

DOTCO

Dotco® drills are used daily in applications ranging from aerospace to oil fields and refineries. Three styles are available - pistol grip, straight handle, and right angle models. Drills in this section range from 0.3 – 1.5HP. Plus, dead handles are available for several models.

Parts Interchangeability

Maintenance of tools can be time consuming and expensive. That is why our products have been designed with high parts interchangeability. With fewer parts required to repair our tools, less inventory of parts is required and tools are easier to repair.

Precision Parts

It's simple, precision parts let operators manufacture precision products. Whether it is a spindle, a chuck, a motor or an angle head, our parts are manufactured from the finest materials available and are machined to the highest tolerances. It is understandable why we are proud of the .0005" runout on our collet model tools.

Extraordinary New Drills, Inspired By An Extraordinary Device. The Human Hand.

The Dotco drill has long been the industry workhorse for the high-volume, high-repetition, high-precision demands of today's assembly line.

The new Dotco drills have been dramatically redesigned ergonomically to deliver increased comfort and productivity, while assuring decreased operator fatigue, potential for injury and downtime on the line.

And we not only changed the way Dotco drills *look*. We also changed the way they *perform*.





ergonomic and performance criteria.

The handles of the new 14 Series are more oval, for example, because that's what fits the human hand better and ensures less slippage. Our human engineering research also led to the addition of a new rubber grip for better temperature control, because compressed air exhaust in a metal housing makes the tool cold to the hand and reduces speed and efficiency.

Moreover, the ideal is to have the line of action straight down the barrel so that the operator is pushing forward on the tool with the greatest control, the greatest in-line force, the least angular force and the least fatigue to the wrist. That's why we designed the new drills with ergonomically-critical finger and thumb guides. That's also why we added a finger lip under the trigger, which keeps the other fingers from interfering with the trigger action.

The trigger, by the way, is practically forceless. It requires only 4 ounces of pressure to engage the trigger. And the trigger mechanism is designed with a pressurized tip-valve, so that once you overcome the initial resistance, you're off to the races.

The Miracle Of Technology And Human Engineering

Technology has allowed us to make these extraordinary improvements. Rapid prototypes are now available through our proprietary design-engineering platform, so we can do modeling in real time and put prototypes in the hands of operators to get immediate feedback on

Design features double ball bearings for the spindle, pre-loaded for longer bearing life and more accurate spindle control. Vibration and runout are reduced.

Time-proven motor and gear design is well balanced to reduce vibration and extend tool life.



Each tool is individually checked, aligned and adjusted on our assembly line for minimum chuck runout. Vibration is minimized.

Gears are machined from alloy steel and heat-treated, with fixed cages to control centers for smooth operation.

Housing is made of durable lightweight industrial grade aluminum.

Ergonomically critical finger and thumb guides fit the hand and aid in control.

The trigger is practically forceless requiring only 4 ounces of pressure to engage.

Full feathering is accomplished with our pressurized tip-valve design for speed control while drilling.

Rubber grip acts as a thermal protector and isolates vibration for improved operator comfort.

Finger lip under the trigger keeps other fingers from interfering with the trigger action.

Handles are shaped to fit the human hand. They are flat where they need to be flat and round where they need to be round.

The handles of the new 14 Series are more oval because that's what fits the human hand better. They are flat where they need to be flat and round where they need to be round ensuring less slippage.

Minimal noise levels enhance operator comfort.

DOTCO

500 – 28,500 RPM

0.3 – 0.4 hp (0.22 – 0.30 kW)

- Wide selection of tools to match your application
- Rear exhaust
- Select geared models available



DOTCO

330 – 29,000 RPM

0.4 – 0.9 hp (0.30 – 0.67 kW)

- Non-reversible
- Ergonomically critical finger and thumb guides fit the hand to aid in control
- Excellent for aerospace, metal fab and woodworking



Model Number	Free Speed	Drill Diameter Capacity	Type Housing	Weight		Length		Head Ht.		Chuck Size	Air Inlet Size
	rpm			lbs.	kgs	in.	mm	in.	mm		
Inline 15LF Series – 0.4 hp (0.30 kW)											
15LF081-38+	5,300	1/4"	C	1.4	0.6	8.0	203	-	-	1/4"	1/4"
15LF082-38+	4,000	1/4"	C	1.4	0.6	8.0	203	-	-	1/4"	1/4"
15LF083-38+	3,300	1/4"	C	1.4	0.6	8.0	203	-	-	1/4"	1/4"
15LF087-38+	600	1/4"	C	2.0	0.9	9.3	236	-	-	1/4"	1/4"
Right Angle 15-14 Series – 0.3 hp (0.22 kW)											
15L1489-38	3,600*	1/4"	C	1.5	0.7	8.0	203	3.0	76	1/4"	1/4"
15L1488-38	2,400*	1/4"	C	1.5	0.7	8.0	203	3.0	76	1/4"	1/4"

Housing Guide: A=Aluminum, C=Composite, S=Steel

* Planetary geared

+ Model available without chuck. Replace -38 with -40.

General:

All Tools performance rated @ 90psi (620 kPa) air pressure.

Minimum Hose I.D.– 15LF, 15-14 Series: 1/4" (6.4mm)

15-29 Series: 5/16" (7.9mm)

Standard Equipment:

Jacobs geared chuck, chuck key, dead handle (all inline models with chuck size greater than 1/4").

Extra Equipment:

Overhose (rear exhaust): See page 61

Dead Handle: 539602

Model Number		Free Speed	Drill Diameter Capacity	Weight**		Length**		Geared Chuck Size	Air Inlet Size
With Chuck	3/8"-24 External Thread			rpm	lbs.	kgs	in.		
14CF Series – 0.4 hp (0.30 kW) – Non-reversible									
14CFS90-38		29,000	1/4"	1.5	0.68	5.7	145	1/4"	1/4"
14CFS91-38		5,200	1/4"	1.5	0.68	5.7	145	1/4"	1/4"
14CFS92-38		3,800	1/4"	1.5	0.68	5.7	145	1/4"	1/4"
14CFS93-38		3,200	1/4"	1.5	0.68	5.7	145	1/4"	1/4"
14CFS94-38		2,400	1/4"	1.6	0.72	5.7	145	1/4"	1/4"
14CFS95-38		1,000	1/4"	1.8	0.82	6.9	175	1/4"	1/4"
14CFS96-38		700	1/4"	1.8	0.82	6.9	175	1/4"	1/4"
14CFS97-38		600	1/4"	1.8	0.82	6.9	175	1/4"	1/4"
14CS Series – 0.6 hp (0.45 kW) – Non-reversible									
14CSL90-38	14CSL90-40	20,000	1/4"	2.1	0.95	6.3	160	1/4"	1/4"
14CSL98-38	14CSL98-40	6,000	1/4"	2.1	0.95	6.3	160	1/4"	1/4"
14CSL91-38	14CSL91-40	5,200	1/4"	2.1	0.95	6.3	160	1/4"	1/4"
14CSL92-38	14CSL92-40	3,200	1/4"	2.1	0.95	6.3	160	1/4"	1/4"
14CSL95-51	14CSL95-40	1,300	3/8"	2.9	1.31	8.1	205	3/8"	1/4"
14CSL97-51	14CSL97-40	500	3/8"	2.9	1.31	8.1	205	3/8"	1/4"
14CN Series – 0.9 hp (0.67 kW) – Non-reversible									
14CNL90-38	14CNL90-40	20,000	1/4"	2.2	1.00	6.8	173	1/4"	1/4"
14CNL98-38	14CNL98-40	6,000	1/4"	2.2	1.00	6.8	173	1/4"	1/4"
14CNL91-51	14CNL91-40	5,200	3/8"	2.4	1.08	7.2	183	3/8"	1/4"
14CNL92-51	14CNL92-40	3,200	3/8"	2.4	1.08	7.2	183	3/8"	1/4"
14CNL95-51	14CNL95-40	1,300	3/8"	2.8	1.27	8.6	218	3/8"	1/4"
14CNL97-53	14CNL97-40	500	1/2"	3.5	1.59	9.1	231	1/2"	1/4"

General:

See page 41 for additional features and benefits.

Air Inlet: 1/4" NPT – Use 5/16" (7.9mm) I.D. hose.

All Tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:

14CF: Jacobs geared chuck, chuck key

14CS, 14CN: Jacobs geared chuck, chuck key, dead handle (All models with a chuck opening greater than 1/2")

Extra Equipment:

Overhose: See pg. 61



WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Pistol Grip & Variable Speed Drills 手槍型和可變速度氣鑽

DOTCO

3,200 – 6,000 RPM
1.4 hp (1.04 kW)

- Trigger Start
- Non reversible
- Rear exhaust



Cleco

160 – 1400 rpm
1.0 HP (0.75 kW)

- Trigger Start
- Non-reversible



Cleco

600 – 2600 rpm
0.7 HP (0.5 kW)

- Sand cast handle
- Hardened steel back cap
- Governed speed control
- Variable speed
- Calibrated speed control
- Non-reversible



Model	Termination	RPM	Weight		Length		Air Inlet
			Lbs	kg	In	mm	
14CHL92-40	3/8"-24 External Threads	3,200	2.37	1.08	5.50	140	3/8"
14CHL92-38	1/4" Jacobs Chuck	3,200	2.63	1.20	6.53	166	3/8"
14CHL92-51	3/8" Jacobs Chuck	3,200	2.83	1.29	7.05	179	3/8"
14CHL92-53	1/2" Jacobs Chuck	3,200	3.79	1.72	7.44	189	3/8"
14CHL98-40	3/8"-24 External Threads	6,000	2.37	1.08	5.50	140	3/8"
14CHL98-38	1/4" Jacobs Chuck	6,000	2.63	1.20	6.53	166	3/8"
14CHL98-51	3/8" Jacobs Chuck	6,000	2.83	1.29	7.05	179	3/8"
14CHL98-53	1/2" Jacobs Chuck	6,000	3.79	1.72	7.44	189	3/8"

General: All tools performance rated @ 90 PSI (620 kPa) air pressure. All tools rated at 86 dBA. All models with chuck opening greater than 1/2" have side handle standard.

Model Number	Free Speed	Stall Torque		Chuck Capacity*		Length		Weight	
	rpm	ft. lbs.	Nm	in.	mm	in.	mm	lbs.	kg
1.0 hp (0.67 kW) – Non-reversible									
15DP-1.6B-53	160	160†	217†	1/2	13	9 3/4	248	6	2.7
15DP-4B-53	400	44†	60.0†	1/2	13	8 1/2	216	5 1/2	2.5
15DP-8B-53	800	22	30.0	1/2	13	8 1/2	216	5 1/2	2.5
15DP-14B-49	1400	14	19.0	3/8	10	8 1/4	210	4 1/2	2.0

General:
Air Inlet: 3/8" NPTF
Minimum Hose Size: 3/8"
Spindle Thread: 1/2"-20
Spindle Offset: Pistol Grip: 31/32"

Standard Equipment:
Operating instructions and service manual
Dead handles on all models except 15DP-14B
3-Jaw Chuck and Key

***Capacity CAUTION NOTE:**
Pistol Grip 15 Series Drills must be equipped with support handle (881580) when used with chucks larger than 3/8" capacity.
†Theoretical stall torque based on gear reduction. These tools are intended for slow speed applications and not high torque applications. High maintenance should be expected if tools are operated in their upper torque range.

CAUTION:
High reaction torque may be experienced with any drill at breakthrough. Caution must be exercised when using any cutting tool because of the possibility of the cutting tool bending or breaking. Cutting tool maximum speed rating must equal or exceed speed of tool. Eye protection must be worn while operating power tools.

Model Number	Speed (rpm)		Chuck Capacity*		Length		Weight	
	Free	Governed	in.	mm	in.	mm	lbs.	kg
0.7 hp (0.5 kW) – Variable Speed								
135DPV-7B-43	600	150 - 550	3/8	10	9 5/8	244	3 5/8	1.6
135DPV-7B-50	600	150 - 550	1/2	13	9 5/8	244	3 5/8	1.6
135DPV-14B-50	1250	400 - 1200	1/2	13	9 1/4	235	3 3/8	1.5
135DPV-14B-51	1250	400 - 1200	3/8	10	9 1/4	235	3 3/8	1.5
135DPV-28B-51	2600	700 - 2400	3/8	10	8 1/2	216	3 1/8	1.4

General:
Air Inlet: 1/4" NPT
Minimum Hose Size: 1/4" (6mm)
Spindle Offset: 25/32" (20mm)
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions and service manual
3-Jaw Chuck and Key

***Capacity CAUTION NOTE:**
135DPV Drills must be equipped with support handle (861006) if 1/2" (13mm) capacity chuck is specified.

CAUTION:
High reaction torque may be experienced with any drill at breakthrough. Caution must be exercised when using any cutting tool because of the possibility of the cutting tool bending or breaking. Cutting tool maximum speed rating must equal or exceed speed of tool. Eye protection must be worn while operating power tools.

Right Angle Drills 彎頭式氣鑽

DOTCO

320 – 5,600 RPM

0.4 – 0.9 hp (0.30 – 0.67 kW)

- An impressive number of speeds to match your drilling application
- Wide range of angle head designs – 45°, mini 90°, 360°, compact or heavy duty 90°



Optional Angle Heads

(NOTE: All models not available with all angle heads.)

Termination	Spindle Thread
600 Series Mini Angle Head	
-61	#10-32 Internal
-62	1/4"-28 Internal
-63	9/32"-40 Internal
-64	5/16"-24 Internal



600 Series

Termination	Spindle Thread
700 Series Compact Angle Head	
-72	1/4"-28 Internal
-73	9/32"-40 Internal
-74	5/16"-24 Internal



700 Series

Termination	Spindle Thread
360 Degree Mini Angle Head	
-91	#10-32 Internal
-92	1/4"-28 Internal



360° Series

Termination	Spindle Thread
45 Degree Mini Angle Head	
-42	1/4"-28 Internal
-43	9/32"-40 Internal
-44	5/16"-24 Internal



45° Series

Termination	Spindle Thread
500 Series Heavy Duty Angle Head	
-52	1/4"-28 Internal
-53	9/32"-40 Internal
-54	5/16"-24 Internal
-55	3/8"-24 Internal
-59	1/4" Cap. 3 jaw chuck
-59NC	3/8"-24 Male Thread



500 Series



500 Series

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Model Number	Free Speed	Drill Diameter Capacity	Type Housing	Weight		Length		Spindle Size	Air Inlet Size
	rpm			lbs.	kg	in.	mm		
Light Duty Head – 15LF Series – 0.4 hp (0.30 kW) – Rear Exhaust									
15LF281-62	5,300	1/4"	C	1.6	0.75	10.7	272	1/4"-28*	1/4"
15LF282-62	4,000	1/4"	C	1.6	0.75	10.7	272	1/4"-28*	1/4"
15LF283-62	3,300	1/4"	C	1.6	0.75	10.7	272	1/4"-28*	1/4"
15LF284-62	2,400	1/4"	C	1.8	0.85	11.1	282	1/4"-28*	1/4"
15LF285-62	1,000	1/4"	C	1.9	0.85	11.8	300	1/4"-28*	1/4"
15LF286-62	750	1/4"	C	1.9	0.85	11.8	300	1/4"-28*	1/4"
15LF287-62	600	1/4"	C	1.9	0.85	11.8	300	1/4"-28*	1/4"
Light Duty Head – 15LS Series – 0.6 hp (0.45 kW) – Rear Exhaust									
15LS281-62	5,430	1/4"	C	2.3	1.05	11.5	292	1/4"-28*	1/4"
15LS282-62	3,370	1/4"	C	2.3	1.05	11.5	292	1/4"-28*	1/4"
15LS283-62	2,010	1/4"	C	2.3	1.05	11.5	292	1/4"-28*	1/4"
15LS284-62	1,660	1/4"	C	1.8	0.85	12.4	315	1/4"-28*	1/4"
15LS285-62	1,360	1/4"	C	1.9	0.85	12.7	323	1/4"-28*	1/4"
15LS286-62	840	1/4"	C	1.9	0.85	12.7	323	1/4"-28*	1/4"
15LS287-62	500	1/4"	C	1.9	0.85	12.7	323	1/4"-28*	1/4"
Light Duty Head – 15LN Series – 0.9 hp (0.67 kW) – Rear Exhaust									
15LN288-62	5,600	1/4"	C	2.5	1.15	12.0	305	1/4"-28*	1/4"
15LN281-62	5,000	1/4"	C	2.5	1.15	12.0	305	1/4"-28*	1/4"
15LN282-62	3,100	1/4"	C	2.5	1.15	12.0	305	1/4"-28*	1/4"
15LN284-62	1,530	1/4"	C	2.5	1.15	12.0	305	1/4"-28*	1/4"
Heavy Duty Head – 15LF Series – 0.4 hp (0.30 kW) – Rear Exhaust									
15LF281-52	3,700	1/4"	C	1.7	0.75	11.0	280	1/4"-28*	1/4"
15LF282-52	2,800	1/4"	C	1.7	0.75	11.0	280	1/4"-28*	1/4"
15LF283-52	2,300	1/4"	C	1.7	0.75	11.0	280	1/4"-28*	1/4"
15LF285-52	700	1/4"	C	2.0	0.95	12.0	305	1/4"-28*	1/4"
15LF286-52	525	1/4"	C	2.0	0.95	12.0	305	1/4"-28*	1/4"
15LF287-52	420	1/4"	C	2.0	0.95	12.0	305	1/4"-28*	1/4"
Heavy Duty Head – 15LS Series – 0.6 hp (0.45 kW) – Rear Exhaust									
15LS281-52	3,800	1/4"	C	2.4	1.05	11.0	297	1/4"-28*	1/4"
15LS282-52	2,360	1/4"	C	2.4	1.05	11.0	297	1/4"-28*	1/4"
15LS283-52	1,410	1/4"	C	2.4	1.05	11.0	297	1/4"-28*	1/4"
15LS287-52	350	1/4"	C	2.8	1.25	12.3	330	1/4"-28*	1/4"
Heavy Duty Head – 15LN Series – 0.9 hp (0.67 kW) – Rear Exhaust									
15LN288-52	3,900	1/4"	C	2.6	1.15	11.5	310	1/4"-28*	1/4"
15LN281-52	3,500	1/4"	C	2.6	1.15	11.5	310	1/4"-28*	1/4"
15LN282-52	2,170	1/4"	C	2.6	1.15	11.5	310	1/4"-28*	1/4"
15LN283-52	1,300	1/4"	C	2.6	1.15	11.5	310	1/4"-28*	1/4"
15LN284-52	1,070	1/4"	C	3.0	1.35	12.8	343	1/4"-28*	1/4"
15LN285-52	870	1/4"	C	3.0	1.35	12.8	343	1/4"-28*	1/4"
15LN286-52	540	1/4"	C	3.0	1.35	12.8	343	1/4"-28*	1/4"
15LN287-52	320	1/4"	C	3.0	1.35	12.8	343	1/4"-28*	1/4"

Housing Guide: A=Aluminum, C=Composite, S=Steel
 * Internal Thread

General:

Minimum Hose I.D.– 15LF, 15LS, 15LN Series: 1/4" (6.4mm)
 All Tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:

Light Duty Tools: 600 Series Mini Angle Head with 1/4"-28 internal thread
 Heavy Duty Tools: 500 Series Heavy Duty Angle Head with 1/4"-28 internal thread

Extra Equipment:

For lock-off safety lever, substitute "S" for "L" in model number.
 Overhose (rear exhaust): See page 61
 Collets for 9/32"-40 terminations: See page 46

Optional Chuck Terminations:

NOTE: The Light Duty model numbers shown in the above table are equipped with the 600 series (-62) angle head with 1/4"-28 internal thread. The Heavy Duty model numbers are equipped with the 500 series (-52) angle head with 1/4"-28 internal thread. To order other angle head configurations, the proper termination code from the charts on page 49 must be specified, in place of the standard -62 or -52 termination, when ordering. All models not available with all angle heads.

Drill Accessories 氣鑽配件

Mini Chucks

For use with DOTCO 12-12 series. To adapt right angle threaded spindle sanders for drilling, disc sanding with PSA holders, and light grinding.

Shank Size	Assembly	Collet
1/8"	14-1102*	14-0158**
1/4"	14-1104*	14-0168***
6 mm	14-1094	14-0170***

* NOTE: For 1/4"-28 internal thread

** NOTE: For 5/16"-24 internal thread – 1/8" collet

*** NOTE: For 3/8"-24 internal thread – 1/4" collet



14-1104

Cone Jaw Chuck

Part No.	Description
1020699	1/4" capacity with a 1/4"-28 male thread



Jacobs Chucks

Part No.	Thread Size	Capacity	Description	Term.
1005078	3/8"-24	1/4"	1 BA	-38
1001505	3/8"-24	1/4" HD	7 BA	-42
1110945	3/8"-24	3/8"	Keyless (31073)	-56
863420	3/8"-24	3/8"	22 BA (lt.duty)	-47
1004422	3/8"-24	3/8"	2 BA (med.duty)	-43
1001252	3/8"-24	3/8"	41 BA (med.duty)	-51
1009726	3/8"-24	1/2"	33 BA	-53
1075	5/16"-24	5/32"	*OB	37



1001252

300 Series Collet Chuck

Use with Standard Collet: 1/4" (#308).
Termination Number: -36

Part Number	Description
14-1148	1/64"-1/4" capacity with a 5/16"-24 female thread



Quick-Change Chuck

Thread Size	Capacity	Part Number
3/8"-24	1/4" Hex	849414



Collet Chuck (1/4-28 Male Thread)

Drill Size	Part Number
3/16"	863810
1/4"	863806



863810

Quick Change Pressure Foot Adapter

For use on 1"-20 external thread tools.

Part Number	Diameter "A"
1110164	1.375/1.373
1110165	1.437/1.435
1110166	1.501/1.499
1110167	1.626/1.623



1110164

Vacuum Attachment

For use on Dotco pistol grip drills.

Part Number	Description
1025867	Shop Vac Shroud Only
1025867	Shop Vac Shroud Only
1025891	Shroud, Venturi Vacuum Attachment & Bag

Dead Handles

Drill Model	Part Number
8	861006
111	861006
135	861006
15	881580
136	861006



881580

Retrofit Kits

Retrofit your existing Dotco 15CFS and Buckeye 21D drills to the new Dotco 14CFS series.

Part No.	Retrofit Kit For
01-1401	Dotco 15CFS series
01-1402	Buckeye 21D series

Collets

For use on Dotco 15LF, 15LS & 15LN right angle drills with 9/32"-40 spindles.
(Termination codes: - 43, -53, -63, -73, & -93)



1005184

Part Number	Drill			Part Number	Drill		
	Size	Dec.	mm		Size	Dec.	mm
1005180	1/16	.0625	1.6	1005873	31	.120	3.0
1005182	3/32	.0937	2.4	1013904	30	.1285	3.3
1005183	7/64	.1094	2.8	1005872	27	.144	3.7
1005184	1/8	.125	3.2	1006373	26	.147	3.7
1005185	9/64	.1406	3.6	1005926	22	.157	4.0
1005186	5/32	.1562	4.0	1005682	21	.159	4.0
1005187	11/64	.1719	4.4	1005876	20	.161	4.1
1005188	3/16	.1875	4.8	1006035	19	.166	4.2
1006408	53	.0595	1.5	1005977	17	.173	4.4
1006412	51	.067	1.7	1005927	13	.185	4.7
1005875	46	.081	2.1	1005871	12	.189	4.8
1005684	40	.098	2.5	1006001	11	.191	4.9
1006395	39	.0995	2.5	1005681	10	.1935	4.9

Optional Drill Attachments

For use on Dotco 15LF, 15LS, and 15LN series. Capacity: 1/4" Diameter Drill

These drill attachments can be ordered as a separate accessory item or as part of a complete model. To order as a complete model, use the basic model number from the appropriate 15LF, 15LS, or 15LN catalog page and replace the termination number (-32 for example) with the termination number of the desired optional attachment (-71 for example) from this page.

Part Number	Termination	Spindle Thread
Compact Angle Head – 700 Series		
1025477	-72	1/4"-28 Internal Thread
1025476	-73	9/32"-40 Internal Thread
1025668	-74	5/16"-24 Internal Thread
Mini Angle Head – 600 Series		
1025314	-61	#10-32 Internal Thread
1025409	-62	1/4"-28 Internal Thread
1025313	-63	9/32"-40 Internal Thread
1025328	-64	5/16"-24 Internal Thread
Heavy Duty Angle Head – 500 Series		
1021289	-52	1/4"-28 Internal Thread
1021292	-53	9/32"-40 Internal Thread
1021291	-54	5/16"-24 Internal Thread
1025780	-55	3/8"-24 Internal Thread
45° Angle Head		
1025730	-42	1/4"-28 Internal Thread
1025731	-43	9/32"-40 Internal Thread
1025733	-44	5/16"-24 Internal Thread
360° Angle Head		
1025696	-91	#10-32 Internal Thread
1025694	-92	1/4"-28 Internal Thread



1025447



1025409



1021289



1025730



1025694

Part No.	Termination	Drill Chuck
Heavy Duty Angle Head		
1021620	-59	500 Series Angle Head with drill chuck, 1/4" capacity
1021620	-59 NC	500 Series Angle Head, no chuck 3/8"-24 ext. thread



1021620