

**FlexShaft™**

# FLEX YOUR COVERAGE.

FIND THE RIGHT CHAIN KNOCKER FOR THE JOB  
TO GET WALL-TO-WALL CLEAN



K9-204 MACHINE

K9-102 MACHINE

Use below table for recommended options based on blockage, pipe size and pipe type.

		K9-102 MACHINE				K9-204 MACHINE					
		Chain Knockers		Carbide Tipped Chain Knockers		Chain Knockers			Carbide Tipped Chain Knockers		
		64293	64298	64283	64288	64323	64328	64333	64308	64313	64318
		K9-102 1.5"	K9-102 2"	K9-102 1.5" CARBIDE	K9-102 2" CARBIDE	K9-204 2"	K9-204 3"	K9-204 4"	K9-204 2" CARBIDE	K9-204 3" CARBIDE	K9-204 4" CARBIDE
		1.25"-1.5" (32-40 mm)	1.5"-2" (40-50 mm)	1.25"-1.5" (32-40 mm)	1.5"-2" (40-50 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)
PIPE TYPE	COPPER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	GALVANIZED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CAST IRON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PVC	✓	✓			✓	✓	✓			
	ABS	✓	✓			✓	✓	✓			
	ORANGEBURG	✓	✓			✓	✓	✓			
	CORRUGATED	✓	✓			✓	✓	✓			
	CLAY	✓	✓			✓	✓	✓			
BLOCKAGE	GREASE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SOFT BLOCKAGE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	SCALING			✓	✓				✓	✓	✓
	LIGHT ROOTS			✓	✓				✓	✓	✓
	INCLUDED WITH KIT	✓	✓			✓		✓			

Any chain knocker can be purchased separately.



Read manual for setup.

**RIDGID**

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# SET UP FOR SUCCESS

## A QUICK GUIDE FOR PROPER DRILL SETUP AND CLEANING



Read and follow all warnings and instructions for all equipment and materials used with these machines.

### 1 THE RIGHT TOOL FOR THE JOB

FlexShaft machines require a cordless drill equipped with an adjustable clutch and a speed range between 1800 and 2500 RPM. Do not use with an impact driver or corded drill.

### 2 DIAL UP THE SPEED

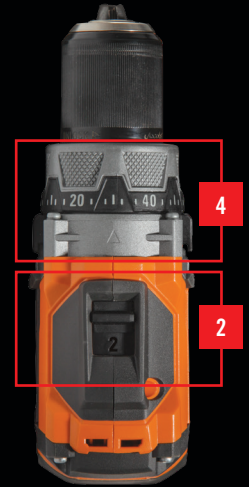
Set your drill to the highest speed – typically setting “2” or “3” is optimal.

### 3 MODE MATTERS

Always set your drill to **screw driving mode** to enable the adjustable clutch. The clutch is not operational in drill or hammer modes (common markings are shown).

### 4 MANAGE YOUR CLUTCH

Always start cleaning with the adjustable clutch set relatively low (~25% of the max range).



## CLEANING WITH YOUR FLEXSHAFT MACHINE

### STEP 1

Once the drill is properly set up (items 1-4 above), make sure the clutch is set to 25%, attach the drill chuck to the drill shaft.

### STEP 2

Choose the right chain knocker based on your cleaning situation (see back for details).

### STEP 3

When clearing blockages, operate drill at full speed for best cleaning. Do not force the chain knocker into blockages. If drill clutches out, back out of blockage and get chain knockers spinning again before re-entering the blockage.

### STEP 4

If the drill continues to clutch out, the adjustable clutch setting can be increased. Increase the clutch setting, but do not exceed 75% of the total clutch adjustment range as this increases the risk of cable damage in the drum of the drain cleaner.

### STEP 5

If the drill continues to clutch out, consider using another RIDGID drain cleaning machine.