



**18
VOLT
SYSTEM**

HEAVY-DUTY 1/2" D-HANDLE DRILL & R.A.D.

1109-24* (KIT)



**ALL-METAL
GRIP-LOK
CHUCK!**

3109-24* (KIT)



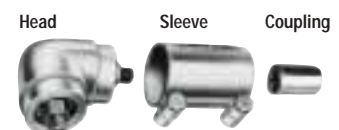
**ALL-METAL
GRIP-LOK
CHUCK!**

- Drills Up To 80 Holes with a 1" Auger Bit On A Single Charge
- 18 Volt, 2.4 Amp-Hr Battery
Delivers more run time and is compatible with all other MILWAUKEE 18 volt products.
- One-Hour Universal Charger Compatible with ALL Power-Plus batteries.
- Powerful 18 Volt Rare Earth Motor
Easily handles all drilling and boring applications.
- Trigger Speed Control
- Double Reduction Gear Train
- 1/2" All-Metal Grip-Lok™ Keyless Chuck
For extreme durability.



3109-24 R.A.D. FEATURES

- **Head And Handle Swivel 360°**
Can be locked tight in any position to fit in close quarters between wall studs or floor joists.
- **Increased Torque For Large Hole Drilling**
RAD Assembly reduces tool speed, increases torque to drill up to 2-9/16" holes in 2 x 4 with Selffeed Bit.
- **0-335 And 0-750 RPM With RAD Assembly**



* TOOL AVAILABLE WITHOUT BATTERY, CHARGER OR CASE. SEE "-20" MODEL IN SPECIFICATIONS CHART BELOW

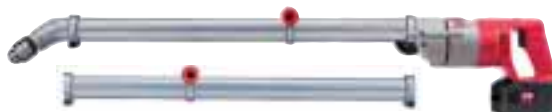
SPECIFICATIONS

CATALOG NUMBER	NO. OF BATTERIES INCLUDED	MAX TORQUE (IN-LBS)	VOLTS DC	BATTERY CAPACITY AMP-HRS	DRILL ONLY RPM	RPM W/RAD LOW SIDE	RPM W/RAD HIGH SIDE	NET WGT. LBS.	SHIP. WGT. LBS.
• 1109-20 D-HANDLE	0	400	18	—	0-500	—	—	5.4	7.4
1109-24 D-HANDLE KIT	1	400	18	2.4	0-500	—	—	7.8	18.7
• 3109-20 R.A.D.	0	550	18	2.4	—	0-335	0-750	10.8	19.7
3109-24 R.A.D. KIT	1	550	18	2.4	—	0-335	0-750	10.8	12.8

STANDARD EQUIPMENT: FOR 1109-20 • D-Handle Drill and Side Handle 49-15-0151. FOR 1109-24– D-Handle Drill, Side Handle 49-15-0151, Universal One-Hour Charger, 18 Volt 2.4 Amp-Hr Battery Pack and Impact Resistant Carrying Case. FOR 3109-24– D-Handle Drill, RAD Assembly 48-06-2871, Side Handle 49-15-0151, Universal One-Hour Charger, 18 Volt 2.4 Amp-Hr Battery Pack and Impact Resistant Carrying Case.

- Tool only, less battery, charger and case.

ACCESSORIES



33° ANGLE DRIVE KIT

48-06-2860 Stretches drilling reach up to 30 inches. Permits easy drilling of up to 2-9/16" dia. holes. Kit consists of an extension tube, side handle, drive shaft with hex sockets on both ends, two clamping collars and a 33° angle drive unit. Use 33° angle drive with the 30" extension only. 33° angle units operate at the same speed as the drill powering them.

30" EXTENSION

48-95-0400 30" extension available separately for use with MILWAUKEE RAD unit No. 48-06-2871. Unit comes complete with 30" extension tube, drive shaft with hex socket on both ends, two clamping collars and side handle. Purchase RAD unit separately.

R.A.D. ASSEMBLY

48-06-2871 Standard equipment with 3109-24. Allow 5-1/2" for right angle drill head and chuck. Used extensively for drilling between joists, studding, in tight corners or in close quarters on machinery and equipment. Provides two additional drilling speeds. Chuck transferred from drill to low spindle of right angle unit reduces drills normal speed by 1/3 and increases drilling torque by 50%. Chuck transferred to opposite spindle of right angle unit increases speed by 50%.