

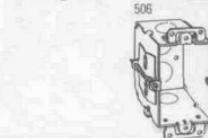
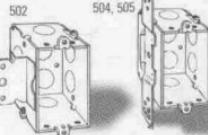
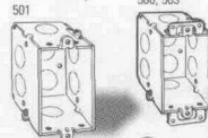
# A33

## SWITCH BOXES GANGABLE, OLD WORK

RACO NO.	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
500	Ears	4-1/2"	2-1/2"	2-1/2"	50	
8500	Ears	4-1/2"	2-1/2"	2-1/2"	50	■■■■
503	Ears	4-3/4"	2-3/4"	2-1/2"	50	
501		4-1/2"	2-1/2"	2-1/2"	50	■■■■
504	TS brkt., 1/2"	2-1/2"	2-1/2"	2-1/2"	50	
8504	TS brkt., 1/2"	2-1/2"	2-1/2"	2-1/2"	10	■■■■
505	TS brkt., 1/2"	2-1/2"	2-3/4"	2-1/2"	50	
502	B brkt., 1/8"	4-1/2"	2-1/2"	2-1/2"	10	
506	Old work, Tigergrip		2-1/2"	2-1/2"	20	■■■■

## SWITCH BOXES - 2 1/2" DEEP GANGABLE WITH CONDUIT KO's 12.5 CUBIC INCHES



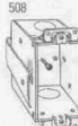


**NEW**

RACO NO.	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM		
508	Old work		2-1/2"		20	■■■■

## SWITCH BOX - 2 1/2" DEEP NONGANGABLE WITH CONDUIT KO's 12.5 CUBIC INCHES





# GENERAL INFORMATION – STEEL BOXES AND COVERS

## APPLICATIONS: STEEL BOXES

RACO high-quality steel boxes:

- Are used in branch circuit wiring to splice wires
- Accommodate wiring devices, such as switches and receptacles
- Some may also serve as fixture supports.
- Provide excellent protection for wiring system or devices
- Must be closed with a cover, light fixture canopy or wallplate
- Permit access to conductors for maintenance
- Allow for branch circuit runs
- Provide two-hour fire rating for wall opening

## PRODUCT FEATURES: OUTLET BOXES FOR FIXTURE OR FAN SUPPORT

These high-quality boxes:

- Permit lighting fixture canopies or fans to be installed
- Feature oversized #10 screws to provide strength and rigidity

## PRODUCT FEATURES: PATENTED TKO KNOCKOUTS

- TKO knockouts offer greater flexibility with RACO's patented combination 1/2" and 3/4" knockout.

- Stock just one product instead of two or three.

- One product for the installer to carry

## TKO PROVIDES RELIABLE GROUNDING PATH

- Independent tests conducted by UL prove that the TKO can pass the same high-current fault test used to test grounding bushings and ground lugs.
- RACO's TKO knockout is UL Listed, providing bonding without the use of bonding jumpers.
- Suitable for bonding without any additional bonding means around concentric (or eccentric) knockouts where used in circuits above or below 250V
- This knockout does not impair the electrical connection to ground.

## MOST RACO BOXES HAVE AT LEAST ONE TAPPED #10-32 GROUNDING HOLE

- The products that do not have a grounding hole are: extension rings, concrete rings, and catalog numbers 226, 239, 640 and 663.

## PRODUCT FEATURES: COMBINATION SCREW HEADS

- Box and clamp screws have combination slotted/Phillips heads.
- Self-tapping screws provide for 100% thread engagement.

## METALLIC BOXES: FIRE RESISTANCE RATING WALL PENETRATIONS\*

Listed single- and double-gang metallic outlet and switch boxes with metallic or nonmetallic cover plates may be used in bearing and non-bearing wood stud and steel stud walls with ratings not exceeding two hours.

The surface area of individual metallic outlet or switch boxes shall not exceed 16 square inches. The aggregate surface area of the boxes shall not exceed 100 square inches per 100 square feet. Boxes located on opposite sides of walls or partitions shall be separated by a horizontal distance of 24 inches.

The metallic outlet or switch boxes shall be securely fastened to the studs, and the opening in the wallboard facing shall be cut so that the clearance between the box and the wallboard does not exceed 1/8 inch.

\*Reference: UL Fire Resistance Directory (Orange Book)

## STANDARD MATERIAL: STEEL COVERS, OUTLET AND SWITCH BOXES

- Steel boxes and covers are made of .0625 inch thick galvanized sheet steel.
- Handy Box covers are made of .030 inch thick galvanized sheet steel.