



SPRINKLER NIPPLE EXTRACTOR



For plastic risers

PART NUMBER
4498

INTERNAL NIPPLE WRENCH



Excellent for chrome work
Precision machined and hardened
Loosens and tightens
Designed to grip internally
Removes broken nipple threads from fittings

PART NUMBER	DESCRIPTION
4511	1/2" IPS Internal wrench
4512	3/4" IPS Internal wrench
4513	1" IPS Internal wrench

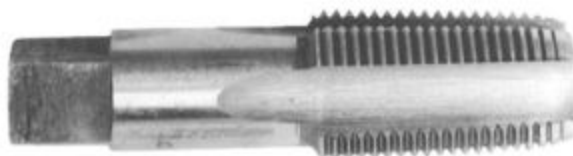
INTERNAL NIPPLE WRENCH



CAM Type
Removes or inserts
Heat treated
Cadmium plated

PART NUMBER	NIPPLE SIZE
4530	3/8"
4531	1/2"
4532	3/4"
4533	1"

PIPE TAPS



High carbon steel
Tapered thread taps

PART NUMBER	PIPE SIZE	NO. OF NPT	TAP DRILL SIZE
4812	1/8"	27	1/8"
4813	1/4"	18	7/16"
4814	3/8"	18	37/64"
4815	1/2"	14	45/64"
4816	3/4"	14	59/64"
4817	1"	11-1/2	1-5/32"
4818	1-1/4"	11-1/2	1-1/2"
4819	1-1/2"	11-1/2	1-47/64"
4820	2"	11-1/2	2-7/32"

NIPPLE AND SCREW EXTRACTORS



Removes nipples, bolts and screws
Left hand spiral tapered flute removes broken piece without thread damage

PART NUMBER	IND ID #	PIPE SIZE	DRILL SIZE	BOLT SCREW SIZE
4824	1	---	5/64"	3-32" to 5/32"
4825	2	---	7/64"	5/32" to 7/32"
4826	3	---	5/32"	7/32" to 9/32"
4827	4	1/8"	1/4"	9/32" to 3/8"
4828	5	1/4"	19/64"	3/8" to 5/8"
4829	6	3/8"	13/32"	5/8" to 7/8"
4830	7	1/2"	17/32"	7/8" to 1-1/8"
4831	8	3/4"	13/16"	1-1/8" to 1-3/8"
4832	9	1"	1-1/16"	1-3/8" to 2"