

COTTER PINS

HAMMER LOCK

Zinc Chromate Finish



PRODUCT NUMBER	SIZE	BOX QTY.
390005	1/16 x 1/2"	200
390010	1/16 x 1"	200
390020	1/16 x 1-1/2"	200
390025	3/32 x 3/4"	200
390030	3/32 x 1"	200
390040	3/32 x 1-1/2"	200
390050	3/32 x 2"	200
390060	1/8 x 1"	200
390070	1/8 x 1-1/2"	200
390080	1/8 x 2"	200
390085	5/32 x 1"	100
390090	5/32 x 1-1/2"	100
390100	5/32 x 2"	100
390105	3/16 x 1-1/2	100
390110	3/16 x 2"	100
390120	3/16 x 2-1/2"	100
390130	1/4 x 1-1/2"	100

METRIC COTTER PINS

Steel
DIN 94



PRODUCT NUMBER	SIZE	BOX QTY.
391020	2mm x 18mm	100
391030	2mm x 20mm	100
391050	2mm x 25mm	100
391060	3mm x 20mm	100
391070	3mm x 25mm	100
391080	3mm x 30mm	100
391090	3mm x 35mm	50
391110	4mm x 30mm	50
391120	4mm x 35mm	50
391130	4mm x 40mm	50
391150	5mm x 35mm	25
391160	5mm x 40mm	25
391170	5mm x 45mm	25

HAIR PIN RETAINERS, THROTTLE ROD CLIPS

HAIR PIN RETAINERS

PRODUCT NUMBER	INSIDE DIAMETER	OVERALL LENGTH	BOX QTY
388010	1/32"	3/8"	100
388011	1/16"	23/64"	100
388012	5/64"	13/32"	100
388013	3/32"	3/8"	100
388015	3/32"	1/2"	100
388016	7/64"	1/2"	100
388017	1/8"	5/16"	100
388018	1/8"	31/64"	100
388019	1/8"	9/16"	100
388021	5/32"	31/64"	100
388022	5/32"	5/8"	100
388023	7/32"	3/4"	100
388024	9/32"	13/16"	100
388025	5/16"	1"	100
388026	3/8"	7/8"	100

THROTTLE ROD CLIPS

Black Parkerized



Left-hand Type











Right-hand Type

PRODUCT NUMBER	ROD DIAMETER	SIDE	BOX QTY.
490030	3/32"	R	50
490050	5/32"	R	50
490060	5/32"	L	50
490070	3/16"	R	50
490080	3/16"	L	50
490090	1/4"	R	25
490100	1/4"	L	25

O.E.M. Throttle Rod Clips may be found in each Car Manufacturer's section.

RETAINER PINS Zinc

 387010 Inside Diameter 1/16" Overall Length 3/8" Box Qty. 50	 387030 Inside Diameter 1/8" Overall Length 1/2" Box Qty. 100	 387040 Inside Diameter 1/8" Overall Length 9/16" Box Qty. 100	 387050 Inside Diameter 3/32" Overall Length 37/64" Box Qty. 100
 387060 Inside Diameter 7/64" Overall Length 3/4" Box Qty. 100	 387070 Inside Diameter 5/32" Overall Length 7/8" Box Qty. 100	 387080 Inside Diameter 3/16" Overall Length 1-3/16" Box Qty. 100	 387090 Seat Retainer Pins Ford

SPRING PINS AND E-CLIPS

SPRING PINS

Zinc Plated



PRODUCT NUMBER	DIAMETER x LENGTH	BOX QTY.
386010	1/16" x 1/2"	50
386020	1/16" x 3/4"	50
386030	1/16" x 1"	50
386040	5/64" x 1/2"	50
386050	5/64" x 3/4"	50
386060	5/64" x 1"	50
386070	3/32" x 1/2"	50
386080	3/32" x 3/4"	50
386090	3/32" x 1"	50
386100	1/8" x 1/2"	50
386110	1/8" x 3/4"	50
386120	1/8" x 1"	50
386125	1/8" x 1-1/4"	50
386130	5/32" x 1/2"	50
386140	5/32" x 3/4"	50
386150	5/32" x 1"	50
386155	5/32" x 1-1/4"	50
386160	3/16" x 1/2"	50
386170	3/16" x 3/4"	50
386180	3/16" x 1"	50
386190	3/16" x 1-1/2"	50

STANDARD

PRODUCT NUMBER	SHAFT DIAMETER	BOX QTY.
380200	1/16"	100
380210	3/32"	100
380220	1/8"	100
380230	9/64"	100
380240	5/32"	100
380250	11/64"	100
380260	3/16"	100
380270	7/32"	100
380280	1/4"	100
380290	5/16"	100
380300	3/8"	100
380310	7/16"	100
380320	1/2"	100
380330	5/8"	100
380340	3/4"	50
380350	7/8"	50
380360	1"	50
380370	1-3/16"	50
380380	1-3/8"	50

METRIC

PRODUCT NUMBER	SHAFT DIAMETER	BOX QTY.
380020	1.0mm	100
380030	1.4mm	100
380040	2.0mm	100
380050	2.5mm	100
380060	3.0mm	100
380070	4.0mm	100
380080	5.0mm	100
380090	6.0mm	100
380100	7.0mm	100
380110	8.0mm	100
380120	9.0mm	100
380130	10.0mm	100
380140	11.0mm	100
380150	13.0mm	100
380160	16.0mm	50
380170	20.0mm	50

E - CLIPS

Phosphate &
Oil Finish
DIN 6799 - 1500



Also Available! **222028** Standard E-Clip Assortment
222027 Metric E-Clip Assortment

RETAINING RINGS

BASIC EXTERNAL

Groove Required On Shaft
Bright Zinc



4 Pins / Rings / Fittings

PRODUCT NUMBER	SHAFT DIAMETER	GROOVE DIAMETER	BOX QTY.
382010	1/8"	.117	50
382020	1/4"	.230	50
382030	9/32"	.261	50
382040	5/16"	.290	50
382050	11/32"	.321	50
382060	3/8"	.352	50
382070	13/32"	.381	50
382080	7/16"	.412	50
382090	1/2"	.468	50
382100	9/16"	.530	50
382110	19/32"	.559	50
382120	5/8"	.588	50
382130	11/16"	.646	50
382140	3/4"	.704	50
382150	13/16"	.762	50
382160	7/8"	.821	50
382170	15/16"	.882	50
382180	1"	.94	50
382190	1-1/16"	.998	50
382200	1-1/8"	1.059	50
382210	1-3/16"	1.118	50
382220	1-1/4"	1.176	50
382230	1-1/2"	1.406	25
382240	1-3/4"	1.65	25
382250	2"	1.88	10
382260	2-1/4"	2.12	10
382270	2-1/2"	2.36	10

METRIC EXTERNAL

Groove Required On Shaft
Phosphate & Oil Finish
DIN 471 - 1400



PRODUCT NUMBER	SHAFT DIAMETER	GROOVE DIAMETER	BOX QTY.
384010	10mm	9.6mm	100
384020	12mm	11.5mm	100
384030	15mm	14.3mm	100
384040	17mm	16.2mm	50
384050	20mm	19.0mm	50
384060	25mm	23.9mm	50
384070	30mm	28.6mm	50
384080	35mm	33.0mm	50
384090	40mm	37.5mm	25
384100	50mm	47.0mm	25
384110	55mm	52.0mm	10
384120	60mm	57.0mm	10

RETAINING RINGS

BASIC INTERNAL

Groove Required On Shaft
Bright Zinc



PRODUCT NUMBER	HOUSING DIAMETER	GROOVE DIAMETER	BOX QTY.
381010	1/4"	.268	50
381020	5/16"	.330	50
381030	3/8"	.397	50
381040	7/16"	.461	50
381050	1/2"	.530	50
381060	9/16"	.596	50
381070	5/8"	.665	50
381080	3/4"	.796	50
381090	7/8"	.931	50
381100	1"	1.066	50
381110	1-1/8"	1.197	50
381120	1-1/4"	1.33	50

METRIC INTERNAL

Grove Required In Bore
Phosphate & Oil Finish
DIN 472-1300



PRODUCT NUMBER	GROOVE DIAMETER	BOX QTY.
383010	27.2mm	50
383020	29.4mm	50
383030	31.4mm	50
383040	33.7mm	50
383050	37.0mm	50
383060	42.5mm	25
383070	44.5mm	25
383080	49.5mm	25
383090	55.0mm	25
383100	65.0mm	10
383110	75.0mm	10
383120	83.5mm	5
383130	93.5mm	5
383140	103.5mm	5

GREASE FITTINGS



45001
1/4 - 28
Straight
Box Qty. 50



45002
1/4 - 28
45 Degrees
Box Qty. 50



45003
1/4 - 28
90 Degrees
Box Qty. 50



45004
1/8"
Straight
Box Qty. 50



45005
1/8"
45 Degrees
Box Qty. 50



45006
1/8"
90 Degrees
Box Qty. 50



45007
6mm
Straight
Box Qty. 50



45008
6mm
45 Degrees
Box Qty. 50



45009
6mm
90 Degrees
Box Qty. 50

PIPE PLUGS, COMPRESSION UNION

COMPRESSION UNION

Brass



PRODUCT NUMBER	TUBE SIZE	BOX QTY.
530010	1/8"	5
530020	3/16"	5
530030	1/4"	5
530040	5/16"	5
530050	3/8"	5
530060	1/2"	5

HEX PIPE PLUGS

Cold Rolled Steel
Plain Finish



PRODUCT NUMBER	OEM #	SIZE	BOX QTY.
530070	444613.....	1/8-27 Pipe Thread	25
530080	444619, 444620	1/4-18 Pipe Thread	25