

SPLITTER AND PULLER HEADS

ACME provides pulling cables in various sizes and lengths along with splitting or pulling head options to ensure unmatched flexibility, accommodating a wide range of pipe diameters and host pipe materials.

When using the host pipe as a conduit trenchless method, you will choose between two methods: Pipe Pulling or Pipe Splitting. The method you choose will be based on factors such as pipe material, soil conditions, pull length and your previous experience in that region.

RECOMMENDED METHODS BY PIPE TYPE

REPLACING	RECOMMENDED METHOD	TOOL
Lead Water Lines	Split or Pull	1-Blade Splitter Head or Puller Head
Plastic Water Lines	Split	2-Blade Splitter Head
Galvanized Water Lines	Pull	Puller Head
Copper Water Lines	Split or Pull	1-Blade Splitter Head or Puller Head

LUBRICATION FOR SPLITTING

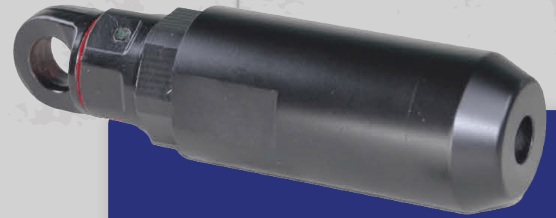
For successful splitting, lubricate the entire interior length of the host pipe before pulling. Use vegetable oil or liquid dish soap to reduce friction and binding.

Best Method: Use the ACME Suction Machine.

The machine's high suction pulls the lubricant through the entire length of host pipe, enabling a smooth split.

Without lubrication, friction between the host pipe's inner scale and the Splitter Head may cause binding, reverting the splitting process into a pulling process.

ACME PULLER HEAD 523-121
Fits to MAX 7/16 Pulling Cable



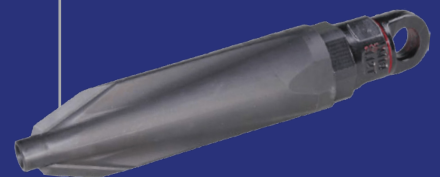
WHEN TO CHOOSE PIPE PULLING

- **Best for:** Short pulls, in compressible, moist, clay rich, and sandy soils. Typical method for replacing lead, galvanized or copper.
- **Process:** The entire length of the host pipe is removed.
- **Tool:** Puller Head

WHEN TO CHOOSE PIPE SPLITTING

- **Best for:** Long pulls in dry, gravelly, and low-compressible soil. Typical method for replacing lead or plastic pipes.
- **Process:** The host pipe is split in place using a single or double blade splitter head.
- **Advantage:** May require less pulling force since the host line does not need to break loose. May prevent the "wad" when pulling lead.
- **Tool:** 1-Blade or 2-Blade Splitter Head

ACME SPLITTER HEAD 524-231
Fits to MAX 1/2 Pulling Cable



SPLITTER HEADS AND PULLER HEADS



ACME SPLITTER HEAD 525-241
Fits to MAX 9/16 Pulling Cable



ACME SPLITTER HEAD 523-121
Fits to MAX 7/16 Pulling Cable

LEAD AND COPPER SPLITTING HEADS

CABLE TO HEAD FASTENING SYSTEM	PART #	CABLE SIZE	5/8" LEAD	3/4" LEAD	1" LEAD	3/4" COPPER	1" COPPER	CUTTING BLADES	NOSE DIAMETER	BACK DIAMETER
Wedge	523-121	7/16"	x	x				1	0.60"	1.85"
Wedge	523-131	7/16"		x	x	x		1	0.70"	1.85"
Wedge	524-131	12"		x	x	x	x	1	0.70"	2.0"
Wedge	525-141	9/16"			x		x	1	0.92"	2.0"

PLASTIC SPLITTING HEADS

CABLE TO HEAD FASTENING SYSTEM	PART #	CABLE SIZE	3/4" PLASTIC	1" PLASTIC	1.25" PLASTIC	1.5" PLASTIC	2" PLASTIC	CUTTING BLADES	NOSE DIAMETER	BACK DIAMETER
Wedge	523-231	7/16"	x					2	0.65"	2.0"
Wedge	523-241	7/16"		x				2	0.80"	2.0"
Wedge	524-231	1/2"	x					2	0.65"	2.0"
Wedge	524-241	1/2"		x				2	0.83"	2.25"
Wedge	525-241	9/16"		x				2	0.845"	2.25"
Wedge	525-242	9/16"		x				2	0.845"	2.5"
Wedge	525-243	9/16"		x				2	0.845"	3.0"
Button	536-242	9/16", 5/8"		x				2	0.84"	2.5"
Button	536-243	9/16", 5/8"		x				2	0.84"	3.0"
Button	536-244	9/16", 5/8"		x				2	0.84"	3.5"
Button	536-245	9/16", 5/8"		x				2	0.84"	4.0"
Button	536-251	9/16", 5/8"			x			2	1.025"	2.5"
Button	536-252	9/16", 5/8"			x			2	1.025"	3.0"
Button	536-261	9/16", 5/8"				x		2	1.21"	2.5"
Button	536-262	9/16", 5/8"				x		2	1.21"	3.0"
Button	536-271	9/16", 5/8"					x	2	1.55"	3.0"
Button	536-272	9/16", 5/8"					x	2	1.55"	3.5"

LEAD, COPPER, AND GALVANIZED PULLING HEADS

CABLE TO HEAD FASTENING SYSTEM	PART #	CABLE SIZE	5/8" LEAD	3/4" LEAD	1" LEAD	3/4" COPPER	1" COPPER	3/4" GALVANIZED	1" GALVANIZED	BACK DIAMETER
Wedge	523-001	7/16"	x	x	x	x	x	x	x	2.0"
Wedge	524-001	1/2"		x	x	x	x	x	x	2.0"
Wedge	525-001	9/16"		x	x	x	x	x	x	2.0"

