

## WOODRUFF KEYS CLAVETTES 'WOODRUFF'

**302**  
Series

Papco<sup>®</sup> Woodruff Keys are made from S.A.E. 1035 Carbon Steel. They are used on armature shafts of starters and generators, etc.

### ORDER BY STOCK NUMBER

Stock No.	Size Width x Dia.	Stock No.	Size Width x Dia.	Stock No.	Size Width x Dia.	Stock No.	Size Width x Dia.
302-010	1/16 x 1/2	302-091	1/4 x 3/4	302-170	7/32 x 1-1/8	302-236	3/8 x 1-3/8
302-020*	3/32 x 1/2	302-100*	5/32 x 7/8	302-180*	1/4 x 1-1/8	302-240	1/4 x 1-1/2
302-030*	1/8 x 1/2	302-110*	3/16 x 7/8	302-183	5/16 x 1-1/8	302-250	5/16 x 1-1/2
302-040*	3/32 x 5/8	302-120	7/32 x 7/8	302-190	3/16 x 1-1/4	302-257	3/8 x 1-1/2
302-050*	1/8 x 5/8	302-121	1/4 x 7/8	302-200	7/32 x 1-1/4	302-270	1/4 x 2-1/8
302-060*	5/32 x 5/8	302-130*	3/16 x 1	302-210	1/4 x 1-1/4	302-280	5/16 x 2-1/8
302-061	3/16 x 5/8	302-140	7/32 x 1	302-214	5/16 x 1-1/4	302-290	3/8 x 2-1/8
302-070	1/8 x 3/4	302-150*	1/4 x 1	302-215	3/8 x 1-1/4	302-291	3/8 x 2-3/4
302-080*	5/32 x 3/4	302-152	5/16 x 1	302-220	1/4 x 1-3/8	302-292	5/16 x 2-3/4
302-090*	3/16 x 3/4	302-160	3/16 x 1-1/8				

Standard Package: 25 Keys



\*Denotes popular sizes

Sizes not listed can be supplied.

## GARAGE ASSORTMENT

### No. 020-020

This assortment contains 100 Woodruff Keys in 12 sizes that are needed in every garage. Packed in a sturdy, plastic box.

020-020



## GARAGE ASSORTMENT

### No. 020-021

This assortment contains 29 of the following large size Woodruff Keys. 302-190, 200, 210, 214, 215, 220, 240, 250, 257, 270, 280, 290, 291, 292.

020-021



For complete coverage of most tractors and farm machinery use the 020-020 Woodruff Key Assortment together with 020-021.

## MASTER ASSORTMENT

### No. 020-614

- Contains 210 Woodruff Keys.
- 20 popular sizes.
- Metal merchandiser box with moulded plastic compartments.
- Actual size illustrations on lid label.
- Refills available in standard packages.
- Sizes: 302-010, 020, 030, 040, 050, 060, 070, 080, 090, 100, 110, 121, 130, 150, 152, 160, 180, 200, 210, 240.
- Size: 9-3/4" W x 13-3/4" L x 2" D.

020-614



## 'SUPER-SERVICE' ASSORTMENT

### No. 020-820

Contains 374 Woodruff Keys - 32 sizes. Large size, rigid metal box with high-strength plastic compartments.

Size: 12" W x 18" L x 3" D.

For more details see page 10.

020-820



**UNIVERSAL 'O' - RINGS  
JOINTS TORIQUES UNIVERSELS**

**304 Series**

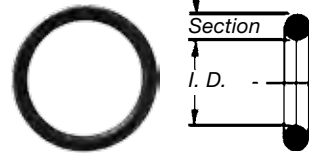
Popular standard sizes used in automotive, agricultural and industrial equipment maintenance. Papco® O-Rings are made of a special Nitrile Compound (Buna-N Rubber) for petroleum oils, greases, automotive gasoline, alcohols, glycols, fuel oil, propane and many other fluids.

Assembly instructions: Be sure all parts are perfectly clean. Then lubricate the O-Ring. For an external groove, stretch the ring over the shaft or fold the ring into an internal groove. Avoid excessive twisting.

**ORDER BY STOCK NUMBER**

**Standard Package: contains 25 'O' Rings**

Stock No.	Nominal Size			Stock No.	Nominal Size		
	I.D.	O.D.	Section		I.D.	O.D.	Section
304-001	1/8	1/4	1/16	304-022	1-3/16	1-7/16	1/8
304-002	5/32	9/32	1/16	304-023	1-1/4	1-1/2	1/8
304-003	3/16	5/16	1/16	304-024	1-5/16	1-9/16	1/8
304-004	7/32	11/32	1/16	304-025	1-3/8	1-5/8	1/8
304-005	1/4	3/8	1/16	304-026	1-7/16	1-11/16	1/8
304-006	5/16	7/16	1/16	304-027	1-1/2	1-3/4	1/8
304-007	3/8	1/2	1/16	304-028	1-1/2	1-7/8	3/16
304-008	3/8	9/16	3/32	304-029	1-5/8	2	3/16
304-009	7/16	5/8	3/32	304-030	1-3/4	2-1/8	3/16
304-010	1/2	11/16	3/32	304-031	1-7/8	2-1/4	3/16
304-011	9/16	3/4	3/32	304-033	2-1/8	2-1/2	3/16
304-012	5/8	13/16	3/32	304-035	2-3/8	2-3/4	3/16
304-013	11/16	7/8	3/32	304-037	2-5/8	3	3/16
304-014	3/4	15/16	3/32				
304-015	3/4	1	1/8				
304-016	13/16	1-1/16	1/8				
304-017	7/8	1-1/8	1/8				
304-018	15/16	1-3/16	1/8				
304-019	1	1-1/4	1/8				
304-020	1-1/16	1-5/16	1/8				
304-021	1-1/8	1-3/8	1/8				



**GARAGE ASSORTMENT**

**No. 020-072**

Contains 78 rings, 15 sizes from 1/8" to 3/4" I.D. Packed in a clear plastic box.



**UNIVERSAL 'O' RING ASSORTMENT**

**No. 020-960**

Contains 382 rings, 30 sizes from 1/8" to 1-3/4" I.D. Popular assortment of inch-series. 'O' Rings packed in a durable A.B.S. plastic dispensing box with individual posts and compartments, and with a cross-section (thickness) molded gauge. Size chart is shown on cover.



**MASTER ASSORTMENT**

**No. 020-626**

Contains 300 rings, 30 sizes, in sturdy metal box with locking lid and carrying handle. Illustrated label with actual size illustrations to make correct selection easy.



**'SUPER-SERVICE' ASSORTMENT**

**No. 020-821**

Contains 390 'O' Rings - 30 sizes. Large size, rigid metal box with high-strength plastic compartments. Size: 12" W x 18" L x 3" D. For more details see page 10.



**AXLE SHAFT KEY STOCK  
BARRES DE CLEF**

**313 Series**

Papco® Axle Key Stock in 12" lengths enables the technician to make up any size axle key on short notice and with a minimum investment. Standard package contains six 12" lengths.

**ORDER BY STOCK NUMBER**

Stock No.	Size	Stock No.	Size
313-174	3/16 x 3/16	313-180	1/2 x 1/2
313-176	1/4 x 1/4	313-181	1/4 x 5/16
313-177	5/16 x 5/16	313-182	1/4 x 3/8
313-178	3/8 x 3/8	313-183	5/16 x 3/8
313-179	7/16 x 7/16	313-185	3/8 x 7/16

**AXLE KEY STOCK ASSORTMENT**

**No. 020-853**

Contains 20 Lengths of Key Stock in all popular sizes. All 12" Long.

