BFR-11AA	HWT340-BF	RATCHET CPLT ASSY - 11/32
MH75BFR-12AA	HWT375-BF	HAND TOOL COMPLETE ASSY - 3/8
MH75BFR-5AA	HWT165-BF	RATCHET CPLT ASSY - 5/32
MH75BFR-6AA	HWT200-BF	RATCHET CPLT ASSY - 3/16
MH75BFR-7AA	HWT220-BF	RATCHET CPLT ASSY - 7/32
MH75BFR-8AA	HWT260-BF	RATCHET CPLT ASSY - 1/4
MH75BFR-9AA	HWT280-BF	RATCHET CPLT ASSY - 9/32
MHBF-10	HW3121-BF	BF WRENCH ADAPTER - 5/16

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MHBF-11	HW3401-BF	BF WRENCH ADAPTER - 11/32
MHBF-12	HW3751-BF	HAND TOOL WRENCH ADAPTER - 3/8
MHBF-5	HW1651-BF	BF WRENCH ADAPTER - 5/32
MHBF-6	HW2001-BF	BF WRENCH ADAPTER - 3/16
MHBF-7	HW2201-BF	BF WRENCH ADAPTER - 1/4
MHBF-8	HW2601-BF	BF WRENCH ADAPTER - 1/4
MHBF-9	HW2801-BF	BF WRENCH ADAPTER - 1/4
MHC-10	HW10	WRENCH ADAPTER - 5/16
MHC-12	HW12	WRENCH CL/QTR - 3/8
MHC-5	HW5	WRENCH ADAPTER - 5/32
MHC-6	HW6	WRENCH ADAPTER - 3/16
MHC-8	HW8	WRENCH ADAPTER - 1/4
MHC75A-5AA	HWA5	CL QTR CPLT ASSY - 5/32
MHC75A-6AA	HWA6	CL QTR CPLT ASSY - 3/16
MHC75A-8AA	HWA8	CL QTR CPLT ASSY - 1/4
MHC75BF-10AA	HWF10-BF	BF CL QTR CPLT ASSY - 5/16
MHC75BF-11AA	HWF11-BF	BF CL QTR CPLT ASSY - 11/32
MHC75BF-12AA	HWF12-BF	BF CL QTR CPLT ASSY - 3/8
MHC75BF-5AA	HWF5-BF	BF CL QTR CPLT ASSY - 5/32
MHC75BF-6AA	HWF6-BF	BF CL QTR CPLT ASSY - 3/16
MHC75BF-7AA	HWF7-BF	BF CL QTR CPLT ASSY - 7/32
MHC75BF-8AA	HWF8-BF	BF CL QTR CPLT ASSY - 1/4
MHC75BF-9AA	HWF9-BF	BF CL QTR CPLT ASSY - 9/32
MHC75BFP-10A	HWP10-BF	BF CL QTR CPLT ASSY - 5/16
MHC75BFP-11A	HWP11-BF	BF CL QTR CPLT ASSY - 11/32
MHC75BFP-12A	HWP12-BF	CL QTR HAND TOOL COMPLETE ASSY - 3/8
MHC75BFP-5AA	HWP5-BF	BF CL QTR CPLT ASSY - 5/32
MHC75BFP-6AA	HWP6-BF	BF CL QTR CPLT ASSY - 3/16
MHC75BFP-7AA	HWP7-BF	BF CL QTR CPLT ASSY - 7/32
MHC75BFP-8AA	HWP8-BF	BF CL QTR CPLT ASSY - 1/4
MHC75BFP-9AA	HWP9-BF	BF CL QTR CPLT ASSY - 9/32
MHC75BFR-10A	HWT10-BF	BF CL QTR CPLT ASSY - 5/16
MHC75BFR-11A	HWT11-BF	BF CL QTR CPLT ASSY - 11/32
MHC75BFR-12A	HWT12-BF	BF CL QTR CPLT ASSY - 3/8
MHC75BFR-5AA	HWT5-BF	BF CL QTR CPLT ASSY - 5/32
MHC75BFR-6AA	HWT6-BF	BF CL QTR CPLT ASSY - 3/16
MHC75BFR-7AA	HWT7-BF	BF CL QTR CPLT ASSY - 7/32
MHC75BFR-8AA	HWT8-BF	BF CL QTR CPLT ASSY - 1/4
MHC75BFR-9AA	HWT9-BF	BF CL QTR CPLT ASSY - 9/32
MHC75F-10AA	HWF10	CL QTR CPLT ASSY - 5/16
MHC75F-12AA	HWF12	CL QTR CPLT ASSY - 3/8
MHC75F-5AA	HWF5	CL QTR CPLT ASSY - 5/32
MHC75F-6AA	HWF6	CL QTR CPLT ASSY - 3/16
MHC75F-8AA	HWF8	CL QTR CPLT ASSY - 1/4
MHC75P-10AA	HWP10	CL QTR CPLT ASSY - 5/16
MHC75P-12AA	HWP12	CL QTR CPLT ASSY - 3/8
MHC75P-5AA	HWP5	CL QTR CPLT ASSY - 5/32
MHC75P-6AA	HWP6	CL QTR CPLT ASSY - 3/16
MHC75P-8AA	HWP8	CL QTR CPLT ASSY - 1/4
MHC75R-10AA	HWT10	CL QTR CPLT ASSY - 5/16
MHC75R-12AA	HWT12	CL QTR CPLT ASSY - 3/8

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MHC75R-5AA	HWT5	CL QTR CPLT ASSY - 5/32
MHC75R-6AA	HWT6	CL QTR CPLT ASSY - 3/16
MHC75R-8AA	HWT8	CL QTR CPLT ASSY - 1/4
MHCA-5	HN5A	RATCHET CLOSE QTR - 5/32
MHCA-6	HN6A	RATCHET CLOSE QTR - 3/16
MHCA-8	HN8A	RATCHET CLOSE QTR -1/4
MHCBF-10	HW10-BF	BF WRENCH CL/QTR - 5/16
MHCBF-11	HW11-BF	BF WRENCH CL/QTR - 11/32
MHCBF-12	HW12-BF	CL QTR HAND TOOL WRENCH ADAPTER - 3/8
MHCBF-5	HW5-BF	BF CL QTR WRENCH ADAPTER - 5/32
MHCBF-6	HW6-BF	BF WRENCH ADAPTER - 3/16
MHCBF-7	HW7-BF	BF WRENCH ADAPTER - 7/32
MHCBF-8	HW8-BF	BF WRENCH ADAPTER - 1/4
MHCBF-9	HW9-BF	BF WRENCH ADAPTER - 9/32
MHCF-10	HN10	CL QTR NOSE TIP - 5/16
MHCF-12	HN12	CL QTR NOSE TIP - 3/8
MHCF-5	HN5	RATCHET CLOSE QTR - 5/32
MHCF-6	HN6	RATCHET CLOSE QTR - 3/16
MHCF-8	HN8	RATCHET CLOSE QTR - 1/4
MHCF-8	HN8	CL QTR NOSE TIP - 1/4
MHCFBF-10	HN10-BF	BF CL QTR NOSE TIP - 5/16
MHCFBF-11	HN11-BF	BF CL QTR NOSE TIP - 11/32
MHCFBF-12	HN12-BF	CL QTR HAND TOOL NOSE ADAPTER -3/8
MHCFBF-5	HN5-BF	BF CL QTR NOSE TIP - 5/32
MHCFBF-6	HN6-BF	BF CL QTR NOSE TIP - 3/16
MHCFBF-7	HN7-BF	BF CL QTR NOSE TIP - 7/32
MHCFBF-8	HN8-BF	BF CL QTR NOSE TIP - 1/4
MHCFBF-9	HN9-BF	BF CL QTR NOSE TIP - 9/32
MHCH-1	HW102	HANDLE
MHCH-4	HW402	HANDLE
MHCP-10	HN10P	CL QTR NOSE TIP - 5/16
MHCP-12	HN12P	CL QTR NOSE TIP - 3/8
MHCP-5	HN5P	RATCHET CLOSE QTR - 5/32
MHCP-6	HN6P	RATCHET CLOSE QTR - 3/16
MHCP-8	HN8P	RATCHET CLOSE QTR - 1/4
MHCPBF-10	HN10P-BF	BF CL QTR NOSE TIP - 5/16
MHCPBF-11	HN11P-BF	BF CL QTR NOSE TIP - 11/32
MHCPBF-12	HN12P-BF	HAND TOOL NOSE ADAPTER - 3/8
MHCPBF-5	HN5P-BF	BF CL QTR NOSE TIP - 5/32
MHCPBF-6	HN6P-BF	BF CL QTR NOSE TIP - 3/16
MHCPBF-7	HN7P-BF	BF CL QTR NOSE TIP - 7/32
MHCPBF-8	HN8P-BF	BF CL QTR NOSE TIP - 1/4
MHCPBF-9	HN9P-BF	BF CL QTR NOSE TIP - 9/32
MHCR-10	HN10T	CL QTR NOSE TIP - 5/16
MHCR-12	HN12T	CL QTR NOSE TIP - 3/8
MHCR-2	HW101	RATCHET
MHCR-3	HW401	RATCHET
MHCR-5	HN5T	CL QTR NOSE TIP - 5/32
MHCR-6	HN6T	CL QTR NOSE TIP - 3/16
MHCR-8	HN8T	CL QTR NOSE TIP - 1/4
MHCRBF-10	HN10T-BF	BF CL QTR NOSE TIP - 5/16

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MHCRBF-11	HN11T-BF	BF CL QTR NOSE TIP - 11/32
MHCRBF-12	HN12T-BF	HAND TOOL NOSE ADAPTER - 3/8
MHCRBF-5	HN5T-BF	BF CL QTR NOSE TIP - 5/32
MHCRABF-6	HN6T-BF	BF CL QTR NOSE TIP - 3/16
MHCRBF-7	HN7T-BF	BF CL QTR NOSE TIP - 7/32
MHCRBF-8	HN8T-BF	BF CL QTR NOSE TIP - 1/4
MHCRBF-9	HN9T-BF	BF CL QTR NOSE TIP - 9/32
MHCS-3	HW103	CL QTR RATCHET SET SCREW
MHCS-6	HW403	CL QTR RATCHET SET SCREW - 3/16
MHDA-5	HD01652A	HAND DRILL-OUT ASSY - 5/32
MHDA-6	HD02002A	HAND DRILL-OUT ASSY - 3/16
MHDA-8	HD02602A	HAND DRILL-OUT ASSY - 1/4
MHDF-10	HD03122	HAND DRILL-OUT ASSY - 5/16
MHDF-12	HD03752	HAND DRILL-OUT ASSY - 3/8
MHDF-5	HD01652	HAND DRILL-OUT ASSY - 5/32
MHDF-6	HD02002	HAND DRILL-OUT ASSY - 3/16
MHDF-8	HD02602A	HAND DRILL-OUT ASSY - 1/4
MHDP-10	HD03122P	HAND DRILL-OUT ASSY - 5/16
MHDP-12	HD03752P	HAND DRILL-OUT ASSY - 3/8
MHDP-5	HD01652P	HAND DRILL-OUT ASSY - 5/32
MHDP-6	HD02002P	HAND DRILL-OUT ASSY - 3/16
MHDP-8	HD02602P	HAND DRILL-OUT ASSY - 1/4
MHDR-10	HD03122T	HAND DRILL-OUT ASSY - 5/16
MHDR-12	HD03752T	HAND DRILL-OUT ASSY - 3/8
MHDR-5	HD01652T	HAND DRILL-OUT ASSY - 5/32
MHDR-6	HD02002T	HAND DRILL-OUT ASSY - 3/16
MHDR-8	HD02602T	HAND DRILL-OUT ASSY - 1/4
MHFBBF-10	HW3122-BF	BF-HAND TOOL NOSE ADAPTER - 5/16
MHFBBF-10A	HW3120-BF	BF-HAND TOOL ADAPTER ASSY - 5/16
MHFBBF-11	HW3402-BF	BF-HAND TOOL NOSE ADAPTER - 11/32
MHFBBF-11A	HW3400-BF	BF-HAND TOOL ADAPTER ASSY - 11/32
MHFBBF-12	HW3752-BF	HAND TOOL NOSE ADAPTER - 3/8
MHFBBF-12A	HW3750-BF	HAND TOOL ADAPTER ASSY - 3/8
MHFBBF-5	HW1652-BF	BF-HAND TOOL NOSE ADAPTER - 5/32
MHFBBF-5A	HW1650-BF	BF-HAND TOOL ADAPTER ASSY - 5/32
MHFBBF-6	HW2002-BF	BF-HAND TOOL NOSE ADAPTER - 3/16
MHFBBF-6A	HW2000-BF	BF-HAND TOOL ADAPTER ASSY - 3/16
MHFBBF-7	HW2202-BF	BF-HAND TOOL NOSE ADAPTER - 7/32
MHFBBF-7A	HW2200-BF	BF-HAND TOOL ADAPTER ASSY
MHFBBF-8	HW2602-BF	BF-HAND TOOL NOSE ADAPTER - 1/4
MHFBBF-8A	HW2600-BF	BF-HAND TOOL ADAPTER ASSY - 1/4
MHFBBF-9	HW2802-BF	BF-HAND TOOL NOSE ADAPTER - 9/32
MHFBBF-9A	HW2800-BF	BF-HAND TOOL ADAPTER ASSY - 9/32
MHPBF-10	HW3122P-BF	BF-HAND TOOL NOSE ADAPTER - 5/16
MHPBF-10A	HW3120P-BF	BF-HAND TOOL ADAPTER ASSY - 5/16
MHPBF-11	HW3402P-BF	BF-HAND TOOL NOSE ADAPTER - 11/32
MHPBF-11A	HW3400P-BF	BF-HAND TOOL ADAPTER ASSY - 11/32
MHPBF-12	HW3752P-BF	HAND TOOL NOSE ADAPTER - 3/8
MHPBF-12A	HW3750P-BF	HAND TOOL NOSE ADAPTER - 3/8
MHPBF-5	HW1652P-BF	BF-HAND TOOL NOSE ADAPTER - 5/32
MHPBF-5A	HW1650P-BF	BF-HAND TOOL ADAPTER ASYS - 5/32

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MHPBF-6	HW2002P-BF	BF-HAND TOOL NOSE ADAPTER - 3/16
MHPBF-6A	HW2000P-BF	HAND TOOL ADAPTER ASSY - 3/16
MHPBF-7	HW2202P-BF	BF-HAND TOOL NOSE ADAPTER - 7/32
MHPBF-7A	HW2200P-BF	BF-HAND TOOL ADAPTER ASSY
MHPBF-8	HW2602-BF	BF-HAND TOOL NOSE ADAPTER - 1/4
MHPBF-8A	HW2600P-BF	BF-HAND TOOL ADAPTER ASSY - 1/4
MHPBF-9	HW2802P-BF	BF-HAND TOOL NOSE ADAPTER - 9/32
MHPBF-9A	HW2800P-BF	BF-HAND TOOL ADAPTER ASSY - 9/32
MHRBF-10	HW3122T-BF	BF-HAND TOOL NOSE ADAPTER - 5/16
MHRBF-10A	HW3120T-BF	BF-HAND TOOL ADAPTER ASSY - 5/16
MHRBF-11	HW3402T-BF	BF-HAND TOOL NOSE ADAPTER - 11/32
MHRBF-11A	HW3400T-BF	BF-HAND TOOL ADAPTER ASSY - 11/32
MHRBF-12	HW3752T-BF	HAND TOOL NOSE ADAPTER - 3/8
MHRBF-12A	HW3750T-BF	HAND TOOL ADAPTER ASSY - 3/8
MHRBF-5	HW1652T-BF	BF-HAND TOOL NOSE ADAPTER - 5/32
MHRBF-5A	HW1650T-BF	BF-HAND TOOL ADAPTER ASSY - 5/32
MHRBF-6	HW2002T-BF	BF-HAND TOOL NOSE ADAPTER - 3/16
MHRBF-6A	HW2000T-BF	BF-HAND TOOL ADAPTER ASSY - 3/16
MHRBF-7	HW2202T-BF	BF-HAND TOOL NOSE ADAPTER - 7/32
MHRBF-7A	HW2200T-BF	BF-HAND TOOL ADAPTER ASSY
MHRBF-8	HW2602T-BF	BF-HAND TOOL NOSE ADAPTER - 1/4
MHRBF-8A	HW2600T-BF	BF-HAND TOOL ADAPTER ASSY - 1/4
MHRBF-9	HW2802T-BF	BF-HAND TOOL NOSE ADAPTER - 9/32
MHRBF-9A	HW2800T-BF	BF-HAND TOOL ADAPTER ASSY - 9/32
MHTA-5	TOR1652A	HAND TORQUE ADAPTER - 5/32
MHTA-6	TOR2020A	HAND TORQUE ADAPTER - 3/16
MHTA-8	TOR2602A	HAND TORQUE ADAPTER - 1/4
MHTF-10	TOR3122	NOSE ADAPTER SQ DRIVE - 5/16
MHTF-12	TOR3752	NOSE ADAPTER SQ DRIVE - 3/8
MHTF-5	TOR1652	NOSE ADAPTER SQ DRIVE - 5/32
MHTF-6	TOR2002	NOSE ADAPTER SQ DRIVE - 3/16
MHTF-8	TOR2602A	NOSE ADAPTER SQ DRIVE - 1/4
MHTFBF-10	TOR3122-BF	BF HAND TORQUE ADAPTER - 5/16
MHTFBF-11	TOR3402-BF	BF HAND TORQUE ADAPTER - 11/32
MHTFBF-12	TOR3752-BF	HAND TORQUE ADAPTER - 3/8
MHTFBF-5	TOR1652-BF	BF HAND TORQUE ADAPTER - 5/32
MHTFBF-6	TOR2002-BF	BF HAND TORQUE ADAPTER - 3/16
MHTFBF-7	TOR2202-BF	BF HAND TORQUE ADAPTER - 7/32
MHTFBF-8	TOR2602-BF	BF HAND TORQUE ADAPTER - 1/4
MHTFBF-9	TOR2802-BF	BF HAND TORQUE ADAPTER - 9/32
MHTP-10	TOR3122P	NOSE ADAPTER SQ DRIVE - 5/16
MHTP-12	TOR3752P	NOSE ADAPTER SQ DRIVE - 3/8
MHTP-5	TOR1652P	NOSE ADAPTER SQ DRIVE - 5/32
MHTP-6	TOR1652P	NOSE ADAPTER SQ DRIVE - 3/16
MHTP-6	TOR2002P	HAND TORQUE ADAPTER - 3/16
MHTP-8	TOR2602P	NOSE ADAPTER SQ DRIVE - 1/4
MHTPBF-10	TOR3122P-BF	BF HAND TORQUE ADAPTER - 5/16
MHTPBF-11	TOR3402P-BF	BF HAND TORQUE ADAPTER - 11/32
MHTPBF-12	TOR3752P-BF	HAND TORQUE ADAPTER - 3/8
MHTPBF-5	TOR1652P-BF	BF HAND TORQUE ADAPTER - 5/32
MHTPBF-6	TOR2002P-BF	BF HAND TORQUE ADAPTER - 3/16

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MHTPBFB-7	TOR2202P-BF	BF HAND TORQUE ADAPTER - 7/32
MHTPBFB-8	TOR2602P-BF	BF HAND TORQUE ADAPTER - 1/4
MHTPBFB-9	TOR2802-BF	BF HAND TORQUE ADAPTER - 9/32
MHTR-10	TOR3122T	HAND TORQUE ADAPTER - 5/16
MHTR-12	TOR3752T	HAND TORQUE ADAPTER - 3/8
MHTR-5	TOR1652T	HAND TORQUE ADAPTER - 5/32
MHTR-6	TOR2002T	HAND TORQUE ADAPTER - 3/16
MHTR-8	TOR2602T	HAND TORQUE ADAPTER - 1/4
MHTRBF-6	TOR2002T-BF	BF HAND TORQUE ADAPTER - 3/16
MHTRBF-7	TOR2202T-BF	BF HAND TORQUE ADAPTER - 7/32
MHTRBF-8	TOR2602T-BF	BF HAND TORQUE ADAPTER - 1/4
MHTRBF-9	TOR2802T-BF	BF HAND TORQUE ADAPTER - 9/32
MLFA-8	HW2602A	NOSE ADAPTER 1/4 (M)
MLH-10	HW3121	WRENCH ADAPTER - 5/16
MLH-12	HW3751	WRENCH ADAPTER - 3/8
MLH-5	HW1651	WRENCH ADAPTER - 5/32
MLH-6	HW2001	WRENCH ADAPTER - 3/16
MLH-8	HW2601	WRENCH ADAPTER - 1/4
MLH75	HW200	HAND TOOL DRIVER ASSY
MLH75	HW300	HAND TOOL DRIVER ASSY - 6, 8
MLH75A-5AA	HWA165	RATCHET CPLT ASSY - 5/32
MLH75A-6AA	HWA200	RATCHET CPLT ASSY - 3/16
MLH75A-8AA	HWA260	RATCHET CPLT ASSY - 1/4
MLH75F-12AA	HWF312	RATCHET CPLT ASSY - 3/8
MLH75F-12AA	HWF375	RATCHET CPLT ASSY - 3/8
MLH75F-5AA	HWF165	RATCHET CPLT ASSY - 5/32
MLH75F-6AA	HWF200	RATCHET CPLT ASSY - 3/16
MLH75F-8AA	HWF260	RATCHET CPLT ASSY - 1/4
MLH75P-10AA	HWP312	RATCHET CPLT ASSY - 5/16
MLH75P-12AA	HWP375	RATCHET CPLT ASSY - 3/8
MLH75P-5AA	HWP165	RATCHET CPLT ASSY - 5/32
MLH75P-6AA	HWP200	RATCHET CPLT ASSY - 3/16
MLH75P-8AA	HWP260	RATCHET CPLT ASSY - 1/4
MLH75R-10AA	HWT312	RATCHET CPLT ASSY - 5/16
MLH75R-12AA	HWT375	RATCHET CPLT ASSY - 3/8
MLH75R-5AA	HWT165	RATCHET CPLT ASSY - 5/32
MLH75R-6AA	HWT200	RATCHET CPLT ASSY - 3/16
MLH75R-8AA	HWT260	RATCHET CPLT ASSY - 1/4
MLHA-5	HW1652A	NOSE ADAPTER - 5/32 (M)
MLHA-5A	HW1650A	HAND TOOL ADAPTER ASSY - 5/32
MLHA-6	HW2002A	NOSE ADAPTER - 3/16 (M)
MLHA-6A	HW2000A	HAND TOOL ADAPTER ASSY - 3/16
MLHA-8A	HW2600A	HAND TOOL ADAPTER ASSY - 1/4
MLHF-10	HW3122	NOSE ADAPTER 5/16 (F)
MLHF-10A	HW3120	HAND TOOL ADAPTER ASSY - 5/16
MLHF-12	HW3752	HAND TOOL NOSE ADAPTER - 3/8
MLHF-12A	HW3750	HAND TOOL ADAPTER ASSY - 3/8
MLHF-5	HW1652	HAND TOOL NOSE ADAPTER - 5/32
MLHF-5A	HW1650	HAND TOOL ADAPTER ASSY - 5/32
MLHF-6	HW2002	NOSE ADAPTER 3/16 (F)
MLHF-6A	HW2000	HAND TOOL ADAPTER ASY - 3/16

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MLHF-8	HW2602	NOSE ADAPTER 1/4 (F)
MLHF-8A	HW2600	HAND TOOL ADAPTER ASSY - 1/4
MLHH-2	HW202	HANDLE - STD HAND TOOL
MLHP-10	HW3122P	NOSE ADAPTER 5/16 (P)
MLHP-10A	HW3120P	HAND TOOL ADAPTER ASSY - 5/16
MLHP-12	HW3752P	HAND TOOL NOSE ADAPTER - 3/8
MLHP-12A	HW3750P	HAND TOOL ADAPTER ASSY - 3/8
MLHP-5	HW1652P	NOSE ADAPTER - 5/32 (P)
MLHP-5A	HW1650P	HAND TOOL ADAPTER ASSY - 5/32
MLHP-6	HW2002P	NOSE ADAPTER - 3/16 (P)
MLHP-6A	HW2000P	BF-HAND TOOL ADAPTER ASSY - 3/16
MLHP-8	HW2602P	NOSE ADAPTER 1/4 (P)
MLHP-8A	HW2600P	HAND TOOL ADAPTER ASSY - 1/4
MLHR-1	HW201	RATCHET
MLHR-10	HW3122T	HAND TOOL NOSE ADAPTER - 5/16
MLHR-10A	HW3120T	HAND TOOL ADAPTER ASSY - 5/16
MLHR-12	HW3752T	HAND TOOL NOSE ADAPTER - 3/8
MLHR-12A	HW3750T	HAND TOOL ADAPTER ASSY - 3/8
MLHR-2	HW301	RATCHET - 6, 8
MLHR-5	HW1652T	HAND TOOL NOSE ADAPTER - 5/32
MLHR-5A	HW1650T	HAND TOOL ADAPTER ASSY - 5/32
MLHR-6	HW2002T	HAND TOOL NOSE ADAPTER - 3/16
MLHR-6A	HW2000T	BF-HAND TOOL ADAPTER ASSY - 3/16
MLHR-8	HW2602T	HAND TOOL NOSE ADAPTER - 1/4
MLHR-8A	HW2600T	HAND TOOL ADAPTER ASSY - 1/4
MLHS-3	HW203	RATCHET SOCKET - 1/4
MLHS-4	HW204	RATCHET SET SCREW
MLP-10	PW3121	WRENCH ADAPTER - 5/16
MLP-5	PW3651	WRENCH ADAPTER - 5/32
MLP-6	PW3001	WRENCH ADAPTER - 3/16
MLPF-5A	DO365	DRILL OUT ASSY - 5/32 (F)
MLPF-6A	DO300	DRILL OUT ASSY - 3/16 (F)
MLPF-8A	DO360	DRILL OUT ASSY - 1/4 (F)
MLPP-5A	DO365P	DRILL OUT ASSY - 5/32 (P)
MLPP-6A	DO300P	DRILL OUT ASSY - 3/16 (P)
MLPP-8A	DO360P	DRILL OUT ASSY - 1/4 (P)
MN-550	PT3021R	HOOD REDUCER
MP-10	TD3121	WRENCH ADAPTER - 5/16
MP-12	TD3751	WRENCH ADAPTER - 3/8
MP-5	TD1651	WRENCH ADAPTER - 5/32
MP-6	TD2001	WRENCH ADAPTER - 3/16
MP-8	TD2601	WRENCH ADAPTER - 1/4
MP550	S450MTD	TORQUE PNEUMATIC PISTOL
MP550BF	S540MTD-BF	BF-TORQUE PNEUMATIC PISTOL
MPA-5	PW3652A	NOSE ADAPTER - 5/32 - MILLABLE
MPA-5	PW3652P	NOSE ADAPTER - 5/32 (P)
MPA-5A	TD165A	ADAPTER ASSY - 5/32
MPA-6	PW3002A	NOSE ADAPTER - 3/16 - MILLABLE
MPA-6A	TD200A	ADAPTER ASSY - 3/16
MPA-8	PW3602A	NOSE ADAPTER - 1/4 - MILLABLE
MPA-8A	TD260A	ADAPTER ASSY - 1/4

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MPAD-5	DO1652A	DRILL-OUT NOSE ADAPTER - 5/32
MPAD-5A	MDO365A	DRILL-OUT ASSY - 450 MTD
MPAD-6	DP2002A	DRILL-OUT NOSE ADAPTER - 3/16
MPAD-6A	MDO300A	DRILL-OUT ASSY - 450 MTD
MPAD-8	DO2602A	DRILL-OUT NOSE ADAPTER - 1/4
MPAD-8A	MDO360A	DRILL-OUT ASSY - 450 MTD
MPBF-5	TD1651-BF	WRENCH ADAPTER - 5/32
MPBF-5	TD1651-BF	BF WRENCH ADAPTER - 5/32
MPBF-6	TD2001-BF	WRENCH ADAPTER - 3/16
MPBF-7	TD7-BF	WRENCH ADAPTER - 7/32
MPBF-8	TD2601-BF	WRENCH ADAPTER - 1/4
MPD-10	DO1655-10	DRILL - 5/16
MPD-12	DO1655-12	DRILL - 3/8
MPD-5	DO1655-5	DRILL - 5/32
MPD-6	DO1655-6	DRILL - 3/16
MPD-8	DO1655-8	DRILL - 1/4
MPDD-1	MDO1657	DRIVER EXT'N - 5,6,8 DRILLS - MDL 450 MTD
MPDD-2	DO1656	DRILL-OUT DRIVER FOR -10 & -12 DRILLS
MPDD-2	MDO1656	-10 & -12 DRILLS - MDL 450 MTD
MPDR-1	DO1654	DRILL-OUT RECEPTACLE
MPDS-1	DO1653	DRILL-OUT ASSY SPRING
MPE-2A	M3025-2	EXT. ASSY - MODEL 450 MTD
MPE-3A	M3025-3	EXT. ASSY - MODEL 450 MTD
MPE-4A	M3025-4	EXT. ASSY - MODEL 450 MTD
MPF-10	PW3122	NOSE ADAPTER - 5/16 - FLUSH
MPF-10A	TD312	ADAPTER ASSY - 1/4
MPF-12	PT3752	NOSE ADAPTER - 3/8 - FLUSH
MPF-12A	PT375	ADAPTER ASSY - 3/8
MPF-5A	TD165	ADAPTER ASSY - 5/32
MPF-6	PW3002	NOSE ADAPTER - 3/16 (F)
MPF-6A	TD200	ADAPTER ASSY - 3/16
MPF-8A	TD260	ADAPTER ASSY - 1/4
MPFBF-5	PW3652-BF	BF-NOSE ADAPTER - 5/32 - FLUSH
MPFBF-5A	TD165-BF	BF ADAPTER ASSY - 5/32
MPFBF-6	PW3002-BF	BF-NOSE ADAPTER - 3/16 - FLUSH
MPFBF-6A	TD200-BF	TOOL ADAPTER ASSY - 3/16
MPFBF-6A	TD200-BF	BF ADAPTER ASSY - 3/16
MPFBF-7	PW7F-BF	BF-NOSE ADAPTER - 7/32 - FLUSH
MPFBF-7A	TD220-BF	TOOL ADAPTER ASSY - 7/32
MPFBF-8	PW3602-BF	BF-NOSE ADAPTER - 1/4 - FLUSH
MPFBF-8A	TD260-BF	TOOL ADAPTER ASSY - 1/4
MPFD-10	DO3122	DRILL-OUT NOSE ADAPTER - 5/16 - FLUSH
MPFD-10A	MDO312	DRILL-OUT ASSY - 450 MTD
MPFD-12	DO3752	DRILL-OUT NOSE ADAPTER - 3/8 - FLUSH
MPFD-12A	MDO375	DRILL-OUT ASSY - 450 MTD
MPFD-5	DO1652A	DRILL-OUT NOSE ADAPTER - 5/32 - FLUSH
MPFD-5A	MDO365A	DRILL-OUT ASSY - 5/32 (F)
MPFD-6	DO2002	DRILL-OUT NOSE ADAPTER - 3/16 - FLUSH
MPFD-6A	MDO300	DRILL-OUT ASSY - 3/16 (F)
MPFD-8	DO2602	DRILL-OUT NOSE ADAPTER - 1/4 - FLUSH
MPFD-8A	MDO360A	DRILL-OUT ASSY - 1/4 (F)

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MPN-2	M30252-2	EXTENSION - NOSE - MODEL 450 MTD
MPN-3	M30252-3	EXTENSION - NOSE - MODEL 450 MTD
MPN-4	M30252-4	EXTENSION - NOSE - MODEL 450 MTD
MPP-10	PW3122P	NOSE ADAPTER - 5/16 - PROTRUDING
MPP-10A	TD312P	ADAPTER ASSY - 5/16
MPP-12	PT3752P	NOSE ADAPTER - 3/8 - PROTRUDING
MPP-12A	PT375P	ADAPTER ASSY - 3/8
MPP-5	PW3652	NOSE ADAPTER - 5/32 (F)
MPP-5A	TD165P	ADAPTER ASSY - 5/32
MPP-6	PW3002P	NOSE ADAPTER - 3/16 (P)
MPP-6A	TD200P	ADAPTER ASSY - 3/16
MPP-8	PW3602	NOSE ADAPTER - 1/4 (P)
MPP-8	PW3602P	NOSE ADAPTER - 1/4 - PROTRUDING
MPP-8A	TD260P	ADAPTER ASSY - 1/4
MPPBF-5	PW3652P-BF	BF-NOSE ADAPTER - 5/32 - PROTRUDING
MPPBF-5A	TD165P-BF	BF ADAPTER ASSY - 5/32
MPPBF-6	PW3002P-BF	BF-NOSE ADAPTER - 3/16 - PROTRUDING
MPPBF-6A	TD200P-BF	BF ADAPTER ASSY - 3/16
MPPBF-7	PW7P-BF	BF-NOSE ADAPTER - 7/32 - PROTRUDING
MPPBF-7A	TD220P-BF	BF ADAPTER ASSY - 7/32
MPPBF-8	PW3602P-BF	NOSE ADAPTER - 5/32 - 1/4
MPPBF-8	PW3602P-BF	BF-NOSE ADAPTER - 1/4 - PROTRUDING
MPPBF-8A	TD260P-BF	BF ADAPTER ASSY - 1/4
MPPD-10	DO3122P	DRILL-OUT NOSE ADAPTER - 5/16 - PROTRUDING
MPPD-10A	MDO312P	DRILL-OUT ASSY - 450 MTD
MPPD-12	DO3752P	DRILL-OUT NOSE ADAPTER - 3/8 - PROTRUDING
MPPD-12A	MDO375P	DRILL-OUT ASSY - 450 MTD
MPPD-5	DO1652P	DRILL-OUT NOSE ADAPTER - 5/32 - PROTRUDING
MPPD-5A	MDO365P	DRILL-OUT ASSY - 5/32 (P)
MPPD-6	DO2002P	DRILL-OUT NOSE ADAPTER - 3/16 - PROTRUDING
MPPD-6A	MDO300P	DRILL-OUT ASSY - 3/16 (P)
MPPD-8	DO2602P	DRILL-OUT NOSE ADAPTER - 1/4 - PROTRUDING
MPPD-8A	MDO360P	DRILL-OUT ASSY - 1/4 (P)
MPR-10	PW3122T	NOSE ADAPTER - 5/16 - REDUCED FLUSH
MPR-10A	TD312T	ADAPTER ASSY - 5/16
MPR-12	PT3752T	NOSE ADAPTER - 3/8 - REDUCED FLUSH
MPR-12A	PT375T	ADAPTER ASSY - 3/8
MPR-5	PW3652T	NOSE ADAPTER - 5/32 - REDUCED FLUSH
MPR-5A	TD165T	ADAPTER ASSY - 5/32
MPR-6	PW3002T	NOSE ADAPTER - 3/16 - REDUCED FLUSH
MPR-6A	TD200T	ADAPTER ASSY - 3/16
MPR-8	PW3602T	NOSE ADAPTER - 1/4 - REDUCED FLUSH
MPR-8A	TD260T	ADAPTER ASSY - 1/4
MPRBF-5	PW3652T-BF	BF-NOSE ADAPTER - 5/32 - REDUCED FLUSH
MPRBF-5A	TD165T-BF	BF ADAPTER ASSY - 5/32
MPRBF-6	PW3002T-BF	BF-NOSE ADAPTER - 3/16 - REDUCED FLUSH
MPRBF-6A	TD200T-BF	BF ADAPTER ASSY - 3/16
MPRBF-7	PW7FT-BF	BF-NOSE ADAPTER - 7/32 - REDUCED FLUSH
MPRBF-7A	TD220T-BF	BF ADAPTER ASSY - 7/32
MPRBF-8	OW3602T-BF	BF-NOSE ADAPTER - 1/4 - REDUCED FLUSH
MPRBF-8A	TD260T-BF	BF ADAPTER ASSY - 1/4

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MPRD-10A	MDO312T	DRILL-OUT ASSY - 450 MTD
MPRD-12	DO3752T	DRILL-OUT NOSE ADAPTER - 3/8 - FLUSH
MPRD-12A	MDO375T	DRILL-OUT ASSY - 450 MTD
MPRD-5	DO1652T	DRILL-OUT NOSE ADAPTER - 5/32 RED FLUSH
MPRD-5A	MDO365T	DRILL-OUT ASSY - 450 MTD
MPRD-6	DO2002T	DRILL-OUT NOSE ADAPTER - 3/16 - RED FLUSH
MPRD-6A	MDO300T	DRILL-OUT ASSY - 450 MTD
MPRD-8	DO2602T	DRILL-OUT NOSE ADAPTER - 1/4 - PROTRUDING
MPRD-8A	MDO360T	DRILL-OUT ASSY - 450 MTD
MPTBF-10	PT10-BF	WRENCH ADAPTER - 9/32
MPTBF-11	PT11-BF	BF-WRENCH ADAPTER - 11/32
MPTBF-12	PT12-BF	WRENCH ADAPTER - 3/8
MPTBF-12	PT12P-BF	NOSE ADAPTER 9/32 - 3/8
MPTBF-12	PT9-BF	WRENCH ADAPTER - 3/8
MPTBF-9	PT10F-BF	BF-WRENCH ADAPTER - 9/32
MPTFBF-10	PT312-BF	BF-NOSE ADAPTER - 5/16 - FLUSH
MPTFBF-10A	PT11F-BF	BF ADAPTER ASSY - 5/16
MPTFBF-11	PT340-BF	BF-NOSE ADAPTER - 11/32 -FLUSH
MPTFBF-11A	PT12F-BF	BF ADAPTER ASSY - 11/32
MPTFBF-12	PT375-BF	NOSE ADAPTER - 3/8
MPTFBF-12A	PT9F-BF	ADAPTER ASSY - 3/8
MPTFBF-9A	PT10P-BF	BF ADAPTER ASSY - 9/32
MPTFBF-9A	PT280-BF	TOOL ADAPTER ASSY - 9/32
MPTPBF-10	PT312P-BF	BF-NOSE ADAPTER - 5/16 - PROTRUDING
MPTPBF-10A	PT11P-BF	BF ADAPTER ASSY - 5/16
MPTPBF-11	PT340P-BF	BF-NOSE ADAPTER - 11/32 - PROTRUDING
MPTPBF-11A	PT9P-BF	BF ADAPTER ASSY - 11/32
MPTPBF-9	PT9P-BF	BF-NOSE ADAPTER - 9/32 - PROTRUDING
MPTPBF-9A	PT280P-BF	BF ADAPTER ASSY - 9/32
MPTRBF-10	PT10FT-BF	BF-NOSE ADAPTER - 5/16 - REDUCED FLUSH
MPTRBF-10A	PT312T-BF	BF ADAPTER ASSY - 5/16
MPTRBF-11	PT11FT-BF	BF-NOSE ADAPTER - 11/32 - REDUCED FLUSH
MPTRBF-11A	PT340T-BF	BF ADAPTER ASSY - 11/32
MPTRBF-12	PT12FT-BF	BF-NOSE ADAPTER - 3/8 - REDUCED FLUSH
MPTRBF-12A	PT375T-BF	BF ADAPTER ASSY - 3/8
MPTRBF-9	PT9FT-BF	BF-NOSE ADAPTER - 9/32 - REDUCED FLUSH
MPTRBF-9A	PT280T-BF	BF ADAPTER ASSY - 9/32
MPW-2	M30251-2	EXTENSION - WRENCH - MODEL 450 MTD
MPW-3	M30251-3	EXTENSION - WRENCH - MODEL 450 MTD
MPW-4	M30251-4	EXTENSION - WRENCH - MODEL 450 MTD
MR-5	PW4651	WRENCH ADAPTER - 5/32
MR-6	PW4001	WRENCH ADAPTER - 3/16
MR-8	PW4601	WRENCH ADAPTER - 1/4
MR550	7440	RA STD PNEUMATIC DRIVER
MR550A-5AA	74465A	RT ANGLE STD CPLT ASSY - 5/32
MR550A-6AA	74400A	RT ANGLE STD CPLT ASSY - 3/16
MR550A-8AA	74460A	RT ANGLE STD CPLT ASSY - 1/4
MR550F-5AA	74465	RT ANGLE STD CPLT ASSY - 5/32
MR550F-6AA	74400	RT ANGLE STD CPLT ASSY - 3/16
MR550F-8AA	74460	RT ANGLE STD CPLT ASSY - 1/4
MR550P-5AA	74465P	RT ANGLE STD CPLT ASSY - 5/32

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MR550P-6AA	74400P	RT ANGLE STD CPLT ASSY - 3/16
MR550P-8AA	74460P	RT ANGLE STD CPLT ASSY - 1/4
MR550R-5AA	74465T	RT ANGLE STD CPLT ASSY - 5/32
MR550R-6AA	74400T	RT ANGLE STD CPLT ASSY - 3/16
MR550R-8AA	74460T	RT ANGLE STD CPLT ASSY - 1/4
MRA-5A	PW465A	ADAPTER ASSY - 5/32
MRA-6A	PW400A	ADAPTER ASSY - 3/16
MRA-8A	PW460A	ADAPTER ASSY - 1/4
MRC-5	RW5-1	WRENCH GEAR - 5/32 - CL/QTR
MRC-6	RW6-1	WRENCH GEAR - 3/16 - CL/QTR
MRC550	7440C	RA CL/QTR PNEUMATIC DRIVER
MRC550A-5AA	74165A	CL QTR CPLT ASSY - 5/32
MRC550A-6AA	74200	CL QTR CPLT ASSY - 5/32
MRC550A-6AA	74200A	CL QTR CPLT ASSY - 3/16
MRC550A-8AA	74260A	CL QTR CPLT ASSY - 1/4
MRC550BF	7440C-BF	BF-RA CL/QTR PNEUMATIC DRIVER
MRC550F-5AA	74165	CL QR CPLT ASSY - 5/32
MRC550F-8AA	74260	CL QTR CPLT ASSY - 1/4
MRC550P-5AA	74165P	CL QTR CPLT ASSY - 5/32
MRC550P-6AA	74200P	CL QTR CPLT ASSY - 3/16
MRC550P-8AA	74260P	CL QTR CPLT ASSY - 1/4
MRC550R-5AA	74165T	CL QTR CPLT ASSY - 5/32
MRC550R-6AA	74200T	CL QTR CPLT ASSY - 3/16
MRC550R-8AA	74260T	CL QTR CPLT ASSY - 1/4
MRCA-5	41165A	NOSE TIP - 5/32 - RA/CL/QTR
MRCA-6	41200A	NOSE TIP - 3/16 - RA/CL/QTR
MRCA-8	41260A	NOSE TIP - 1/4 - RA/CL/QTR
MRCBF-5	RW5-1-BF	BF-WRENCH GEAR - 5/32 - RA/CL/QTR
MRCBF-6	RW6-1-BF	BF-WRENCH GEAR - 3/16 - RA/CL/QTR
MRCBF-7	RW7-1-BF	BF-WRENCH GEAR - 7/32 - RA/CL/QTR
MRCBF-8	RW8-1-BF	BF-WRENCH GEAR - 1/4 - RA/CL/QTR
MRCF-5	41165	RIGHT ANGLE N/A 5/32 (F)
MRCF-6	41200	RIGHT ANGLE N/A 3/16 (F)
MRCF-8	41260	RIGHT ANGLE N/A 1/4 (F)
MRCF550H-5	5654-BF	BF RT ANGLE TORQUE HEAD ASSY - 5/32
MRCF550H-6	2004-BF	BF CL QTR HEAD ASSY - 3/16
MRCF550H-6	5004-BF	BF RT ANGLE TORQUE HEAD ASSY - 3/16
MRCF550H-7	2204-BF	BF CL QTR HEAD ASSY - 7/32
MRCF550H-8	2604-BF	BF CL QTR HEAD ASSY - 1/4
MRCF555-5	1654-BF	BF CL QTR HEAD ASSY - 5/32
MRCFBF-5	41165-BF	BF NOSE TIP - 5/32 - RA/CL/QTR
MRCFBF-6	41200-BF	BF-NOSE TIP - 3/16 - RA/CL/QTR
MRCFBF-7	41220-BF	BF-NOSE TIP - 7/32 - RA/CL/QTR
MRCFBF-8	41260-BF	BF-NOSE TIP - 1/4 - RA/CL/QTR
MRCP-5	41165P	RIGHT ANGLE N/A - 5/32 (P)
MRCP-6	41200P	RIGHT ANGLE N/A - 3/16 (P)
MRCP-8	41260P	RIGHT ANGLE N/A - 1/4 (P)
MRCP550H-5	1654P-BF	BF CL QTR HEAD ASSY - 5/32
MRCP550H-6	2004P-BF	BF CL QTR HEAD ASSY - 3/16
MRCP550H-7	2204P-BF	BF CL QTR HEAD ASSY - 7/32
MRCP550H-8	2604P-BF	BF CL QTR HEAD ASSY - 1/4

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MRCPBF-5	41165P-BF	BF-NOSE TIP - 5/32 - RA/CL/QTR
MRCPBF-6	41200P-BF	BF-NOSE TIP - 3/16 - RA/CL/QTR
MRCPBF-7	41220P-BF	BF-NOSE TIP - 7/32 - RA/CL/QTR
MRCPBF-8	41260P-BF	BF-NOSE TIP - 1/4 - RA/CL/QTR
MRCR-5	41165T	NOSE TIP - 5/32 - RA/CL/QTR
MRCR-6	41200T	NOSE TIP - 3/16 - RA/CL/QTR
MRCR-8	41260T	NOSE TIP - 1/4 - RA/CL/QTR
MRCR550H-5	1654T-BF	BF CL QTR HEAD ASSY - 5/32
MRCR550H-6	2004T-BF	BF CL QTR HEAD ASSY - 3/16
MRCR550H-7	2204T-BF	BF CL QTR HEAD ASSY - 7/32
MRCR550H-8	2604T-BF	BF CL QTR HEAD ASSY - 1/4
MRCRBF-5	41165T-BF	BF-NOSE TIP - 5/32 - RA/CL/QTR
MRCRBF-6	41200T-BF	BF-NOSE TIP - 3/16 - RA/CL/QTR
MRCRBF-7	41220T-BF	BF-NOSE TIP - 7/32 - RA/CL/QTR
MRCRBF-8	41260T-BF	BF-NOSE TIP - 1/4 - RA/CL/QTR
MRF-5A	PW465P	ADAPTER ASSY - 5/32
MRF-6A	PW400P	ADAPTER ASSY - 3/16
MRF-8A	PW460P	ADAPTER ASSY - 1/4
MRG-2	RWT-1	WRENCH GEAR ALL
MRH-2	41110	RECEPTACLE - RA/STD
MRP-6A	PW400P	ADAPTER ASSY - 3/16
MRP-8A	PW460P	ADAPTER ASSY - 1/4
MRR-5A	PW465T	ADAPTER ASSY - 5/32
MRR-6A	PW400T	ADAPTER ASSY - 3/16
MRR-8A	PW460T	ADAPTER ASSY - 1/4
MRT-5	PT4651	WRENCH ADAPTER - 5/32
MRT-6	PT4001	WRENCH ADAPTER - 3/16
MRT-8	PT4601	WRENCH ADAPTER - 1/4
MRT550	7440M	RA TRQ PNEUMATIC DRIVER
MRT550BF	7440M-BF	BF-RA TRQ PNEUMATIC DRIVER
MRTA-5	PT4652A	NOSE ADAPTER - 5/32 MILLABLE
MRTA-6	PW4002A	NOSE ADAPTER - 3/16 MILLABLE
MRTA-8	PT4602A	NOSE ADAPTER - 1/4 MILLABLE
MRTA-8A	PT460A	ADAPTER ASSY - 1/4
MRTBF-5	TD5651-BF	BF-WRENCH ADAPTER - 5/32 - RA/TRQ
MRTBF-6	TD5001-BF	BF-WRENCH ADAPTER - 3/16 - RA/TRQ
MRTBF-7	TD5201-BF	BF-WRENCH ADAPTER - 7/32 - RA/TRQ
MRTBF-8	TD5601-BF	BF-WRENCH ADAPTER - 1/4 - RA/TRQ
MRTF-5	PT4652	NOSE ADAPTER - 5/32 FLUSH
MRTF-5A	PT465	ADAPTER ASSY - 5/32
MRTF-6	PT4002	NOSE ADAPTER - 3/16 FLUSH
MRTF-6A	PT400	ADAPTER ASSY - 3/16
MRTF-8	PT4602	NOSE ADAPTER - 1/4 FLUSH
MRTF-8A	PT460	ADAPTER ASSY - 1/4
MRTF550H-7	5204-BF	BF RT ANGLE TORQUE HEAD ASSY - 7/32
MRTF550H-8	5604-BF	BF RT ANGLE TORQUE HEAD ASSY - 1/4
MRTFBF-5	TD5652-BF	BF-NOSE ADAPTER - 5/32 - RA/TRQ
MRTFBF-5A	TD565-BF	BF ADAPTER ASSY - 5/32
MRTFBF-6	TD5002-BF	BF-NOSE ADAPTER - 3/16 - RA/FLUSH
MRTFBF-6A	TD500-BF	BF ADAPTER ASSY - 3/16
MRTFBF-7	TD5202-BF	BF-NOSE ADAPTER - 7/32 - RA/TRQ

LOK-FAST TO MONOGRAM CROSS REFERENCE

MONOGRAM	LOK-FAST	DESCRIPTION
MRTFBB-7A	TD520-BF	BF ADAPTER ASSY - 7/32
MRTFBB-8	TD5602-BF	BF-NOSE ADAPTER - 1/4 - RA/TRQ
MRTFBB-8A	TD560-BF	BF ADAPTER ASSY - 7/32
MRTG-1	RW8-1-BF	WRENCH GEAR - 1/4
MRTG-1	RWB-1	WRENCH GEAR - RA/TRQ (BROACHED)
MRTH-1	PT4021	HOOD - RA/TRQ
MRTHBF-1	PT4021-BF	BF-HOOD - RA/TRQ
MRTP-5	PT4652P	NOSE ADAPTER - 5/32 PROTRUDING
MRTP-5A	PT465P	ADAPTER ASSY - 5/32
MRTP-6	PT4002P	NOSE ADAPTER - 3/16 - PROTRUDING
MRTP-6A	PT400P	ADAPTER ASSY - 3/16
MRTP-8	PT4602P	NOSE ADAPTER - 1/4 PROTRUDING
MRTP-8A	PT460P	ADAPTER ASSY - 1/4
MRTP550H-5	5654P-BF	BF RT ANGLE TORQUE HEAD ASSY - 5/32
MRTP550H-6	5004P-BF	BF RT ANGLE TORQUE HEAD ASSY - 3/16
MRTP550H-7	5204P-BF	BF RT ANGLE TORQUE HEAD ASSY - 7/32
MRTP550H-8	5604P-BF	BF RT ANGLE TORQUE HEAD ASSY - 1/4
MRTPB-5	TD5652P-BF	BF-NOSE ADAPTER - 5/32 - RA/TRQ
MRTPB-5A	TD565P-BF	BF ADAPTER ASSY - 5/32
MRTPB-6	TD5002P-BF	BF-NOSE ADAPTER - 3/16 - RA/TRQ
MRTPB-6A	TD500P-BF	BF ADAPTER ASSY - 3/16
MRTPB-7	TD5202P-BF	BF-NOSE ADAPTER - 7/32 - RA/TRQ
MRTPB-7A	TD520P-BF	BF ADAPTER ASSY - 7/32
MRTPB-8	TD5602P-BF	BF-NOSE ADAPTER - 1/4 - RA/TRQ
MRTPB-8A	TD560P-BF	BF ADAPTER ASSY - 1/4
MRTR-5	PT4652T	NOSE ADAPTER - 5/32 REDUCED FLUSH
MRTR-5A	PT465T	ADAPTER ASSY - 5/32
MRTR-6	PT4002T	NOSE ADAPTER - 3/16 REDUCED FLUSH
MRTR-6A	PT400T	ADAPTER ASSY - 3/16
MRTR-8	PT4602T	NOSE ADAPTER - 1/4 REDUCED FLUSH
MRTR-8A	PT460T	ADAPTER ASSY - 1/4
MRTR550H-5	5654T-BF	BF RT ANGLE TORQUE HEAD ASSY - 5/32
MRTR550H-6	5004T-BF	BF RT ANGLE TORQUE HEAD ASSY - 3/16
MRTR550H-7	5204T-BF	BF RT ANGLE TORQUE HEAD ASSY - 7/32
MRTR550H-8	5604T-BF	BF RT ANGLE TORQUE HEAD ASSY - 1/4
MRTRB-5	TD5652T-BF	BF-NOSE ADAPTER - 5/32 - RA/TRQ
MRTRB-5A	TD565T-BF	BF ADAPTER ASSY - 5/32
MRTRB-6	TD5002T-BF	BF-NOSE ADAPTER - 3/16 - RA/TRQ
MRTRB-6A	TD500T-BF	BF ADAPTER ASSY - 3/16
MRTRB-7	TD5202T-BF	BF-NOSE ADAPTER - 7/32 - RA/TRQ
MRTRB-7A	TD520T-BF	BF ADAPTER ASSY - 7/32
MRTRB-8	TD5602T-BF	BF-NOSE ADAPTER - 1/4 - RA/TRQ
MRRF-8A	TD560T-BF	BF ADAPTER ASSY - 1/4
MTD-550	MTD302	TORQUE DRIVER
MTD550BF	MTD302-BF	BF-TORQUE DRIVER
MTDBF-550RA	MTD502-BF	BF-TORQUE DRIVER - R/A
VLS-1	LFVLG-1	GRIP SCALE



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