

# CHAMPION

## Sheet Metal Cutters

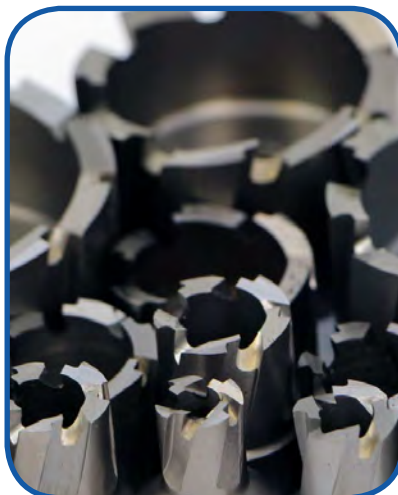
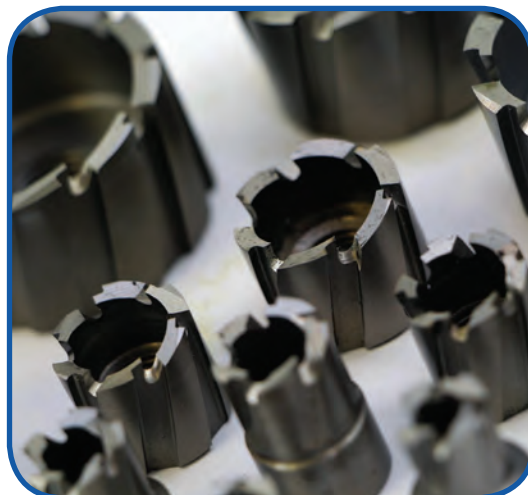
List No. SMC

High Speed Steel / Surface Treated



**Description:** High speed steel cutters for fast cutting in sheet metal

**Application:** Drill perfect, bur free holes in sheet metal, plate materials and plastics in two depth of cut options (1/4" and 1/2"). Ideal for electrical / conduit, automotive frame and bodywork, PDR (paintless dent repair) and HVAC industries.



## SMC CUTTERS

- Fast cutting sheet metal cutters.
- Bur free holes in sheet metal, plate materials and plastics up to 1/2" thick.
- Surface treated high speed steel.
- 2 depth of cut options - 1/4" and 1/2".
- Full range of pilots and arbors available.

1/4" Depth of Cut - 3/8-24 Thread - Use With Arbor SMC-ARBOR-1	1/2" Depth of Cut - 1/2-20 Thread - Use With Arbor SMC-ARBOR-2
EDP No. / Size	EDP No. / Size
SMC-1/4	SMC-13/16
SMC-5/16	SMC-7/8
SMC-3/8	SMC-15/16
SMC-7/16	SMC-1
SMC-1/2	SMC-1-1/16
SMC-9/16	SMC-1-1/8
SMC-5/8	SMC-1-3/16
SMC-3/4	SMC-1-1/4
	SMC-1-3/8
	SMC-1-1/2

SMC Cutter Speeds			
Size	STEEL	STAINLESS STEEL	ALUMINUM
1/4 to 1/2	500-900 RPM	350-800 RPM	1250-2500 RPM
9/16 to 13/16	300-500 RPM	250-350 RPM	750-1200 RPM
7/8 to 1-1/8	250-300 RPM	170-250 RPM	550-700 RPM
1-3/16 to 1-1/2	150-250 RPM	120-180 RPM	400-550 RPM

## Sheet Metal Cutters - X-PAC

List No. SMC-XPAC

Description: Fully Assembled SMC-Cutter, SMC-ARBOR-1, SMC-PILOT-1 and SMC-WASHER-1

EDP No. / Size

SMC-XPAC-1/4

SMC-XPAC-5/16

SMC-XPAC-3/8

## ARBORS

EDP No./ Size	Description
SMC-ARBOR-1	Arbor for sizes 1/4" thru 3/4"
SMC-ARBOR-2	Arbor for sizes 13/16" thru 1-1/2"

## PILOTS

EDP No./ Size	Description
SMC-PILOT-1	Pilot for sizes 1/4" thru 3/4"
SMC-PILOT-2	Pilot for sizes 13/16" thru 1-1/2"



# CHAMPION

## Sheet Metal Cutter Sets & Accessories



**Description:** Produces fast, bur-free holes. Used mostly in hand held portable drills but can be used in a drill press.

**Application:** Sheet metal, plate materials and plastics up to 1/2" thick. Ideal for electrical/conduit, automotive frame and bodywork, PDR (paintless dent repair) and HVAC.

EDP No./ Size	Contents
SMC-SET-1	13 Piece set contains SMC Sizes 1/4, 5/16, 3/8, 1/2, 9/16, 5/8 & 3/4, Arbor, Pilot, Hex Key, Small & Large Washer and Center Punch
SMC-SET-2	12 Piece set contains SMC sizes 7/8, 1, 1-1/8, 1-1/4, 1-3/8 & 1-1/2, Arbor, Pilot, 1 Hex Washer, 1 Center Punch and 2 Hex Keys



SMC-SET-1



SMC-SET-2

Cutter and arbor connection diagram for cutters with 1/4 depth of cut - using SMC-ARBOR-1



Cutter and arbor connection diagram for cutters with 1/2 depth of cut - using SMC-ARBOR-2



## ACCESSORIES

EDP No./ Size	Description
SMC-HEX-3.0M	Hex Key for use with SMC-ARBOR-2
SMC-HEX-4.0M	Hex Key for use with SMC-ARBOR-1 and 2
SMC-PUNCH	Punch for use with SMC-ARBOR-1 and 2
SMC-WASHER-1	Washer for use with SMC-ARBOR-1
SMC-WASHER-2	Washer for use with SMC-ARBOR-1
SMC-WASHER-HEX	Washer for use with SMC-ARBOR-2

EDP No./ Size	Description
SMC-SPRING	Spring for use with SMC-ARBOR-1 and 2
SMC-M6-SCREW	Screw for use with SMC-ARBOR-2 and SMC-HEX-3.0M
SMC-M8-SCREW	Screw for use with SMC-ARBOR-1 and 2 and SMC-HEX-4.0M
SMC-BALL	Ball for use with SMC-ARBOR-1