

CAT900104

paulin®

ASSORTMENTS

www.hpaulin.com

**Contains over 125 category
focused assortment kits
catered to support
your business.**

HILLMAN™



At The Hillman Group, we stock a comprehensive range of standard and non-standard fasteners, hardware, fittings, fluid flow components and automotive products under our Hillman, Paulin, Papco, Dominion, and Pro-Tip family of brands. Our range of products are complimented by our ability to source any item in the required size and material for any type of project. Let us help standardize your range of products or create new programs with the help from our dynamic and vibrant organization. For over 100 years, the Paulin® brand has been recognized as an industry leader. Our customers are retailers, original equipment manufacturers, industrial and automotive aftermarket distributors, and plumbing and gas wholesalers.

The Hillman Group has been a customer-first organization that built a loyal customer base centred on trust, dedication and long-lasting relationships. Paulin® being the First In Fasteners, we look forward to being The Right Fastening Choice for you.

Our five strategically situated warehouses in Vancouver, Edmonton, Winnipeg, Toronto and Montreal are conveniently located to provide courteous service to all of our customers.

The items listed in our catalogue are a representation of the products available and stocked in our distribution network. Our availability may not represent all sizes available or certain applications required. Please contact your local Hillman customer service or sales representative for additional product inquiries. Our knowledgeable staff will provide you with information and solutions that are both cost effective and reliable.



TABLE OF CONTENTS

GARAGE ASSORTMENTS (PAGES 6-12) - IMPERIAL

Part #	Description	Page
020-010	Machine Screws - Round Head Square/Slot Drive	6
020-012	Machine Screws - Round Head Phillips Drive	6
020-016	Speed Nuts - Formed Type	7
020-020	Woodruff Keys	7
020-021	Woodruff Keys - Large	7
020-024	Tapping Screws - Hex Head	8
020-028	Hole Plugs	8
020-033	Cotter Pins	8
020-035	Tooth Lock Washers - External	9
020-040	Snap Rings - External	9
020-048	Expansion Plugs	9
020-054	Nylon Gaskets	10
020-057	Fender Washers	10
020-062	Clevis Pins	10
020-073	Hitch Pin Clips	11
020-078	Multi-Thread U-Nuts	11
020-081	Blind Well Nuts	11
020-083	Copper Washers	11
020-084	Pushnut Fasteners	12
020-090	Sert-A-Nuts	12
020-097	Hose Clamps	12

UTILITY ASSORTMENTS (PAGES 13-17) - IMPERIAL

Part #	Description	Page
020-313	Cotter Pins - Bright Plated	13
020-319	Slotted Spring Pinse	13
020-321	Socket Set Screws	14
020-328	Socket Head Cap Screws - Coarse Thread	14
020-331	Machine Screws - Round Head Square Drive	15
020-338	Hitch Pin Clips - Plated	15
020-342	Utility Springs	15
020-343	Cotter Pins - Large Size	16
020-352	Plain Steel Washers - Bright Plated	16
020-353	Tapping Screws - Pan Head Socket Plated	16
020-855	Socket Set Screws and Keys - Coarse Thread	17
020-857	Fibre Washers	17

ASSORTMENTS

MASTER ASSORTMENTS (PAGES 18-45) - IMPERIAL AND METRIC

Part #	Imperial Description	Page	Part #	Imperial Description	Page
020-506	Hose Barb Fittings	18	020-637	Utility Springs - Compression & Extension	31
020-510	Brake Line Fittings	19	020-640	Expansion Plugs - Standard & Cup Type	31
020-600	Wood Screws	19	020-641	Clevis Pins	32
020-604	Brake Bleeder Screws	20	020-642	Slotted Spring Pins	32
020-605	Vacuum Connectors	20	020-644	Speed Nuts - Flat and Formed Types	33
020-607	Drain Plug Gaskets	21	020-646	Cap Screws Grade 5 Fine Thread - Plated	33
020-610	Taper Pins	21	020-647	Cap Screws Grade 5 Coarse Thread - Plated	34
020-612	Tapping Screws	22	020-648	Hex Nuts	34
020-613	Tapping Screws - Trim, Body & Fender Work	22	020-650	Wiring Terminals	35
020-614	Woodruff Keys	23	020-660	Tapping Screws Pan Head Socket - Plated	35
020-615	Tapping Screws w/Fender Washers - Zinc Plated	23	020-662	Black Trim Screws	36
020-617	Spee-Drill® Screws w/Magnetic Chuck	24	020-667	Blind Rivets	36
020-618	Cotter Pins - Plated	24	020-668	Drill-X® Self Tapping Screws	37
020-619	S.A.E Washers - Plated	25	020-673	Marine Fasteners	37
020-620	Plain Steel Washers	25	020-679	Trim Fasteners	38
020-621	Spring Lock Washers - Plated	25	020-680	Trim Fasteners	38
020-622	Cap Screws, Nuts, Lock Washers, S.A.E Washers and Stove Bolts/Nuts	26	Part #	Metric Description	Page
020-623	Machine Screws - Round & Oval Head w/Hex Nuts	26	020-630	Drain Plugs and Gaskets	39
020-624	Machine Screws - Round & Flat Head	27	020-658	Wheel Bolts and Nuts	39
020-625	Tooth Lock Washers - Internal & External	27	020-666	Expansion Plugs	40
020-626	Universal O-Rings	28	020-685	Grease Fittings	40
020-627	Snap Rings	28	020-692	"U" Nuts	41
020-629	Socket Set Screws	29	020-693	"Plasti"- Rivets	41
020-631	Perma-Thread® Repair Kits	29	020-695	J.I.S 10.9 Flange Bolts and Nuts	42
020-632	Manifold Studs & Nuts	29	020-725	Cap Screws and Nuts	42
020-633	Expansion Plugs - Cup & Shallow Cup Types	30	020-726	Cap Screws and Nuts	42
020-636	Square Head Set Screws	30	020-727	Flat, Spring and Lock Washers	43
			020-728	Socket Set Screws and Machine Screws	44
			020-730	Cap Screws and Nuts (Fine & Extra Fine Thread)	44

SUPER-SERVICE ASSORTMENTS (PAGES 45-59) - IMPERIAL AND METRIC

Part #	Imperial Description	Page	Part #	Imperial Description	Page
020-800	Expansion Plugs	45	020-816	Clevis Pins and Clips	54
020-801	Frost Plugs - Large	45	020-817	Snap Rings	55
020-802	Wheel Parts	46	020-818	Engine Studs and Nuts	56
020-803	Socket Set Screws	47	020-819	Spring Pins	56
020-804	Flat and Lock Washers	48	020-820	Woodruff Keys	57
020-805	Cotter Pins and Throttle Rod Retainers	49	020-821	Universal O-Rings	57
020-806	Machine Screws and Nuts	50	Part #	Metric Description	Page
020-807	Tapping Screws	50	020-834	Body Bolts and Nuts	58
020-808	Tapping Screws	51	020-835	J.I.S Metric Flanged Bolts and Nuts	58
020-809	Phillips Trim Screws	51	020-836	J.I.S Metric Flanged Bolts and Nuts	59
020-812	Wiring Terminals	52	020-842	Cap Screws and Nuts	59
020-813	Trim Fasteners	53			
020-816	Clevis Pins and Clips	54			
020-817	Snap Rings	55			
020-818	Engine Studs and Nuts	56			
020-819	Spring Pins	56			
020-820	Woodruff Keys	57			
020-821	Universal O-Rings	57			

paulin ASSORTMENTS

OTHER ASSORTMENTS (PAGES 60-63) - IMPERIAL AND METRIC

Part #	Imperial Description	Page	Part #	Metric Description	Page
020-450	Specialty Retainers	60	020-902	Grease Fittings	62
020-853	Axle Key Stock	60			
020-870	Universal Battery Terminal	60			
020-875	Machinery Bushings	61			
020-878	Carburetor Spring Display	61			
020-901	Grease Fittings (Inch)	61			
020-960	Universal O-Ring Assortment	62			
DABFR-KIT-2	Air Brake Field Service Kit	63			
021-605	Wood Screw Organizer	63			

NEEDA?™ NEW KITS AND ASSORTMENTS (PAGES 64-71) - IMPERIAL AND METRIC

Part #	Imperial/Metric Description	Page	Part #	Imperial/Metric Description	Page
999174C	GM Body Retainer Kit	64	020-434	Needa?™ O-Rings	69
999175C	GM Body Retainer Kit	65	020-435	Needa?™ Rivet Assortment	69
999176C	Ford Body Retainer Kit	65	020-437	Needa?™ Maintenance Hardware	70
999177C	Chrysler Body Retainer Kit	66	020-470	Needa?™ Grade 5 USS Fasteners	71
999178C	Mazda Body Retainer Kit	66	020-471	Needa?™ Class 8.8 Metric Fasteners	71
999179C	Honda Body Retainer Kit	67			
999182C	Nissan Body Retainer Kit	67	Part #	Metric Description	Page
999183C	Toyota Body Retainer Kit	67	020-433	Needa?™ O-Rings	68
9971230C	Hyundai/Kia Body Retainer Kit	64			
020-430	Needa?™ Cotter Pins	68			
020-432	Needa?™ Clamps	68			

MERCHANDISER ASSORTMENTS (PAGES 72-88) - IMPERIAL AND METRIC

Part #	Imperial/Metric Description	Page	Part #	Imperial/Metric Description	Page
022KIT-01	Grade 5 UNC Plated Farm Pack Assortment	73	022-600	Grade 5 Bolt Assortment - Zinc Plated	87
022KIT-08	Grade 8 UNC Plated Bolt and Nut Assortment - Yellow Zinc Plated	73			
022-021	Pltd Grade 5 Cap Screws and Nuts	72	Part #	Metric Description	Page
022-022	Grade 5 UNC/UNF Cap Screws and Nuts - Zinc Plated	72	022KIT-02	8.8 Bolt & Nut Assortment - Zinc Pltd	74
022-024	Bulk Coloured Bit Merchandiser	76	022KIT-03	10.9 Bolt & Nut Assortment - Zinc Pltd	75
022-032	Metal Market Merchandiser	77	022-287	Metric Brake Line Merchandiser	84
022-067	Handy-Paks® Merchandisers	78	022-586	Poly-V Coated Metric Brake Line Merchandiser	84
022-068	Metric Handy-Paks®	79-80	022-602	Grade 8.8 Bolt Assortment - Zinc Pltd	87
022-148	Automotive Fastener Merchandiser	82	022-603	10.9 Flange Bolt Assortment	88
022-158	Body Shop Merchandiser	83	022-068	Metric Handy-Paks®	83
022-285	Steel Brake Line Merchandiser	84	022-077AL	Brake Line Adaptor Lines (Imperial and Metric)	86
022-550	Brake/Fuel Line Repair Center	85	022-077MA	Metric Brake and Fuel Line	86
022-585	Poly-V Coated Brake Line Merchandiser	84	022-077MT	Metric Brake and Fuel Line	86

EMPTY RACKS, CABINETS AND STORAGE

Part #	Description	Page	Part #	Description	Page
022-077	Brake Line Rack	86	022-093	Stax-Four Cabinet	81
022-091	Stax-Six Cabinet	81	022-094	Super-Service Assortment Box	81
022-092	Master Assortment Box	81			

paulin® GARAGE ASSORTMENTS

Papco® Garage Assortments are available in transparent plastic containers. You can see your stock of small fasteners—it is kept neat and handy. Your work bench is clear—yet the right fastener is available when you need it.

- Contains popular items used in every garage daily
- Contents are Bright Plated
- Quantity of each item is based on popularity
- Each assortment contains only listed items — no “odds and ends”
- Refills of individual items available from standard stock
- You get a wide range of sizes for any repair job for a minimum investment
- Three plastic compartments — speed up selection

Contains 92 Round Combination Socket/Slot Head plated Machine Screws in various sizes and 45 Hexagon plated Nuts. Packed in rigid, transparent, plastic containers.

020-010



MACHINE SCREWS (ROUND HEAD SQUARE/SLOT DRIVE)					
Part #	Size	Qty	Part #	Size	Qty
#6-32 Diameter			#10-32 Diameter		
1741-085	3/8	12	1741-215	3/8	11
1741-087	1/2	8	1741-217	1/2	5
1741-089	3/4	6	1741-219	3/4	4
1741-091	1	5	1741-221	1	4
1741-095	1-1/2	4	1741-225	1-1/2	4
#8-32 Diameter			Hex Machine Screw Nuts		
1741-135	3/8	12	184-006	#6-32	15
1741-137	1/2	4	184-008	#8-32	15
1741-139	3/4	4	184-011	#10-32	15
1741-141	1	5	Contains 137 pcs, 18 sizes		
1741-145	1-1/2	4			

Contains 100 Round Head plated Machine Screws in various sizes and 50 Hexagon plated Nuts. Packed in rigid, transparent, plastic containers.

020-012

MACHINE SCREWS (ROUND HEAD PHILLIPS DRIVE)					
Part #	Size	Qty	Part #	Size	Qty
#6-32 Diameter			#10-32 Diameter		
173-085	3/8	10	173-215	3/8	10
173-087	1/2	10	173-217	1/2	10
173-089	3/4	10	173-219	3/4	10
#8-32 Diameter			173-221	1	10
173-135	3/8	10	Hex Machine Screw Nuts		
173-137	1/2	10	184-006	#6-32	15
173-139	3/4	10	184-008	#8-32	15
			184-011	#10-32	30
Contains 150 pcs, 13 sizes					



Display and contents not exactly as shown.

paulin® GARAGE ASSORTMENTS

Contains 65 Formed Type Nuts in various sizes. Packed in rigid, transparent, plastic containers.

020-016



SPEED NUTS (FORMED TYPE)

Part #	Size	Qty
240-228	#8	8
240-232	#8	8
240-242	#10	10
240-243	#10	8
240-247	#10	10
240-250	#10	7
240-267	#14	10
240-274	1/4-20	4

Contains 65 pcs, 8 sizes

Contains 100 Woodruff Keys in various sizes. Packed in rigid, transparent, plastic containers.

020-020

WOODRUFF KEYS

Part #	Width x Diameter	Qty
302-020	3/32 x 1/2	10
302-040	3/32 x 5/8	15
302-030	1/8 x 1/2	10
302-050	1/8 x 5/8	15
302-060	5/32 x 5/8	15
302-080	5/32 x 3/4	10
302-100	5/32 x 7/8	5
302-110	3/16 x 7/8	5
302-130	3/16 x 1	5
302-190	3/16 x 1-1/4	3
302-200	7/32 x 1-1/4	2
302-150	1/4 x 1	5

Contains 100 pcs, 12 sizes



Contains 29 Large Woodruff Keys in various sizes. Packed in rigid, transparent, plastic containers.

020-021



WOODRUFF KEYS (LARGE)

Part #	Width x Diameter	Qty	Part #	Width x Diameter	Qty
302-190	3/16 x 1-1/4	2	302-280	5/16 x 2-1/8	2
302-200	7/32 x 1-1/4	2	302-292	5/16 x 2-3/4	1
302-210	1/4 x 1-1/4	4	302-215	3/8 x 1-1/4	2
302-220	1/4 x 1-3/8	2	302-257	3/8 x 1-1/2	1
302-240	1/4 x 1-1/2	4	302-290	3/8 x 2-1/8	2
302-270	1/4 x 2-1/8	2	302-291	3/8 x 2-3/4	1
302-214	5/16 x 1-1/4	2	Contains 29 pcs, 14 sizes		
302-250	5/16 x 1-1/2	2			

Display and contents not exactly as shown.

paulin® GARAGE ASSORTMENTS

Contains 100 Hex Head Tapping Screws in various lengths and diameters. Packed in rigid, transparent, plastic containers.

020-024



TAPPING SCREWS (HEX HEAD)

Part #	Size	Qty	Part #	Size	Qty
#8 Diameter			#14 Diameter		
213-137	1/2	10	213-276	1/2	10
#10 Diameter			213-277	5/8	10
213-187	3/8	10	213-278	3/4	10
213-189	1/2	10	213-280	1	10
213-190	5/8	10	213-282	1-1/4	6
213-191	3/4	10	#5/16" Diameter		
			213-444	1	4
Contains 100 pcs, 11 sizes					

Contains 47 Hole Plugs made of Nickel Plated Steel in various sizes. Packed in rigid, transparent, plastic containers.

020-028

HOLE PLUGS		
Part #	Size	Qty
314-018	3/8	8
314-020	7/16	8
314-022	1/2	8
314-024	5/8	8
314-026	3/4	8
314-030	1	4
314-034	1-1/4	3
Contains 47 pcs, 7 sizes		



Contains 340 Cotter Pins, 7 sizes from 1/16" x 3/4" to 5/32" x 2". Packed in handy, clear plastic container. All bright plated.

020-033



COTTER PINS

Part #	Width x Diameter	Qty
165-045	1/16 x 3/4	35
165-047	1/16 x 1	60
165-091	3/32 x 1	70
165-095	3/32 x 1/2	70
165-141	1/8 x 1	70
165-145	1/8 x 1-1/2	25
165-174	5/32 x 2	10
Contains 340 pcs, 7 sizes		

Display and contents not exactly as shown.

paulin GARAGE ASSORTMENTS

Contains 225 External Type Tooth Lock Washers in six sizes from 3/16" to 1/2".

020-035



TOOTH LOCK WASHERS (EXTERNAL)		
Part #	Width x Diameter	Qty
161-110	#10 (3/16)	30
161-114	1/4	55
161-118	5/16	55
161-120	3/8	50
161-122	7/16	15
161-124	1/2	20
Contains 225 pcs, 6 sizes		

Contains 60 Snap Rings, 9 sizes of 268-500 series, for 1/8" to 1/2 dia. shafts.

020-040

SNAP RINGS (EXTERNAL)		
Part #	Size	Qty
268-505	1/8	7
268-506	5/32	7
268-510	3/16	7
268-511	3/16 L	8
268-514	1/4	8
268-516	5/16	8
268-518	3/8	5
268-520	7/16	5
268-522	1/2	5
Contains 60 pcs, 9 sizes		



Contains 50 Standard and cup type expansion plugs.

020-048



EXPANSION PLUGS					
Part #	Size	Qty	Part #	Size	Qty
Standard			Standard		
260-008	7/16	2	260-039	1-1/4	2
260-010	1/2	4	260-045	1-3/8	3
260-014	5/8	4	260-054	1-1/2	3
260-018	3/4	3	260-057	1-5/8	4
260-020	13/16	2	260-063	1-3/4	1
260-024	7/8	3	260-069	2	1
260-026	15/16	2	Cup		
260-028	1	3	260-130	3/4	2
260-030	1-1/32	4	260-144	1	3
260-034	1-1/8	1	Contains 50 pcs, 19 sizes		
260-036	1-3/16	3			

Display and contents not exactly as shown.

paulin® GARAGE ASSORTMENTS

Contains 60 Nylon Gaskets in 6 popular sizes for inch and metric Drain Plugs.

020-054



NYLON GASKETS

Part #	Size	Qty
263-815	31/64 x 3/4	15
263-816	9/16	20
263-817	5/8	15
263-828	31/32 x 1-1/4	2
Metric		
263-820	11/16 (17 mm)	5
263-824	13/16 (20 mm)	3

Contains 60 pcs, 6 sizes

Contains 71 bright plated Fender Washers for 1/4", 5/16" and 3/8 " Bolts. Packed in rigid, transparent plastic container.

020-057

FENDER WASHERS

Part #	Size	Qty
162-495	1/4	13
162-496	5/16	27
162-497	5/16	18
162-498	3/8	13

Contains 71 pcs, 4 sizes



Contains 41 Clevis Pins, all popular sizes.

020-062



CLEVIS PINS

Part #	Size	Qty
255-225	1/4 x 1	1
255-226	5/16 x 31/32	11
255-228	5/16 x 1-1/4	2
255-230	5/16 x 1-9/16	4
255-231	5/16 x 1-3/4	4
255-235	3/8 x 1	4
255-236	3/8 x 1-3/32	4
255-237	3/8 x 1-1/4	4
255-238	3/8 x 1-3/8	2
255-241	7/16 x 1-15/64	1
255-242	7/16 x 1-1/2	1
255-244	7/16 x 1-3/4	1
255-251	1/2 x 1-1/4	1
255-246	1/2 x 1-1/2	1

Contains 41 pcs, 14 sizes

Display and contents not exactly as shown.

paulin® GARAGE ASSORTMENTS

Contains 40 Hitch Pin Clips, 6 sizes. Packed in a clear plastic box.

020-073



HITCH PIN CLIPS

Part #	Size	Qty
255-326	1/32 x 7/16	4
255-321	3/64 x 5/8	3
255-325	5/64 x 1-3/32	4
255-303	3/32 x 1-5/8	9
255-316	1/8 x 1-3/4	10
255-310	5/32 x 2-15/16	10

Contains 40 pcs, 6 sizes

Contains 30 Multi-Thread 'U' Nuts, 4 sizes each in its own compartment. Packed in a sturdy, transparent plastic box with hinged lid.

020-078

MULTI-THREAD U-NUTS

Part #	Size	Qty
240-614	1/4-20	12
240-616	5/16-18	9
240-617	5/16-18 L	6
240-618	3/8-16 L	3

Contains 30 pcs, 4 sizes



Contains 20 Blind Well Nuts in 4 sizes. Packed in rigid, transparent, plastic containers.

020-081



BLIND WELL NUTS

Part #	Size	Qty
239-974	#6-32	4
239-976	#8-32	4
239-985	#10-32	6
239-991	1/4-20	6

Contains 20 pcs, 4 sizes

Contains 260 Copper Washers in various sizes. Packed in rigid, transparent, plastic containers.

020-083

COPPER WASHERS

Part #	Size	Qty
162-860	#10	10
162-864	1/4	30
162-866	5/16	40
162-868	3/8	50
162-870	7/16	60
162-872	1/2	70

Contains 260 pcs, 6 sizes



Display and contents not exactly as shown.

paulin® GARAGE ASSORTMENTS

Contains 100 'Pushnut' Fasteners in various sizes. Packed in rigid, transparent, plastic containers.

020-084



'PUSHNUT' FASTENERS		
Part #	Size	Qty
Inch		
242-406	1/8	8
242-408	5/32	8
242-410	3/16	18
242-414	1/4	20
242-416	5/16	12
242-418	3/8	10
242-422	1/2	4
Metric		
-	4 mm	10
243-405*	5 mm	10
Contains 100 pcs, 9 sizes		

Contains 100 Sert-A-Nuts in various sizes plus installation tools. Packed in rigid, transparent, plastic containers.

020-090

SERT-A-NUTS		
Part #	Size	Qty
222-314	#6-32	10
222-316	#8-32	20
222-318	#10-24	30
222-320	1/4-20	40
Contains 100 pcs, 4 sizes		



Contains 55 Constant Tension Hose Clamps in various sizes. Packed in rigid, transparent, plastic containers.

020-097



HOSE CLAMPS		
Part #	Size	Qty
307-560	3/8	12
307-561	7/16	10
307-562	1/2	10
307-564	5/8	10
307-566	3/4	9
307-568	1	4
Contains 55 pcs, 6 sizes		

*Limited stock available. Subject to change without notification.

— Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin[®] UTILITY ASSORTMENTS

FOR GARAGE AND HARDWARE USE

These practical assortments enable every garage and repair shop to carry a useful stock of these popular fasteners.

- Every size in an individual compartment
- Sturdy, reinforced fibreboard display boxes with plastic trays
- Wide range of popular items at small cost
- Refills available from standard stock
- Suggested retail codes shown in lid
- Contents Bright Plated
- 5-1/2" W x 11-1/4" L x 1-1/2" D

Contains 1000 Bright Plated Cotter Pins in 10 popular sizes. Packed in a sturdy fibreboard display box with hinged lid.

020-313


COTTER PINS (BRIGHT PLATED)

Part #	Size	Qty
165-045	1/16 x 3/4	100
165-047	1/16 x 1	100
165-051	1/16 x 1-1/2	100
165-089	3/32 x 3/4	100
165-091	3/32 x 1	125
165-095	3/32 x 1-1/2	125
165-141	1/8 x 1	125
165-145	1/8 x 1-1/2	100
165-148	1/8 x 2	50
165-171	5/32 x 1-1/2	75

Contains 1000 pcs, 10 sizes

Contains 116 Slotted Spring Pins in 12 popular sizes. Packed in a sturdy fibreboard display box with hinged lid.

020-319

SLOTTED SPRING PINS		
Part #	Size	Qty
301-087	3/32 x 1/2	12
-	3/32 x 1	12
301-137	1/8 x 1/2	12
-	1/8 x 1	12
301-165	5/32 x 3/4	12
301-171	5/32 x 1-1/2	5
301-193	3/16 x 1	12
-	3/16 x 1-1/2	5
-	1/4 x 1	12
301-313	1/4 x 1-1/2	5
301-448	5/16 x 1-1/2	12
301-496	3/8 x 2	5
Contains 116 pcs, 12 sizes		



Display and contents not exactly as shown.

 Restock not available. Contact your sales representative.

paulin UTILITY ASSORTMENTS

Contains 120 Socket Set Screws in 12 popular sizes. Packed in a sturdy fibreboard container with a separate compartment for each size. Lid label shops retail prices.

020-321



SOCKET SET SCREWS

Part #	Size	Qty
Coarse Thread		
#8-32 Diameter		
138-132	3/16	10
138-133	1/4	10
#10-24 Diameter		
-	3/16	15
1/4-20 Diameter		
138-301	1/4	12
138-303	3/8	12
5/16-18 Diameter		
138-438*	3/8	10
138-440*	1/2	10
3/8-16 Diameter		
138-483	3/8	5
138-485	1/2	5

Part #	Size	Qty
Fine Thread		
#10-32 Diameter		
139-184*	3/16	15
1/4-28 Diameter		
139-301	1/4	8
5/16-24 Diameter		
-	5/16	8
Contains 120 pcs, 12 sizes		

Contains 36 Socket Head Cap Screws in 12 popular sizes. Packed in a sturdy fibreboard container with a separate compartment for each size.

020-328

SOCKET HEAD CAP SCREWS (COARSE THREAD)

Part #	Size	Qty
1/4-20 Diameter		
137-307	3/4	3
137-309	1	5
137-313	1-1/2	3
5/16-18 Diameter		
137-442	3/4	3
137-444	1	5
137-448	1-1/2	3
3/8-16 Diameter		
137-489	1	3
137-493	1-1/2	3
137-496	2	2
1/2-13 Diameter		
-	1-1/2	2
137-586*	2	2
-	2-1/2	2
Contains 36 pcs, 12 sizes		



*Limited stock available. Subject to change without notification.

Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin UTILITY ASSORTMENTS

Contains 340 Round Head Square Drive Machine Screws and 320 Nuts in 20 sizes. Packed in a sturdy fibreboard container.

020-331



MACHINE SCREWS AND NUTS (ROUND HEAD SQUARE DRIVE)

Part #	Size	Qty	Part #	Size	Qty
Zinc Plated			Zinc Plated		
#4-40 Diameter			#10-32 Diameter		
1741-043	1/2	40	1741-217	1/2	20
1741-045	3/4	20	1741-219	3/4	20
#6-32 Diameter			1741-221	1	20
1741-085	3/8	20	1741-225	1-1/2	20
1741-087	1/2	20	Hexagon Nuts		
1741-089	3/4	20	184-004	#4-40	40
1741-091	1	20	184-006	#6-32	80
#8-32 Diameter			184-008	#8-32	120
1741-135	3/8	20	184-011	#10-32	80
1741-137	1/2	20	Contains 660 pcs, 20 sizes		
1741-139	3/4	20			
1741-141	1	20			
1741-145	1-1/2	20			
1741-148	2	20			

Contains 105 Hitch Pin Clips in 8 sizes. Packed in a sturdy fibreboard display box with individual compartments.

020-338

HITCH PIN CLIPS (PLATED)					
Part #	Size	Qty	Part #	Size	Qty
255-303	3/32 x 1-5/8	25	255-306	3/16 x 3-1/4	5
255-307	3/32 x 2-5/16	25	255-308	3/16 x 3-3/4	10
255-316	1/8 x 1-3/4	10	255-320	5/16 x 3-15/16	5
255-311	1/8 x 2-9/16	20	Contains 105 pcs, 8 sizes		
255-310	5/32 x 2-15/16	5			



Contains 83 Utility Springs Extension/Compression Types in 15 sizes. Packed in a sturdy fibreboard box with individual compartments.

020-342



UTILITY SPRINGS

Part #	Diameter x Length	Qty	Type	Part #	Diameter x Length	Qty	Type
-	1/8 x 15/16	4	E	311-678	5/16 x 5	5	C
311-612	5/32 x 2-1/8	6	E	311-608	5/16 x 6	6	E
311-616	3/16 x 1-1/4	6	E	311-610	11/32 x 3	6	E
311-676	3/16 x 5	5	C	311-606	7/16 x 5	4	E
311-615	1/4 x 1-1/2	8	C	311-605	7/16 x 6-1/2	6	E
311-609	1/4 x 4	6	E	311-611	1/2 x 4-1/2	4	E
311-677	1/4 x 5	5	C	311-604	1/2 x 5-1/2	5	E
311-618	9/32 x 2	7	C	Contains 83 pcs, 15 sizes			

E - Extension C - Compression

Display and contents not exactly as shown.

Restock not available. Contact your sales representative.

paulin[®] UTILITY ASSORTMENTS

Contains 195 Large Size Cotter Pins in 9 sizes. Packed in a sturdy fibreboard box with individual compartments.

020-343

COTTER PINS (LARGE SIZE)		
Part #	Size	Qty
165-174	5/32 x 2	30
165-200	3/16 x 2	30
165-202	3/16 x 2-1/2	30
165-316	1/4 x 2	35
165-318	1/4 x 2-1/2	15
165-320	1/4 x 3	15
165-453	5/16 x 2-1/2	10
165-455	5/16 x 3	15
165-500	3/8 x 3	15

Contains 195 pcs, 9 sizes



Contains 5.5lbs. of Plain Steel Washers in various sizes. Packed in a sturdy fibreboard box with individual compartments.

020-352



PLAIN STEEL WASHERS (BRIGHT PLATED)		
Part #	Size	Qty
148-010	3/16	90
148-014	1/4	78
148-016	5/16	86
148-018	3/8	52
148-020	7/16	33
148-022	1/2	20
148-023	9/16	11
148-024	5/8	9

Contains 379 pcs, 8 sizes

Contains 500 Pan Head Socket Tapping Screws in various sizes. Packed in a sturdy fibreboard box with individual compartments.

020-353

TAPPING SCREWS (PAN HEAD SOCKET PLATED)					
Part #	Length	Qty	Part #	Length	Qty
#4 Diameter			#10 Diameter		
208-043	1/2	25	208-191	3/4	25
#6 Diameter			208-193	1	50
208-085	3/8	25	208-197	1-1/2	25
208-087	1/2	25	#12 Diameter		
208-089	3/4	50	208-250	1	10
208-091	1	25	#14 Diameter		
#8 Diameter			208-280	1	10
208-137	1/2	60	208-284	1-1/2	10
208-139	3/4	50	Contains 500 pcs, 16 sizes		
208-141	1	60			
208-143	1-1/4	25			
208-145	1-1/2	25			



Display and contents not exactly as shown.

paulin UTILITY ASSORTMENTS

Contains 89 Socket Set Screws & Keys. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-855

SOCKET SET SCREWS AND KEYS (COARSE THREAD)					
Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Screws			Screws		
138-132	#8-32 x 3/16	10	138-483	3/8-16 x 3/8	6
138-133	#8-32 x 1/4	10	138-485	3/8-16 x 1/2	5
-	#10-24 x 3/16	10	Keys - Short Arm		
138-185	#10-24 x 1/4	10	140-102*	5/64	1
138-301	1/4-20 x 1/4	10	140-103*	3/32	1
138-303	1/4-20 x 3/8	10	140-105*	1/8	1
138-437*	5/16-18 x 5/16	8	140-107*	5/32	1
138-438*	5/16-18 x 3/8	5	140-108*	3/16	1
Contains 89 pcs, 15 sizes					



Contains 360 Fibre Washers. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-857



FIBRE WASHERS					
Part #	I.D. x O.D.	Qty	Part #	I.D. x O.D.	Qty
1/32 Thick			1/16 Thick		
-	1/8 x 1/4	20	-	1/8 x 1/4	20
162-206	3/16 x 3/8	20	162-256*	3/16 x 3/8	20
162-209	1/4 x 1/2	20	-	1/4 x 1/2	20
162-211*	5/16 x 9/16	20	162-261	5/16 x 9/16	20
162-212*	3/8 x 5/8	20	162-262	3/8 x 5/8	20
-	7/16 x 11/16	20	162-264*	7/16 x 11/16	20
-	1/2 x 3/4	20	162-265	1/2 x 3/4	20
-	5/8 x 7/8	20	-	5/8 x 7/8	20
162-221*	3/4 x 1	20	-	3/4 x 1	20
Contains 360 pcs, 18 sizes					

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

 Restock not available. Contact your sales representative.

paulin MASTER ASSORTMENTS

- Assortments are packed in a sturdy, metal container with high-strength, moulded plastic compartments and hinged lid
- Individual compartments separate items for quick selection
- Illustrations and retail price codes shown on grease-resistant lid label
- Curved, 'coin-drawer' bottom makes removal easy
- Refills available in standard packages or Papco® Handy-Paks
- Carrying handle and safety snap lock for greater convenience
- Merchandiser size: 9-3/4" W x 13-3/4" L x 2" D

Contains 59 Hose Barb Fittings in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-506



HOSE BARB FITTINGS					
Part #	Size	Qty	Part #	Size	Qty
1/4" Hose I.D.			1/2" Hose I.D.		
D125-4A	1/8	3	D125-8C	3/8	3
D126-4A	1/8	2	D125-8D	1/2	3
D125-4B	1/4	5	D126-8D	1/2	3
D126-4B	1/4	2	5/8" Hose I.D.		
5/16" Hose I.D.			D125-10C	3/8	2
D125-5A	1/8	2	D125-10D	1/2	3
D125-5B	1/4	3	3/4" Hose I.D.		
D125-6C	3/8	3	D125-12D	1/2	2
3/8" Hose I.D.			D125-12E	3/4	2
D125-6B	1/4	2	Hose Barb Slicers		
D126-6B	1/4	4	D129-4	1/4	4
D126-6C	3/8	4	D129-6	3/8	4
			D129-8	1/2	3
Contains 59 pcs, 20 sizes					

Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 100 Brake Line Fittings in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-510



BRAKE LINE FITTINGS					
Part #	Size	Qty	Part #	Size	Qty
Standard			Metric		
Flare Unions			Tube Nuts		
D142-3	3/16	4	905-101*	14 mm x 1.5 mm	4
D142-4	1/4	2	-	16 mm x 1.5 mm	4
D142-5	5/16	2	Inverted Flares		
D142-6	3/8	2	MA327	(3/16) 10 mm x 1.0	4
Flare Nuts			MA343	(3/16) 10 mm x 1.0	3
DS141-3	3/16	8	Bubble Flares		
DS141-4	1/4	8	MC300	10 mm x 1.0	4
DS141-5	5/16	8	MC341	(3/16) 12 mm x 1.0	3
DS141-6	3/8	4	MC342	(3/16) 13 mm x 1.5	3
Inverted Flare Nuts			MC343	(3/16) 11 mm x 1.5	4
DSL141-3	3/16	8	Flare Unions		
DSL141-4	1/4	8	PC1191	3/16 (Tube) x M10-1.0 (Thread)	1
DSL141-4-3	1/4 x 3/16	3	PC1192	3/16 (Tube) x M10-1.0 (Thread)	1
DS141-5-3	5/16 x 3/16	3	PC1193	M6 (Tube) x M12-1.0 (Thread)	1
DS141-5-4	5/16 x 1/4	3	Contains 360 pcs, 27 sizes		
Brake Line Adaptors					
PC1176	3/16 x 10 mm x 1.0	2			
PC1178	3/16 x 10 mm x 1.0	2			
Bubble Flare Union					
PC1190	3/16 (Tube) x 3/8-24 (Thread)	1			

Contains 850 pieces Flat and Round Socket Steel Wood Screws Plated. 21 sizes from #4 x 1/2 to #10 x 1-1/2. Packed in a metal box with molded plastic compartments.

020-600

WOOD SCREWS					
Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Flat			Round		
197-043	#4 x 1/2	40	198-043	#4 x 1/2	20
197-045	#4 x 3/4	30	-	#5 x 5/8	15
197-064	#5 x 5/8	20	198-089	#6 x 3/4	20
197-089	#6 x 3/4	65	198-139	#8 x 3/4	20
197-091	#6 x 1	40	198-141	#8 x 1	20
197-093	#6 x 1-1/4	30	198-143	#8 x 1-1/4	20
197-095	#6 x 1-1/2	25	198-197	#10 x 1-1/2	20
197-139	#8 x 3/4	105	Contains 850 pcs, 21 sizes		
197-141	#8 x 1	105			
197-143	#8 x 1-1/4	70			
197-145	#8 x 1-1/2	40			
197-191	#10 x 3/4	40			
197-193	#10 x 1	60			
197-197	#10 x 1-1/2	45			



*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

— Restock not available. Contact your sales representative.

paulin[®] MASTER ASSORTMENTS

Contains 63 Brake Bleeder Screws in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-604



BRAKE BLEEDER SCREWS

Part #	Size	Qty
Brake Bleeder Screws		
904-200	3/8-24 x 1.471	2
904-203	3/8-24 x 1.11	5
904-206	1/4-28 x .920	2
904-213	5/16-24 x 1.06	3
Repair Inserts		
904-218	Small	1
904-219	Large	1
Inverted Flare Unions		
D142-3	3/16	5
D142-4	1/4	2
D142-5	5/16	1
D142-6	3/8	1
Inverted Flare Nuts (Steel)		
DS141-3	3/16	5
DS141-4-3	1/4 x 3/16	5
DS141-4	1/4	3
DS141-5	5/16	2
DS141-6EA	3/8	1

Part #	Size	Qty
Adaptors		
PC1176	3/16 Tube- 3/8-24 Female x 3/1	2
PC1177	3/16 Tube- 3/8-24 Female x 3/1	2
PC1178	3/16 Tube- 3/8-24 Female x 3/1	2
Metric Brake Bleeder Screws		
904-201	M10 x 1.5 x 29.3 mm	2
904-204	M8 x 1.25 x 33 mm	2
904-209	M7-1.0 x 32 mm	2
904-212	M10 X 1.0 x 33 mm	2
Metric S.A.E Flare Nuts		
MA300	10 mm x 1.0	5
Metric Bubble Flare Nuts		
MC300	10 mm x 1.0	5
Contains 63 pcs, 24 sizes		

Contains 138 Vacuum Connectors in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-605

VACUUM CONNECTORS		
Part #	Size	Qty
Plastic Vacuum Couplings		
904-901	1/8	5
904-902	3/16	5
Plastic Vacuum Restrictor Couplings		
904-920	3/16	2
Plastic Vacuum Tees		
904-922	1/8	5
904-923	3/16	5
904-924	1/4	5
Plastic Vacuum Reducing Tees		
904-932	3/16 x 1/4 x 3/16	2
904-939	3/8 x 3/8 x 1/4	2
Plastic Vacuum 'Y' Connector		
904-941	3/16	5
Part #	Size	Qty
Plastic Vacuum Double Branch Tee		
904-960	3/16	2
Plastic Vacuum Triple Branch Tee		
904-965	3/16	2
Plastic Vacuum Universal Tee		
904-975	5/32 x 1/4 x 3/8	3
Plastic Vacuum Universal Straight Connector		
904-976	5/32 x 1/4 x 3/8	5
Plastic Vacuum Caps		
904-990	1/8	25
904-991	3/16	25
904-992	1/4	25
904-993	5/16	10
904-994	3/8	5
Contains 138 pcs, 18 sizes		



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS

Contains 200 Drain Plug Gaskets in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-607



For Metric Drain Plugs and Gaskets, see 020-630 on page 39

DRAIN PLUG GASKETS

Part #	Size	Qty	Part #	Size	Qty
Fibre Gaskets			Metric		
263-800	1/2 x 3/4	10	Fibre Gaskets		
263-801	9/16 x 13/16	10	263-808	12 mm	10
263-802	5/8 x 7/8	10	263-809	16 mm	10
263-803	11/16 x 7/8	10	263-810	18 mm	10
263-804	3/4 x 1-1/16	10	Nylon Gaskets		
263-805	13/16 x 1	10	263-818	(12 mm) 1/2 x 1	10
263-807	0.920 x 1-1/8	10	263-870	14 mm x 20 mm	10
Nylon Selon Gaskets			263-873	18 mm x 26 mm	10
263-815	31/64 x 3/4	10	Copper Gaskets		
263-816	9/16	10	263-855	31/64 (12 mm)	10
263-817	5/8	10	263-856	19/32 (14 mm)	10
			263-860	3/4 (18 mm)	10
			Rubber/Metal Gaskets		
			263-875	12 mm x 25 mm	10
Contains 200 pcs, 20 sizes					

Contains 100 Taper Pins in 20 sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-610

TAPER PINS		
Part #	Size	Qty
315-172	2/0 x 1	6
315-176	2/0 x 1-1/2	3
315-200	0 x 1	6
315-204	0 x 1-1/2	3
315-222	1 x 1	5
315-226	1 x 1-1/2	5
315-230	1 x 2	5
315-254	2 x 1-1/4	5
315-256	2 x 1-1/2	6
315-259	2 x 2	5
315-282	3 x 1-1/4	5
315-284	3 x 1-1/2	5
315-286	3 x 2	6
315-316	4 x 1-1/2	8
315-318	4 x 2	7
315-322	4 x 2-1/2	3
315-346	5 x 1-1/2	3
315-350	5 x 2	5
315-390	6 x 2-1/2	6
315-392	6 x 3	3
Contains 100 pcs, 20 sizes		



Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 937 Tapping Screws Pan, Oval and Hex Head-Slot in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-612



TAPPING SCREWS

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Pan Head Slot			Oval Head Slot		
205-085*	#6 x 3/8	125	206-089*	#6 x 3/4	75
205-087*	#6 x 1/2	100	-	#6 x 1	50
205-089*	#6 x 3/4	75	206-139*	#8 x 3/4	50
-	#6 x 1	50	-	#8 x 1	25
205-135*	#8 x 3/8	75	206-191*	#10 x 3/4	40
205-137*	#8 x 1/2	50	Hex Head Slot		
205-139*	#8 x 3/4	50	213-137	#8 x 1/2	20
205-141*	#8 x 1	25	213-191	#10 x 3/4	15
205-189*	#10 x 1/2	50	213-280	#14 x 1	5
205-191*	#10 x 3/4	25	Contains 937 pcs, 20 sizes		
205-193*	#10 x 1	25			
205-280*	#14 x 1	7			

Contains 530 Tapping Screws Pan, Oval Regular, Oval Small Phillips in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-613

TAPPING SCREWS

(TRIM, BODY AND FENDER WORK)

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Oval Head Regular Phillips			Oval Head Small Phillips		
229-012*	#6 x 3/4	50	229-220	#8 x 1/2	15
229-014*	#6 x 1	50	229-222	#8 x 3/4	20
229-022*	#8 x 3/4	50	229-224	#8 x 1	25
229-024*	#8 x 1	50	229-225	#8 x 1-1/8	10
229-041*	#10 x 5/8	15	229-226	#8 x 1-1/4	10
229-044*	#10 x 1	20	229-228	#8 x 1-1/2	15
Pan Head Phillips			229-242	#10 x 3/4	15
229-110	#6 x 1/2	40	229-244	#10 x 1	15
229-120	#8 x 1/2	30	229-248	#10 x 1-1/2	15
229-122	#8 x 3/4	35	Contains 530 pcs, 20 sizes		
229-140	#10 x 1/2	30			
229-142	#10 x 3/4	20			



*Limited stock available. Subject to change without notification.

— Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 210 Woodruff Keys in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-614



WOODRUFF KEYS					
Part #	Width x Diameter	Qty	Part #	Width x Diameter	Qty
302-010	1/16 x 1/2	9	302-110	3/16 x 7/8	14
302-020	3/32 x 1/2	9	302-130	3/16 x 1	9
302-040	3/32 x 5/8	18	302-160	3/16 x 1-1/8	4
302-030	1/8 x 1/2	16	302-200	7/32 x 1-1/4	4
302-050	1/8 x 5/8	18	302-121	1/4 x 7/8	7
302-070	1/8 x 3/4	14	302-150	1/4 x 1	7
302-060	5/32 x 5/8	18	302-180	1/4 x 1-1/8	6
302-080	5/32 x 3/4	14	302-210	1/4 x 1-1/4	4
302-100	5/32 x 7/8	14	302-240	1/4 x 1-1/2	3
302-090	3/16 x 3/4	18	302-152	5/16 x 1	4
Contains 210 pcs, 20 sizes					

Contains 210 Hex Head Tapping Screws and 20 Fender Washers in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-615

TAPPING SCREWS WITH FENDER WASHERS (ZINC PLATED)		
Part #	Size	Qty
Fender Washers		
162-394	3/16	2
162-395	1/4	3
162-396	5/16	4
162-397	5/16	5
162-398	3/8	6
Hex Head Slot		
213-137	#8 x 1/2	7
213-187	#10 x 3/8	8
213-189	#10 x 1/2	9
213-190	#10 x 5/8	10
213-191	#10 x 3/4	11
213-276	#14 x 1/2	12
213-277	#14 x 5/8	13
213-278	#14 x 3/4	14
213-280	#14 x 1	15
213-282	#14 x 1-1/4	16
213-442	5/16 x 3/4	17
213-444	5/16 x 1	18
213-448	5/16 x 1-1/2	19
213-489	3/8 x 1	20
213-493	3/8 x 1-1/2	21
Contains 230 pcs, 20 sizes		



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS

Contains 1001 Papco® Spee-Drill® Screws in various sizes. Also includes magnetic chuck. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-617



PAPCO® SPEE-DRILL® SCREWS WITH MAGNETIC CHUCK

Part #	Diameter x Length	Qty
1/4" Across Flats		
222-085*	#6 x 1/2	150
-	#7 x 1/2	250
222-137*	#8 x 1/2	300
-	#10 x 1/2	200
-	#10 x 3/4	100
Magnetic Chuck		
-	1/4HX-1-7/8OAL	1
Contains 1001 pcs, 6 sizes		

Contains 1230 Cotter Pins in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-618

COTTER PINS (PLATED)

Part #	Diameter x Length	Qty
Pan Head Phillips		
165-043	1/16 x 1/2	75
165-045	1/16 x 3/4	100
165-047	1/16 x 1	100
165-049	1/16 x 1-1/4	75
165-051	1/16 x 1-1/2	75
165-089	3/32 x 3/4	75
165-091	3/32 x 1	125
165-093	3/32 x 1-1/4	125
165-095	3/32 x 1-1/2	75
165-098	3/32 x 2	50
165-139	1/8 x 3/4	35
165-141	1/8 x 1	50
165-143	1/8 x 1-1/4	75
165-145	1/8 x 1-1/2	50
165-147	1/8 x 1-3/4	20
165-148	1/8 x 2	25
165-171	5/32 x 1-1/2	40
165-174	5/32 x 2	30
165-197	3/16 x 1-1/2	15
165-200	3/16 x 2	15
Contains 1230 pcs, 20 sizes		



*Limited stock available. Subject to change without notification.

— Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS

Contains 1200 S.A.E. Washers Plated in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-619



S.A.E WASHERS (PLATED)

Part #	Bolt Size	Qty	Part #	Bolt Size	Qty
154-006	#6 (1/8)	100	154-022	1/2	100
154-010	#10 (3/16)	200	154-023	9/16	50
154-014	1/4	200	154-024	5/8	25
154-016	5/16	200	154-026	3/4	10
154-018	3/8	200	154-028	7/8	10
154-020	7/16	100	154-030	1	5

Contains 1200 pcs, 12 sizes

Contains 1615 Plain Steel Washers in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-620

PLAIN STEEL WASHERS

Part #	Size	Qty
S.A.E Washers		
-	#8	555
Flat Washers		
146-010	3/16	450
146-014	1/4	225
146-016	5/16	145
146-018	3/8	90
146-020	7/16	60
146-022	1/2	40
146-023	9/16	27
146-024	5/8	13
146-026	3/4	10

Contains 1615 pcs, 10 sizes



Contains 1257 Spring Lock Washers in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-621



SPRING LOCK WASHERS (PLATED)

Part #	Size	Qty	Part #	Size	Qty
157-006	#6	75	157-022	1/2	55
157-008	#8	75	157-023	9/16	30
157-010	#10 (3/16)	150	157-024	5/8	25
157-014	1/4	300	157-026	3/4	12
157-016	5/16	300	157-028	7/8	5
157-018	3/8	150	157-030	1	5
157-020	7/16	75			

Contains 1257 pcs, 13 sizes

For Metric Spring Lock Washers
see 020-727 on page 43

Display and contents not exactly as shown.

Restock not available. Contact your sales representative.

paulin[®] MASTER ASSORTMENTS

Contains 1512 pieces: 155 Cap Screws, 143 Nuts, 924 Lock Washers and S.A.E. Washers & 145 Stove Bolts with 145 Nuts in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-622



For Metric Cap Screws and Nuts, see 020-725 on page 42 and 020-726 on page 43

CAP SCREWS, NUTS, LOCK WASHERS, S.A.E WASHERS AND STOVE BOLTS/NUTS

Part #	Size	Qty	Part #	Size	Qty
Hex Head Cap Screws UNC Plated Grade 5			Spring Lock Washers Plated		
075-307	1/4 x 3/4	38	157-014	1/4	210
075-309	1/4 x 1	35	157-016	5/16	200
075-442	5/16 x 3/4	25	157-018	3/8	139
075-444	5/16 x 1	25	Round Head Square Slot Machine Screws Zinc Plated		
075-489	3/8 x 1	17	1741-193	10-24 x 1	60
075-493	3/8 x 1-1/2	15	1741-307	1/4-20 x 3/4	44
Finished Hex Nuts UNC Plated Grade 2			1741-309	1/4-20 x 1	41
083-014	1/4-20	61	Hex Steel Machine Screw Nuts Plated		
083-016	5/16-18	46	184-010	10-24	60
083-018	3/8-16	36	184-014	1/4-20	85
S.A.E Washers Plated			Contains 1512 pcs, 20 sizes		
154-014	1/4	159			
154-016	5/16	133			
154-018	3/8	83			

Contains 816 pieces with Round and Oval Head Screws with Hexagon Nuts in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-623

MACHINE SCREWS - ROUND AND OVAL HEAD WITH HEX NUTS

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Oval Head Phillips			Pan Head Phillips		
173-085	#6-32 x 3/8	30	173-305	1/4-20 x 1/2	23
173-135	#8-32 x 3/8	30	173-307	1/4-20 x 3/4	12
175-137*	#8-32 x 1/2	30	173-309	1/4-20 x 1	23
-	#8-32 x 3/4	30	Hex Machine Screw Nuts		
175-191*	#10-24 x 3/4	12	184-006	#6-32	60
-	#10-32 x 1/2	30	184-008	#8-32	180
Pan Head Phillips			184-010	#10-24	35
173-137	#8-32 x 1/2	30	184-011	#10-32	90
173-139	#8-32 x 3/4	30	184-014	1/4-20	58
173-141	#8-32 x 1	30	Contains 816 pcs, 20 sizes		
173-189	#10-24 x 1/2	23			
173-217	#10-32 x 1/2	30			
173-219	#10-32 x 3/4	30			



For Metric Machine Screws and Hex Machine Screw Nuts, see 020-728 on page 44

*Limited stock available. Subject to change without notification.

— Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 1120 pieces Round and Flat Head Square Drive Machine Screws with Hex Nuts in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments and hinged lid.

020-624



For Metric Machine Screws and Hex Machine Screw Nuts, see 020-728 on page 44

MACHINE SCREWS (ROUND AND FLAT HEAD)

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Round Head Square Slot			Flat Head Socket		
1741-085	#6-32 x 3/8	20	176-085	#6-32 x 3/8	20
1741-087	#6-32 x 1/2	25	176-087	#6-32 x 1/2	25
1741-091	#6-32 x 1	25	176-091	#6-32 x 1	25
1741-095	#6-32 x 1-1/2	20	176-137	#8-32 x 1/2	20
1741-137	#8-32 x 1/2	20	176-139	#8-32 x 3/4	25
1741-139	#8-32 x 3/4	25	176-141	#8-32 x 1	25
1741-141	#8-32 x 1	25	176-145	#8-32 x 1-1/2	20
1741-145	#8-32 x 1-1/2	20	176-217	#10-32 x 1/2	20
1741-217	#10-32 x 1/2	20	176-221	#10-32 x 1	25
1741-221	#10-32 x 1	25	176-225	#10-32 x 1-1/2	20
1741-225	#10-32 x 1-1/2	20	176-309	1/4-20 x 1	20
1741-307	1/4-20 x 3/4	25	Hex Machine Screw Nuts		
1741-309	1/4-20 x 1	25	184-006	#6-32	160
1741-313	1/4-20 x 1-1/2	20	184-008	#8-32	180
			184-011	#10-32	130
			184-014	1/4-20	90

Contains 1120 pcs, 29 sizes

Contains 1370 Internal and External Washers in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments, hinged lid and lock.

020-625

TOOTH LOCK WASHERS (INTERNAL AND EXTERNAL)

Part #	Size	Qty	Part #	Size	Qty
External			Internal		
161-106	#6 (1/8)	75	161-206	#6 (1/8)	75
161-108	#8 (5/32)	100	161-208	#8 (5/32)	50
161-110	#10 (3/16)	200	161-210	#10 (3/16)	75
161-114	1/4	150	161-214	1/4	150
161-118	5/16	150	161-218	5/16	50
161-120	3/8	75	161-220	3/8	50
161-122	7/16	25	161-222	7/16	25
161-124	1/2	25	161-224	1/2	25
161-128	5/8	25	161-228	5/8	10
161-132	3/4	25	161-232	3/4	10

Contains 1370 pcs, 20 sizes



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS

Contains 300 Universal O-Rings in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments, hinged lid and lock.

020-626



UNIVERSAL O-RINGS

Part #	Size	Qty	Part #	Size	Qty
304-001	1/8	15	304-016	13/16	9
304-002	5/32	15	304-017	7/8	9
304-003	3/16	15	304-018	15/16	9
304-004	7/32	15	304-019	1	9
304-005	1/4	15	304-020	1-1/16	9
304-006	5/16	12	304-021	1-1/8	9
304-007	3/8	12	304-022	1-3/16	9
304-008	3/8 L	12	304-023	1-1/4	9
304-009	7/16	12	304-024	1-5/16	9
304-010	1/2	12	304-025	1-3/8	5
304-011	9/16	12	304-026	1-7/16	5
304-012	5/8	12	304-027	1-1/2	5
304-013	11/16	12	304-028	1-1/2 L	4
304-014	3/4	12	304-029	1-5/8	4
304-015	3/4 L	9	304-030	1-3/4	4

Contains 300 pcs, 30 sizes

Contains 403 Snap Rings in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-627

SNAP RINGS

Part #	Shaft #	Qty	Part #	Shaft #	Qty
Internal Type			External Type		
268-222	1/2	10	268-505	1/8	18
268-224	5/8	10	268-606	5/32	18
268-226	3/4	8	268-506	5/32	18
268-227	13/16	8	268-510	3/16	18
268-228	7/8	6	268-511	3/16 L	18
268-329	15/16	6	268-610	3/16 L	18
268-330	1	6	268-514	7/32	18
268-230	1 L	6	268-614	1/4	18
268-231	1-1/16	5	268-516	1/4	18
268-332	1-1/8	5	268-414	1/4 x L	15
268-232	1-1/8	5	268-518	5/16	14
268-234	1-1/4	4	268-616	5/16	18
268-237	1-3/8	4	268-618	3/8	14
268-238	1-1/2	3	268-520	3/8	14
268-242	1-3/4	2	268-418	3/8 L	14
268-246	2	2	268-522	7/16	12
			268-422	1/2 L	10
			268-620	9/16	9
			268-424	5/8	10
			268-426	3/4	8
			268-428	7/8	7
			268-430	1	6

Contains 403 pcs, 38 sizes



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS

Contains 191 Socket Set Screws in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-629



For Metric Socket Set Screws, see 020-725 on page 44

SOCKET SET SCREWS

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
Coarse Thread			Fine Thread		
138-132	#8-32 x 3/16	20	139-184*	#10-32 x 3/16	8
138-133	#8-32 x 1/4	20	139-301	1/4-28 x 1/4	8
-	#10-24 x 3/16	10	-	5/16-24 x 5/16	10
138-185	#10-24 x 1/4	10	Hex Alloy Steel Keys - Short Arm Series		
138-301	1/4-20 x 1/4	20	140-102*	5/64	4
138-303	1/4-20 x 3/8	10	140-103*	3/32	6
138-305*	1/4-20 x 1/2	10	140-105*	1/8	6
138-437*	5/16-18 x 5/16	10	140-107*	5/32	6
138-438*	5/16-18 x 3/8	10	140-108*	3/16	2
138-440*	5/16-18 x 1/2	5	140-110*	1/4	1
138-483	3/8-16 x 3/8	10	Contains 191 pcs, 21 sizes		
138-575*	1/2-13 x 1/2	5			

Contains Thread Repair kits in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-631

PERMA-THREAD® REPAIR KITS					
Part #	Size	Qty	Part #	Size	Qty
Inches Coarse Thread			Inches Coarse Thread		
1208-101	10-24	1	1208-107	7/16-14	1
1208-104	1/4-20	1	1208-108	1/2-13	1
1208-105	5/16-18	1	Metric		
1208-106	3/8-16	1	1214-414	M14 x 1.25	1
Contains 7 pcs, 7 sizes					



Contains Engine Studs and Nuts in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.*

020-632*



ENGINE STUDS AND NUTS

Part #	Size	Qty	Part #	Size	Qty
Engine Studs			Nuts - Brass		
264-018	5/16 x 2	4	5626-016	5/16-18 UNC	7
264-048	3/8 x 2	6	264-955	3/8-24 UNF	15
264-049	3/8 x 2 UNC	5	264-957	3/8-16 UNC	5
264-060	3/8 x 3	4	5626-018	3/8-16 UNC	9
264-066	3/8 x 4	4	264-958	7/16-20 UNF	9
264-067	3/8 x 4	3	264-959	7/16-14 UNC	5
264-094	7/16 x 2-3/8	4	Contains 80 pcs, 13 sizes		

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

— Restock not available. Contact your sales representative.

paulin[®] MASTER ASSORTMENTS

Contains 110 Cup and Shallow Cup Type Expansion Plugs in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-633

EXPANSION PLUGS (CUP AND SHALLOW CUP TYPES)

Part #	Size	Qty	Part #	Size	Qty
Cup Type			Cup Type		
260-114	1/2	5	260-198	1-3/4	5
260-120*	19/32	5	260-219	1-15/16	5
260-130	3/4	7	Shallow Cup Type		
260-142	15/16	5	260-311	5/8	5
260-144	1	7	260-333	1-5/8	5
260-165	1-1/4	8	260-339	1-3/4	4
260-168	1-3/8	5	260-365	2-1/16	4
260-174	1-1/2	10	260-372	2-7/64	4
260-177	1-1/2	5	Contains 110 pcs, 18 sizes		
260-186	1-5/8	14			
260-194	1-3/4	7			



Contains 82 screws, 20 popular sizes, and is packed in a sturdy, metal sectional divided box.

020-636



SQUARE HEAD SET SCREWS

Part #	Size	Qty	Part #	Size	Qty
136-305	1/4 x 1/2	5	136-489	3/8 x 1	7
136-307	1/4 x 3/4	3	136-491	3/8 x 1-1/4	3
136-309	1/4 x 1	3	136-493	3/8 x 1-1/2	2
136-440	5/16 x 1/2	5	136-496	3/8 x 2	2
136-442	5/16 x 3/4	3	136-532	7/16 x 3/4	3
136-444	5/16 x 1	7	136-534	7/16 x 1	4
136-448	5/16 x 1-1/2	2	136-577	1/2 x 3/4	4
136-485	3/8 x 1/2	5	136-579	1/2 x 1	6
136-487	3/8 x 3/4	7	136-581	1/2 x 1-1/4	7
			136-583	1/2 x 1-1/2	2
			136-586	1/2 x 2	2
Contains 82 pcs, 20 sizes					

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 135 Utility Springs, consisting of Compression and Extension Springs in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-637*



UTILITY SPRINGS (COMPRESSION AND EXTENSION)

Part #	Diameter x Length	Qty	Type	Part #	Diameter x Length	Qty	Type
311-612	5/32 x 2-1/8	5	E	311-610	11/32 x 3	5	E
311-636	3/16 x 1-1/8	6	E	311-656	3/8 x 2	6	C
311-616	3/16 x 1-1/4	5	E	311-650	3/8 x 2-3/4	6	C
311-623	3/16 x 2-1/2	5	E	311-631	3/8 x 11	1	E
311-676	3/16 x 5	4	C	311-601	3/8 x 11-1/2	2	C
311-617	1/4 x 1-1/8	6	E	311-655	7/16 x 2-3/4	5	C
311-615	1/4 x 1-1/2	7	C	311-622	7/16 x 3	5	C
311-624	1/4 x 3-3/4	4	E	311-606	7/16 x 5	3	E
311-609	1/4 x 4	4	E	311-661	7/16 x 6-3/8	2	E
311-607	1/4 x 5-3/4	4	E	311-605	7/16 x 6-1/2	3	E
311-677	1/4 x 5	4	C	311-611	1/2 x 4-1/2	3	E
311-635	9/32 x 1-1/8	5	E	311-604	1/2 x 5-1/2	2	E
311-628	9/32 x 1-7/8	6	E	311-632	1/2 x 11	1	E
311-618	9/32 x 2	10	C	311-653	5/8 x 3-3/8	4	C
311-678	5/16 x 5	4	C	311-602	5/8 x 11-1/2	2	C
311-608	5/16 x 6	3	E	311-603	7/8 x 10	1	C
311-658	5/16 x 7-1/4	2	E	Contains 135 pcs, 33 sizes			

E - Extension C - Compression

Contains 140 Expansion Plugs both Standard and Cup Types in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-640

EXPANSION PLUGS (STANDARD AND CUP TYPES)

Part #	Size	Qty	Part #	Size	Qty
Standard Type			Cup Type		
260-008	7/16	4	260-144	1	3
260-010	1/2	10	260-165	1-1/4	4
260-014	5/8	12	260-174	1-1/2	8
260-018	3/4	8	260-186	1-5/8	12
260-020	13/16	4	260-194	1-3/4	4
260-024	7/8	9	Contains 140 pcs, 19 sizes		
260-028	1	6			
260-030	1-1/32	12			
260-036	1-3/16	5			
260-039	1-1/4	5			
260-045	1-3/8	10			
260-054	1-1/2	10			
260-057	1-5/8	10			
260-069	2	4			



For Metric Expansion Plugs, see 020-666 on page 40

Display and contents not exactly as shown.

paulin[®] MASTER ASSORTMENTS

Contains Clevis Pins in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-641



CLEVIS PINS

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
255-221	3/16 x 5/8	2	255-241	7/16 x 1-15/64	4
255-224	1/4 x 51/64	5	255-244	7/16 x 1-3/4	4
255-225	1/4 x 1	6	255-074	7/16 x 2	1
255-203	5/16 x 3/4	4	255-245	1/2 x 1-27/64	7
255-226	5/16 x 31/32	5	255-251	1/2 x 1-1/4	4
255-228	5/16 x 1-1/4	2	255-246	1/2 x 1-1/2	6
255-064	3/8 x 2	2	255-248	1/2 x 2	6
255-235	3/8 x 1	4	255-086	1/2 x 3	1
255-236	3/8 x 1-3/32	5	Contains 78 pcs, 18 sizes		
255-237	3/8 x 1-1/4	6			

Contains 275 Spring Pins in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-642

SLOTTED SPRING PINS

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
301-087	3/32 x 1/2	20	301-193	3/16 x 1	20
-	3/32 x 3/4	15	301-197	3/16 x 1-1/2	10
-	3/32 x 1	20	301-309	1/4 x 1	20
301-137	1/8 x 1/2	15	301-313	1/4 x 1-1/2	10
-	1/8 x 3/4	15	301-316	1/4 x 2	10
-	1/8 x 1	20	301-444	5/16 x 1	9
301-165	5/32 x 3/4	15	301-448	5/16 x 1-1/2	9
-	5/32 x 1	20	301-451	5/16 x 2	9
301-171	5/32 x 1-1/2	10	301-493	3/8 x 1-1/2	4
301-191	3/16 x 3/4	20	301-496	3/8 x 2	4

Contains 275 pcs, 20 sizes



Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS

Contains 421 Speed Nuts consisting of both Flat and Formed Types in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-644



SPEED NUTS (FLAT AND FORMED TYPES)

Part #	Size	Qty	Part #	Size	Qty
Flat Types			Formed Types		
240-089	#6-32	25	240-226	#8	15
240-091	#6-32	35	240-228	#8	18
240-108	#8	32	240-232	#8	15
240-100	#8-32	25	240-242	#10	20
240-101	#8-32	25	240-247	#10	14
240-127	#10	40	240-250	#10	23
-	#10-24	50	240-243	#10-24	15
240-159	1/4-20	25	240-266	#12 U	14
			240-267	#14	10
			240-268	#14	10
			240-263	1/4-20	10

Contains 421 pcs, 19 sizes

Contains 208 Plated Grade 5 UNF Fine Thread Cap Screws in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-646

CAP SCREWS GRADE 5 (FINE THREAD - PLATED)

Part #	Size	Qty	Part #	Size	Qty
076-305	1/4 x 1/2	13	076-489	3/8 x 1	13
076-307	1/4 x 3/4	17	076-493	3/8 x 1-1/2	13
076-309	1/4 x 1	20	076-496	3/8 x 2	7
076-313	1/4 x 1-1/2	17	076-534	7/16 x 1	5
076-316	1/4 x 2	7	076-538	7/16 x 1-1/2	5
076-442	5/16 x 3/4	17	076-541	7/16 x 2	4
076-444	5/16 x 1	20	076-583	1/2 x 1-1/2	4
076-446	5/16 x 1-1/4	17	076-586	1/2 x 2	3
076-448	5/16 x 1-1/2	15	076-672	5/8 x 1-1/2	2
076-451	5/16 x 2	7	076-675	5/8 x 2	2

Contains 208 pcs, 20 sizes



For Metric Cap Screws and Nuts, see 020-725 on page 42, 020-726 on page 43 and 020-730 on page 44

Display and contents not exactly as shown.

Restock not available. Contact your sales representative.

paulin MASTER ASSORTMENTS

Contains 208 Plated Grade 5 UNC Coarse Thread Cap Screws in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-647



For Metric Cap Screws and Nuts, see 020-725 on page 42 and 020-726 on page 43

CAP SCREWS GRADE 5 (COARSE THREAD - PLATED)

Part #	Size	Qty	Part #	Size	Qty
075-305	1/4 x 1/2	13	075-489	3/8 x 1	13
075-307	1/4 x 3/4	17	075-493	3/8 x 1-1/2	13
075-309	1/4 x 1	20	075-496	3/8 x 2	7
075-313	1/4 x 1-1/2	17	075-534	7/16 x 1	5
075-316	1/4 x 2	7	075-538	7/16 x 1-1/2	5
075-442	5/16 x 3/4	17	075-541	7/16 x 2	4
075-444	5/16 x 1	20	075-583	1/2 x 1-1/2	4
075-446	5/16 x 1-1/4	17	075-586	1/2 x 2	3
075-448	5/16 x 1-1/2	15	075-672	5/8 x 1-1/2	2
075-451	5/16 x 2	7	075-675	5/8 x 2	2

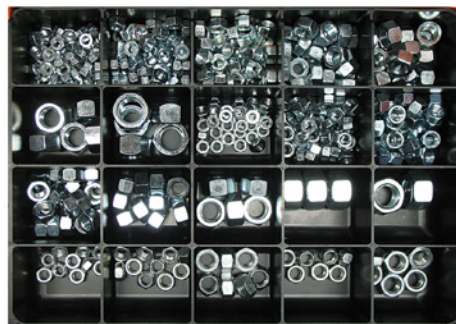
Contains 208 pcs, 20 sizes

Contains 376 'Conelock' Locknuts Grade B UNC/UNF Zinc Plated with Hex Nuts Grade 2 UNC/UNF in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-648

'CONELOCK' LOCKNUTS GRADE B UNC ZINC PLATED WITH HEX NUTS GRADE 2 UNC/UNF PLATED

Part #	Size	Qty	Part #	Size	Qty
Locknuts UNC			Hex Nuts UNF		
061-516	5/16-18	10	084-014	1/4-28	50
061-518	3/8-16	10	084-016	5/16-24	50
061-522	1/2-13	7	084-018	3/8-24	40
Locknuts UNF			084-020	7/16-20	20
-	3/8-24	7	084-022	1/2-20	15
-	1/2-20	6	084-024	5/8-18	6
Hex Nuts UNC			084-026	3/4-16	5
083-014	1/4-20	30	Contains 376 pcs, 19 sizes		
083-016	5/16-18	40			
083-018	3/8-16	40			
083-020	7/16-14	20			
083-022	1/2-13	10			
083-024	5/8-11	5			
083-026	3/4-10	5			



Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 32 items for a total of 315 pieces of the most popular Ring, Spade, Hook, Butt and Quick Disconnect Terminals. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-650



WIRING TERMINALS

Part #	Size	Qty	Part #	Size	Qty
Red			Blue		
569-421	1/4R 22-18GA	10	569-473	BUTT 18-14GA	20
569-415	#6R 22-18GA	10	569-474	1/4FEM 18-14GA	10
569-420	#10R 22-18GA	10	569-475	1/4MALE 18-14GA	10
569-425	4-6S 22-18GA	10	569-478	BULLET 18-14GA	5
569-422	6-10MF 22-18GA	10	569-500	SPLICE 18-14	5
569-424	8-10H 22-18GA	10	Yellow		
569-426	8-10S 22-18GA	10	569-511	#10R 12-10GA	10
569-432	BUTT 22-18GA	10	569-531	6-10MF 12-10GA	10
Blue			569-516	8-10S 12-10GA	10
569-525	BULLET RECP.	5	569-522	BUTT 12-10GA	10
569-462	1/4R 18-14GA	10	569-512	1/4R 12-10GA	10
569-460	#6R 18-14GA	10	569-513	3/8R 12-10GA	5
569-468	#8SS 18-14GA	10	569-529	CLOSED END	5
569-461	#10R 18-14GA	22	'T' Tap		
569-469	#10SS 18-14GA	10	569-530	'T' TAP	3
569-466	4-6S 18-14GA	10	Contains 315 pcs, 32 sizes		
569-464	6-10MF 18-14GA	10			
569-465	8-10H 18-14GA	10			
569-467	8-10S 18-14GA	20			
569-470	3 WAY 18-14GA	5			

Contains 1000 Tapping Screws Pan Head Socket in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-660

TAPPING SCREWS (PAN HEAD SOCKET - PLATED)					
Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
208-041	#4 x 3/8	25	208-189	#10 x 1/2	35
208-043	#4 x 1/2	50	208-191	#10 x 3/4	25
208-085	#6 x 3/8	25	208-193	#10 x 1	50
208-087	#6 x 1/2	100	208-195	#10 x 1-1/4	25
208-089	#6 x 3/4	75	208-197	#10 x 1-1/2	25
208-091	#6 x 1	50	208-200	#10 x 2	15
208-135	#8 x 3/8	75	208-248	#12 x 3/4	20
208-137	#8 x 1/2	100	208-250	#12 x 1	15
208-138	#8 x 5/8	25	208-252	#12 x 1-1/4	10
208-139	#8 x 3/4	75	208-280	#14 x 1	10
208-141	#8 x 1	100	208-284	#14 x 1-1/2	10
208-143	#8 x 1-1/4	25	208-287	#14 x 2	10
208-145	#8 x 1-1/2	25	Contains 1000 pcs, 25 sizes		



Display and contents not exactly as shown.

Restock not available. Contact your sales representative.

paulin® MASTER ASSORTMENTS

Contains Black Trim Screws in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-662



BLACK TRIM SCREWS					
Part #	Size	Qty	Part #	Size	Qty
Inches			Inches		
Oval Phillips			Oval Phillips		
229-401	#8 x 1/2	10	229-911	#8 x 3/4	25
229-962	#8 x 1/2	10	229-915	#8 x 1	25
229-849	#8 x 5/8	12	229-919	#8 x 1-1/4	15
229-402	#8 x 5/8	10	229-933	#10 x 3/4	12
229-968	#8 x 3/4	15	229-937	#10 x 1	12
229-851	#8 x 3/4	25	229-945	#10 x 1-1/2	10
229-403	#8 x 3/4	25	Oval Phillips Drill-X SEMS		
229-972	#8 x 1	10	229-987	#8 x 3/4	5
229-407	#8 x 1-1/4	10	229-988	#8 x 1	5
229-414	#10 x 3/4	10	Metric Round Washer Head		
229-416	#10 x 1	10	230-303	M4.2 x 12 mm	5
229-937	#10 x 1	12	230-306	M4.2 x 20 mm	5
229-980	#10 x 3/4	5	Contains 350 pcs, 27 sizes		
229-982	#10 x 1	5			
Oval Phillips SEMS					
229-855	#8 x 1	25			
229-883	#10 x 3/4	12			
229-887	#10 x 1	12			
229-405	#8 x 1	25			
229-919	#8 x 1-1/4	15			

Contains 1000 Blind Rivets in both Aluminium and Steel Domed Heads in 10 sizes and 2 sizes of Back-up Plates. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-667

BLIND RIVETS					
Part #	Size	Qty	Part #	Size	Qty
S.A.E Steel Washer			Steel Rivet - Steel Mandrel		
150-010*	3/16	50	239-211	1/8 0.063-0.125	135
Aluminum Rivet - Aluminum Mandrel			239-214	1/8 0.126-0.187	200
239-011	1/8 0.188-0.250	75	239-217	1/8 0.188-0.250	200
239-017	1/8 0.188-0.250	135	Back-up Plate Aluminum		
239-053	3/16 0.126-0.250	35	239-492	3/16	50
Aluminum Rivet - Steel Mandrel			Back-up Plate Steel		
239-114	1/8 0.126-0.187	75	239-493	1/8	100
239-117	1/8 0.188-0.250	75	Contains 1200 pcs, 13 sizes		
239-150	3/16 0.126-0.250	35			
239-153	3/16 0.126-0.250	35			



*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS

Contains 395 pieces in 20 sizes of Papco® Drill-X® Self-Drilling Tapping Screws in Pan Socket and Hexagon Washer Head. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-668



DRILL-X® SELF-TAPPING SCREWS

Part #	Size	Qty	Part #	Size	Qty
Pan Socket Head			Hex Washer Head		
232-031	#6 x 1/2	15	232-082	#10 x 1	25
232-032	#8 x 1/2	25	232-084	#10 x 1-1/2	35
232-034	#8 x 3/4	25	232-086	#12 x 3/4	10
232-035	#8 x 1	30	232-088	#12 x 1-1/2	15
232-038	#10 x 5/8	10	232-089	#12 x 2	10
232-039	#10 x 3/4	25	232-092	#14 x 3/4	20
Hex Washer Head			232-093	#14 x 1	15
232-071	#8 x 1/2	12	232-095	#14 x 1-1/2	15
232-073	#8 x 3/4	25	232-097	#14 x 2	15
232-074	#8 x 1	35	Contains 395 pcs, 20 sizes		
232-078	#10 x 1/2	13			
232-080	#10 x 3/4	20			

Contains 500 18.8 Stainless Steel Fasteners (Tapping Screws, Pan & Oval Slot Wood Screws, Machine Screws, Nuts and Finishing Washers in various sizes sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-673

MARINE FASTENERS			Part #	Size	Qty
Hex Machine Screw Nuts			Flat Head Socket Tapping Screw		
5035-006	#6-32	15	5162-043	#4 x 1/2	15
5035-008	#8-32	20	5162-089	#6 x 3/4	30
5035-010	#10-24	15	5162-139	#8 x 3/4	35
5035-014	1/4-20	10	5162-141	#8 x 1	35
Finishing Washers			5162-193	#10 x 1	20
5056-971	#6	15	5162-197	#10 x 1-1/2	15
5056-973	#8	20	Pan Head Socket Tapping Screw		
5056-975	#10	10	5163-043	#4 x 1/2	15
5056-979	1/4	10	5163-089	#6 x 3/4	20
Round Head Slot Machine Screws			5163-139	#8 x 3/4	25
5103-087*	#6-32 x 1/2	15	5163-141	#8 x 1	25
5103-141*	#8-32 x 1	20	5163-193	#10 x 1	10
-	#10-24 x 1-1/2	15	Oval Head Socket Tapping Screw		
-	1/4-20 x 2	10	5165-089	#6 x 3/4	20
			5165-139	#8 x 3/4	25
			5165-141	#8 x 1	25
			5165-193	#10 x 1	10
			Contains 500 pcs, 27 sizes		



*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

— Restock not available. Contact your sales representative.

paulin[®] MASTER ASSORTMENTS

Contains 150 Trim Fasteners - General Motors. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-679



TRIM FASTENERS

Part #	Make	Qty	Application
247-012	GM	5	Trim Fastener
247-053	GM	5	Trim Fastener
247-056	GM	5	Trim Fastener
247-061	GM	5	Trim Fastener
247-080	GM	10	Trim Fastener Cut-Out
247-082	GM	5	Trim Fastener Cut-Out
247-085	GMC TRUCK	5	Trim Fastener Cut-Out
247-095	GM	5	Trim Fastener Cut-Out
247-101	CHRYSLER, VW	5	Trim Fastener Cut-Out
247-150	GM	10	Trim Fastener Weather Strip
247-210	GM	10	Trim Fastener Shield
247-211	GM, FORD	20	Shield Retainer
247-212	GM	10	Shield Retainer
247-215	GM/CHRY/FORD	15	Trim Fastener Shield
247-216	GM	10	Radiator Fastener
247-222	GM/FORD	5	Fascia Retainer
247-235	GM, FORD	5	Trim Fastener Shield
247-248	GM	5	Hood insulation Fastener
247-249	GM	5	Hood Insulation Fastener
247-250	GM	5	Trim Fastener Shield

Contains 150 pcs, 20 sizes

Contains 150 Trim Fasteners - Chrysler & Ford. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-680

TRIM FASTENERS			
Part #	Make	Qty	Application
247-025	CHRYSLER	5	Trim Fastener Christmas Tree
247-038	FORD	5	Trim Fastener
247-052	FORD	5	Trim Fastener
247-055	FORD	15	Trim Fastener Christmas Tree
247-062	FORD	10	Trim Fastener
247-065	FORD	5	Trim Fastener Christmas Tree
247-110	FORD	5	Trim Fastener Cut-Out
247-136	CHRYSLER	5	Trim Fastener
247-165	FORD	10	Trim Fastener Weatherstrip
247-211	GM, FORD	20	Shield Retainer
247-215	GM/CHRY/FORD	20	Trim Fastener Shield
247-230	GM, FORD	5	Trim Fastener Shield
247-231	FORD	5	Trim Fastener Shield
247-232	FORD	5	Fascia Retainer
247-236	CHRYSLER	5	Radiator Fastener
247-237	CHRYSLER	5	Fascia Retainer
247-238	CHRYSLER	5	Hood Insulation Fastener
247-245	FORD, CHRY.	5	Trim Fastener Shield
247-252	FORD	5	Hood Insulation Fastener
247-253	FORD	5	Hood Insulation Fastener

Contains 150 pcs, 20 sizes



Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS - METRIC

MASTER ASSORTMENTS are the best selection of products for all automotive, industrial and commercial end users. Six tray cabinet available for easier organization (022-091, page 83).

- Assortments are packed in a sturdy, metal container with high-strength, moulded plastic compartments and hinged lid
- Individual compartments separate items for quick selection
- Illustrations and retail price codes shown on grease-resistant lid label
- Curved, 'coin-drawer' bottom makes removal easy
- Refill available in standard packages
- Carrying handle and safety snap lock for greater convenience
- Merchandiser size: 9-3/4" w x 13-3/4" l x 2" d

Contains 126 pieces Inch and Metric Drain Plugs and Gaskets in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-630



DRAIN PLUGS AND GASKETS					
Part #	Size	Qty	Part #	Size	Qty
Drain Plug Inches			Metric Drain Plugs		
263-710	1/2-20	6	263-912	12 mm x 1.25	6
263-718	1/2-20	3	263-913	12 mm x 1.25	6
263-816	9/16	3	263-911	12 mm x 1.75 STD	3
Gaskets			263-908	M12 x 1.75	3
263-869	15/32 x 7/8 x 0.080	3	263-919	M12 x 1.75	3
263-885	15/32 x 15/16	8	263-929	M12 x 1.75	2
263-815	31/64 x 3/4	8	263-914	14 mm x 1.5 STD	12
263-844	17/32 x 3/4 x 0.080	8	263-917	14 mm x 1.5	3
263-876	17/32 x 31/32	11	263-923	M14 x 1.5	3
263-856	19/32 (14 mm)	8	263-925	M14 x 1.5	3
263-817	5/8	5	Metric Gaskets		
			263-875	12 mm x 25 mm	11
			263-870	14 mm x 20 mm	8
Contains 126 pcs, 22 sizes					

Contains 125 Steel Spacer Washers all 1/32" thick in sizes from 1/4" to 1-1/2". Packed in a transparent, plastic box.

020-658

WHEEL BOLTS AND NUTS					
Part #	Size	Qty	Part #	Size	Qty
Wheel Nuts			Wheel Bolts		
558-014	7/16-20 R REG	10	560-172	1/2-20R x 1-7/8	5
558-016	1/2-20 R REG	10	Metric Wheel Nuts		
558-027	1/2-20 R REG	10	559-150	M12 x 1.5 REG	10
Wheel Bolts			Metric Wheel Bolts		
560-114	7/16-20R x 1-1/2	5	561-122	M12 x 1.5R x 36 mm	5
560-386	7/16-20R x 1-5/16	5	561-154	M12 x 1.5R x 36 mm	5
560-103	1/2-20R x 1-1/2	5	561-108	M12 x 1.5R x 38.5 mm	5
560-138	1/2-20R x 1-5/8	5	561-109	M12 x 1.5R x 40 mm	5
560-155	1/2-20R x 1-5/8	5	561-110	M12 x 1.5R x 43 mm	10
560-148	1/2-20R x 113/16	5	561-248	M12 x 1.5R x 43 mm	5
560-167	1/2-20R x 115/16	5	561-251	M12 x 1.5R x 51 mm	5
560-173	1/2-20R x 1-3/4	5	Contains 125 pcs, 20 sizes		



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS - METRIC

Contains 120 Metric Standard & Cup Types

020-666



EXPANSION PLUGS

Part #	Size	Qty
Standard Type		
261-024	24 mm	6
261-046	35 mm	10
261-090	52 mm	6
Cup Type		
261-105	12 mm	4
261-107	14 mm	4
261-126	25 mm	8
261-138	30 mm	5
261-145	34 mm	12
261-146	35 mm	8
261-161	40 mm	12
261-165	41 mm	16
261-170	42.3 mm	3
261-177	45 mm	4
261-181	47 mm	3
261-184	49.5 mm	5
261-185	50 mm	14

Contains 120 pcs, 16 sizes

Contains 160 pieces of 17 popular sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-685

GREASE FITTINGS

Part #	Size	Qty	Part #	Size	Qty
Inches			Metric		
Pipe Thread Straight			Thread Straight		
904-610	1/8 NPT	25	904-701	6 mm x 1.0	25
Pipe Thread 45°			904-702	8 mm x 1.0	10
904-688	1/8 NPT	25	904-703	10 mm x 1.0	10
Pipe Thread 65°			Thread 45°		
904-612	1/8 NPT	25	904-745	6 mm x 1.0	25
Pipe Thread 90°			904-746	8 mm x 1.0	10
904-613	1/8 NPT	25	904-747	10 mm x 1.0	10
Thread Short Straight			Thread 90°		
904-641	1/4-28	25	904-790	6 mm x 1.0	25
Thread Short 45°			904-791	8 mm x 1.0	10
904-636	1/4-28	25	904-792	10 mm x 1.0	10
Thread Short 90°			Contains 160 pcs, 17 sizes Inch & Metric Fittings		
904-691	1/4-28	25			
Thread Long Straight					
904-652	1/4-28	25			



Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS - METRIC

Contains 100 'U' Nuts in both Multi-Thread and Single Thread Types. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-692



'U' NUTS					
Part #	Size	Qty	Part #	Size	Qty
Inches			Metric		
240-706	#6	2	241-604	M4 x 0.7	2
240-708	#8	2	241-605	M4 x 0.7	3
240-709	#8 L	3	241-606	M6 x 1.0	5
240-710	#10	3	241-607	M6 x 1.0 L	5
240-714	#14	3	241-612	M6.3 x 1.0	5
240-715	#14 L	2	241-608	M8 x 1.25 L	10
240-614	1/4-20	5	241-609	M8 x 1.25	10
240-615	1/4-20 L	5	241-610	M10 x 1.5	5
240-616	5/16-18	10	Contains 100 pcs, 20 sizes		
240-617	5/16-18 L	5			
240-618	3/8-16 L	5			
240-619	3/8-16	10			

Contains 120 pieces. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-693

'PLASTI'-RIVETS		
Part #	Size/Make	Qty
247-306	5 mm x 4.5 mm	10
247-300	5 mm x 6 mm	10
247-307	5 mm x 10 mm	10
247-301	6.3 mm x 10 mm	10
247-302	6.3 mm x 6 mm	10
247-303	6.3 mm x 10 mm	10
247-304	6.6 mm x 5 mm	10
247-305	6.6 mm x 5 mm	10
247-401	GM	5
247-402	GM	5
247-403	GM	5
247-405	GM	5
247-406	GM, FORD	5
247-407	GM	5
247-411	GM	5
247-462	FORD	10
247-464	FORD	5
247-466	FORD	10
247-467	FORD	5
247-468	FORD	5
Contains 120 pcs, 20 sizes		



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS - METRIC

Contains 190 pieces. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-695



J.I.S 10.9 FLANGE BOLTS & NUTS

Part #	Size	Qty	Part #	Size	Qty
Bolts			Bolts		
611-270	M6-1.0 x 16	10	611-368	M10-1.25 x 25	5
611-274	M6-1.0 x 25	10	611-370	M10-1.25 x 30	5
611-277	M6-1.0 x 35	10	611-371	M10-1.25 x 35	5
611-279	M6 X 1.0 x 45 mm	10	611-372	M10-1.25 x 40	5
611-316	M8-1.25 x 20	10	611-373	M10-1.25 x 45 mm	5
611-318	M8-1.25 x 25	10	611-374	M10-1.25 x 50 mm	5
611-322	M8-1.25 x 40	5	611-376	M10-1.25 x 60 mm	5
611-324	M8-1.25 x 50 mm	5	Nuts		
611-326	M8-1.25 x 60 mm	5	244-986	M6 x 1.0	25
611-366	M10-1.25 x 20	5	244-987	M8 x 1.25	25
			244-998	M10 x 1.25 JIS	25
Contains 190 pcs, 20 sizes					

Contains 562 Cap Screws and Nuts in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-725

CAP SCREWS & NUTS		
Part #	Size	Qty
608-139	M4 x 16	25
608-198	M5 x 12	25
608-201	M5 x 16	30
608-203	M5 x 20	30
608-205	M5 x 25	25
608-267	M6 x 12	20
608-270	M6 x 16	25
608-272	M6 x 20	25
608-274	M6 x 25	25
608-276	M6 x 30	15
608-277	M6 x 35	5
608-279	M6 x 45	5
Hex Nuts		
670-004	M4	25
670-005	M5	110
670-006	M6	112
Lock Nuts		
700-004	M4	20
700-005	M5	20
700-006	M6	20
Contains 562 pcs, 18 sizes		



Display and contents not exactly as shown.

paulin® MASTER ASSORTMENTS - METRIC

Contains 186 Cap Screws and Nuts. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-726



CAP SCREWS & NUTS

Part #	Size	Qty	Part #	Size	Qty
Screws			Hex Nuts		
608-311	M8 x 12	8	670-008	M8 THR P 1.25	61
608-314	M8 x 16	9	670-010	M10 THR P 1.5	22
608-316	M8 x 20	10	Lock Nuts		
608-318	M8 x 25	10	700-008	M8	10
608-320	M8 x 30	8	700-010	M10	10
608-322	M8 x 40	6	Contains 186 pcs, 18 sizes		
608-324	M8 x 50	4			
608-326	M8 x 60	3			
608-328	M8 x 70	3			
608-370	M10 x 30	6			
608-372	M10 x 40	6			
608-374	M10 x 50	4			
608-376	M10 x 60	3			
608-378	M10 x 70	3			

Contains 1000 pieces. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-727

FLAT, SPRING & LOCK WASHERS		
Part #	Size	Qty
Flat Washers		
730-004	4 mm	100
730-005	5 mm	100
730-006	6 mm	100
730-008	8 mm	75
730-010	10 mm	50
Spring Lock Washers		
740-004	4 mm	100
740-005	5 mm	100
740-006	6 mm	125
740-008	8 mm	75
740-010	10 mm	50
Lock Washers		
024-324	M4	25
024-325	M5	25
024-326	M6	25
024-328	M8	25
024-330	M10	25
Contains 1000 pcs, 15 sizes		



Display and contents not exactly as shown.

paulin MASTER ASSORTMENTS - METRIC

Contains 383 pieces. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-728



SOCKET SET SCREWS AND MACHINE SCREWS

Black Box #	Size	Qty	Black Box #	Size	Qty
Hex Nuts Coarse Thread			Socket Set Screws		
670-004	M4-0.70	40	-	M4 x 5	10
670-005	M5-0.80	40	-	M4 x 10	10
670-006	M6-1.00	60	-	M5 x 10	10
Machine Screws Pan Head			-	M5 x 16	10
770-132	M4-0.70 x 6	20	-	M6 x 8	10
770-136	M4-0.70 x 12	20	-	M6 x 12	10
770-197	M5-0.80 x 10	20	-	M6 x 20	10
770-201	M5-0.80 x 16	20	-	M8 x 8	10
770-266	M6-1.00 x 10	20	-	M8 x 20	10
770-270	M6-1.00 x 16	20	-	M8 x 12	10
770-272	M6-1.00 x 20	20	Hex Keys		
			-	M2	1
			-	M4	1
			-	M3	1
Contains 383 pcs, 23 sizes					

Contains 130 pieces. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-730

CAP SCREWS & NUTS (FINE & EXTRA FINE THREAD)

Part #	Size	Qty	Part #	Size	Qty
Screws			Nuts		
609-320	M8 x 1.0 x 30 mm	5	670-208	M8 x 1	10
609-324	M8 x 1.0 x 50 mm	5	670-750	M10 x 1	16
610-366	M10 x 1.0 x 20 mm	4	670-210	M10 x 1.25	20
610-368	M10 x 1.0 x 25 mm	4	670-765	M12 x 1.25	9
610-372	M10 x 1.0 x 40 mm	4	670-212	M12 x 1.5	10
610-374	M10 x 1.0 x 50 mm	4	Contains 130 pcs, 20 sizes		
609-368	M10 x 1.25 x 25 mm	5			
609-370	M10 x 1.25 x 30 mm	5			
609-372	M10 x 1.25 x 40 mm	5			
609-374	M10 x 1.25 x 50 mm	5			
610-414	M12 x 1.25 x 30 mm	3			
610-416	M12 x 1.25 x 40 mm	3			
610-418	M12 x 1.25 x 50 mm	3			
609-416	M12 x 1.5 x 40 mm	5			
609-418	M12 x 1.5 x 50 mm	5			



Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 200 Expansion Plugs in Standard and Cup Types. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-800



EXPANSION PLUGS

Part #	Size	Qty	Part #	Size	Qty
Standard Types			Cup Types		
260-008	7/16	4	260-114	1/2	5
260-010	1/2	8	260-120*	19/32	5
260-014	5/8	10	260-130	3/4	7
260-018	3/4	8	260-142	15/16	5
260-020	13/16	4	260-144	1	7
260-024	7/8	9	260-165	1-1/4	16
260-028	1	6	260-168	1-3/8	5
260-030	1-1/32	12	260-174	1-1/2	12
260-036	1-3/16	5	260-177	1-1/2	5
260-039	1-1/4	5	260-180	1-1/2	4
260-045	1-3/8	8	260-186	1-5/8	14
260-054	1-1/2	8	260-194	1-3/4	7
260-057	1-5/8	8	260-198	1-3/4	5
			260-204	1-3/4	4
			260-240	2-3/32	4

Contains 200 pcs, 28 sizes

Contains 180 Expansion Plugs in both Cup and Shallow Cup Types. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-801

EXPANSION PLUGS

Part #	Size	Qty	Part #	Size	Qty
Cup Types			Shallow Cup Types		
260-114	1/2	5	260-311	5/8	5
260-118	9/16	4	260-318	1-1/4	4
260-120*	19/32	5	260-333	1-5/8	5
260-130	3/4	7	260-339	1-3/4	4
260-142	15/16	5	-	1-59/64	3
260-144	1	7	260-365	2-1/16	4
260-165	1-1/4	17	260-370*	2-7/64	4
260-168	1-3/8	5	260-372	2-7/64	9
260-174	1-1/2	12	260-372	2-7/64	5
260-177	1-1/2	5	260-378	2-5/32	4
260-177	1-1/2	10			
260-180	1-1/2	5	Contains 180 pcs, 29 sizes		
260-186	1-5/8	16			
260-194	1-3/4	7			
260-198	1-3/4	5			
260-204	1-3/4	4			
260-207	1-49/64	4			
260-219	1-15/16	5			
260-240	2-3/32	5			



*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

— Restock not available. Contact your sales representative.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 180 Bolts and Nuts Universal. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-802



WHEEL PARTS					
Part #	Size	Qty	Part #	Size	Qty
Nuts			Bolts		
558-014	7/16-20 R REG	10	560-173	1/2-20R x 1 3/4	5
558-016	1/2-20 R REG	10	560-186	1/2-20R x 1-7/8	5
558-027	1/2-20 R REG	10	Metric Bolts		
Bolts			561-380	M10 x 1.25R x 29 mm	5
560-386	7/16-20R x 1-5/16	5	561-100	M12 x 1.25R x 39 mm	5
560-114	7/16-20R X 1-1/2	5	561-102	M12 x 1.25R x 32 mm	5
560-102	1/2-20R x 1-5/8	5	561-106	M12 x 1.5R x 38.5 m	5
560-103	1/2-20R x 1-1/2	5	561-108	M12 x 1.5R x 38.5 m	5
560-105	1/2-20R x 1 13/16	5	561-109	M12 x 1.5R x 40 mm	5
560-110	1/2-20R x 2	5	561-110	M12 x 1.5R x 43 mm	5
560-138	1/2-20R x 1-5/8	5	561-122	M12 x 1.5R x 36 mm	5
560-148	1/2-20R x 1 13/16	5	561-154	M12 x 1.5R x 36 mm	5
560-155	1/2-20R x 1-5/8	5	561-166	M12 x 1.5R x 32 mm	5
560-167	1/2-20R x 1 15/16	5	561-167	M12 x 1.5R x 28 mm	5
560-172	1/2-20R x 1-7/8	5	561-248	M12 x 1.5R x 43 mm	5
			561-251	M12 x 1.5R x 51 mm	5
			Metric Nuts		
			559-125	M12 x 1.25 REG	10
			559-150	M12 x 1.5 REG	10
Contains 180 pcs, 31 sizes					

Display and contents not exactly as shown.

paulin SUPER-SERVICE ASSORTMENTS

Contains 248 Set Screws and Keys. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-803



SOCKET SET SCREWS					
Part #	Size	Qty	Part #	Size	Qty
Socket Set Screws Coarse Thread			Socket Set Screws Fine Thread		
138-081	#6-32 x 1/8	6	139-184*	#10-32 x 3/16	6
138-082	#6-32 x 3/16	9	139-185	#10-32 x 1/4	7
138-083*	#6-32 x 1/4	9	139-186*	#10-32 x 5/16	4
138-130*	#8-32 x 1/8	6	139-301	1/4-28 x 1/4	7
138-132	#8-32 x 3/16	15	139-303	1/4-28 x 3/8	6
138-133	#8-32 x 1/4	15	-	5/16-24 x 5/16	9
-	#8-32 x 5/16	6	-	3/8-24 x 3/8	6
-	#8-32 x 3/8	9	Socket Set Screw Keys		
-	#10-24 x 3/16	9	140-101*	1/16	1
138-185	#10-24 x 1/4	9	140-102*	5/64	1
138-186*	#10-24 x 5/16	6	140-103*	3/32	1
-	#10-24 x 3/8	9	140-105*	1/8	1
138-301	1/4-20 x 1/4	15	140-107*	5/32	1
-	1/4-20 x 5/16	6	140-108*	3/16	1
138-303	1/4-20 x 3/8	9	140-110*	1/4	1
138-305*	1/4-20 x 1/2	9	140-111*	5/16	1
138-437*	5/16-18 x 5/16	9	Contains 248 pcs, 45 sizes		
138-438*	5/16-18 x 3/8	9			
138-440*	5/16-18 x 1/2	4			
138-483	3/8-16 x 3/8	9			
138-485	3/8-16 x 1/2	4			
138-486*	3/8-16 x 5/8	3			
138-575*	1/2-13 x 1/2	4			
138-576*	1/2-13 x 5/8	3			
138-665*	5/8-11 x 5/8	3			

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

— Restock not available. Contact your sales representative.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 3020 Plain, S.A.E., Lock, Tooth Lock & Fender Washers. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-804



FLAT AND LOCK WASHERS

Part #	Size	Qty	Part #	Size	Qty
Plain Steel Washers			External Tooth Lock Washers		
146-010	3/16 BS	100	161-110	#10 (3/16)	75
146-014	1/4	125	161-114	1/4	100
146-016	5/16	100	161-118	5/16	75
146-018	3/8	75	161-120	3/8	50
146-020	7/16	25	Internal Tooth Lock Washers		
146-022	1/2	30	161-210	#10 (3/16)	75
S.A.E Steel Washers			161-214	1/4	100
-	#8	100	161-218	5/16	75
150-010*	3/16	150	161-220	3/8	50
-	1/4	200	Fender Washers		
150-016*	5/16	150	162-395	1/4	50
150-018*	3/8	125	162-396	5/16	25
-	7/16	50	162-399	5/16	20
150-022*	1/2	75	162-398	3/8	20
Spring Lock Washers			Contains 3020 pcs, 32 sizes		
157-008	#8	125			
157-010	#10 (3/16)	175			
157-014	1/4	200			
157-016	5/16	175			
157-018	3/8	150			
157-020	7/16	75			
157-022	1/2	100			

*Limited stock available. Subject to change without notification.

Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 3345 Cotter Pins & Throttle Rod Retainers. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-805



COTTER PINS AND THROTTLE ROD RETAINERS

Part #	Size	Qty	Part #	Size	Qty
Cotter Pins			Throttle Rod Clips and Retainers		
165-043	1/16 x 1/2	150	262-073	1/16	75
165-045	1/16 x 3/4	150	262-075	5/64	75
165-047	1/16 x 1	150	262-076	1/8	75
165-049	1/16 x 1-1/4	125	262-078	5/32	50
165-051	1/16 x 1-1/2	150	262-080	7/32	50
165-089	3/32 x 3/4	150	262-084	1/4	75
165-091	3/32 x 1	200	-	5/16	50
165-093	3/32 x 1-1/4	125	262-088	3/8	50
165-095	3/32 x 1-1/2	200	Contains 3345 pcs, 32 sizes		
165-098	3/32 x 2	100			
165-139	1/8 x 3/4	125			
165-141	1/8 x 1	200			
165-143	1/8 x 1-1/4	100			
165-145	1/8 x 1-1/2	150			
165-147	1/8 x 1-3/4	65			
165-148	1/8 x 2	100			
165-167	5/32 x 1	100			
165-169	5/32 x 1-1/4	75			
165-171	5/32 x 1-1/2	100			
165-174	5/32 x 2	65			
165-193	3/16 x 1	75			
165-195	3/16 x 1-1/4	65			
165-197	3/16 x 1-1/2	75			
165-200	3/16 x 2	50			

Display and contents not exactly as shown.

 Restock not available. Contact your sales representative.

paulin[®] SUPER-SERVICE ASSORTMENTS

Contains 2750 Round Square/Slot & Flat Square Drive Screws and Nuts in various sizes. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-806



MACHINE SCREWS AND NUTS

Part #	Size	Qty	Part #	Size	Qty
Round Square/Slot Screws			Flat Square Drive Screws		
1741-085	#6-32 x 3/8	75	176-085	#6-32 x 3/8	50
1741-087	#6-32 x 1/2	100	176-087	#6-32 x 1/2	100
1741-089	#6-32 x 3/4	100	176-089	#6-32 x 3/4	100
1741-091	#6-32 x 1	80	176-091	#6-32 x 1	75
1741-095	#6-32 x 1-1/2	65	176-095	#6-32 x 1-1/2	50
1741-137	#8-32 x 1/2	100	176-137	#8-32 x 1/2	100
1741-139	#8-32 x 3/4	100	176-139	#8-32 x 3/4	100
1741-141	#8-32 x 1	100	176-141	#8-32 x 1	100
1741-145	#8-32 x 1-1/2	50	176-145	#8-32 x 1-1/2	50
1741-217	#10-32 x 1/2	100	176-217	#10-32 x 1/2	100
1741-219	#10-32 x 3/4	100	176-219	#10-32 x 3/4	100
1741-221	#10-32 x 1	100	176-221	#10-32 x 1	60
1741-225	#10-32 x 1-1/2	50	176-225	#10-32 x 1-1/2	50
1741-307	1/4-20 x 3/4	75	176-309	1/4-20 x 1	75
1741-309	1/4-20 x 1	75	176-313	1/4-20 x 1-1/2	40
1741-311	1/4-20 x 1-1/4	30	Hex Machine Screw Nuts		
1741-313	1/4-20 x 1-1/2	50	184-006	#6-32	50
			184-008	#8-32	75
			184-011	#10-32	75
			184-014	1/4-20	50
Contains 2750 pcs, 36 sizes					

Contains 1450 Pan & Oval Head Slot Tapping Screws. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-807

TAPPING SCREWS					
Part #	Size	Qty	Part #	Size	Qty
Pan Head Slot			Pan Head Slot		
205-085*	6 x 3/8	100	205-191*	10 x 3/4	75
205-087*	6 x 1/2	100	205-193*	10 x 1	50
205-089*	6 x 3/4	75	205-195*	10 x 1-1/4	35
-	6 x 1	50	-	10 x 1-1/2	40
-	6 x 1-1/4	35	-	12 x 3/4	40
205-135*	8 x 3/8	75	205-250*	12 x 1	40
205-137*	8 x 1/2	100	205-252*	12 x 1-1/4	25
205-139*	8 x 3/4	75	-	12 x 1-1/2	35
205-141*	8 x 1	100	205-280*	14 x 1	30
205-143*	8 x 1-1/4	50	Oval Head Slot		
205-145*	8 x 1-1/2	45	206-139*	8 x 3/4	30
205-189*	10 x 1/2	50	206-191*	10 x 3/4	25
Contains 1450 pcs, 23 sizes					



*Limited stock available. Subject to change without notification.

Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin SUPER-SERVICE ASSORTMENTS

Contains 650 Hex Head Tapping Screws & Fender washers. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-808



TAPPING SCREWS

Part #	Size	Qty	Part #	Size	Qty
Fender Washers			Hex Head Tapping Screws		
162-394	3/16	10	213-187	10 x 3/8	35
162-395	1/4	10	213-189	10 x 1/2	60
162-396	5/16	10	213-190	10 x 5/8	50
162-397	5/16	10	213-191	10 x 3/4	75
162-399	5/16	10	213-248	12 x 3/4	50
162-398	3/8	10	213-276	14 x 1/2	45
Hex Head Tapping Screws			213-277	14 x 5/8	30
213-442	5/16 x 3/4	15	213-278	14 x 3/4	35
213-444	5/16 x 1	15	213-280	14 x 1	40
213-446	5/16 x 1-1/4	10	213-282	14 x 1-1/4	35
213-448	5/16 x 1-1/2	5	213-284	14 x 1-1/2	25
213-489	3/8 x 1	10	Contains 650 pcs, 25 sizes		
213-493	3/8 x 1-1/2	5			
213-137	8 x 1/2	50			

Contains 1225 Phillips Screws. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-809

PHILLIPS TRIM SCREWS			Part #	Size	Qty
Part #	Size	Qty	Part #	Size	Qty
Inches			Pan Phillips Tapping Screws		
Oval Phillips Tapping Screws			229-110	6 x 1/2	50
-	6 x 1/2	50	229-120	8 x 1/2	50
-	6 x 3/4	50	229-122	8 x 3/4	50
-	8 x 3/4	50	229-140	10 x 1/2	35
-	8 x 1	50	229-142	10 x 3/4	35
-	8 x 1-1/4	35	229-164	12 x 1	25
-	10 x 1	35	Metric		
Oval Phillips Trim Screws (Small Head)			Oval Small Phillips Trim Screws		
229-220	8 x 1/2	50	230-207	4.2 x 20 mm	50
229-222	8 x 3/4	50	Pan Phillips Trim Screws		
229-224	8 x 1	50	230-203	4.2 x 13 mm	35
229-228	8 x 1-1/2	25	230-205	4.2 x 20 mm	35
229-226	8 x 1-1/4	50	Moulding Trim Screws (Round Washer Head)		
229-240	10 x 1/2	35	230-301	4.2 x 8 mm	50
229-242	10 x 3/4	35	230-302	4.2 x 12 mm	50
229-244	10 x 1	35	230-304	4.2 x 16 mm	50
229-248	10 x 1-1/2	25	230-305	4.2 x 20 mm	50
229-250	10 x 2	20	Contains 1225 pcs, 30 sizes		
-	10 x 2-1/2	15			



Display and contents not exactly as shown.

Restock not available. Contact your sales representative.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 500 Terminals complete coverage. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-812



WIRING TERMINALS

Part #	Size	Qty
Red		
569-421	1/4R 22-18GA	10
569-415	#6R 22-18GA	10
569-420	#10R 22-18GA	30
569-425	4-6S 22-18GA	10
569-422	6-10MF 22-18GA	20
569-424	8-10H 22-18GA	10
569-426	8-10S 22-18GA	10
569-432	BUTT 22-18GA	25
Blue		
569-525	BULLET RECEP.	15
569-462	1/4R 18-14GA	15
569-460	#6R 18-14GA	15
569-468	#8SS 18-14GA	25
569-461	#10R 18-14GA	30
569-469	#10SS 18-14GA	25
569-466	4-6S 18-14GA	15
569-464	6-10MF 18-14GA	20
569-465	8-10H 18-14GA	15
569-467	8-10S 18-14GA	15
569-470	3 WAY 18-14GA	10

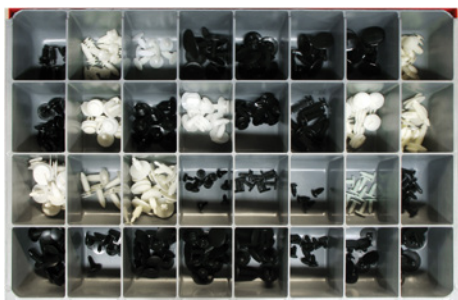
Part #	Size	Qty
Blue		
569-473	BUTT 18-14GA	30
569-474	1/4FEM 18-14GA	15
569-475	1/4MALE 18-14GA	15
569-478	BULLET 18-14GA	15
569-500	SPLICE 18-14	10
Yellow		
569-511	#10R 12-10GA	10
569-531	6-10MF 12-10GA	15
569-516	8-10S 12-10GA	10
569-522	BUTT 12-10GA	20
569-512	1/4R 12-10GA	10
569-513	3/8R 12-10GA	10
569-529	CLOSED END	10
'T' Tap		
569-530	'T' TAP	5
Contains 500 pcs, 33 sizes		

Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 320 Trim & Weather-strip Fasteners plus Sheild Retainers. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-813



TRIM FASTENERS

Part #	Make	Qty	Application
247-010	GM	8	Trim Panel Retainer
247-012	GM	12	Door Trim Panel
247-020	CHRYSLER	8	Roof Headliner
247-024	FORD	10	Fascia to Bumper
247-025	CHRYSLER	9	Trim Panel
247-027	FORD	8	Trim Panel Retainer
247-038	FORD	8	Trim Panel Retainer
247-052	FORD	10	Door Trim Panel
247-053	GM	10	Door Trim Panel
247-055	FORD	10	Interior Trim Panel
247-056	GM	8	Panel Retainer
247-061	GM	8	Door Trim Panel
247-062	FORD	8	Door Trim Panel
247-065	FORD	7	Seat Back
247-080	GM	12	Door Trim Panel & Headliner
247-082	GM	8	Trim Panel
247-085	GMC TRUCK	12	Door Trim Panel
247-095	GM	6	Trim Panel
247-110	FORD	10	Trim Panel Retainer
247-150	GM	12	Door Weatherstrip
247-155	GM	10	Door and Body Weatherstrip
247-160	CHRYSLER	5	Weatherstrip
247-165	FORD	10	Door Weatherstrip
247-210	GM	16	Dash Panel
247-211	GM, FORD	20	Radiator
247-212	GM	10	Screen Shroud
247-215	GM/CHRY/FORD	16	Fender
247-216	GM	8	Radiator Apron
247-222	GM/FORD	8	Bumper
247-232	FORD	12	Fascia
247-235	GM, FORD	13	Mud Shield
247-237	CHRYSLER	8	Fascia

Contains 320 pcs, 32 sizes

Display and contents not exactly as shown.

paulin SUPER-SERVICE ASSORTMENTS

Contains 173 Standard & Universal Clevis Pins & Clips. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-816



CLEVIS PINS AND CLIPS					
Part #	Size	Qty	Part #	Size	Qty
Cotter Pins			Hitch Pin Clips		
165-043	1/16 x 1/2	8	255-303	3/32 x 1-5/8	8
165-089	3/32 x 3/4	8	255-307	3/32 x 2-5/16	8
165-141	1/8 x 1	8	255-311	1/8 x 2-9/16	8
Clevis Pins Universal			255-316	1/8 x 1-3/4	8
255-044	1/4 x 2	3	255-310	5/32 x 2-15/16	5
255-054	5/16 x 2	3	Contains 173 pcs, 17 sizes		
255-064	3/8 x 2	3			
255-074	7/16 x 2	2			
255-076	7/16 x 3	2			
255-084	1/2 x 2	2			
255-086	1/2 x 3	2			
255-106	5/8 x 3	1			
255-126	3/4 x 3	1			

Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 731 Snap Rings Internal/External - 50 sizes complete coverage. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-817



SNAP RINGS					
Part #	Size	Qty	Part #	Size	Qty
Internal			External		
268-222	1/2	20	268-428	7/8	14
268-224	5/8	20	268-430	1	12
268-226	3/4	16	268-432	1-1/8	5
268-227	13/16	16	268-434	1-1/4	4
268-228	7/8	12	268-436	1-5/16	4
268-329	15/16	12	268-518	3/8	14
268-330	1	12	268-618	3/8	28
268-230	1 L	12	268-418	3/8 L	28
268-231	1-1/16	10	268-520	7/16	14
268-332	1-1/8	10	268-722	1/2	10
268-232	1-1/8	10	268-522	1/2	24
268-234	1-1/4	4	268-422	1/2 L	20
268-237	1-3/8	4	268-620	9/16	18
268-238	1-1/2	3	268-724	5/8	4
268-242	1-3/4	2	268-424	5/8	20
268-246	2	2	268-438	1-3/8	4
External			268-440	1-1/2	3
268-505	1/8	18	268-442	1-3/4	2
268-506	5/32	18	268-444	2	2
268-606	5/32	36	Contains 731 pcs, 50 sizes		
268-510	3/16	18			
268-511	3/16 L	18			
268-610	3/16 L	36			
268-714	1/4	14			
268-514	1/4	18			
268-614	1/4	36			
268-414	1/4 XL	30			
268-716	5/16	12			
268-516	5/16	18			
268-616	5/16	36			
268-718	3/8	12			
268-426	3/4	16			

Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 289 Engine Studs & Nuts. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-818



ENGINE STUDS AND NUTS					
Part #	Size	Qty	Part #	Size	Qty
Engine Studs			Nuts		
264-018	5/16 x 2	6	5626-022	1/2-13	5
264-024	5/16 x 2-1/2	6	-	1/2-20	12
264-032	5/16 x 3	5	Metric Nuts		
264-048	3/8 x 2	10	670-006	M6 THR P 1	5
264-049	3/8 x 2 UNC	10	670-008	M8 THR P 1.25	22
264-060	3/8 x 3	8	670-010	M10 THR P 1.5	10
264-066	3/8 x 4	8	Metric Engine Studs		
264-086	7/16 x 1-3/4	5	264-230	M6 x 30 mm	5
264-088	7/16 x 2	5	264-328	M8 x 28 mm	6
264-094	7/16 x 2-3/8	8	264-335	M8 x 35 mm	8
264-096	7/16 x 2-1/2	5	264-338	M8 x 38 mm	8
264-134	1/2 x 2-1/2	6	264-346	M8 x 46 mm	10
Nuts			264-443	M10 x 43 mm	8
5626-016	5/16-18	7	264-450	M10 x 50 mm	10
-	5/16-24	17	264-451	M10 x 50 mm	10
5626-018	3/8-16	18	Contains 289 pcs, 31 sizes		
264-955	3/8-24 UNF	18			
264-958	7/16-20 UNF	23			
264-959	7/16-14 UNC	5			

Contains 770 Slotted Spring Pins. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-819

SPRING PINS					
Part #	Size	Qty	Part #	Size	Qty
301-087	3/32 x 1/2	35	301-190	3/16 x 5/8	20
-	3/32 x 3/4	30	-	3/16 x 3/4	35
-	3/32 x 1	35	301-193	3/16 x 1	35
301-137	1/8 x 1/2	30	301-195	3/16 x 1-1/4	20
301-138	1/8 x 5/8	20	-	3/16 x 1-1/2	25
-	1/8 x 3/4	30	301-200	3/16 x 2	20
-	1/8 x 1	35	301-307	1/4 x 3/4	25
301-143	1/8 x 1-1/4	20	-	1/4 x 1	35
301-145	1/8 x 1-1/2	25	301-311	1/4 x 1-1/4	20
301-148	1/8 x 2	20	301-313	1/4 x 1-1/2	25
301-163	5/32 x 1/2	25	-	1/4 x 2	20
301-165	5/32 x 3/4	30	301-444	5/16 x 1	15
-	5/32 x 1	35	301-448	5/16 x 1 -1/2	15
301-171	5/32 x 1-1/2	25	301-451	5/16 x 2	10
301-189	3/16 x 1/2	25	301-489	3/8 x 1	10
			301-493	3/8 x 1-1/2	10
			301-496	3/8 x 2	10
Contains 770 pcs, 32 sizes					



Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS

Contains 374 Woodruff Keys. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-820



WOODRUFF KEYS

Part #	Width x Diameter	Qty	Part #	Width x Diameter	Qty
302-010	1/16 x 1/2	14	302-091	1/4 x 3/4	15
302-020	3/32 x 1/2	14	302-121	1/4 x 7/8	12
302-040	3/32 x 5/8	25	302-150	1/4 x 1	12
302-030	1/8 x 1/2	20	302-180	1/4 x 1-1/8	9
302-050	1/8 x 5/8	25	302-210	1/4 x 1-1/4	7
302-070	1/8 x 3/4	14	302-220	1/4 x 1-3/8	4
302-060	5/32 x 5/8	25	302-240	1/4 x 1-1/2	5
302-080	5/32 x 3/4	14	302-270	1/4 x 2-1/8	3
302-100	5/32 x 7/8	12	302-152	5/16 x 1	10
302-061	3/16 x 5/8	20	302-183	5/16 x 1-1/8	6
302-090	3/16 x 3/4	20	302-214	5/16 x 1-1/4	4
302-110	3/16 x 7/8	12	302-250	5/16 x 1-1/2	3
302-130	3/16 x 1	12	302-280	5/16 x 2-1/8	3
302-160	3/16 x 1-1/8	10	Contains 374 pcs, 32 sizes		
302-190	3/16 x 1-1/4	7			
302-120	7/32 x 7/8	12			
302-140	7/32 x 1	10			
302-170	7/32 x 1-1/8	8			
302-200	7/32 x 1-1/4	7			

Contains 390 Universal O-Rings. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-821

UNIVERSAL O-RINGS					
Part #	Size	Qty	Part #	Size	Qty
304-001	1/8	19	304-016	13/16	12
304-002	5/32	19	304-017	7/8	12
304-003	3/16	19	304-018	15/16	12
304-004	7/32	19	304-019	1	12
304-005	1/4	19	304-020	1-1/16	12
304-006	5/16	15	304-021	1-1/8	7
304-007	3/8	30	304-022	1-3/16	7
304-008	3/8 L	15	304-023	1-1/4	7
304-009	7/16	15	304-024	1-5/16	7
304-010	1/2	30	304-025	1-3/8	7
304-011	9/16	12	304-026	1-7/16	7
304-012	5/8	12	304-027	1-1/2	7
304-013	11/16	12	304-028	1-1/2 L	7
304-014	3/4	12	304-029	1-5/8	7
304-015	3/4 L	12	304-030	1-3/4	7
Contains 390 pcs, 31 sizes					



Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS - METRIC

SUPER SERVICE ASSORTMENTS are perfect for Dealers, Jobbers and large users. These popular assortments have a wide range of carefully selected items in balanced quantities.

Contains 327 Moulding Bolts. Complete coverage. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-834



BODY BOLTS AND NUTS

Part #	Size	Qty	Part #	Size	Qty
'U' Nuts			Metric Body Bolts		
240-708	#8	12	245-400	M4.2 x 20	20
240-709	#8 L	20	245-322	M6 x 22 mm	10
240-710	#10	10	245-407	M6 x 1.0 x 25	25
240-614	1/4-20	20	245-525	M8 x 25 mm	10
240-616	5/16-18	20	245-440	M8 x 1.25 x 30	15
240-617	5/16-18 L	25	Metric 'U' Nuts		
240-618	3/8-16 L	10	241-606	M6 x 1.0	20
Body Bolts			241-607	M6 x 1.0 L	12
245-610	1/4-20 x 1-1/4	8	241-609	M8 x 1.25	10
245-615	5/16-18 x 7/8	20	241-608	M8 x 1.25 L	10
245-616	5/16-18 x 1	30	Contains 327 pcs, 21 sizes		
245-620	3/8-16 x 1	10			
245-630	3/8-16 x 1-1/2	10			

Contains 327 JIS Metric Flange Bolts and Nuts. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-835

J.I.S METRIC FLANGED BOLTS AND NUTS

Part #	Size	Qty	Part #	Size	Qty
Flanged Bolts			Flanged Bolts		
611-267	M6-1.00 x 12	10	611-326	M8-1.25 x 60	5
611-270	M6-1.00 x 16	10	611-328	M8-1.25 x 70	5
611-272	M6-1.00 x 20	10	611-364	M10-1.25 x 16	5
611-274	M6-1.00 x 25	10	611-366	M10-1.25 x 20	5
611-276	M6-1.00 x 30	10	611-368	M10-1.25 x 25	5
611-277	M6-1.00 x 35	10	611-370	M10-1.25 x 30	5
611-278	M6-1.00 x 40	5	611-371	M10-1.25 x 35	5
611-279	M6-1.00 x 45	5	611-372	M10-1.25 x 40	5
611-311	M8-1.25 x 12	10	611-373	M10-1.25 x 45	5
611-314	M8-1.25 x 16	10	611-374	M10-1.25 x 50	5
611-316	M8-1.25 x 20	10	611-376	M10-1.25 x 60	5
611-318	M8-1.25 x 25	10	611-378	M10-1.25 x 70	3
611-320	M8-1.25 x 30	10	Flanged Nuts		
611-321	M8-1.25 x 35	5	244-986	M6-1.00	50
611-322	M8-1.25 x 40	5	244-987	M8-1.25	50
611-323	M8-1.25 x 45	5	244-998	M10-1.25	50
611-324	M8-1.25 x 50	5	Contains 327 pcs, 32 sizes		



Display and contents not exactly as shown.

paulin® SUPER-SERVICE ASSORTMENTS - METRIC

Contains 182 J.I.S. Metric Flange Bolts and Nuts. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-836



J.I.S 10/9 METRIC FLANGE BOLTS AND NUTS					
Part #	Size	Qty	Part #	Size	Qty
Flange Nuts			Flange Bolts		
244-996	M6 x 1.0 JIS	30	611-318	M8-1.25 x 25	6
244-997	M8 x 1.25 JIS	30	611-320	M8-1.25 x 30	6
244-998	M10 x 1.25 JIS	30	611-321	M8-1.25 x 35	4
Flange Bolts			611-322	M8-1.25 x 40	4
611-270	M6-1.0 x 16	8	611-324	M8-1.25 x 50 mm	4
611-272	M6-1.0 x 20	8	611-326	M8-1.25 x 60 mm	4
611-274	M6-1.0 x 25	8	611-366	M10-1.25 x 20	4
611-276	M6-1.0 x 30	8	611-370	M10-1.25 x 30	4
611-278	M6-1.0 x 40	4	611-372	M10-1.25 x 40	4
611-314	M8-1.25 x 16	6	611-374	M10-1.25 x 50 mm	4
611-316	M8-1.25 x 20	6	Contains 182 pcs, 20 sizes		

Contains 535 Metric Cap Screws & Nuts. Packed in a sturdy metal container with high strength, moulded plastic compartments with hinged lid.

020-842

CAP SCREWS AND NUTS					
Part #	Size	Qty	Part #	Size	Qty
Screws			Screws		
608-198	M5 x 12	15	608-323	M8 x 45	8
608-201	M5 x 16	15	608-324	M8 x 50	8
608-203	M5 x 20	15	608-326	M8 x 60	7
608-205	M5 x 25	15	608-368	M10 x 25	15
608-267	M6 x 12	25	608-370	M10 x 30	10
608-270	M6 x 16	15	608-371	M10 x 35	15
608-272	M6 x 20	25	608-372	M10 x 40	8
608-274	M6 x 25	15	608-373	M10 x 45	8
608-276	M6 x 30	10	608-374	M10 x 50	8
608-277	M6 x 35	10	608-376	M10 x 60	8
608-279	M6 x 45	10	608-378	M10 x 70	7
608-311	M8 x 12	20	Nuts		
608-314	M8 x 16	15	670-005	M5 THR P 0.8	25
608-316	M8 x 20	20	670-006	M6 THR P 1	50
608-318	M8 x 25	15	670-008	M8 THR P 1.25	50
608-320	M8 x 30	10	670-010	M10 THR P 1.5	50
608-322	M8 x 40	8	Contains 535 pcs, 32 sizes		



Display and contents not exactly as shown.

paulin ASSORTMENTS

Contains 190 pieces of the most popular Specialty Rivets in various sizes. Packed in a sturdy plastic container with individual compartments.

020-450


SPECIALTY RETAINERS

Part #	Diameter x Length	Qty	Part #	Diameter x Length	Qty
247-407	1/4 x 9/16	15	247-446	11/16 x 11/16	15
247-406	1/4 x 7/8	15	247-467	5/6 x 7/8	10
247-408	1/4 x 7/8	5	247-397	27/32 x 1	5
247-466	1/4 x 7/8	10	247-403	1 x 7/8	5
247-468	1/4 x 1/4 x 21/32	10	247-428	1 x 7/8	5
247-494	5/16 x 23/32	5	247-429	1 x 29/32	10
247-405	3/8 x 23/32	5	Metric Specialty Retainers		
247-401	1/2 x 3/4	5	247-877	7 mm x 11 mm	15
247-396	19/32 x 29/32	15	247-496	10 mm x 27 mm	5
247-470	5/8 x 7/16	10	247-493	15 mm x 12 mm	15
247-480	11/16 x 5/8	10	Contains 190 pcs, 20 sizes		

Contains 20 lengths of Key Stock in all popular sizes. All 12" long.

020-853

AXLE KEY STOCK

Part #	Size	Qty
313-174	3/16 x 3/16 x 12	2
313-176	1/4 x 1/4 x 12	2
313-181	1/4 x 5/16 x 12	2
313-182	1/4 x 3/8 x 12	2
313-177	5/16 x 5/16 x 12	2
313-183	5/16 x 3/8 x 12	2
313-178	3/8 x 3/8 x 12	2
313-185	3/8 x 7/16 x 12	2
313-179	7/16 x 7/16 x 12	2
313-180	1/2 x 1/2 x 12	2
Contains 19 pcs, 10 sizes		



Contains 10 Universal Solderless Battery Terminals. Attractive three colour display card.

020-870


UNIVERSAL BATTERY TERMINAL

Part #	Size	Qty
570-395	UNIVERSAL	10
Contains 10 pcs, 1 size		

Display and contents not exactly as shown.

paulin ASSORTMENTS

Contains 190 Machinery Bushings in 29 sizes for complete coverage. Assortment includes a 3-colour display board and 13 screw hooks.

020-875



MACHINERY BUSHINGS					
Part #	Size	Qty	Part #	Size	Qty
Bushings			Bushings		
162-610	5/8 x 18 Ga.	9	162-627	1-1/4 x 10 Ga.	6
162-611	5/8 x 14 Ga.	9	162-631	1-3/8 x 18 Ga.	6
162-613	3/4 x 18 Ga.	9	162-632	1-3/8 x 14 Ga.	6
162-614	3/4 x 14 Ga.	9	162-633	1-3/8 x 10 Ga.	6
162-615	3/4 x 10 Ga.	9	162-635	1-1/2 x 14 Ga.	6
162-616	7/8 x 18 Ga.	7	162-636	1-1/2 x 10 Ga.	6
162-617	7/8 x 14 Ga.	7	162-640	1-3/4 x 18 Ga.	6
162-619	1 x 18 Ga.	7	162-641	1-3/4 x 14 Ga.	6
162-620	1 x 14 Ga.	7	162-642	1-3/4 x 10 Ga.	6
162-621	1 x 10 Ga.	7	162-650	1-7/8 x 14 Ga.	3
162-622	1-1/8 x 18 Ga.	7	162-653	2 x 14 Ga.	3
162-623	1-1/8 x 14 Ga.	7	162-654	2 x 10 Ga.	2
162-624	1-1/8 x 10 Ga.	7	162-657	2-1/8 x 10 Ga.	2
162-625	1-1/4 x 18 Ga.	6	Display Hooks		
162-626	1-1/4 x 14 Ga.	6	227-576	2"	13
Contains 190 pcs, 29 sizes					

Contains 2 sizes of Carburetor Throttle Return Springs. Mounted on an attractive 3-colour merchandising display card.

020-878

CARBURETOR SPRING DISPLAY		
Part #	Size	Qty
Screws		
311-002	SHORT	12
311-001	LONG	12
Contains 24 pcs, 2 sizes		



Contains 100 Grease Fittings in 6 popular sizes.

020-901



GREASE FITTINGS (INCH)		
Part #	Size	Qty
904-610	1/8 NPT (straight)	20
904-688	1/8 NPT (45° elbow)	4
904-613	1/8 NPT (90° elbow)	4
904-641	1/4-28 NPT (straight)	60
904-637	1/4-28 NPT (45° elbow)	6
904-691	1/4-28 NPT (90° elbow)	6
Contains 100 pcs, 6 sizes		

Display and contents not exactly as shown.

paulin ASSORTMENTS

Contains 100 Grease Fittings in 6 popular sizes.



020-902

GREASE FITTINGS (METRIC)

Part #	Size	Qty
904-701	6 mm x 1.0 (straight)	40
904-745	6 mm x 1.0 (90° elbow)	10
904-790	6 mm x 1.0 (90° elbow)	10
904-702	8 mm x 1.0 (straight)	20
904-746	8 mm x 1.0 (45° elbow)	10
904-703	10 mm x 1.0 (straight)	10

Contains 100 pcs, 6 sizes

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.

020-960

UNIVERSAL O-RING ASSORTMENT

Part #	Size	I.D.	O.D.	Qty	Part #	Size	I.D.	O.D.	Qty
-	1/16	1/8	1/4	20	-	1/8	3/4	1	10
-	1/16	5/32	9/32	20	-	1/8	13/16	1-1/16	10
-	1/16	3/16	5/16	20	-	1/8	7/8	1-1/8	10
-	1/16	7/32	11/32	20	-	1/8	15/16	1-3/16	10
-	1/16	1/4	3/8	20	-	1/8	1	1-1/4	10
-	1/16	5/16	7/16	20	-	1/8	1-1/16	1-5/16	10
-	1/16	3/8	1/2	20	-	1/8	1-1/8	1-3/8	10
-	3/32	3/8	9/16	13	-	1/8	1-3/16	1-7/16	10
-	3/32	7/16	5/8	13	-	1/8	1-1/4	1-1/2	10
-	3/32	1/2	11/16	13	-	1/8	1-5/16	1-9/16	10
-	3/32	9/16	3/4	13	-	1/8	1-3/8	1-5/8	10
-	3/32	5/8	13/16	13	-	1/8	1-7/16	1-11/16	10
-	3/32	11/16	7/8	13	-	1/8	1-1/2	1-3/4	10
-	3/32	3/4	15/16	13	-	3/16	1-1/2	1-7/8	7
					-	3/16	1-5/8	2	7
					-	3/16	1-3/4	2-1/18	7

Contains 382 pcs, 30 sizes



Restock not available. Contact your sales representative.

Display and contents not exactly as shown.

paulin ASSORTMENTS

- Designed for use in the Field or Shop
- Brass Pipe and D.O.T Air Brake Fittings for General Repairs
- Impact Resistant, Double-Sided Carry Case



DABFR-KIT-2

AIR BRAKE FIELD SERVICE KIT					
Part #	Size	Qty	Part #	Size	Qty
Side 1			Side 2		
Unions			Couplings		
D1462-4	1/4 Tube	2	D103-A	1/8 Pipe	2
D1462-6	3/8 Tube	2	D103-B	1/4 Pipe	2
D1462-8	1/2 Tube	2	D103-C	3/8 Pipe	2
D1462-10	5/8 Tube	1	D103-D	1/2 Pipe	1
Connectors			Bushings		
D1468-4A	1/4 Tube 1/8 Pipe	2	D110-BA	1/4 Tube to 1/8 Pipe	3
D1468-4B	1/4 Tube 1/4 Pipe	2	D110-CB	3/8 to 1/4 Pipe	2
D1468-6B	3/8 Tube 1/4 Pipe	2	D110-DC	1/2 to 3/8 Pipe	2
D1468-6C	3/8 Tube 3/8 Pipe	2	Hex Plugs		
D1468-8C	1/2 Tube 3/8 Pipe	2	D121-B	1/4 Pipe	3
90° Elbows			D121-C	3/8 Pipe	2
D1469-4A	1/4 Tube 1/8 Pipe	2	D121-D	1/2 Pipe	2
D1469-4B	1/4 Tube 1/4 Pipe	2	Hex Nipples		
D1469-6B	3/8 Tube 1/4 Pipe	2	D122-B	1/4 Pipe	3
D1469-6C	3/8 Tube 3/8 Pipe	2	D122-C	3/8 Pipe	2
D1469-8C	1/2 Tube 3/8 Pipe	2	D122-D	1/2 Pipe	2
D.O.T Air Brake Nuts			Sleeves		
D1461-8	1/2 Tube	3	D1460-4	1/4 Tube	3
D1461-10	5/8 Tube	2	D1460-6	3/8 Tube	3
Inserts			D1460-8	1/2 Tube	3
D1481-4	1/4 Tube	3	D1460-10	5/8 Tube	2
D1481-6	3/8 Tube	3	D.O.T. A.B. Nut		
D1481-8	1/2 Tube	3	D1461-4	1/4 Tube	3
D1481-10	1/2 Tube	3	D1461-6	3/8 Tube	3
90° Street Elbow			Thread Sealant		
D115-B	1/4 Pipe	2	-	1/2 Wide x 480° Long	2 Rolls
D115-C	3/8 Pipe	2	Contains 93 pcs 2 Rolls, 42 sizes		

paulin PLASTIC ASSORTMENT KIT

021-605* **WOOD SCREW ORGANIZER**

- 530 / PK
- #6-10
- Sealed cover molded with the base to prevent part migration
- Temperature resistant nylon
- Two-part handle to prevent accidental opening
- Coin-bottom compartments for easy access
- Product Identification chart available inside the case



*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

— Restock not available. Contact your sales representative.

paulin® NEW Needa? BODY RETAINER KITS

Each **NEW** Needa Body Retainer Kit has an assortment of popular fasteners to replace lost or damaged auto body retainers. Used for fitting trim panel clips, door trim clips, door panel clips, bumper clips, fender clips, grille, engine cover and splash shield retainers. The installation is simple and quick. Find a similar retainer that will fit the hole in the body and insert the retainer or attach it to your trim. Retainers are made of high-quality plastic and will not break or crack for long-term performance. Fasteners are stored in a durable plastic tray with a locking lid for easy organization and storage in one place.

9971230C



HYUNDAI/KIA BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push-Type		
247-694	13 x 10 x 8.5 mm (21/64")	10	247-700	15 x 10 x 6.5 mm (1/4")	10
247-690	13 x 13 x 9 mm (23/64")	10	Retainer		
247-091	13 x 10 x 9 mm (23/64")	10	247-696	26 x 14 x 8 mm (5/16")	10
247-698	(11 x 15.5) x 12 x 9 mm (23/64")	10	Truss Washer Phillips Screw		
247-695	(10 x 12) x 10 x 12 mm (15/32")	10	247-699	16 x 18 x 6.5-1.81 mm	10
247-697	(10 x 12) x 10 x 14 mm (9/16")	10	Contains 120 pcs, 12 sizes		
Screw-Types					
247-691	18 x 12 x 7 mm (9/32")	10			
247-692	18 x 12 x 8 mm (5/16")	10			
247-693	13 x 10 x 8.5 mm (21/64")	10			

999174C

GM BODY RETAINER KIT (Truck and SUV)					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push Types		
247-151/ 910-0885	(6.5 x 16.5) x 10.5 x 5 mm (13/64")	10	247-457/ 910-0765	20 x 24 x 8.5 mm (21/64")	10
247-702	22 x 27 x 7 mm (9/32")	10	247-423/ 910-0610	19 x 14 x 8.3 mm (21/64")	10
Screw-Types			247-510/ 910-0620	20 x 22 x 8.5 mm (21/64")	10
247-446/ 910-0681	11/16 x 11/16 x 1/4" (6.3 mm)	10	247-511/ 910-0615	18 x 20 x 9.5 mm (3/8")	10
247-706	17 x 22.8 x 65 mm (1/4")	10	247-458/ 910-0651	25 x 20 x 10.5 mm (13/32")	10
247-705	19/32 x 13/16 x 5/16" (8 mm)	10	247-703	25 x 15 x 12.5 mm (1/2")	10
Push Types			247-407/ 910-0800	11/16 x 9/16 x 1/4" (6.3 mm)	10
247-417/ 910-0605	17 x 16 x 6 mm (15/64")	10	247-466/ 910-0550	11/16 x 7/8 x 1/4" (6.3 mm)	10
247-874/ 910-0625	18 x 17.5 x 6.5 mm (1/4")	10	247-704	19/32 x 3/4 x 1/4" (6.3 mm)	10
247-452/ 910-0611	18 x 20 x 6.5 mm (1/4")	10	247-401/ 910-0805	1 x 3/4 x 1/2" (12.7 mm)	10
247-413/ 910-0585	20 x 20 x 8 mm (5/16")	10	Retainers		
247-473/ 910-0590	15 x 20 x 8 mm (5/16")	10	247-212/ 910-0305	19/32 x 3/4 x 13/64 (5 mm)	10
247-508	20 x 26 8 mm (5/16")	10	247-098	3/4 x 31/32 x 5/16" (8 mm)	10
247-457/ 910-0765	20 x 24 x 8.5 mm (21/64")	10	247-243/ 910-0285	3/4 x 1-7/16 x 5/16" (8 mm)	10
Contains 240 pcs, 24 sizes					



Display and contents not exactly as shown.

paulin® NEW Needa? BODY RETAINER KITS

999175C



GM BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Screw-Types		
247-097/ 910-0445	17 x 21 x 6.3 mm (1/4")	10	247-397/ 910-0683	27/32 x 1 x 13/32" (10.3 mm)	10
247-100/ 910-0420	20 x 18 x 7 mm (9/32")	10	Push-Types		
247-080/ 910-0400	17.6 x 14.8 x 7 mm (9/32")	10	247-404/ 910-0560	11/16 x 29/32 x 9/32" (7 mm)	10
247-110/ 910-0410	20 x 24 x 7 mm (9/32")	10	Retainers		
247-448/ 910-0315	25 x 20 x 7 mm (9/32")	10	247-241	30 x 12.5 x 6.3 mm (1/4")	10
247-062/ 910-0440	12.7 x 19 x 8 mm (5/16")	10	247-448/ 910-0315	25 x 20 x 7 mm (9/32")	10
247-085/ 910-0340	29/32 x 29/32 x 1/4 (6.3 mm)	10	247-682	1 x 1-7/16 x 1/4 (6.3 mm)	10
247-024/ 910-0265	1 x 27/32 x 9/32" (7 mm)	10	247-215/ 910-0215	11/16 x 21/32 x 1/4" (6.3 mm)	10
247-055/ 910-0435	1/2 x 21/32 x 5/16" (8 mm)	10	247-211/ 910-0225	23/32 x 13/16 x 1/4" (6.3 mm)	10
247-052	1/2 x 1 x 5/16 (8 mm)	10	247-683	(22 x 22) x 11 mm x Universal	10
247-050/ 910-0415	9/16 x 11/16 x 11/32 (8.7 mm)	10	247-024/ 910-0265	1 x 27/32 x 9/32" (7 mm)	10
Contains 180 pcs, 18 sizes					

999176C

FORD BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push-Types		
247-149/ 910-0935	Short Leg Type - Trim Panel	10	247-466/ 910-0550	11/16 x 7/8 x 1/4" (6.3 mm)	10
247-106	20 x 16 x 8.5 mm (21/64")	10	Retainers		
247-055/ 910-0435	1/2 x 21/32 x 5/16" (8 mm)	10	247-687	22 x 35 x 6.3 mm (1/4")	10
247-052	1/2 x 1 x 5/16" (8 mm)	10	247-448/ 910-0315	25 x 20 x 7 mm (9/32")	10
247-689	1/2 x 3/4 x 5/16" (8 mm)	10	247-214/ 910-0350	16 x 19.5 x 9 mm (23/64")	10
Screw-Types			247-222/ 910-0310	22 x 30 x 10 mm (25/64")	10
247-418	16 x 18 x 6 mm (15/64")	10	247-221/ 910-0355	21/32 x 1-1/16 x 1/4 (6.3 mm)	10
247-433	12.7 x 30.5 x 7 mm (9/32")	10	247-211/ 910-0225	23/32 x 13/16 x 1/4" (6.3 mm)	10
247-396/ 910-0682	19/32 x 29/32 x 1/4" (6.3 mm)	10	247-688	11/16 x 1-7/8 x 1/4" (6.3 mm)	10
247-446/ 910-0681	11/16 x 11/16 x 1/4" (6.3 mm)	10	247-025/ 910-0230	15/16 x 3/4 x 9/32" (7 mm)	10
247-429/ 910-0636	1 x 7/8 x 1/4" (6.3 mm)	10	247-024/ 910-0265	1 x 27/32 x 9/32" (7 mm)	10
Push-Types			247-219	1 x 5/8 x 5/16" (8 mm)	10
247-413/ 910-0585	20 x 20 x 8 mm (5/16")	10	Contains 235 pcs, 24 sizes		
247-416	34 x 20.5 x 8 mm (5/16")	5			
247-508	20 x 26 x 8 mm (5/16")	10			



Display and contents not exactly as shown.

paulin NEW Needa? BODY RETAINER KITS

999177C



CHRYSLER BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push-Types		
247-151/ 910-0885	(6.5 x 16.5) x 10.5 x 5 mm (3/16")	10	247-407/ 910-0800	11/16 x 9/16 x 1/4" (6.3 mm)	10
247-686	12.5 x 19 x 7 mm (17/64")	10	247-466 / 910-0550	11/16 x 29/32 x 1/4" (6.4 mm)	10
247-104/ 910-0485	15 x 14 x 9.5 mm (3/8")	10	247-467/ 910-0635	1 x 29/32 x 5/16" (8 mm)	10
Screw-Types			Retainers		
247-493/ 910-0675	15 x 12 x 7 mm (17/64")	10	247-685	10 x 11.5 x 5 mm (3/16")	10
247-490/ 910-0695	20 x 9 x 8 mm (5/16")	10	247-078/ 910-0515	10 x 10 x 6 mm (15/64")	10
247-494/ 910-0705	20 x 18 x 8 mm (5/16")	10	247-237	25.5 x 20 x 6.3 mm (1/4")	10
247-396/ 910-0682	5/8 x 29/32 x 1/4" (6.3 mm)	10	247-214/ 910-0350	16 x 19.5 x 9 mm (23/64")	10
247-433	19/32 x 13/16 x 5/16" (8 mm)	10	247-211/ 910-0225	23/32 x 13/16 x 1/4" (6.3 mm)	10
Push-Types			247-235/ 910-0245	3/4 x 1/2 x 1/4" (6.3 mm)	10
247-417/ 910-065	17 x 16 x 6 mm (15/64")	10	247-238/ 910-0510	1-5/16 x 13/16 x 1/4" (6.4 mm)	10
247-874/ 910-0625	18 x 17.5 x 6.5 mm (17/64")	10	247-684	3/4 x 13/16 x 9/32" (7 mm)	10
247-400/ 910-0645	18x23x8 mm (5/16")	10	247-098	3/4 x 31/32 x 5/16" (8 mm)	10
			Screw Grommet		
			247-851	16 x 17 x (8 x 8 mm) (5/16 x 5/16")	10
Contains 240 pcs, 24 sizes					

999178C

MAZDA BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Screw-Types			Retainers		
247-493/ 910-0675	15 x 12 x 7 mm (9/32")	10	247-067/ 910-0880	12 x 9 x 6 mm (15/64")	10
247-495/ 910-0715	18 x 21 x 8 mm (5/16")	10	Screw Grommet		
247-490/ 910-0695	20 x 9 x 8 mm (5/16")	10	247-851	16 x 17 x (8 x 8) mm	10
247-494/ 910-0705	20 x 18 x 8 mm (5/16")	10	Contains 100 pcs, 10 sizes		
Push-Types					
247-889	20 x 13 x 8 mm (5/16")	10			
247-701	18 x 22 x 9 mm (23/64")	10			
247-482/ 910-0845	20 x 13 x 10 mm (25/64")	10			
247-500	20 x 13 x 10 mm (25/64")	10			



Display and contents not exactly as shown.

paulin® NEW Needa? BODY RETAINER KITS

999179C



HONDA BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push-Types		
247-557	5 x 15 x 8.5 x 6 mm (15/64")	10	247-486/ 910-0840	20 x 10 x 8 mm (5/16")	10
247-676	12.6 x 14 x 9 mm (23/64)	10			
Screw-Types			247-474	18 x 12 x 9 mm (23/64")	10
247-495/ 910-0715	18 x 21 x 8 mm (5/16")	10	247-477	20 x 18 x 10 mm (25/64")	10
247-490/ 910-0695	20 x 9 x 8 mm (5/16")	10	Retainer		
247-496/ 910-0720	20 x 27 x 10 mm (25/64")	10	247-677	11 x 8 x 5 mm (13/64")	10
Push-Types			Contains 120 pcs, 12 sizes		
247-483/ 910-0850	20 x 11 x 8 mm (5/16")	10			
247-889	20 x 13 x 8 mm (5/16")	10			
247-559/ 910-0855	18 x 15 x 8 mm (5/16")	10			

999182C

NISSAN BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push-Types		
247-671	18 x 14 x 8 mm (5/16")	10	247-228	20 x 10 x 7 mm (17/64")	10
247-674	13 x 13 x 9 mm (23/64")	10	247-453	18 x 15 x 10 mm (25/64")	10
247-673	13 x 14 x 10 mm (25/64")	10	Retainers		
Screw-Types			247-880	13 x 15 x 5 mm (13/64")	10
247-490/ 910-0695	20 x 9 x 8 mm (5/16")	10	247-672	20 x 7 x 7 mm (17/64")	10
247-494/ 910-0705	20 x 18 x 8 mm (5/16")	10	247-675	20 x 7 x 7 mm (9/32")	10
			Contains 100 pcs, 10 sizes		



999183C



TOYOTA BODY RETAINER KIT					
Part #	Size	Qty	Part #	Size	Qty
Trim Panels			Push-Types		
247-602	13 x 13 x 9 mm (23/64")	10	247-228	20 x 10 x 7 mm (17/64")	10
247-678	13 x 13 x 9.5 mm (3/8)	10	247-515	20 x 8 x 7 mm (9/32")	10
247-680	13 x 14 x 9.50 mm (3/8")	10	247-226	20 x 10 x 7 mm (9/32")	10
247-679	13 x 14 x 10 mm (25/64")	10	247-503	18 x 7.5 x 7 mm (9/32")	10
Screw-Types			247-454	18 x 28 x 9 mm (23/64")	10
247-493/ 910-0675	15 x 12 x 7 mm (9/32")	10	Retainer		
247-681	16 x 9 x 7 mm (9/32")	10	247-880	13 x 15 x 5 mm (13/64")	10
			Contains 100 pcs, 10 sizes		

Display and contents not exactly as shown.

paulin **Needa?** ASSORTMENTS

Contains 110 Cotter Pins in 7 sizes.



020-430

NEEDA?™ COTTER PINS		
Description	Size	Qty
Cotter Pins	1/16 x 1	20
	3/32 x 3/4	17
	3/32 x 1-1/2	17
	7/64 x 1	17
	1/8 x 1-1/2	10
	1/8 x 2	21
	5/32 x 1-1/2	8
Contains 110 pcs, 7 sizes		

Contains 38 pieces in 7 sizes.

020-432

NEEDA?™ CLAMPS		
Description	Size	Qty
Fuel Injection Hose Clamps	7/16 - 9/16	5
Miniature Hose Clamps	6.5 x 6.5 x 0.5	5
Corbin Clamps	9/16	5
	3/8	6
	1/2	6
	5/8	5
Hose Clamps	17/32 - 5/8	6
Contains 38 pcs, 7 sizes		



Contains 177 Metric O-Rings in 8 sizes ranging from 5mm to 14mm O.D.

020-433



NEEDA?™ METRIC O-RINGS		
Description	Size	Qty
O-Rings	5 x 9 x 2	25
	6 x 10 x 2	25
	7 x 11 x 2	25
	8 x 12 x 2	25
	10 x 14 x 2	20
	10 x 15 x 2.5	20
	12 x 17 x 2.5	25
	14 x 19 x 2.5	12
Contains 177 pcs, 8 sizes		

Display and contents not exactly as shown.

paulin® Needa? ASSORTMENTS

Contains 150 O-Rings in 8 standard sizes ranging from 1/4" to 5/8" O.D.



020-434

NEEDA?™ STANDARD O-RINGS		
Description	Size	Qty
O-Rings	1/4 x 3/8 x 1/16	32
	5/16 x 7/16 x 1/16	22
	5/16 x 1/2 x 3/32	20
	3/8 x 9/16 x 3/32	20
	7/16 x 5/8 x 3/32	22
	1/2 x 11/16 x 3/32	12
	9/16 x 3/4 x 3/32	12
	5/8 x 13/16 x 3/32	10
Contains 150 pcs, 8 sizes		

Contains 80 pieces in 16 sizes.

020-435

NEEDA?™ RIVET ASSORTMENT		
Description	Size	Qty
Aluminum Dome Blind Rivets	1/8 (.063-.125)	7
	1/8 (.313-.375)	7
	5/32 (.251-.375)	5
	3/16 (.126-.250)	5
	3/16 (.251-.375)	5
	3/16 (.376-.500)	5
Aluminum Large Flange Blind Rivets	1/8 (.188-.250)	6
	3/16 (.251-.375)	3
Steel Dome Blind Rivets	1/8 (.063-.125)	6
	1/8 (.126-.187)	6
	1/8 (.188-.250)	6
	1/8 (.251-.312)	5
	3/16 (.126-.250)	5
	3/16 (.251-.375)	5
Nylon Rivets	3/16 (.125-.250)	3
	1/4 (.156-.375)	1
Contains 80 pcs, 16 sizes		



Display and contents not exactly as shown.

paulin® Needa? ASSORTMENTS

Contains 102 pieces 54 types and sizes.

020-437



NEEDA?™ MAINTENANCE HARDWARE					
Description	Size	Qty	Description	Size	Qty
E Clip	M2	3	Push Nuts	2.9 x 9.5 x 0.3	2
	M2.5	3		4.3 x 11 x 0.3	2
	M4	3		6.2 x 13.4 x 0.3	2
	M7	3		8.9 x 19 x 0.5	2
	M8	3		12 x 25.4 x 0.8	2
	M9	3			
Speed Nuts	10.2 x 16.3 x 3.3	2	Roll Pins	1/16 x 3/4	1
	11 x 21.8 x 4.3	1		1/16 x 1-3/4	2
	13 x 14 x 3.8	1		3/32 x 1/2	1
	14 x 20 x 4	1		3/32 x 1	2
	14 x 20.5 x 4.5	2		1/8 x 3/4	1
	15 x 16 x 6	1		5/32 x 1	2
	16.5 x 21 x 5.7	1		3/16 x 1/2	1
	16.5 x 21 x 5	1		3/16 x 1	1
Snap Rings	M6	1	Hair Pins	7/32 x 1	1
	M9	1		0.7 x 15	2
	M10	2		0.8 x 13	2
	M10	2		1.0 x 25	2
	M12	2		1.2 x 32	2
	M13	2		1.6 x 19	2
	M14	2		1.6 x 33	2
	M14	1		1.8 x 28	2
	M16	1		2.0 x 30.5	2
	M20	2		2.3 x 43	2
	M20	2	Cotter Pins	1.6 x 12	3
	M28.5	1		1.6 x 25	3
		2.5 x 25		3	
			Cotter Pins	3.2 x 38	4
				3.2 x 50	3
				Contains 102 pcs, 54 sizes	

Display and contents not exactly as shown.

paulin® Needa? ASSORTMENTS

Contains 378 pieces in 31 sizes ranging from 1/4" to 5/8". Packed in a convenient and easy to carry case.

020-470



NEEDA?™ GRADE 5 USS FASTENERS					
Description	Size	Qty	Description	Size	Qty
Hex Head Cap Screws	1/4-20 x 3/4	20	Lock Washers	1/4	16
	1/4-20 x 1	16		5/16	20
	5/16-18 x 3/4	12		3/8	12
	5/16-18 x 1	12		7/16	20
	5/16-18 x 2	10		9/16	6
	3/8-16 x 1	6		5/8	8
	3/8-16 x 1-1/4	6	Flat Washers	1/4	24
	3/8-16 x 1-1/2	10		5/16	20
	3/8-16 x 2	12		3/8	20
	3/8-16 x 2-1/2	8		7/16	16
	3/8-16 x 3	8		1/2	8
	7/16-14 x 1	6		9/16	6
Hex Nuts	1/4-20	24	Contains 378 pcs, 31 sizes		
	5/16-18	12			
	3/8-16	16			
	7/16-14	10			
	1/2-13	6			
	9/16-12	4			
	5/8-11	4			

Contains 526 pieces in 32 sizes ranging from M4 to M10. Packed in a convenient and easy to carry case.

020-471

NEEDA?™ CLASS 8.8 METRIC FASTENERS					
Description	Size	Qty	Description	Size	Qty
Hex Head Cap Screws	M4-0.7 x 20mm	20	Lock Washers	M4	20
	M5-0.8 x 25mm	20		M5	20
	M6-1.0 x 10mm	20		M6	20
	M6-1.0 x 12mm	20		M7	20
	M6-1.0 x 16mm	20		M8	20
	M6-1.0 x 20mm	20		M10	20
	M6-1.0 x 25mm	14	Flat Washers	M4	20
	M6-1.0 x 30mm	14		M5	20
	M7-1.0 x 20mm	12		M6	24
	M8-1.25 x 20mm	8		M7	20
	M8-1.25 x 25mm	6		M8	12
	M8-1.25 x 30mm	6		M10	8
	M8-1.25 x 40mm	16	Contains 526 pcs, 32 sizes		
	M10-1.50 x 30mm	6			
Hex Nuts	M4-0.7	20			
	M5-0.8	20			
	M6-1.0	24			
	M7-1.0	16			
	M8-1.25	12			
	M10-1.50	8			



Display and contents not exactly as shown.

paulin BOLT BIN ASSORTMENTS

These assortments include a set of bolt bin stock labels with space for inventory control or price tags. You can also purchase 'Papco®' bolt bins empty and make up your own custom assortments. As your requirements grow, you can add more bolt bins to store other fasteners and supplies.

022-021

PLATED GRADE 5 CAP SCREWS AND NUTS



72 Popular Sizes - Over 4,740 Pieces.

UNC Cap Screws		
Part #	Size	Qty
075-307	1/4 x 3/4	100
075-309	1/4 x 1	100
075-313	1/4 x 1-1/2	100
075-442	5/16 x 3/4	100
075-444	5/16 x 1	100
075-448	5/16 x 1-1/2	100
075-489	3/8 x 1	100
075-493	3/8 x 1-1/2	100
075-496	3/8 x 2	100
075-498	3/8 x 2-1/2	100
075-500	3/8 x 3	100
075-538	7/16 x 1-1/2	50
075-541	7/16 x 2	50
075-545	7/16 x 3	50
075-579	1/2 x 1	50
075-583	1/2 x 1-1/2	50
075-586	1/2 x 2	50
075-588	1/2 x 2-1/2	50
075-590	1/2 x 3	50
075-594	1/2 x 4	50
075-630	9/16 x 2	25
075-675	5/8 x 2	25
075-677	5/8 x 2-1/2	25
075-679	5/8 x 3	25
075-683	5/8 x 4	25
075-685	5/8 x 5	25

UNC Cap Screws		
Part #	Size	Qty
075-719	3/4 x 2-1/2	20
075-722	3/4 x 3-1/4	20
075-725	3/4 x 4	20
075-727	3/4 x 5	20
075-730	3/4 x 6	20
075-764	7/8 x 2-1/2	20
075-766	7/8 x 3	20
075-770	7/8 x 4	20
075-807	1 x 3	20
075-811	1 x 4	10
UNF Cap Screws		
Part #	Size	Qty
076-309	1/4 x 1	100
076-313	1/4 x 1-1/2	100
076-444	5/16 x 1	100
076-448	5/16 x 1-1/2	100
076-451	5/16 x 2	100
076-489	3/8 x 1	100
076-496	3/8 x 2	100
076-538*	7/16 x 1-1/2	50
076-586	1/2 x 2	50
076-590*	1/2 x 3	50
076-594*	1/2 x 4	50
076-630*	9/16 x 2	25
076-675*	5/8 x 2	25
076-679	5/8 x 3	25
076-683*	5/8 x 4	25
076-725	3/4 x 4	20

UNC Hex Nuts		
Part #	Size	Qty
087-014	1/4-20	300
087-016	5/16-18	200
087-018	3/8-16	200
087-020	7/16-14	50
087-022	1/2-13	50
087-023	9/16-12	25
087-024	5/8-11	25
087-026	3/4-10	20
087-028	7/8-9	20
087-030	1-8	20

UNF Hex Nuts		
Part #	Size	Qty
088-014	1/4-28	200
088-016	5/16-24	200
088-018	3/8-24	200
088-020	7/16-20	100
088-022	1/2-20	50
088-023*	9/16-18	25
087-024	5/8-18	25
087-026	3/4-16	20



022-021

Size: 36" W x 42" H x 12" D
Doors and Base are optional extras

022-022

GRADE 5 UNC/UNF CAP SCREWS AND NUTS – ZINC PLATED

40 Popular Sizes - Over 4,000 Pieces.



UNC Cap Screws		
Part #	Size	Qty
075-307	1/4 x 3/4	100
075-309	1/4 x 1	100
075-313	1/4 x 1-1/2	100
075-442	5/16 x 3/4	100
075-444	5/16 x 1	100
075-448	5/16 x 1-1/2	100
075-489	3/8 x 1	200
075-493	3/8 x 1-1/2	200
075-496	3/8 x 2	200
075-538	7/16 x 1-1/2	100
075-583	1/2 x 1-1/2	100
075-586	1/2 x 2	100
075-588	1/2 x 2-1/2	100
075-627	9/16 x 1-1/2	25
075-630	9/16 x 2	25

UNC Cap Screws		
Part #	Size	Qty
075-675	5/8 x 2	25
075-679	5/8 x 3	25
UNF Cap Screws		
Part #	Size	Qty
076-309	1/4 x 1	100
076-313	1/4 x 1-1/2	100
076-442	5/16 x 3/4	100
076-444	5/16 x 1	200
076-448	5/16 x 1-1/2	100
076-489	3/8 x 1	100
076-493	3/8 x 1-1/2	100
076-496	3/8 x 2	100
076-538*	7/16 x 1-1/2	100
076-586	1/2 x 2	50
076-588*	1/2 x 2-1/2	50

UNC Hex Nuts		
Part #	Size	Qty
087-014	1/4-20	200
087-016	5/16-18	100
087-018	3/8-16	100
087-020	7/16-14	100
087-022	1/2-13	100
087-023	9/16-12	50
087-024	5/8-11	25

UNF Hex Nuts		
Part #	Size	Qty
088-014	1/4-28	200
088-016	5/16-24	100
088-018	3/8-24	100
088-020	7/16-20	100
088-022	1/2-20	100



022-022

Size: 36" W x 24" H x 12" D
Doors and base are optional extras

Display and contents not exactly as shown.

022KIT-01



**GRADE 5 UNC PLATED
FARM PACK ASSORTMENT**

Size	Qty	Size	Qty	Size	Qty	Size	Qty
1/4 x 1/2	25	5/16 x 2-1/2	25	1/2 x 1	10	5/8 x 2-1/2	10
1/4 x 1	25	3/8 x 3/4	25	1/2 x 1-1/2	10	5/8 x 3	10
1/4 x 1-1/2	25	3/8 x 1	25	1/2 x 2	10	5/8 x 4	10
1/4 x 2	25	3/8 x 1-1/2	25	1/2 x 2-1/2	10	3/4 x 1-1/2	5
5/16 x 3/4	25	3/8 x 2	25	1/2 x 3	10	3/4 x 2	5
5/16 x 1	25	3/8 x 2-1/2	25	1/2 x 4	10	3/4 x 2-1/2	5
5/16 x 1-1/2	25	3/8 x 3	25	5/8 x 1-1/2	10	3/8 x 3	5
5/16 x 2	25	3/8 x 4	25	5/8 x 2	10	3/8 x 4	5

Size	Qty	Nuts	Qty	Lockwashers	Qty	Flat Washers
1/4	200		200		200	
5/16	200		200		200	
3/8	200		200		200	
1/2	50		50		50	
5/8	25		25		25	
3/4	20		20		20	

022KIT-08



**GRADE 8 UNC PLATED BOLT & NUT
ASSORTMENT – YELLOW ZINC PLATED**



022KIT-01
Contains 2,620 pcs.
42" H x 36" W x 12" D
Base not included

PRODUCT REFILL ASSORTMENTS

- Includes stock & labels
- Bins not included

022KIT-01R

022KIT-08R

Display and contents not exactly as shown.

paulin MERCHANDISER ASSORTMENT - METRIC



022KIT-02 assortment contains 3,315 pieces of our most popular 8.8 metric hex head cap screws, nuts and washers. All products are zinc plated. The assortment also includes a metal merchandiser 022-019 and labels to help identify your stock for easy reorder. The product assortment and labels are available without a merchandiser, 022KIT-02R.

022KIT-02

8.8 HEX HEAD CAP SCREWS, NUTS, WASHERS ASSORTMENT		
Part #	Size	Qty
670-006	M6-1.00	200
608-267	M6-1.00 x 12	100
608-274	M6-1.00 x 25	100
608-277TFL	M6-1.00 x 35	25
608-280	M6-1.00 x 50	25
670-008	M8-1.25	300
608-316	M8-1.25 x 20	100
608-318	M8-1.25 x 25	100
608-321	M8-1.25 x 35	25
608-324	M8-1.25 x 50	100
608-326	M8-1.25 x 60	25
670-010	M10-1.50	200
608-366	M10-1.50 x 20	25
608-368	M10-1.50 x 25	50
608-371	M10-1.50 x 35	50
608-374	M10-1.50 x 50	25
608-376	M10-1.50 x 60	25
608-378	M10-1.50 x 70	25
608-382	M10-1.50 x 100	10
670-012	M12-1.75	50
608-412	M12-1.75 x 25	25
608-415	M12-1.75 x 35	25
608-418	M12-1.75 x 50	25
608-420	M12-1.75 x 60	25
608-422	M12-1.75 x 70	25
608-426	M12-1.75 x 100	10
670-016	M16-2.00	25
608-465	M16-2.00 x 35	10
608-468	M16-2.00 x 50	10
608-470	M16-2.00 x 60	10
608-472	M16-2.00 x 70	10
608-476	M16-2.00 x 100	10
670-020	M20-2.50	20
608-520	M20-2.50 x 40	5
608-522	M20-2.50 x 50	5
608-524	M20-2.50 x 60	5
608-526	M20-2.50 x 70	5
608-530	M20-2.50 x 100	5

FLAT WASHERS, 200HV		
Part #	Size	Qty
730-006	6 mm	200
730-008	8 mm	200
730-010	10 mm	200
730-012	12 mm	100
730-016	16 mm	25
730-020	20 mm	25

LOCK WASHERS, 392-490HV		
Part #	Size	Qty
740-006	6 mm	200
740-008	8 mm	200
740-010	10 mm	200
740-012	12 mm	100
740-016	16 mm	25
740-020	20 mm	25
Contains 3,315 pcs, 50 sizes		

Bin included



PRODUCT & LABEL REFILL ONLY

022KIT-02R

Bin Not Included
Stickers Included



72 Compartments

Display and contents not exactly as shown.

paulin[®] MERCHANDISER ASSORTMENT - METRIC



022KIT-03 assortment contains 3,315 pieces of our most popular 10.9 metric hex head cap screws, nuts and washers. All products are zinc plated. The assortment also includes a metal merchandiser 022-019 and labels to identify your stock for easy reorder. The product assortment and labels are available without a merchandiser, 022KIT-03R.

022KIT-03

10.9 HEX HEAD CAP SCREWS, NUTS, WASHERS ASSORTMENT		
Part #	Size	Qty
672-006	M6-1.00	200
613-267	M6-1.00 x 12	100
613-274	M6-1.00 x 25	100
613-277	M6-1.00 x 35	25
613-280	M6-1.00 x 50	25
672-008	M8-1.25	300
613-316	M8-1.25 x 20	100
613-318	M8-1.25 x 25	100
613-321	M8-1.25 x 35	25
613-324	M8-1.25 x 50	100
613-326	M8-1.25 x 60	25
672-010	M10-1.50	200
613-366	M10-1.50 x 20	25
613-368	M10-1.50 x 25	50
613-371	M10-1.50 x 35	50
613-374	M10-1.50 x 50	25
613-376	M10-1.50 x 60	25
613-378	M10-1.50 x 70	25
613-382	M10-1.50 x 100	10
672-012	M12-1.75	50
613-412	M12-1.75 x 25	25
613-415	M12-1.75 x 35	25
613-418	M12-1.75 x 50	25
613-420	M12-1.75 x 60	25
613-422	M12-1.75 x 70	25
613-426	M12-1.75 x 100	10
672-016	M16-2.00	25
613-465	M16-2.00 x 35	10
613-468	M16-2.00 x 50	10
613-470	M16-2.00 x 60	10
613-472	M16-2.00 x 70	10
613-476	M16-2.00 x 100	10
672-020	M20-2.50	20
613-520	M20-2.50 x 40	5
613-522	M20-2.50 x 50	5
613-524	M20-2.50 x 60	5
613-526	M20-2.50 x 70	5
613-530	M20-2.50 x 100	5

FLAT WASHERS, 300HV

Part #	Size	Qty
730-406	6 mm	200
730-408	8 mm	200
730-410	10 mm	200
730-412	12 mm	100
730-416	16 mm	25
730-420	20 mm	25

LOCK WASHERS, 430-530HV

Part #	Size	Qty
740-406	6 mm	200
740-408	8 mm	200
740-410	10 mm	200
740-412	12 mm	100
740-416	16 mm	25
740-420	20 mm	25

Contains 3,315 pcs, 50 sizes

Bin included



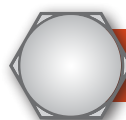
Base not included

PRODUCT & LABEL REFILL ONLY

022KIT-03R

Bin Not Included
Stickers Included

Display and contents not exactly as shown.



72 Compartments

papeo™ BULK COLOURED BIT MERCHANDISER

022-024

- The Pro-Tip® two piece square power bit has a heat treated S-2 alloy steel tip swagged into a steel body shank.
- The tip is formed under rigid dimensional control to ensure a "Cling Fit" with the screw.
- These bits offer the best combination of hardness and toughness to ensure longer tool life.



BULK COLOURED BIT MERCHANDISER

Part #	Description	Qty
B140-810	#0 x 1" SQ Yellow	50
B140-811	#1 x 1" SQ Green	50
B140-812	#2 x 1" SQ Red	50
B140-813	#3 x 1" SQ Black	50
B140-820	#0 x 2" SQ Yellow	25
B140-821	#1 x 2" SQ Green	25
B140-822	#2 x 2" SQ Red	25
B140-823	#3 x 2" SQ Black	25
B140-831	#1 x 3" SQ Green	20
B140-832	#2 x 3" SQ Red	20
B140-833	#3 x 3" SQ Black	20
B140-841	#1 x 4" SQ Green	20
B140-842	#2 x 4" SQ Red	20
B140-843	#3 x 4" SQ Black	20
B140-871	#1 x 6" SQ Green	20
B140-872	#2 x 6" SQ Red	20
B140-873	#3 x 6" SQ Black	20
B140-892	#2 x 12" SQ Red	10
222-383	Quick Change Chuck	10
222-372	Magnetic Sleeve	10
222-385	#2 PH Drywall Dimpler	20

Display and contents not exactly as shown.

Assortment of construction grade steel for automotive, industrial, farm, hardware and home. Cold rolled steel sheets, galvanized steel, aluminum sheets and expanded metal. Contains the right selection of flats, angles and sheets needed in daily repairs.

- Can be cut, bent, formed, drilled and welded as required
- Wide range of metal for general repairs
- Sturdy all-metal floor stand.
- Retail labelled.
- Contains 153 steel shapes plus 12 metal sheets
- Size: 24" W x 22-1/2" D x 31-3/4" H
- Empty metal market display rack (022-033)

022-032

METAL MARKET MERCHANDISER



Empty Metal Market
Display Rack No. 022-033

Part #	Description	Qty (pcs)
142-004	Steel Round Rod 1/4 x 36"	5
142-006	Steel Round Rod 5/16 x 36"	5
142-008	Steel Round Rod 3/8 x 36"	5
142-012	Steel Round Rod 1/2 x 36"	5
142-014	Steel Round Rod 5/8 x 36"	5
142-016	Steel Round Rods	3
142-040	Steel Flat 1/8 x 3/4 x 36"	3
142-042	Steel Flat 1/8 x 1 x 36"	3
142-044	Steel Flat 1/8 x 1-1/4 x 36"	3
142-046	Steel Flat 1/8 x 1-1/2 x 36"	3
142-060	Flat Steel	3
142-068	Flat Steel	3
142-100	Steel Angle	3
142-102	Steel Angle	3
142-104	Steel Angle	3
142-106	Steel Angle	3
142-126	Steel Angle	3
142-200	Slotted Steel Angle Galvanized 0.074 x 1-1/2 x 36	3
142-202	Slotted Steel Angle Galvanized	3
142-220	Slotted Steel Flats Galvanized 1-3/8 x 0.074 x 36	5
142-222	Slotted Steel Flats Galvanized 1-3/8 x 0.074 x 48	5
142-302	Steel Square Tube 3/4 x 0.065 x 36"	2
142-304	Steel Square Tube 1 x 0.065 x 36"	2
142-338	Aluminum Round Tube 3/4 x 36"	3
142-340	Aluminum Round Tubing	3
142-402	Steel Round Tube 3/4 x 0.065 x 36"	2
142-404	Round Steel Tubing	2
142-430	Aluminum Square Tube 3/4 x 36"	3
142-432	Aluminum Square Tube 1 x 36"	3
142-500	Steel Sheet Metal (26 GA) Galvanized	2
142-520	Steel Sheet 6 x 24" (22GA)	2
142-524	Steel Sheet Metal 24 Gauge	2
142-528	Steel Sheet Metal 24 Gauge	2
142-550	Aluminum Sheet Metal	2
142-560	Expanded Steel Sheet	1
142-570	Expanded Steel Sheet	1
142-640	Aluminum Flat 1/8 x 3/4 x 36"	3
142-642	Aluminum Flat 1/8 x 1 x 36"	3
142-646	Aluminum Flat 1/8 x 1-1/2 x 36"	3
142-648	Aluminum Flat 1/8 x 2 x 36"	3
142-660	Aluminum Flat 1/8 x 3/4 x 48"	3
142-662	Aluminum Flat 1/8 x 1 x 48"	3
142-700	Aluminum Angle 1/8 x 3/4 x 36"	3
142-702	Aluminum Angle 1/8 x 1 x 36"	3
142-706	Aluminum Angle 1/8 x 1-1/2 x 36"	3
142-708	Aluminum Angles	3
142-720	Aluminum Angles	3
142-778	Aluminum Angle 1/16 x 3/4 x 36"	6
142-780	Aluminum Angle 1/16 x 1 x 36"	3
142-790	Aluminum Angle 1/16 x 1/2 x 3/4 x 36"	3
142-808	Aluminum Round Rod 3/8 x 36"	3
142-812	Aluminum Round Rods	3
142-814	Aluminum Round Rods	2
142-846	Aluminum Round Rods	3

Display and contents not exactly as shown.

papco® HANDY-PAKS® MERCHANDISERS

HANDY-PAKS®

022-067

Contains 792 Handy-Paks®, rack and sign, 132 sizes of Cap Screws, Nuts, Washers, Cotter Pins, Stove Bolts, etc.

Uniform Priced Packages of Fast-Moving Hardware Items

- All Bright Plated Material
- No Broken Boxes
- Good for Regular Stock
- Ideal for Assortment Refills
- Best Value
- Fully Illustrated, Colour-Coded Labels

Papco® Handy-Paks are the most modern method of stocking fasteners. They contain the most popular sizes of Bolts, Nuts, Screws and Washers as well as the best sizes of replacement parts to give maximum coverage.



MERCHANDISER CONTENTS

ORDER BY STOCK NUMBER

Part #	Size	Qty.	Part #	Size	Qty.	Part #	Size	Qty.	Part #	Size	Qty.
UNF Grade 5 Cap Screws			UNC Grade 5 Cap Screws			UNC Hex Nuts			023-307	1/2	6
023-101	1/4 x 1/2	6	023-018	5/16 x 1	12	023-203	3/8	12	023-309	5/8	6
023-103	1/4 x 3/4	6	023-019	5/16 x 1-1/4	6	023-204	7/16	12	Cotter Pins		
023-105	1/4 x 1	6	023-020	5/16 x 1-1/2	12	023-205	1/2	6	023-703	1/16 x 1	6
023-107	1/4 x 1-1/2	6	023-022	5/16 x 2	6	023-207	5/8	6	023-705	1/16 x 1-1/2	6
023-109	1/4 x 2	6	023-029	3/8 x 3/4	6	Round Head Stove Bolts			023-709	3/32 x 1	6
023-116	5/16 x 3/4	6	023-031	3/8 x 1	12	023-502*	3/16 x 3/4	6	023-710	3/32 x 1-1/4	6
023-118	5/16 x 1	12	023-032	3/8 x 1-1/4	12	023-503	3/16 x 1	6	023-711	3/32 x 1-1/2	6
023-119	5/16 x 1-1/4	6	023-033	3/8 x 1-1/2	12	023-505	3/16 x 1-1/2	6	023-715	1/8 x 1	6
023-120	5/16 x 1-1/2	6	023-035	3/8 x 2	12	023-511	1/4 x 3/4	6	023-716	1/8 x 1-1/4	6
023-122	5/16 x 2	6	023-037	3/8 x 2-1/2	6	023-512	1/4 x 1	6	023-717	1/8 x 1-1/2	12
023-131	3/8 x 1	6	023-042	7/16 x 1	6	Lock Washers			023-718	1/8 x 2	12
023-132	3/8 x 1-1/4	6	023-043	7/16 x 1-1/4	6	023-342	3/16	6	023-722	5/32 x 1-1/2	6
023-133	3/8 x 1-1/2	6	023-044	7/16 x 1-1/2	6	023-343	1/4	6	023-723	5/32 x 2	6
023-135	3/8 x 2	6	023-046	7/16 x 2	6	023-344	5/16	12	Hex Machine Screw Nuts		
023-137	3/8 x 2-1/2	6	023-048	7/16 x 2-1/2	6	023-345	3/8	12	023-462*	10-32	6
023-144	7/16 x 1-1/2	6	023-053	1/2 x 1	6	023-346	7/16	6	Pan Head Sheet Metal Screws		
023-146	7/16 x 2	6	023-054	1/2 x 1-1/4	6	023-347	1/2	6	023-605	6 x 1/2	6
023-153	1/2 x 1	6	023-055	1/2 x 1-1/2	6	023-349	5/8	6	023-612	8 x 1/2	6
023-155	1/2 x 1-1/2	6	023-057	1/2 x 2	6	S.A.E. Washers			023-614	8 x 3/4	6
023-157	1/2 x 2	6	023-059	1/2 x 2-1/2	6	023-323	1/4	12	023-616	8 x 1	6
023-159	1/2 x 2-1/2	6	UNF Hex Nuts			023-324	5/16	12	023-618	10 x 1/2	6
UNC Grade 5 Cap Screws			023-221	1/4	12	023-325	3/8	12	023-619	10 x 3/4	6
023-001	1/4 x 1/2	6	023-222	5/16	12	023-326	7/16	6	023-621	10 x 1	6
023-003	1/4 x 3/4	12	023-223	3/8	12	023-327	1/2	6	023-628*	14 x 3/4	6
023-005	1/4 x 1	6	023-224	7/16	6	Plain Steel Washers			023-629*	14 x 1	6
023-006	1/4 x 1-1/4	6	023-225	1/2	6	023-302	3/16	6	Oval Head Sheet Metal Screws		
023-007	1/4 x 1-1/2	6	023-227	5/8	6	023-303	1/4	6	023-651*	10 x 1	6
023-009	1/4 x 2	6	UNC Hex Nuts			023-304	5/16	6	Hex Head Sheet Metal Screws		
023-014	5/16 x 1/2	6	023-201	1/4	12	023-305	3/8	6	023-673	14 x 3/4	6
023-016	5/16 x 3/4	12	023-202	5/16	12	023-306	7/16	6	023-677	5/16 x 1	6

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

paulin HANDY-PAKS® - METRIC

022-068

CAP SCREWS (ISO COARSE)			
Part #	Size	Pcs/Pk	Packs
024-002	M4 x 16	16	2
024-004	M4 x 25	11	2
024-012	M5 x 12	25	2
024-013	M5 x 16	19	2
024-014	M5 x 20	17	2
024-015	M5 x 25	16	2
024-023	M6 x 12	21	2
024-024	M6 x 16	18	4
024-025	M6 x 20	17	8
024-026	M6 x 25	15	8
024-027	M6 x 30	13	4
024-028	M6 x 35	10	4
024-029	M6 x 40	10	4
024-030	M6 x 45	9	2
024-031	M6 x 50	9	2
024-045	M8 x 12	9	2
024-046	M8 x 16	9	4
024-047	M8 x 20	9	8
024-048	M8 x 25	9	8
024-049	M8 x 30	8	4
024-050	M8 x 35	7	4
024-051	M8 x 40	6	4
024-052	M8 x 45	5	2
024-053	M8 x 50	5	4
024-055	M8 x 60	4	2
024-057	M8 x 70	3	2
024-060	M10 x 20	5	4
024-061	M10 x 25	4	8
024-062	M10 x 30	4	8
024-063	M10 x 35	4	4
024-064	M10 x 40	4	4
024-066	M10 x 50	3	4
024-068	M10 x 60	3	2
024-070	M10 x 70	3	2
024-075	M12 x 30	3	3
024-077	M12 x 40	3	3
024-079	M12 x 50	3	3
024-081	M12 x 60	2	2
024-083	M12 x 70	2	2

CAP SCREWS (EXTRA FINE)			
Part #	Size	Pcs/Pk	Packs
024-170	M10 x 20	4	2
024-171	M10 x 25	3	2
024-172	M10 x 30	3	2
024-174	M10 x 40	3	2
024-176	M10 x 50	3	2
024-184	M12 x 30	2	2

- Assortment contains 310 HANDY-PAKS®, 95 sizes of our most popular 8.8 Metric Cap Screws. Coarse, Fine and Extra Fine Thread. Cotter Pins and Machine Screws
- Includes metal merchandiser and signage

CAP SCREWS (EXTRA FINE)			
Part #	Size	Pcs/Pk	Packs
024-186	M12 x 40	2	2
024-188	M12 x 50	2	2

CAP SCREWS (FINE)			
Part #	Size	Pcs/Pk	Packs
024-120	M8 x 20	7	2
024-122	M8 x 30	7	2
024-124	M8 x 40	6	2
024-126	M8 x 50	5	2
024-130	M10 x 20	4	2
024-131	M10 x 25	3	2
024-132	M10 x 30	3	2
024-133	M10 x 35	4	2
024-134	M10 x 40	3	2
024-136	M10 x 50	3	2
024-138	M10 x 60	2	2
024-144	M12 x 30	3	2
024-146	M12 x 40	2	2
024-148	M12 x 50	2	2

HEX NUTS (FINE)			
Part #	Size	Pcs/Pk	Packs
024-258	M8 x 1.00	16	2
024-260	M10 x 1.25	12	2
024-262	M12 x 1.5	7	2

HEX NUTS (EXTRA FINE)			
Part #	Size	Pcs/Pk	Packs
024-270	M10 x 1.00	10	2
024-272	M12 x 1.25	7	2

HEX NUTS (ISO COARSE)			
Part #	Size	Pcs/Pk	Packs
024-204	M4	33	3
024-205	M5	33	3
024-206	M6	33	8
024-208	M8	18	8
024-210	M10	11	7
024-212	M12	6	3



MACHINE SCREWS			
Part #	Size	Pcs/Pk	Packs
024-430	M6 x 10	30	2
024-436	M6 x 16	80	2
024-440	M6 x 20	27	2

LOCK NUTS			
Part #	Size	Pcs/Pk	Packs
024-224	M4	10	2
024-226	M6	9	2
024-228	M8	6	2
024-230	M10	5	2

FLAT WASHERS			
Part #	Size	Pcs/Pk	Packs
024-304	4 mm	60	3
024-305	5 mm	56	3
024-306	6 mm	45	6
024-308	8 mm	18	6
024-310	10 mm	14	6
024-312	12 mm	12	3

LOCK WASHERS			
Part #	Size	Pcs/Pk	Packs
024-324	4 mm	80	3
024-325	5 mm	80	3
024-326	6 mm	60	6
024-328	8 mm	40	6
024-330	10 mm	32	6
024-332	12 mm	20	3

Display and contents not exactly as shown.

paulin HANDY-PAKS® - METRIC

CLASS 8.8 COARSE HEX HEAD CAP SCREWS

Part #	Size	Part #	Size	Part #	Size
024-002	M4 x 16*	024-031	M6 x 50	024-062	M10 x 30*
024-004	M4 x 25	024-045	M8 x 12*	024-063	M10 x 35*
024-012	M5 x 12*	024-046	M8 x 16*	024-064	M10 x 40
024-013	M5 x 16*	024-047	M8 x 20*	024-066	M10 x 50
024-014	M5 x 20*	024-048	M8 x 25*	024-068	M10 x 60
024-015	M5 x 25*	024-049	M8 x 30*	024-070	M10 x 70
024-023	M6 x 12*	024-050	M8 x 35	024-075	M12 x 30*
024-024	M6 x 16*	024-051	M8 x 40	024-077	M12 x 40*
024-025	M6 x 20*	024-052	M8 x 45	024-079	M12 x 50
024-026	M6 x 25*	024-053	M8 x 50	024-081	M12 x 60
024-027	M6 x 30	024-055	M8 x 60	024-083	M12 x 70
024-028	M6 x 35	024-057	M8 x 70	Thread Length: Formula is 2D + 6 mm. Items marked * are fully threaded.	
024-029	M6 x 40	024-060	M10 x 20*		
024-030	M6 x 45	024-061	M10 x 25*		

CLASS 8 COARSE HEX NUTS

Part #	Size	Part #	Size	Part #	Size
024-204	M4	024-206	M6	024-210	M10
024-205	M5	024-208	M8	024-212	M12

CLASS 8 FINE AND EXTRA FINE THREAD HEX NUTS

Part #	Size	Part #	Size
024-258	M8 x 1.0	024-270	M10 x 1.0
024-260	M10 x 1.25	024-272	M12 x 1.25
024-262	M12 x 1.5	-	-

LOCK WASHERS

Part #	Size	Part #	Size	Part #	Size
024-324	4 mm	024-326	6 mm	024-330	10 mm
024-325	5 mm	024-328	8 mm	024-332	12 mm

MACHINE SCREWS PAN PHILLIPS HEAD

Part #	Size	Part #	Size
024-398	M3-0.5 x 6	024-422	M5-0.8 x 20
024-399	M3-0.5 x 10	024-423	M5-0.8 x 25
024-400	M3-0.5 x 16	024-424	M5-0.8 x 30
024-401	M3-0.5 x 20	024-425	M5-0.8 x 35
024-402	M3-0.5 x 25	024-426	M5-0.8 x 16
024-406	M4-0.7 x 6	024-427	M5-0.8 x 40
024-407	M4-0.7 x 10	024-428	M5-0.8 x 50
024-410	M4-0.7 x 16	024-430	M6-1.0 x 10
024-411	M4-0.7 x 20	024-432	M6-1.0 x 12
024-412	M4-0.7 x 12	024-436	M6-1.0 x 16
024-413	M4-0.7 x 25	024-440	M6-1.0 x 20
024-414	M4-0.7 x 30	024-441	M6-1.0 x 25
024-415	M4-0.7 x 35	024-442	M6-1.0 x 30
024-416	M4-0.7 x 40	024-443	M6-1.0 x 35
024-417	M4-0.7 x 50	024-444	M6-1.0 x 40
024-418	M4-0.7 x 60	024-446	M6-1.0 x 50
024-419	M5-0.8 x 6	024-448	M8-1.25 x 12
024-420	M5-0.8 x 10	024-451	M8-1.25 x 30
024-421	M5-0.8 x 12	024-453	M8-1.25 x 40

MACHINE SCREWS PAN SLOT HEAD

Part #	Size	Part #	Size	Part #	Size
024-406	M4 x 6	024-420	M5 x 10	024-430	M6 x 10
024-412	M4 x 12	024-426	M5 x 16	024-436	M6 x 16
-	-	-	-	024-440	M6 x 20

CLASS 8.8 FINE THREAD HEX HEAD CAP SCREWS

Part #	Size	Part #	Size
024-120	M8 x 1.0 x 20*	024-133	M10 x 1.25 x 35*
024-122	M8 x 1.0 x 30*	024-134	M10 x 1.25 x 40*
024-124	M8 x 1.0 x 40*	024-136	M10 x 1.25 x 50*
024-126	M8 x 1.0 x 50*	024-138	M10 x 1.25 x 60
024-130	M10 x 1.25 x 20*	024-144	M12 x 1.5 x 30*
024-131	M10 x 1.25 x 25*	024-146	M12 x 1.5 x 40*
024-132	M10 x 1.25 x 30*	024-148	M12 x 1.5 x 50*

CLASS 8.8 EXTRA FINE THREAD HEX HEAD CAP SCREWS

Part #	Size	Part #	Size
024-170	M10 x 1.0 x 20*	024-176	M10 x 1.0 x 50*
024-171	M10 x 1.0 x 25*	024-184	M12 x 1.25 x 30*
024-172	M10 x 1.0 x 30*	024-186	M12 x 1.25 x 40*
024-174	M10 x 1.0 x 40*	024-188	M12 x 1.25 x 50*

NYLON COLLAR STOP NUTS 'POZI-LOK®' NUTS

Part #	Size	Part #	Size	Part #	Size
024-224	M4	024-226	M6	024-230	M10
024-225	M5	024-228	M8	-	-

FLAT WASHERS

Part #	Size	Part #	Size	Part #	Size
024-304	4 mm	024-306	6 mm	024-310	10 mm
024-305	5 mm	024-308	8 mm	024-312	12 mm

SPRING (WAVE TYPE) WASHERS (PLAIN FINISH)

Part #	Size	Part #	Size
024-344*	4 mm	024-348*	8 mm
024-346*	6 mm	024-350*	10 mm

COTTER PINS

Part #	Size	Part #	Size
024-704	M1.5 x 16	024-713	M3 x 40
024-707	M2.0 x 20	024-716	M4 x 50
024-710	M3 x 25	-	-

SLOTTED SPRING PINS (PLAIN FINISH)

Part #	Size	Part #	Size
024-734*	M2.0 x 16	024-752	M4 x 50
024-740*	M3.0 x 24	024-761	M6 x 22
024-743*	M3.0 x 40	024-764*	M6 x 50
024-746	M4 x 18	-	-

SOCKET SCREWS KEYS (PLAIN FINISH)

Part #	Size	Part #	Size	Part #	Size
024-904	M4 x 5	024-916	M6 x 8	024-926	M8 x 8
024-907	M4 x 10	024-919	M6 x 12	024-930	M8 x 12
024-910	M5 x 10	024-922	M6 x 20	024-934	M8 x 20
024-913*	M5 x 16	-	-	-	-

SOCKET SCREWS KEYS (PLAIN FINISH)

Part #	Size	Part #	Size	Part #	Size
024-980	1.5mm	024-983	3mm	024-986*	6mm
024-981	2.0mm	024-984	4mm	024-988*	8mm
024-982	2.5mm	024-985*	5mm	-	-

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

papco™ EMPTY CABINETS AND STORAGE

Papco® Stax-Six Cabinet holds six Master Assortments in its own rigid drawer slide. Made of heavy gauge steel with a baked-on enamel finish.

Size: 15-1/2" H x 11-3/4" D.

022-091 STAX-SIX CABINET (EMPTY)

- Heavy gauge steel construction
- Baked black enamel finish
- Rigid drawer slide
- No spill feature
- Holds six Master Assortments
- Build as you buy
- Designed for efficient stacking one on top of another side by side. (Not illustrated)



Assortments or
Assortment Drawers
NOT included.

022-092

Empty Master Assortment
box available!



Perfect for Dealers, Jobbers and large users. These popular assortments have a wide range of carefully selected items in balanced quantities.

022-093 STAX-FOUR CABINET (EMPTY)

- Easy Papco® Stax-Four Cabinet holds four Super-Service Assortments
- Welded steel construction
- Rigid drawer slide
- Baked black enamel finish
- Holds six Master Assortments
- No-spill safety feature
- Size: 20" W x 14-1/2" H x 15-3/4" D



Assortments or
Assortment Drawers
NOT included.

022-094

Empty Super-Service
Assortment box available!



Display and contents not exactly as shown.

paulin AUTOMOTIVE FASTENER MERCHANDISER

807
Clamshells

022-148



Signage, hooks & spinner included

Contents available
without spinner
022-148A

LIST OF CONTENTS AVAILABLE UPON REQUEST

Please contact your sales representative for details.

LIST OF CONTENTS

- **Metric 8.8**
 - Cap Screws Coarse, Fine & Extra Fine
- **Metric 8.0**
 - Nuts Coarse, Fine & Extra Fine
- **Metric 10.9**
 - Cap Screws Bare
 - Nuts Bare
- **Metric**
 - Flat Washers Plated
 - Lock Washers Plated
- **Licence Plate Hardware**
- **Metal Screw**
 - Drill-X® Hex Washer Head Metal Screw Plated
 - Indented Hex Washer Head Type A
- **JIS Metric Flange Bolt**
- **Metric/Imperial Studs**
- **Imperial**
 - Cap Screws Gr. 8
 - Nuts Gr. 8
 - Conelok® Nuts Gr. C
 - Papocolloy Flat Washers
 - Lock Washers
- **Stainless Steel 18.8**
 - Cap Screws
 - Nuts
 - Clevis Pins
 - Blind Rivets
 - Lock Washers
 - Flat Washers
 - Machine Screws
 - Wing Nuts
 - Finishing Washers
 - Tapping Screws
 - Back-up Plate
- **Rivets & Pins**
 - Blind Rivets
 - Cotter Pins
 - Universal Clevis Pins
- **Fluid Flow**
 - Grease Fittings
 - Push On Hose (End Mender)
 - Drain Cock
 - Flare Nut/Union Adapter
 - Garden Hose
 - Pipe Elbow
 - Pipe Tee
 - Pipe Coupling
 - Pipe Bushing
 - Pipe Nipple
 - Pipe Plug

Display and contents not exactly as shown.

953
Clamshells

022-158



Signage, hooks & spinner included

Contents available
without spinner
022-158A

PLEASE REFER TO CURRENT BODY SHOP FASTENERS CATALOGUE FOR CONTENT LISTING

Please contact your sales representative for details.

LIST OF CONTENTS

- **Plastic Plug Buttons**
- **'U' Nuts:** Nylon 'U' Nuts, Single Thread 'U' Nuts, Speed Nuts
- **Grommets:** Headlamp Bezels, Licence Plate Nuts, Grille Fasteners, Headlamp Door Nut
- **Windshield Mouldings:** Hog Ring, Glass Shop Fasteners
- **Bumper Bolts**
- **Washers & Shims:** Machine Screw Nuts, Fender Washers, Body Shims
- **Multi-Thread 'U' Nuts**
- **Plastic Retainers:** 'Push' Type, Trim Fasteners, Plastic Shield, Screw In, Weather Strip Fasteners, Cable Straps
- **Body Bolts:** Metal Screws, Clevis Pins, Licence Plate Bolts, Metric Flange Nuts
- **Self-Threading Palnuts**
- **Rivets:** Blind Rivets, Regulator Rivets, Plastic Rivets
- **Tubular Type Speed Clips**
- **Hinge Pins & Bushings**
- **Mounting Nuts:** 'Jack' Nuts, Blind Well Nuts
- **Moulding Fasteners**
- **Pushnuts Bolt Retainers**
- **Metal Screws:** Trim Screws

Display and contents not exactly as shown.

papeco[®] STEEL BRAKE LINE MERCHANDISERS

Papcoflex steel brake line floor merchandisers are available in 4 variations and may be linked together to form a master warehouse stock to cover almost every brake line requirement. Compact wire rack measures 9-1/2" w x 20-1/2" d x 28" h and includes colour-coded, permanent PVC storage tubes for dispensing lines. Each Papcoflex Brake Line is labelled showing part number, O.D. and length.



STEEL BRAKE LINE MERCHANDISER

022-285

Contains 3 each of 28 sizes of Papcoflex Brake Lines for a total of 84 lines. Rack and tubes included.

POLY-V COATED BRAKE LINES MERCHANDISER

022-585

Contains 3 each of 28 sizes of POLY-V Coated Steel Brake Lines for a total of 84 lines. Rack and tubes included.

ORDER BY STOCK NUMBER

S - STEEL

P - POLY-V

Overall Length	3/16 O.D.		1/4 O.D.		5/16 O.D.		3/8 O.D.	
	S	P	S	P	S	P	S	P
8"	S-308	PS-308	S-408	PS-408	S-508	PS-508	S-610	PS-608
12"	S-312	PS-312	S-412	PS-412	S-512	PS-512	S-612	PS-612
20"	S-320	PS-320	S-420	PS-420	S-520	PS-520	S-620	PS-620
30"	S-330	PS-330	S-430	PS-430	S-530	PS-530	S-630	PS-630
40"	S-340	PS-340	S-440	PS-440	S-540	PS-540	S-640	PS-640
51"	S-351	PS-351	S-451	PS-451	S-551	PS-551	S-651	PS-651
60"	S-360	PS-360	S-460	PS-460	S-560	PS-560	S-660	PS-660

METRIC BRAKE LINE MERCHANDISER

022-287

Contains 3 each of 21 sizes of Papcoflex Metric Brake Lines for a total of 63 lines. Rack and tubes included.

POLY-V COATED METRIC BRAKE LINES MERCHANDISER

022-586

Contains 3 each of 21 sizes of POLY-V Coated Metric Brake Lines for a total of 63 lines. Rack and tubes included.

ORDER BY STOCK NUMBER

S - STEEL

P - POLY-V

Overall Length	TYPE 'A' JAPANESE		TYPE 'B' BRITISH		TYPE 'C' EUROPEAN	
	S	P	S	P	S	P
8"	MA308	PMA-308	MB308	PMB-308	MC308	PMC-308
12"	MA312	PMA-312	MB312	PMB-312	MC312	PMC-312
20"	MA320	PMA-320	MB320	PMB-320	MC320	PMC-320
30"	MA330	PMA-330	MB330	PMB-330	MC330	PMC-330
40"	MA340	PMA-340	MB340	PMB-340	MC340	PMC-340
51"	MA351	PMA-351	MB351	PMB-351	MC351	PMC-350
60"	MA360	PMA-360	MB360	PMB-360	MC360	PMC-360

NOTE: PMA Series POLY-V Brake Lines are supplied with Long Nuts for compatibility with Toyota/GM brake line requirements.

022-284

Empty Wire Rack (with tubes and colour-coded labels to create your own mix of lines)

*Limited stock available. Subject to change without notification.

Display and contents not exactly as shown.

papco™ BRAKE / FUEL LINE REPAIR CENTER

022-550

THE EVOLUTION OF FUEL LINE REPAIR

Our 'No Tools Required' Fuel Line Repair system now enables the installer to utilize their most valuable tools: their hands.

A comprehensive application manual will be included with the Brake/Fuel Line Repair Center.



Features & Benefits



Innovative

'Posi-Hold' bead end design enables the installer to connect fittings by hand. No costly installation tools are required and the nylon tubing does not require pre-heating.

Connections

It meet or exceed the 200 p.s.i. rating of Nylon 12 tubing when used in conjunction with the appropriate size tubing and 360° seal clamps.

Replace

For the damaged sections, fabricate complete fuel lines, repair main feed, return and vent fuel lines in the time it takes to set up most installation tools.

POLY-V Coated Brake Lines

Included in the Brake/Fuel Line Repair Center, Papcoflex **POLY-V** coated brake lines feature a durable polyvinyl fluoride finish that resists corrosion and abrasions from road debris, offering up to 30 times the protection over our standard steel brake line.

To complement this premium brake line, all related brake line fittings, adaptors, unions, and bleeder screws will be offered in the Brake/Fuel line Repair Center providing one destination point for your customers. POP signage will also outline the correct size, thread type and the correct adaptors/unions for each brake line diameter.

882 Clamshells

Easily installs in 60" or 108" Gondola

61"

Signage & hooks included
Gondolas NOT included

48"



Please contact your sales representative for details.

Display and contents not exactly as shown.

papeco EMPTY BRAKE LINE RACKS

- For 3/16" and 1/4" Dia. Brake Lines

022-077MA**METRIC BRAKE AND FUEL LINE DOMESTIC/EUROPEAN****022-077MT****METRIC BRAKE AND FUEL LINE TOYOTA/GM****022-077AL****BRAKE LINE ADAPTOR LINES (STANDARD AND METRIC)****022-077****BRAKE LINE RACK (EMPTY)**

Display and contents not exactly as shown.

paulin[®] AUTO-TECH STARTER ASSORTMENTS

022-600 GRADE 5 BOLT ASSORTMENT - ZINC PLATED

- 2380 pieces
- Bin included
- 1/4" - 1/2" Dia.



022-602 GRADE 8.8 METRIC BOLT ASSORTMENT - ZINC PLATED

- 2150 pieces
- Bin included
- 5 mm - 12 mm Dia.



PRODUCT REFILL ASSORTMENTS

- Includes stock & labels
- Bins not included

022-600R

022-602R

Hex Head Cap Screws GR 5 UNC		
Part #	Size	Qty
075-307	1/4 x 3/4	100
075-309	1/4 x 1	100
075-311	1/4 x 1-1/4	100
075-313	1/4 x 1-1/2	50
075-316	1/4 x 2	50
075-442	5/16 x 3/4	100
075-444	5/16 x 1	100
075-446	5/16 x 1-1/4	100
075-448	5/16 x 1-1/2	50
075-451	5/16 x 2	50
075-487	3/8 x 3/4	50
075-489	3/8 x 1	50
075-493	3/8 x 1-1/2	50
075-496	3/8 x 2	50
075-498	3/8 x 2-1/2	50
075-534	7/16 x 1	25
075-538	7/16 x 1-1/2	25
075-541	7/16 x 2	10
075-543	7/16 x 2-1/2	10
075-545	7/16 x 3	10
075-583	1/2 x 1-1/2	10
075-586	1/2 x 2	10
075-588	1/2 x 2-1/2	10
075-590	1/2 x 3	10
075-594	1/2 x 4	10

8.8 Metric Hex Head Cap Screws		
Part #	Size	Qty
608-198	M5 x 12	50
608-201	M5 x 16	50
608-203	M5 x 20	50
608-205	M5 x 25	50
608-267	M6 x 12	50
608-270	M6 x 16	50
608-272	M6 x 20	50
608-274	M6 x 25	50
608-276	M6 x 30	50
608-314	M8 x 16	50
608-316	M8 x 20	50
608-318	M8 x 25	50
608-320	M8 x 30	50
608-322	M8 x 40	50
608-366	M10 x 20	25
608-368	M10 x 25	25
608-370	M10 x 30	25
608-372	M10 x 40	25
608-374	M10 x 50	25
608-412	M12 x 25	25
608-414	M12 x 30	25
608-415	M12 x 35	25
608-416	M12 x 40	25
608-418	M12 x 50	25

Finished Hex Nuts GR 5 UNC		
Part #	Size	Qty
087-014	1/4-20	100
087-016	5/16-18	100
087-018	3/8-16	100
087-020	7/16-14	50
087-022	1/2 - 13	50

B. S. S. A. E. Steel Washers		
Part #	Size	Qty
154-014	1/4	100
154-016	5/16	100
154-018	3/8	100
154-020	7/16	50
154-022	1/2	50

Spring Lock Washers		
Part #	Size	Qty
157-014	1/4	100
157-016	5/16	100
157-018	3/8	100
157-020	7/16	50
157-022	1/2	50

40 Compartment Bolt Bin w/Labels		
022-017	-	1

8 Metric Hex Nuts (Coarse)		
Part #	Size	Qty
670-005	M5-0.80	100
670-006	M6-1.00	100
670-008	M8-1.25	100
670-010	M10-1.50	50
670-012	M12-1.75	50

8 Metric Flat Washers		
Part #	Size	Qty
730-005	5 mm	100
730-006	6 mm	100
730-008	8 mm	100
730-010	10 mm	50
730-012	12 mm	50

8 Metric Lock Washers		
Part #	Size	Qty
740-005	5 mm	100
740-006	6 mm	100
740-008	8 mm	100
740-010	10 mm	50
740-012	12 mm	50

40 Compartment Bolt Bin w/Labels		
022-017	-	1

Display and contents not exactly as shown.

paulin AUTO-TECH STARTER ASSORTMENT - METRIC

022-603 assortment contains 2,270 pieces of our most popular 10.9 Metric JIS 1189 Serrated Flange Bolts, 10.9 Flange Bolts, 8.8 Cap Screws with Captive Washer, Class 8 and 10 Nuts and Washers. All products are zinc plated. The assortment also includes a metal merchandiser 022-017 and labels to identify your stock for easy reorder.

022-603

10.9 FLANGE BOLTS SERRATED JIS B1189		
Part #	Size	Qty
611-267	M6-1.00 x 12	25
611-274	M6-1.00 x 25	25
611-276	M6-1.00 x 30	25
611-278	M6-1.00 x 40	25
611-316	M8-1.25 x 20	25
611-318	M8-1.25 x 25	25
611-321	M8-1.25 x 35	25
611-324	M8-1.25 x 50	25
611-326	M8-1.25 x 60	25
611-366	M10-1.25 x 20	25
611-368	M10-1.25 x 25	25
611-371	M10-1.25 x 35	25
611-374	M10-1.25 x 50	25
611-376	M10-1.25 x 60	25
611-378	M10-1.25 x 70	25
611-412	M12-1.75 x 25	20
611-415	M12-1.75 x 35	20
611-418	M12-1.75 x 50	20

10.9 HEX HEAD CAP SCREWS DIN933		
Part #	Size	Qty
613-370	M10-1.50 x 30	50
613-371	M10-1.50 x 35	50
613-372	M10-1.50 x 40	50
613-374	M10-1.50 x 50	50

8.8 HEX CAP SCREWS WITH CAPTIVE WASHERS		
Part #	Size	Qty
615-460	M5-0.80 x 25	40
615-512	M6-1.00 x 30	20
615-514	M6-1.00 x 35	20
615-568	M8-1.25 x 45	15
615-570	M8-1.25 x 50	15

CLASS 10 HEX FLANGE NUTS SERRATED		
Part #	Size	Qty
611-906	M6-1.00	200
611-908	M8-1.25	200
611-910	M10-1.50	200
611-912	M12-1.75	200

FREE SPINNING WASHER NUTS		
Part #	Size	Qty
244-952	M5-0.80	50

CLASS 10 FLANGE NUTS SERRATED JIS		
Part #	Size	Qty
244-996	M6-1.00	25
244-997	M8-1.25	25
244-998	M10-1.50	25

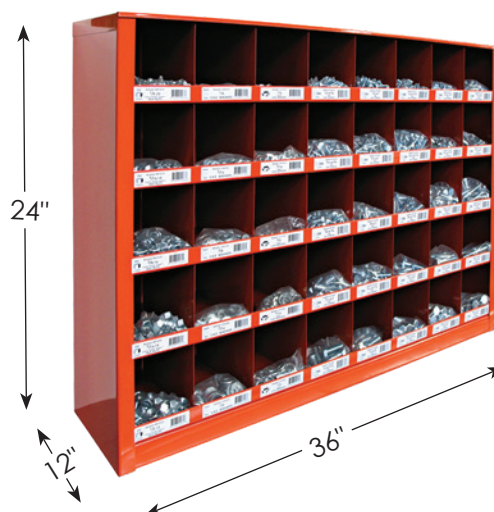
CLASS 8 HEX NUTS		
Part #	Size	Qty
670-010	M10-1.50	200

FLAT WASHERS, 200HV		
Part #	Size	Qty
730-010	10 mm	200

LOCK WASHERS		
Part #	Size	Qty
740-010	10 mm	200
Contains 2,270 pcs, 38 sizes		



Bin included



PRODUCT & LABEL REFILL ONLY

022-603R

Bin Not Included
Stickers Included



40 Compartments

Display and contents not exactly as shown.

METRIC CONVERSIONS

FRACTION	INCHES	M/M
$\frac{1}{64}$	.01563	.397
$\frac{1}{32}$	.03125	.794
$\frac{3}{64}$	.04688	1.191
$\frac{1}{16}$	.06250	1.588
$\frac{5}{64}$	.07813	1.984
$\frac{3}{32}$	.09375	2.381
$\frac{7}{64}$	.10938	2.778
$\frac{1}{8}$	.12500	3.175
$\frac{9}{64}$	.14063	3.572
$\frac{5}{32}$	.15625	3.969
$\frac{11}{64}$	.17188	4.366
$\frac{3}{16}$	.18750	4.763
$\frac{13}{64}$	.20313	5.159
$\frac{7}{32}$	.21875	5.556
$\frac{15}{64}$	.23438	5.953
$\frac{1}{4}$	.25000	6.350
$\frac{17}{64}$	.26563	6.747
$\frac{9}{32}$	.28125	7.144
$\frac{19}{64}$	.29688	7.541
$\frac{5}{16}$	.31250	7.938
$\frac{21}{64}$	.32813	8.334
$\frac{11}{32}$	.34375	8.731
$\frac{23}{64}$	.35938	9.128
$\frac{3}{8}$	.37500	9.525
$\frac{25}{64}$	.39063	9.922
$\frac{13}{32}$	.40625	10.319
$\frac{27}{64}$	.42188	10.716
$\frac{7}{16}$	.43750	11.113
$\frac{29}{64}$	.45313	11.509
$\frac{15}{32}$	.46875	11.906
$\frac{31}{64}$	.48438	12.303
$\frac{1}{2}$	.50000	12.700

FRACTION	INCHES	M/M
$\frac{33}{64}$	.51563	13.097
$\frac{17}{32}$	.53125	13.494
$\frac{35}{64}$	.54688	13.891
$\frac{9}{16}$	.56250	14.288
$\frac{37}{64}$	.57813	14.684
$\frac{19}{32}$	.59375	15.081
$\frac{39}{64}$	.60938	15.478
$\frac{5}{8}$	.62500	15.875
$\frac{41}{64}$	.64063	16.272
$\frac{21}{32}$	.65625	16.669
$\frac{43}{64}$	.67188	17.066
$\frac{11}{16}$	.68750	17.463
$\frac{45}{64}$	.70313	17.859
$\frac{23}{32}$	.71875	18.256
$\frac{47}{64}$	.73438	18.653
$\frac{3}{4}$	.75000	19.050
$\frac{49}{64}$	.76563	19.447
$\frac{25}{32}$	.78125	19.844
$\frac{51}{64}$	.79688	20.241
$\frac{13}{16}$	.81250	20.638
$\frac{53}{64}$	.82813	21.034
$\frac{27}{32}$	.84375	21.431
$\frac{55}{64}$	.85938	21.828
$\frac{7}{8}$	.87500	22.225
$\frac{57}{64}$	.89063	22.622
$\frac{29}{32}$	.90625	23.019
$\frac{59}{64}$	.92188	23.416
$\frac{15}{16}$	.93750	23.813
$\frac{61}{64}$	.95313	24.209
$\frac{31}{32}$	.96875	24.606
$\frac{63}{64}$	.98438	25.003
1	1.00000	25.400

SIZE CONVERSIONS

Inches to Millimetres			
Inch	Millimetre	Inch	Millimetre
1	25.40	0.0394	1

Standard and Metric Sizes					
Inch	Millimetre	Inch	Millimetre	Inch	Millimetre
1/8	3.18	5/8	15.88	1-1/4	31.75
5/32	3.97	—	16.00	—	32.00
—	4.00	21/32	16.67	—	33.00
3/16	4.76	—	17.00	1-5/16	33.34
—	5.00	11/16	17.46	—	34.00
13/64	5.16	—	18.00	1-3/8	34.93
7/32	5.56	—	19.00	—	35.00
15/64	6.05	3/4	19.05	—	36.00
—	6.00	25/32	19.84	1-7/16	36.51
1/4	6.35	—	20.00	—	38.00
17/64	6.75	13/16	20.64	1-1/2	38.10
—	7.00	—	21.00	—	39.00
9/32	7.14	—	22.00	1-9/16	39.69
5/16	7.94	7/8	22.23	—	40.00
—	8.00	—	23.00	—	41.00
11/32	8.73	29/32	23.02	1-5/8	41.28
—	9.00	15/16	23.81	1-11/16	42.86
3/8	9.53	—	24.00	1-3/4	44.45
—	10.00	31/32	24.61	—	46.00
—	11.00	—	25.00	1-13/16	46.04
7/16	11.11	1	25.40	1-7/8	47.63
15/32	11.91	—	26.00	1-15/16	49.21
—	12.00	1-1/16	26.99	—	50.00
1/2	12.70	—	27.00	2	50.80
—	13.00	—	28.00	—	51.00
17/32	13.49	1-1/8	28.58	2-1/8	53.96
—	14.00	—	29.00	—	54.00
9/16	14.29	—	30.00	2-1/4	57.15
—	15.00	1-3/16	30.16	2-3/8	60.33
19/32	15.08	—	31.00	2-1/2	63.50

METRIC NUT DIAMETER AND HEIGHT SIZES

Metric Nut Sizes			
Nut Size (mm)	Diameter (mm)	Height (mm)	
		Hex Nut	Jam Nut
2.0	4.0	1.6	1.2
2.5	5.0	2.0	1.6
3.0	5.5	2.4	1.8
4.0	7.0	3.2	2.2
5.0	8.0	4.0	2.7
6.0	10.0	5.0	3.2
7.0	11.0	5.5	3.5
8.0	13.0	6.5	4.0
10.0	17.0	8.0	5.0
12.0	19.0	10.0	6.0
14.0	22.0	11.0	7.0
16.0	24.0	13.0	8.0
18.0	27.0	15.0	9.0
20.0	30.0	16.0	10.0
The Diameter (across the flats) is also the size of wrench to use.			

DRIVE TYPES AND COMMON NAMES / ABBREVIATIONS

SLOTTED	
	Slot
	Cross / Plus / Star
CRUCIFORM	
	Phillips / PH
	Pozidriv / PZ
HEXALOBULAR	
	Torx® 6 Lobe

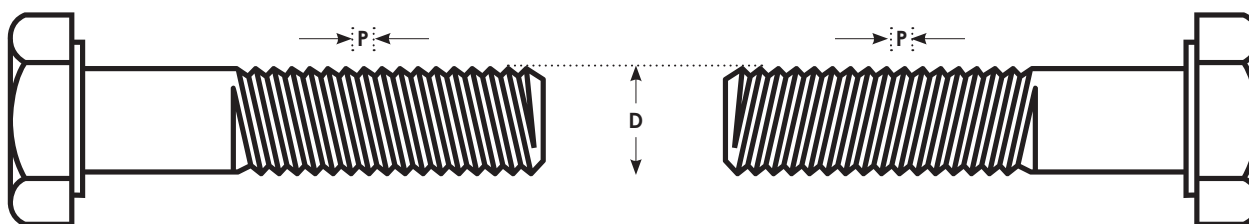
INTERNAL POLYGON	
	Robertson / Square / Socket
	Hex Socket / Allen
EXTERNAL POLYGON	
	Square
	Hex

METRIC BOLT HEAD AND WRENCH SIZES

ISO Metric Threaded Bolt (mm)	Spanner or Wrench Size (mm)			Allen Key (mm)
	DIN	ISO/ANSI	JIS	ISO/ANSI
4	7.00	7.00	7.00	—
5	8.00	8.00	8.00	4.00
6	10.00	10.00	10.00	5.00
7	11.00	—	—	—
8	13.00	13.00	12.00	6.00
10	17.00	15.00, 16.00	14.00	8.00
12	19.00	18.00	17.00	10.00
14	22.00	21.00	19.00	—
16	24.00	24.00	22.00	14.00
18	27.00	—	—	—
20	30.00	30.00	—	17.00
24	—	36.00	—	19.00

METRIC BOLT DIAMETER AND THREAD PITCH SIZES

Bolt Diameter (mm)	Thread Pitch			
	Standard	Fine	Extra or Super Fine	JIS
2	0.40	—	—	0.40
2.5	0.45	—	—	0.45
3	0.50	—	—	0.50
4	0.70	—	—	0.70
5	0.80	—	—	0.80
6	1.00	—	—	1.00
7	1.00	—	—	1.00
8	1.25	1.00	—	1.25
10	1.50	1.25	1.00	1.25
12	1.75	1.50	1.25	1.25
14	2.00	1.50	—	1.50
16	2.00	—	—	1.50
18	2.50	—	—	1.50
20	2.50	—	—	1.50



MECHANICAL REQUIREMENTS FOR THREADED FASTENERS

I.S.O. CLASS (METRIC)	S.A.E & PAPCO IDENT.	BOLT SIZE DIAMETER (INCH or MM)	PROOF LOAD (PSI)	TENSILE STRENGTH MIN (PSI)	HARDNESS	
					ROCKWELL	VICKERS
8.8		M3 to M39	84,000 (580 MPa)	116,000 (800 MPa)	C22-C34	250-335
MATERIAL HEAT TREATMENT	- Carbon steel with additives (e.g. Boron or Mn or Cr) quenched and tempered C: 0.15 to 0.40, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - In case of plain carbon boron steel with carbon content below 0.25% (cast analysis), the minimum manganese content shall be 0.6% - There shall be a sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					
	- Carbon steel quenched and tempered C: 0.25 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - There shall be a sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					
	- Alloy steel quenched and tempered C: 0.20 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - This alloy steel shall contain at least one of the following elements in the minimum quantity given: Chromium 0.30%, nickel 0.30%, molybdenum 0.20%, vanadium 0.10%. Where elements are specified in combinations of two, three or four and have alloy contents less than those given above, the limit value to be applied for steel class determination is 70% of sum of the individual limit values specified above for two, three or four elements concerned. - There shall be a sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					

I.S.O. CLASS (METRIC)	S.A.E & PAPCO IDENT.	BOLT SIZE DIAMETER (INCH or MM)	PROOF LOAD (PSI)	TENSILE STRENGTH MIN (PSI)	HARDNESS	
					ROCKWELL	VICKERS
9.8		M1.6 to M16	95,000 (650 MPa)	131,000 (900 MPa)	C28-C37	290-360
MATERIAL HEAT TREATMENT	- Carbon steel with additives (e.g. Boron or Mn or Cr) quenched and tempered C: 0.15 to 0.40, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - In case of plain carbon boron steel with carbon content below 0.25% (cast analysis), the minimum manganese content shall be 0.7% - There shall be sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					
	- Carbon steel quenched and tempered C: 0.25 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - There shall be a sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					
	- Alloy steel quenched and tempered C: 0.20 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - This alloy steel shall contain at least one of the following elements in the minimum quantity given: Chromium 0.30%, nickel 0.30%, molybdenum 0.20%, vanadium 0.10%. Where elements are specified in combinations of two, three or four and have alloy contents less than those given above, the limit value to be applied for steel class determination is 70% of sum of the individual limit values specified above for two, three or four elements concerned. - There shall be a sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					

MECHANICAL REQUIREMENTS FOR THREADED FASTENERS

I.S.O. CLASS (METRIC)	S.A.E & PAPCO IDENT.	BOLT SIZE DIAMETER (INCH or MM)	PROOF LOAD (PSI)	TENSILE STRENGTH MIN (PSI)	HARDNESS	
					ROCKWELL	VICKERS
10.9		M3 to M39	120,000 (830 MPa)	151,000 (1040 MPa)	C32-C39	320-380
MATERIAL HEAT TREATMENT	- Carbon steel with additives (e.g. Boron or Mn or Cr) quenched and tempered C: 0.20 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - In case of plain carbon boron steel with carbon content below 0.25% (cast analysis), the minimum manganese content shall be 0.7% - There shall be sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					
	- Carbon steel quenched and tempered C: 0.25 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - There shall be sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					
	- Alloy steel quenched and tempered C: 0.20 to 0.55, P: 0.025 Max., S: 0.025 Max., B: 0.003 Max. Tempering Temperature: Min. 425 °C - This alloy steel shall contain at least one of the following elements in the minimum quantity given: Chromium 0.30%, nickel 0.30%, molybdenum 0.20%, vanadium 0.10%. Where elements are specified in combinations of two, three or four and have alloy contents less than those given above, the limit value to be applied for steel class determination is 70% of sum of the individual limit values specified above for two, three, four elements concerned. - There shall be a sufficient hardenability to ensure a structure consisting of approximately 90% martensite in the core of threaded sections for fasteners in the "as-hardened" condition before tempering.					

IFI – Industrial Fasteners Institute

www.indfast.org

ASTM – American Society for Testing and Materials

www.astm.org

SAE – Society of Automotive Engineers

www.sae.org

AISI – American Iron and Steel Institute

www.steel.org

ASME – American Society of Mechanical Engineers

www.asme.org

JIS – Japanese Industrial Standards

www.jisc.go.jp/eng

ISO – International Organization for Standardization

www.iso.org

DIN – German Institute for Standardization

www.din.de

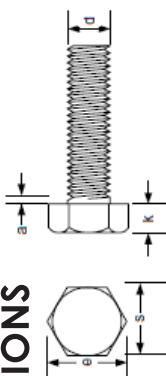
COMPARATIVE STRENGTH OF CAP SCREWS

Minimum Tensile Strength p.s.i. (pounds/sq. inch)	S.A.E. Grades 2, 5, and 8	I.S.O. Metric Property Classes	Minimum Tensile Strength MPa (megapascals)
180,000		 Class 12.9	1220
170,000	 Grade 8	 Class 10.9	1040
160,000			
150,000			
140,000		 Class 9.8	900
130,000	 Grade 5		830
120,000			
110,000		 Class 8.8	
100,000			
90,000		 Class 5.8	520
80,000	 Grade 2		
70,000			
60,000			
50,000			
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2 Diameter (inches)		M5 — M16 — M24 — M36 Diameter (millimetres)	

FULL THREAD HEXAGON HEAD SCREWS # 933 - DIN & ISO DIMENSIONS

Ref: DIN 933 - 1987

This standard contains specifications for fully threaded hexagon head screws with coarse metric thread for diameters M 1.6 to M 52. Although long-term expectation is for DIN to be superseded by ISO (lower half of page), current MMCC product # 933 is supplied according to DIN dimensions below.



Dimensions in mm.																							
Nom. Thread Diameter (D)		M3	M4	M5	M6	(M7)	M8	M10	M12	M14	(M18)	M20	(M22)	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	
THREAD PITCH (COARSE)	a	0.5	0.7	0.8	1	1	1.25	1.5	1.75	2	2.5	2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	
	max.	1.5	2.1	2.4	3	3	3.75	4.5	5.25	6	7.5	7.5	7.5	9	9	10.5	10.5	12	12	13.5	13.5	15	
washer face	min.	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	
	max.	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1	1	1	1	
e min.		6.01	7.66	8.79	11.05	12.12	14.38	18.9	21.1	24.49	30.14	33.53	35.72	39.98	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.60	
		2	2.8	3.5	4	4.8	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7	21	22.5	25	26	30	
Nom. Dimensions	min.	1.88	2.68	3.35	3.85	4.65	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78	16.65	18.28	20.58	22.08	24.58	27.58	29.58	
	max.	2.12	2.92	3.65	4.15	4.95	5.45	6.56	7.68	8.98	10.18	11.72	12.72	14.22	15.22	17.35	19.12	21.42	22.92	25.43	28.42	30.42	
Max. = Nom. Dimensions		5.5	7	8	10	11	13	17	19	22	24	27	30	32	36	41	46	50	55	60	65	70	75
s	min.	5.32	6.78	7.78	9.78	10.73	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38	40	45	49	53.8	58.8	63.1	68.1	73.1

Ref: ISO 4017 - 1979

This international standard gives specifications for fully threaded hexagon head screws with metric dimensions and thread diameters from 3mm up to and including 36mm.

Comparison chart on **ISO/DIN** standards
across flat size differences.

Nom. Thread Diameter (D)		Dimensions in mm.															
		M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24	M30	M36			
THREAD PITCH (COARSE)	a	max.	0.50	0.70	0.80	1	1.25	1.50	1.75	2	2	2.50	3	3.50	4		
	min.		1.50	2.10	2.40	3	3.75	4.50	5.25	6	6	7.5	9	10.5	12		
	washer face		0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.20		
Nom. Dimensions	k	max.	0.40	0.40	0.50	0.50	0.60	0.60	0.60	0.60	0.80	0.80	0.80	0.80	0.80		
		e min.	6.01	7.66	8.79	11.05	14.38	17.77	20.03	23.35	26.75	33.53	39.98	50.85	60.79		
		min.	2	2.80	3.50	4	5.30	6.40	7.50	8.80	10	12.50	15	18.70	22.50		
Nom. Dimensions	s	max.	1.88	2.68	3.35	3.85	5.15	6.22	7.32	8.62	9.82	12.28	14.78	18.28	22.08		
		k	2.12	2.92	3.65	4.15	5.45	6.58	7.68	8.98	10.18	12.72	15.22	19.12	22.92		
		max.	5.50	7	8	10	13	16	18	21	24	30	36	46	55		
Nom. Dimensions	s	min.	5.32	6.78	7.78	9.78	12.73	15.73	17.73	20.67	23.67	29.67	35.38	45	53.8		

*Please note: Diameters shown in () should be avoided for new design.

Thread Diameter	M10		M12		M14	
	Max.	Min.	Max.	Min.	Max.	Min.
ISO mm	16	15.73	18	17.73	21	20.67
DIN mm	17	16.73	19	18.67	22	21.67

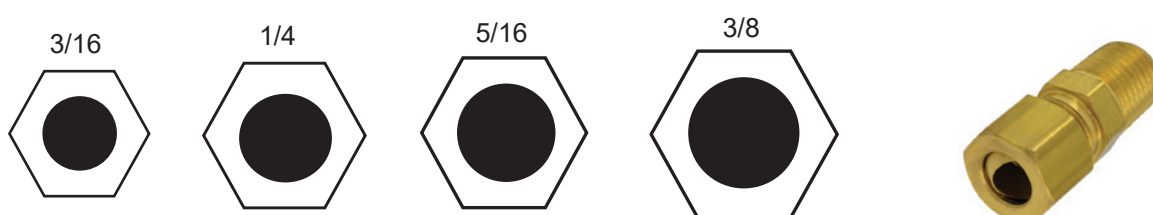
© Copyright Metric & Multistandard Components Corp. 2000

WOOD SCREWS

Diameter	#4	#5	#6	#7	#8	#9	#10	#12	#14
Decimal Equivalent Dia.	.112	.125	.138	.155	.165	.177	.191	.218	.251
Drill Pilot Hole*	3/64	1/16	1/16	1/16	5/64	5/64	3/32	7/64	7/64
Drill Shank Hole*	7/64	9/64	11/64	5/32	7/64	3/16	3/16	7/32	1/4

*Sizes of holes recommended for average application. Slightly larger or smaller holes may be required for hard or soft woods.

COMPRESSION AND FLARE TUBE FITTINGS



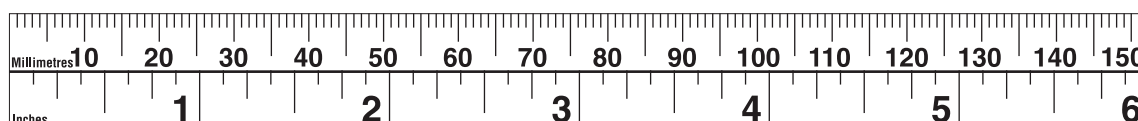
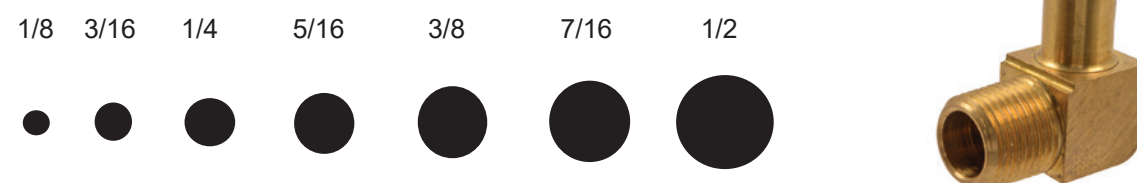
PIPE FITTINGS



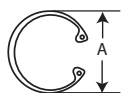
PHILLIPS TAPPING SCREWS



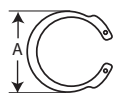
HOSE BARB FITTINGS



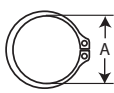
SNAP RINGS



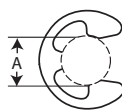
-200 Series
Internal



-300 Series
Internal



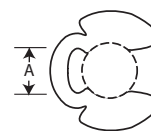
-400 Series
External



-500 Series
External



-600 Series
External



-700 Series
External

ORDER BY STOCK NUMBER

Illustrations Actual Size

268-200 Series	268-400 Series
-228 -246* -230 -227 -242 -231 -226 -238 -232 -224 -237 -222 -234	-424 -444 -426 -428 -430 -442 -418 -440 -432 -414 -438 -434 -436

SNAP RINGS (CONTINUED)

ORDER BY STOCK NUMBER

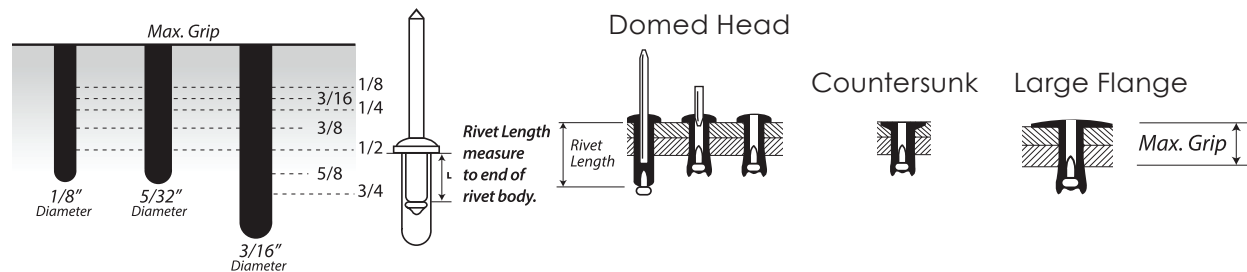
* Example of Stock Number: 268-522

268-300 Series  -329	268-500 Series  -505 -506 -511 -510 -514 -516 -518 -520 -522*
 -330	268-600 Series  -606 -610 -614 -616 -618 -620
 -332	268-700 Series  -714 -716 -718 -722 -724

BLIND RIVETS

		Drill	
Inch	Metric	Number	Size
3/32	2.4mm	#41	.096 - .100
1/8	3.2mm	#30	.129 - .133
5/32	4.0mm	#20	.160 - .164
3/16	4.8mm	#11	.192 - .196

How to measure rivets:



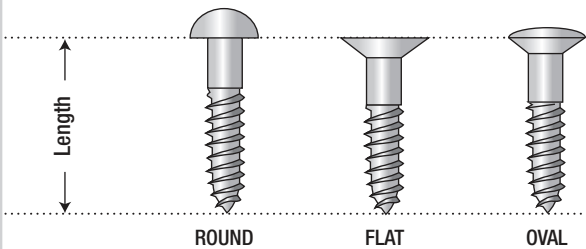
[illegible]

NOTES

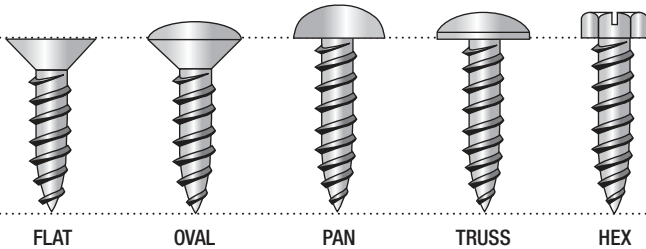
NOTES

FASTENER IDENTIFICATION CHART

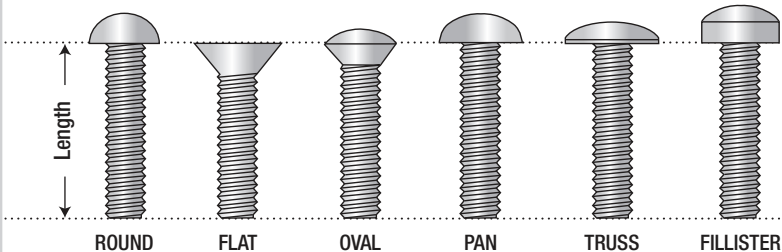
WOOD SCREWS



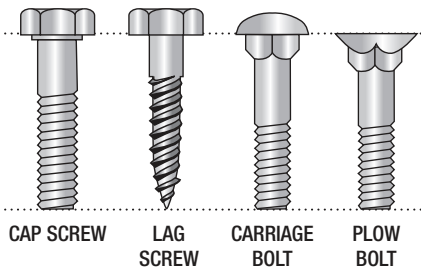
TAPPING SCREWS



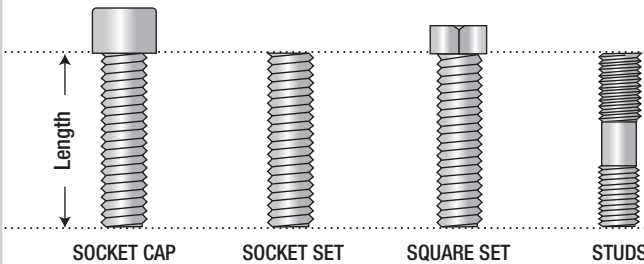
MACHINE SCREWS



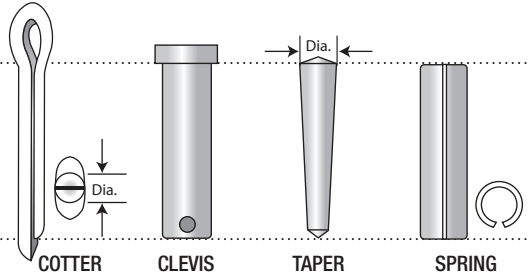
SCREWS & BOLTS



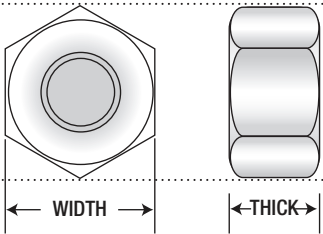
SET SCREWS & STUDS



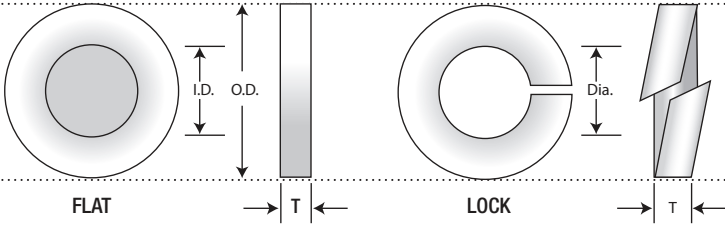
STANDARD PINS



HEX NUTS



WASHERS





TORONTO

900 Passmore Avenue, Toronto, ON, M1X 0C6

Tel: 416-694-3351

Fax: 416-981-7956

LAVAL

2591 Debray Street Laval, QC H7S 2J4

Tel: 1-450-688-4292

Fax: 1-450-688-4750

EDMONTON

17306 129th Avenue Edmonton, AB T5V 0C7

Tel: 1-800-262-9026

Fax: 1-780-900-0463

WINNIPEG

1670-A Inkster Blvd. Winnipeg, MB. R2X 2W8

Tel: 1-204 694-3802

Fax: 1-204-694-3804

VANCOUVER

3179 Thunderbird Cres. Burnaby, BC V5A 3G1

Tel: 1-604-421-3096

Fax: 1-604-357-1112



The Hillman Group Canada ULC

HILLMAN™