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Quality System



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News/Specials

NPA Products

Keystone

Heyco

Microplastics

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Our Website Offers Online

Welcome to NPA.

Australasia's leading supplier of Cable & Wiring Accessories, Nylon
Fasteners & Electronic Components.

Ordering

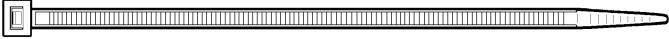


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CABLE MANAGEMENT PRODUCTS

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CABLE MANAGEMENT PRODUCTS

CABLE TIES IN NYLON 6/6					
Part No. Natural	Part No. Black	Length mm	Width mm	Pack Size	
42001	42002	75	2.2	1000 Pces	<ul style="list-style-type: none"> • Cable ties are manufactured from Nylon 6/6. • Flammability self extinguishing. UL 94 V2.
42003	42004	88	2.5		
42007	42008	98	2.5		
42009	42010	120	2.5		
42011	42012	135	2.6		
42013	42014	160	2.6		
42015	42016	200	2.6		
42017	42018	120	3.2		
42019	42020	140	3.6		
42021	42022	150	3.6		
42035	42036	180	3.6		
42023	42024	200	3.6		
42025	42026	250	3.6		
42027	42028	290	3.6	100 Pces	<ul style="list-style-type: none"> • Black ties are filled with carbon black and are recommended for general outdoor use as they give a better resistance to ultra violet light. • Smooth rounded edges mean easier handling & safer installation. • Bent rounded tip allows easier insertion through the head of the cable tie.
42029	42030	370	3.6		
42031	42032	120	4.5		
42033	42034	160	4.5		
42037	42038	190	4.8		
42039	42040	200	4.6		
42041	42042	250	4.8		
42043	42044	290	4.8		
42045	42046	310	4.8		
42047	42048	360	4.8		
42049	42050	390	4.8		
42051	42052	430	4.8		
42053	42054	120	7.8		
42055	42056	180	7.8		
42057	42058	240	7.8		
42061	42062	300	7.8		
42065	42066	365	7.8		
42067	42068	450	7.8		
42069	42070	540	7.8		
42071	42072	750	9.0		
42073	42074	780	9.0		
42075	42076	1168	9.0		
42077	42078	225	12.6		
42079	42080	280	12.6		
42081	42082	380	12.6		
42083	42084	480	12.6		
42085	42086	500	12.6		
42087	42088	580	12.6		
42089	42090	720	12.6		
42091	42092	850	12.6		
42093	42094	1000	12.6		
42095	42096	255	18.0	100 Pces	

CABLE MANAGEMENT PRODUCTS

CABLE TIES IN NYLON 6/6


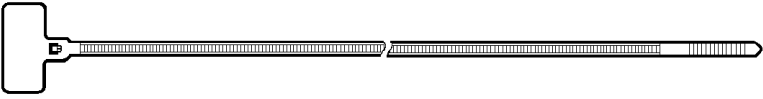
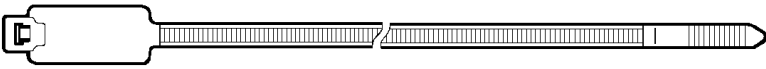



Packed in Bags of 100

Part No. Natural	Part No. Black	Length mm	Width mm	Pack Size	<ul style="list-style-type: none"> • Cable ties are manufactured from Nylon 6/6. • Flammability self extinguishing. UL 94 V2. • Black ties are filled with carbon black and are recommended for general outdoor use as they give a better resistance to ultra violet light.
42407	42408	98	2.5	100 Pces	
42419	42420	140	3.6		
42423	42424	200	3.6		
42435	42436	180	3.6		
The sizes listed above are available from stock, other sizes may be available to order. Call for details					
Coloured Cable Ties					
Part No.	Colour	Length mm	Width mm	Pack Size	<ul style="list-style-type: none"> • Smooth rounded edges mean easier handling & safer installation. • Bent rounded tip allows easier insertion through the head of the cable tie.
42401	Blue	98	2.5	100 Pces	
42402	Brown	98	2.5		
42403	Red	98	2.5		
42404	Grey	98	2.5		
42405	Green	98	2.5		
42406	Yellow	98	2.5		
42421B	Blue	150	3.6		
42421G	Green	150	3.6		
42421O	Orange	150	3.6		
42421R	Red	150	3.6		
42421Y	Yellow	150	3.6		
The sizes listed above are available from stock, other sizes are available to order. Call for details					
Cable Ties with Mounting Hole (Natural Only)					
Part No. Natural	Length mm	Width mm	Screw Hole Size (mm)	Pack Size	
42151	150	3.6	4.5	100 Pces	
42152	200	4.8	4.5		
42154	200	7.8	6.5		
42155	300	7.8	6.5		
42156	380	7.8	6.5		

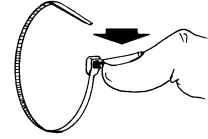
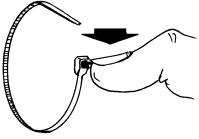
CABLE MANAGEMENT PRODUCTS

IDENTIFICATION CABLE TIES (Natural Only)

Part No. Natural	Length mm	Width mm	Pack Size		
42161	100	2.5	100 Pces		
42162	200	2.5			
					
42163	110	2.5	100 Pces		
42164	210	2.5			
					
42165	190	4.8	100 Pces		
42166	270	4.8			
					
Push Mounting Cable Ties (Natural Only)					
Part No. Natural	Length mm	Width mm	Mounting Hole mm	Panel Thickness mm	Pack Size
42167	150	3.5	5.2	2.8	100 Pces
42168	200	4.8	6.3	3.6	
					

- Cable ties are manufactured from Nylon 6/6.
- Flammability self extinguishing. UL 94 V2.
- Black ties are filled with carbon black and are recommended for general outdoor use as they give a better resistance to ultra violet light.
- Smooth rounded edges mean easier handling & safer installation.
- Bent rounded tip allows easier insertion through the head of the cable tie.

CABLE MANAGEMENT PRODUCTS

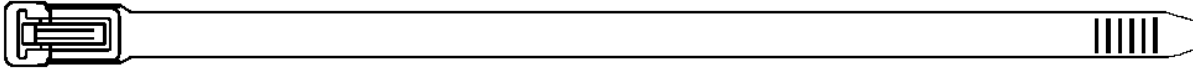


Releasable Cable Ties (Nylon 6/6)

Part No. Natural	Part No. Black	Length mm	Width mm	Pack Size
42201	42202	100	3.5	100 Pces
42203	42204	150	4.8	
42205	42206	200	4.8	
42207	42208	250	4.8	
42209	42210	300	4.8	
42211	42212	370	4.8	

Releasable Cable Ties – Heavy Duty

Part No. Natural	Part No. Black	Length mm	Width mm	Pack Size
42219	42220	125	7.5	100 Pces
42221	42222	150	7.5	
42223	42224	200	7.5	
42225	42226	250	7.5	
42227	42228	300	7.5	



Releasable Cable Ties – Hook & Loop

(Velcro)

Part No.	Length mm	Width mm	Pack Size
42191	135	12	20 Pces
42192	180	12	
42193	210	16	
42194	310	16	

Stocked in BE – Blue BK – Black GN – Green RD – Red
(add colour code to part number)

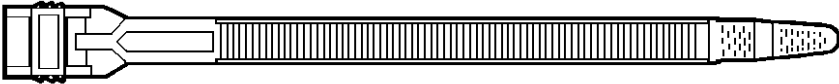


CABLE MANAGEMENT PRODUCTS

CABLE TIES IN NYLON 12

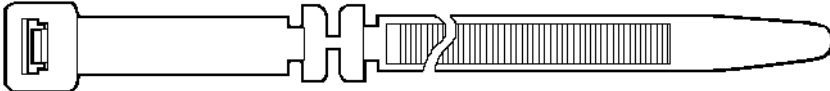
Black Only

Part No.	Length mm	Width mm	Pack Size	
42175	115	6	1000 Pces	<ul style="list-style-type: none"> • Cable ties are manufactured from Nylon 12 • Excellent resistance to heat and to a wide temperature range • Unaffected by variations in humidity they retain their mechanical characteristics when used in dry weather. • Resistant to chemical agents and ultra violet light. • Easier to install thanks to lateral teeth. Smaller sizes are have a longer tail for easier picking up.
42176	180	6		
42177	290	6		
42178	360	6		
42179	180	8		
42180	255	8		
42181	350	8		
42182	132	9		
42183	180	9		
42185	265	9		
42186	300	9		
42187	360	9		
42188	510	9		
42189	760	9		



Cable Tray Fixing Ties (Nylon 6/6)

Part No. Black	Length mm	Width mm	Pack Size
42140	24 + 270	7.8	100 Pces
42141	50 +275	12.6	50 Pces

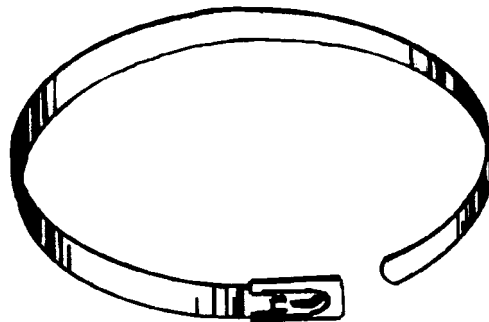


CABLE MANAGEMENT PRODUCTS

Stainless Steel (Roller Ball Ties)

Part No.	Length mm	Width mm	Max Bundle	Pack Size
42701	130	4.6	25mm	100 Pces
42702	200	4.6	50mm	
42703	200	7.9	50mm	
42704	360	4.6	100mm	
42705	360	7.9	100mm	
42706	520	4.6	150mm	
42707	520	7.9	150mm	

304 grade stainless steel, also available in 316 grade.



Releasable Cable Ties – Beaded (Nylon)

Part No. Natural	Length mm	Max Bundle	Pack Size
42558	100	25mm	1000 Pces
42559	120	30mm	
42560	150	39mm	
42561	180	49mm	
42570	230	63mm	
42562	280	75mm	

CABLE MANAGEMENT PRODUCTS

CABLE TIES WITH STAND

42100				
Contents				
Qty	Size	Colour	Pack Size	Part Number
20pkts	98 x 2.5	Natural	100 Pces	42007
20pkts	135 x 2.6	Natural		42011
20pkts	160 x 2.6	Natural		42013
10pkts	140 x 3.6	Natural		42019
10pkts	200 x 3.6	Natural		42023
6pkts	178 x 4.8	Natural		42035
6pkts	290 x 4.8	Natural		42043
1 Counter Top Display Stand				



42101				
Contents				
Qty	Size	Colour	Pack Size	Part Number
20pkts	98 x 2.5	Black	100 Pces	42008
20pkts	135 x 2.6	Black		42012
20pkts	160 x 2.6	Black		42014
10pkts	140 x 3.6	Black		42020
10pkts	200 x 3.6	Black		42024
6pkts	178 x 4.8	Black		42036
6pkts	290 x 4.8	Black		42044
1 Counter Top Display Stand				

42102				
Contents				
Qty	Size	Colour	Pack Size	Part Number
40pkts	98 x 2.5	Natural	20 Pces	42007
40pkts	140 x 3.6	Natural		42019
40pkts	200 x 3.6	Natural		42023
40pkts	178 x 4.8	Natural		42035
40pkts	290 x 4.8	Natural		42043
40pkts	98 x 2.5	Black		42008
40pkts	140 x 3.6	Black		42020
1 Counter Top Display Stand				

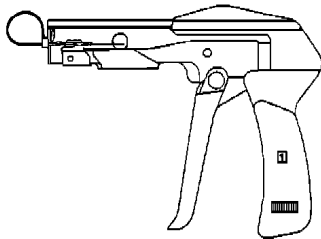
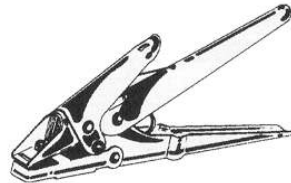
CABLE MANAGEMENT PRODUCTS

CABLE TIE INSTALLATION TOOLS

P/N 23014 Suits 7.8mm to 13.0mm

P/N 23017 Suits 2.5mm to 10.0mm

Manufactured from pressed steel, the installer manually tensions the cable tie without a pre-set control. It has a separate arm to manually cut the cable tie when desired tension is reached.

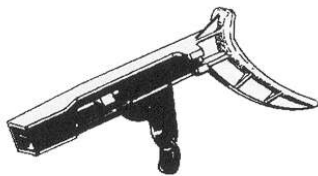
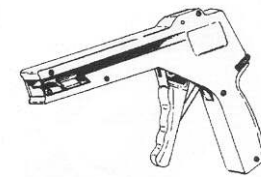


P/N 23019

Automatic cable tie tool with body made of plastic material. The mechanical parts are made from pressed steel. The tension is adjustable for cable ties from 2.2 to 5.0mm. wide.

P/N 23018

Automatic tool made of steel for tightening and cutting cable ties in one operation. Provided with a device that allows the predetermination of the tension. Suits cable ties from 2.2 to 5.0mm. wide.



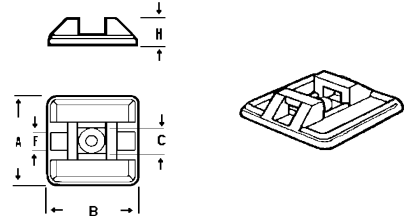
P/N 23020

Manual cable tie tool with body made of plastic material. The mechanical parts are made from pressed steel. Excess material can be cut by twisting the tool, for cable ties from 2.2 to 5.0mm. wide.

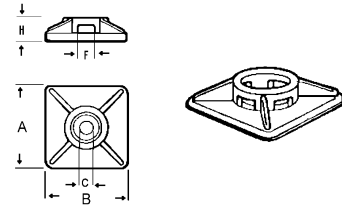
CABLE MANAGEMENT PRODUCTS

CABLE TIE MOUNTS

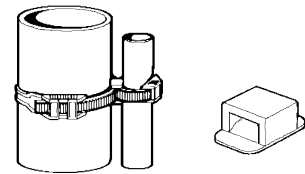
Part No.		A	B	C	F	H
Natural	Black	Without Adhesive				
42501	42502	19mm	19mm	4.3mm	4mm	6mm
42503	42504	26.5mm	26.5mm	4.3mm	6mm	8mm
With Adhesive						
42505	42506	19mm	19mm	4.3mm	4mm	6mm
42507	42508	26.5mm	26.5mm	4.3mm	6mm	8mm



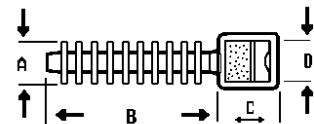
Part No.		A	B	C	F	H
Natural	Black	Without Adhesive				
42509	42510	19mm	19mm	4.3mm	4mm	6mm
42511	42512	26.5mm	26.5mm	4.3mm	6mm	8mm
With Adhesive						
42513	42514	19mm	19mm	4.3mm	4mm	6mm
42515	42516	26.5mm	26.5mm	4.3mm	6mm	8mm



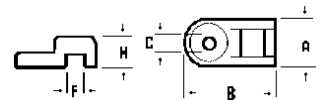
Part No.	Max. Cable Tie Width	Part Height	Part Width
Black 42517	9mm	9.5mm	14mm



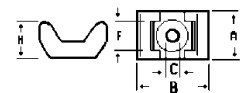
Part No.	A	B	C	D
Black 42518	10mm	37mm	6.5mm	9.2mm
42519	10mm	37mm	13mm	9.2mm



Part No.		A	B	C	F	H
Natural	Black	Maximum Cable Tie Width 4.8mm				
42521	42522	10mm	20mm	4.3mm	5mm	6mm



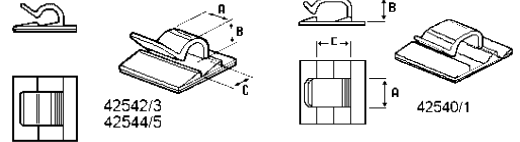
Part No.		A	B	C	F	H
Natural	Black	Maximum Cable Tie Width 4.8mm				
42523	42524	9.5mm	15mm	3.5mm	5mm	7mm
42525	42526	15mm	25mm	5mm	9mm	11mm



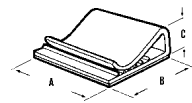
CABLE MANAGEMENT PRODUCTS


CABLE CLAMPS

Part No.		Base	A	B	C
Natural	Black	With Adhesive			
42540	42541	19mm	10mm	5mm	4.5mm
42542	42543	26mm	12.5mm	8mm	11mm
42544	42545	26mm	16mm	15mm	18mm

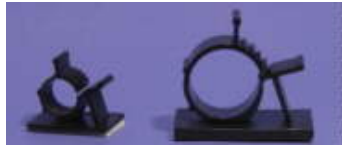


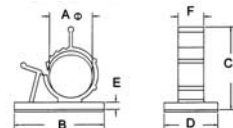
Part No.	A	B	C	Flat ribbon cable clamps manufactured in P.V.C.
Grey	With Adhesive			
42549	15mm	25.4mm	10mm	
42546	20mm	25.4mm	10mm	
42547	25mm	25.4mm	10mm	
42548	30mm	25.4mm	10mm	



Part No.	A	B	C	L	Max Dia	Adjustable Cable Camps 
Natural	With Adhesive					
42527	25.0mm	18.0mm	7.9mm	70mm	17.0mm	
42528	30.5mm	21.0mm	12.0mm	90mm	22.0mm	
42529	30.5mm	21.0mm	12.0mm	108mm	26.0mm	

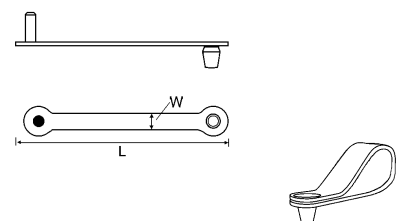


Part No.	A	B	C	D	E	F	Adjustable Cable Camps  (all dim's in mm)
Black	With Adhesive						
42574	8 – 10	25	22	19	1.6	10	
42575	10 – 12.5	32	28	19	1.6	10	
42576	12.5 – 15	37	32	18.5	3.0	12	
42577	16.5 – 20	42	40	25	3.0	12.7	
42578	22 – 25	42	45	21.5	3.0	11	



TIE STRAP

Part No.	Mounting Hole mm	Chassis Thickness mm	Max. Dia. mm	W mm	L mm
Black					
42550	6.5	0.5 - 1.0	14.0	7.5	73.0
Holds bundles of cables to a chassis, locks into itself and is releasable for the addition or removal of wires.					



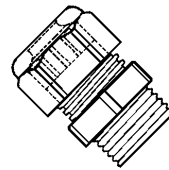
CABLE MANAGEMENT PRODUCTS

CABLE GLANDS

Metric Thread

Part No.	Thread	Mtg Hole	Cable Size	
			Min	Max
Black				
40621	12 x 1.5mm	12.5mm	3.0mm	6.5mm
40622	16 x 1.5mm	16.5mm	5.0mm	10.0mm
40623	20 x 1.5mm	20.5mm	10.0mm	14.0mm
40624	25 x 1.5mm	26.0mm	13.0mm	18.0mm
40625	32 x 1.5mm	33.0mm	18.0mm	25.0mm
PG Thread				
40601	PG-7	12.5mm	3.0mm	6.5mm
40602	PG-9	15.0mm	4.0mm	8.0mm
40603	PG-11	18.5mm	5.0mm	10.0mm
40604	PG-13.5	20.5mm	6.0mm	12.0mm
40605	PG-16	22.5mm	10.0mm	14.0mm
Metal Glands (Brass)				
40631	12 x 1.5mm	12.5mm	3.0mm	6.0mm
40632	16 x 1.5mm	16.5mm	5.0mm	10.0mm
40633	20 x 1.5mm	20.5mm	6.0mm	13.0mm
40634	25 x 1.5mm	26.0mm	11.0mm	17.0mm
40635	32 x 1.5mm	33.0mm	15.0mm	21.0mm
Metric Locknut Only				
Part No.	Thread	Part No.	Thread	
41621	12 x 1.5mm	41624	25 x 1.5mm	
41622	16 x 1.5mm	41625	32 x 1.5mm	
41623	20 x 1.5mm	41628	63 x 1.5mm	

Cable glands manufactured in Nylon 6/6, with a neoprene cable seal.



Cable glands offer protection to IP68

Supplied complete with locknut and washer

Metal glands are supplied with sealing washer for use in threaded holes

41621 – 41625 Black
41628 Grey

CABLE CLAMPS

Heavy Duty

Part No.		Mtg Hole	Width	Cable Size
Natural	Black			
40125	40126	5.2mm	12.7mm	3.2mm
40127	40128	5.2mm	12.7mm	4.8mm
40129	40130	5.2mm	12.7mm	6.4mm
40131	40132	5.2mm	12.7mm	8.0mm
40133	40134	5.2mm	12.7mm	9.5mm
40135	40136	5.2mm	12.7mm	11.0mm
40137	40138	5.2mm	12.7mm	12.7mm

A rugged clip with reinforced side flanges for extra strength



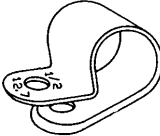
CABLE MANAGEMENT PRODUCTS

CABLE CLAMPS

"P" Clips standard duty

Part No.		Width	Mtg Hole	Cable Size	
Natural	Black			Metric	Imp
40011	40012	9.5mm	3.5mm	3.2mm	1/8"
40013	40014	9.5mm	3.5mm	4.8mm	3/16"
40015	40016	9.5mm	3.5mm	6.4mm	1/4"
40017	40018	9.5mm	3.5mm	7.9mm	5/16"
40019	40020	9.5mm	3.5mm	9.5mm	3/8"
40021	40022	9.5mm	3.5mm	11.1mm	7/16"
40023	40024	9.5mm	3.5mm	12.7mm	1/2"
40031	40032	9.5mm	4.2mm	3.2mm	1/8"
40033	40034	9.5mm	4.2mm	4.8mm	3/16"
40035	40036	9.5mm	4.2mm	6.4mm	1/4"
40037	40038	9.5mm	4.2mm	7.9mm	5/16"
40039	40040	9.5mm	4.2mm	9.5mm	3/8"
40041	40042	9.5mm	4.2mm	11.1mm	7/16"
40043	40044	9.5mm	4.2mm	12.7mm	1/2"
40051	40052	9.5mm	5.1mm	3.2mm	1/8"
40053	40054	9.5mm	5.1mm	4.8mm	3/16"
40055	40056	9.5mm	5.1mm	6.4mm	1/4"
40057	40058	9.5mm	5.1mm	7.9mm	5/16"
40059	40060	9.5mm	5.1mm	9.5mm	3/8"
40061	40062	9.5mm	5.1mm	11.1mm	7/16"
40063	40064	9.5mm	5.1mm	12.7mm	1/2"

Cable clamps manufactured in Nylon 6/6



These clamps secure, insulate and route cable, wiring, tubing, piping and fibre optics.

All contact edges have a full radius for product protection.


Sizes are clearly marked for easy identification

Standard duty clamps suit most everyday applications

"P" Clips heavy duty

Part No.		Width	Mtg Hole	Cable Size	
Natural	Black			Metric	Imp
40071	40072	12.7mm	5.1mm	3.2mm	1/8"
40073	40074	12.7mm	5.1mm	4.8mm	3/16"
40075	40076	12.7mm	5.1mm	6.4mm	1/4"
40077	40078	12.7mm	5.1mm	7.9mm	5/16"
40079	40080	12.7mm	5.1mm	9.5mm	3/8"
40081	40082	12.7mm	5.1mm	11.1mm	7/16"
40083	40084	12.7mm	5.1mm	12.7mm	1/2"
40085	40086	12.7mm	5.1mm	14.3mm	9/16"
40087	40088	12.7mm	5.1mm	15.9mm	5/8"
40089	40090	12.7mm	5.1mm	17.4mm	11/16"
40091	40092	12.7mm	5.1mm	19mm	3/4"
40093	40094	12.7mm	5.1mm	20.6mm	13/16"
40095	40096	12.7mm	5.1mm	22.2mm	7/8"
40097	40098	12.7mm	5.1mm	25.4mm	1"
40099	40100	12.7mm	5.1mm	28.5mm	1 1/8"
40101	40102	12.7mm	5.1mm	30mm	1 3/16"
40103	40104	12.7mm	5.1mm	31.8mm	1 1/4"
40105	40106	12.7mm	5.1mm	35mm	1 3/8"
40107	40108	12.7mm	5.1mm	38mm	1 1/2"

Heavy duty clamps provide a wider contact area, for heavy duty and commercial applications.



CABLE MANAGEMENT PRODUCTS

HEATSHRINK TUBING General Purpose

Part No.	Size I.D. Expanded mm	Size I.D. Recovered mm	Part No.	Size I.D. Expanded mm	Size I.D. Recovered mm
40370	1.5	0.75	40378	13.0	6.50
40371	2.5	1.25	40379	20.0	10.00
40372	3.5	1.75	40380	25.0	12.50
40373	4.0	2.00	40381	38.0	19.00
40374	5.0	2.50	40382	50.0	25.00
40375	7.0	3.50	40383	70.0	38.00
40376	8.0	4.00	40384	100.0	50.00
40377	10.0	5.00			

AVAILABLE COLOURS : Black, Red, White, Blue, Clear.
(Others available to order)

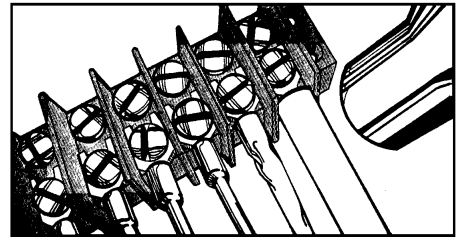
SHRINK RATIO : 2-1 (50%)

SHRINK TEMPERATURE : >90°C

OPERATING TEMPERATURE : -55° to +125°C

OPERATING VOLTAGE : 600 Volts Max.

FLAMABILITY : Self Extinguishing VW1



DUAL WALL Adhesive Lined

Part No.	Size I.D. Expanded mm	Size I.D. Recovered mm
40351	3	1
40352	4.8	1.6
40353	6	2
40354	9	3
40355	12	4
40356	18	6
40357	24	8
40358	39	13



AVAILABLE COLOURS : Black

SHRINK RATIO : 3-1 (66%)

SHRINK TEMPERATURE : >110°C

OPERATING TEMPERATURE : -55° to +85°C

OPERATING VOLTAGE : 15KV/mm

CABLE MANAGEMENT PRODUCTS

CABLE BINDING

- Easy Handling and Installation
- Highly Resistant to Stress Cracking
- Flexible and Lightweight
- Easily Cut to Length
- Holds Groups of Wires or Tubes in Position
- Protects Against Abrasion and Crushing
- Can Be Reused
- Tube is Slit for Easy Insertion, Then Returns to Closed Position to Protect



Cable Binding can be used like tape. Unlike tape, it can be used repeatedly and leaves no sticky residue on the product to be controlled and protected. Cable Binding can be offered in over 90 different standard colours for volume applications. Cable Binding is offered in natural for indoor applications and UV stabilized black for outdoor applications.

Natural Polyethylene

Black UV Stabilized Polyethylene

ITEM NUMBER	ID	WALL THK.	ITEM NUMBER	ID	WALL THK.
40301	3/8"	.030	40302	3/8"	.030
40303	3/8"	.040	40304	3/8"	.040
40305	3/8"	.050	40306	3/8"	.050
40307	1/2"	.030	40308	1/2"	.030
40309	1/2"	.040	40310	1/2"	.040
40311	1/2"	.050	40312	1/2"	.050
40313	5/8"	.030	40314	5/8"	.030
40315	5/8"	.040	40316	5/8"	.040
40317	5/8"	.050	40318	5/8"	.050

ADHESIVE TAPES

Double Sided Tape

ITEM NUMBER	Width	Roll Size
47108	8mm	100Mtrs
47112	12mm	100Mtrs
47114	14mm	100Mtrs
47118	18mm	100Mtrs
47123	23mm	100Mtrs



Double Sided Tape With 3mm Foam

ITEM NUMBER	Width	Roll Size
47208	8mm	50Mtrs
47213	13mm	50Mtrs
47218	18mm	50Mtrs
47223	23mm	50Mtrs
27228	28mm	30Mtrs

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Website
Allows
You To
Check Stock
24 Hours a
Day**

www.npa.com.au
www.npa.com.au

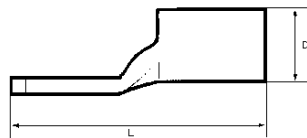
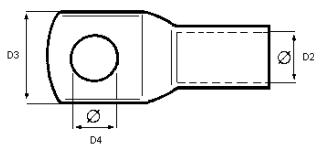
TERMINATION PRODUCTS

- 2-1 Compression Lugs
- 2-2 Compression Lugs
- 2-3 Crimping Tools - Compression Lugs
- 2-4 Ferrules - Insulated (Bootlace Ferrules)
- 2-5 Ferrules - Non - Insulated / Splice Connectors
- 2-6 Ferrules - Crimping Tools
- 2-7 Fuses - Glass
- 2-8 Pre-Insulated Terminals – Blade, Pin, & Bullet
- 2-9 Pre-Insulated Terminals – Butt, Closed End.
Crimp Tools
- 2-10 Pre-Insulated Terminals – Q.C. Tabs
Non-Insulated Brass – Q.C. Tabs
- 2-11 Pre-Insulated Terminals – Spade & Ring
Non-Insulated – Ring
- 2-12 Terminal Blocks
- 2-13 IEC Connectors
- 2-14 NEMA Receptacles

TERMINATION PRODUCTS

COMPRESSION LUGS

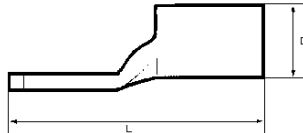
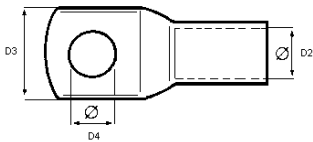
Part No	Cable Size	Screw Size	Dimensions (mm)				
	mm ²	Ø mm	D1	D2	D3	D4	L
31001	1.5	5	3.3	1.8	7	5.3	19.9
31002	1.5	6	3.3	1.8	9	6.3	22.0
31004	2.5	5	4.3	2.3	8	5.3	19.9
31005	2.5	6	4.3	2.3	9.5	6.3	22.0
31006	4	5	5.0	3.0	10	5.3	26.2
31007	4	6	5.0	3.0	10	6.4	26.2
31008	4	8	5.0	3.0	13	8.4	28.7
31010	6	6	6.0	4.0	12	6.4	27.3
31011	6	8	6.0	4.0	14	8.4	30.5
31013	10	6	6.5	4.5	13	6.4	31.0
31014	10	8	6.5	4.5	13	8.4	31.0
31015	10	10	6.5	4.5	15	10.5	31.0
31016	16	5	8.0	6.0	14	5.3	33.5
31017	16	6	8.0	6.0	14	6.4	33.5
31018	16	8	8.0	6.0	14	8.4	33.5
31019	16	10	8.0	6.0	22	10.5	38.0
31021	25	6	9.0	7.0	16	6.4	39.0
31022	25	8	9.0	7.0	16	8.4	39.0
31023	25	10	9.0	7.0	16	10.5	39.0
31025	35	6	10.9	8.4	17	6.4	43.0
31026	35	8	10.9	8.4	17	8.4	43.0
31027	35	10	10.9	8.4	17	10.5	43.0
31028	35	12	10.9	8.4	20	13.2	46.0
31030	50	8	12.0	9.0	20	8.4	53.0
31031	50	10	12.0	9.0	20	10.5	53.0
31032	50	12	12.0	9.0	21	13.2	53.0



TERMINATION PRODUCTS

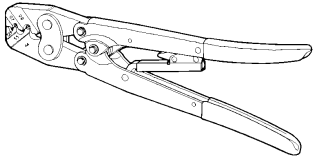
COMPRESSION LUGS

Part No	Cable Size	Screw Size	Dimensions (mm)				
	mm ²	Ø mm	D1	D2	D3	D4	L
31035	70	8	14.0	11.2	22	8.4	56.0
31036	70	10	14.0	11.2	22	10.5	56.0
31037	70	12	14.0	11.2	22	13.2	56.0
31040	95	8	17.0	13.4	24	8.4	62.0
31041	95	10	17.0	13.4	24	10.5	62.0
31042	95	12	17.0	13.4	24	13.2	62.0
31044	95	16	17.0	13.4	27	17.0	66.0
31046	120	10	19.5	15.0	27	10.5	69.0
31047	120	12	19.5	15.0	27	13.2	69.0
31049	120	16	19.5	15.0	27	17.0	69.0
31051	150	12	21.0	16.5	31	13.2	75.0
31053	150	16	21.0	16.5	31	17.0	75.0
31054	150	20	21.0	16.5	31	21.0	87.0
31056	185	16	23.5	18.5	33	17.0	87.0
31057	185	20	23.5	18.5	33	21.0	93.0
31060	240	16	26.0	21.0	37	17.0	89.0
31062	300	16	28.5	23.5	46	17.0	108.0
31063	300	20	28.5	23.5	46	21.0	108.0



TERMINATION PRODUCTS

CRIMPING TOOLS



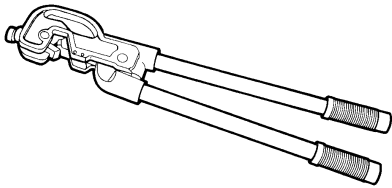
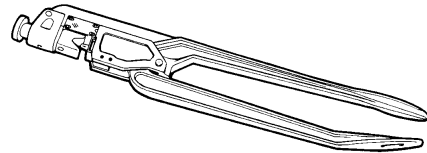
23037

Suits 0.5 - 16.00 mm²



23038

Suits 10.00 - 95.00 mm²

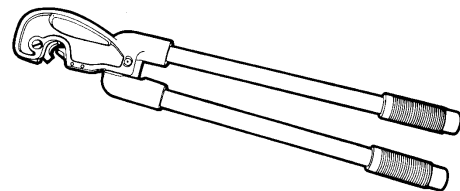


23039

Suits 35.00 - 120.00 mm²

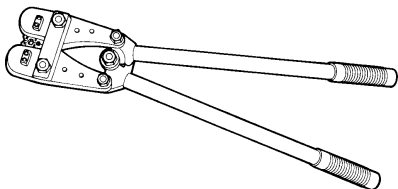
23040

Suits 10.00 - 95.00 mm²



23041

Suits 10.00 - 50.00 mm²



23042

Suits 10.00 - 120.00 mm²

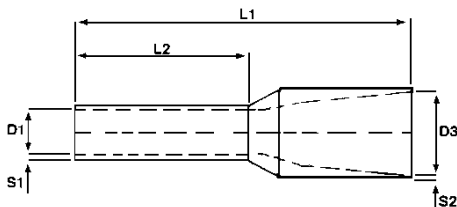


TERMINATION PRODUCTS

INSULATED FERRULES

Single Wire				
Cable Size (mm ²)	Part No	Colour	Part No	Colour
0.50	30350	White	30370	Orange
0.75	30351	Blue	30371	White
1.00	30352	Red	30372	Yellow
1.50	30353	Black	30373	Red
2.50	30354	Grey	30374	Blue
4.00	30355	Orange	30375	Grey
6.00	30356	Green	30376	Black
10.00	30357	Brown	30377	Ivory
16.00	30358	Ivory	30378	Green
25.00	30359	Black	30379	Brown
35.00	30360	Red	30380	Beige
50.00	30361	Blue	30381	Olive

Twin Wire			
Cable Size (mm ²)	Part No	Colour	L2 (mm)
2 x 0.50	30288	White	8.00
2 x 0.75	30289	Blue	8.00
2 x 0.75	30290	Blue	10.00
2 x 1.00	30291	Red	8.00
2 x 1.00	30292	Red	10.00
2 x 1.50	30293	Black	8.00
2 x 1.50	30294	Black	12.00
2 x 2.50	30295	Grey	10.00
2 x 2.50	30296	Grey	13.00
2 x 4.00	30297	Orange	12.00
2 x 6.00	30298	Green	14.00
2 x 10.00	30299	Brown	14.00
2 x 16.00	30300	Ivory	14.00



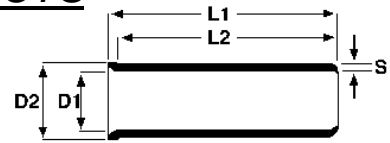
Dimensions							
mm ²	AWG	L1	L2	D1	S1	D3	S2
0.50	20	14.0	8.0	1.0	0.15	2.6	0.25
0.75	18	14.6	8.2	1.2	0.15	2.8	0.25
1.00	17	14.6	8.2	1.4	0.15	3.0	0.25
1.50	16	14.6	8.2	1.7	0.15	3.5	0.25
2.50	14	15.2	8.2	2.2	0.15	4.0	0.25
4.00	12	16.5	9.0	2.8	0.20	4.4	0.30
6.00	10	20.0	12.0	3.5	0.20	6.3	0.30
10.00	7	21.5	12.0	4.5	0.20	7.6	0.40
16.00	6	22.2	12.0	5.8	0.20	8.8	0.40
25.00	3	29.0	16.0	7.3	0.20	11.2	0.40
35.00	2	30.0	16.2	8.3	0.20	12.5	0.50
50.00	1	36.0	19.0	10.3	0.30	15.0	0.60

FERRULE ASSORTMENTS

Supplied in a Clear "Dispenser" Box

			0.50 mm ² to 2.50 mm ²		
Part No			30390	30391	
Contents	50	x 0.50	White	Orange	
	100	x 0.75	Blue	White	
	100	x 1.00	Red	Yellow	
	100	x 1.50	Black	Red	
	50	x 2.50	Grey	Blue	
			4.00 mm ² to 16.00 mm ²		
Part No			30392	30393	
Contents	50	x 4.00	Orange	Grey	
	20	x 6.00	Green	Black	
	20	x 10.00	Brown	Ivory	
	10	x 16.00	Ivory	Green	

TERMINATION PRODUCTS

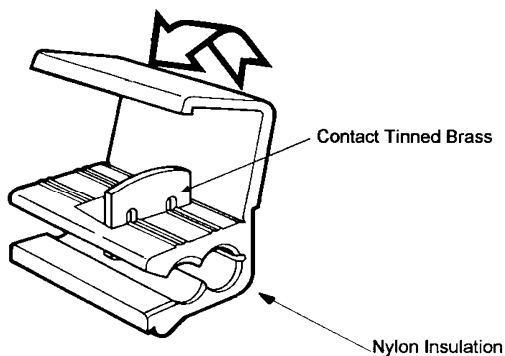


NON-INSULATED FERRULES

Part No	Cable Size		Dimensions (mm)				
	(mm ²)	AWG	L1	L2	D1	D2	S
30301	0.25	24	5	4.6	0.8	2.0	0.15
30302	0.50	20	6	5.3	1	2.1	0.15
30303	0.50	20	10	9.3	1	2.1	0.15
30304	0.75	18	6	5.3	1.2	2.3	0.15
30305	0.75	18	10	9.3	1.2	2.3	0.15
30306	1.00	17	6	5.3	1.4	2.5	0.15
30307	1.00	17	10	9.3	1.4	2.5	0.15
30308	1.50	16	7	6	1.7	2.8	0.15
30309	1.50	16	10	9	1.7	2.8	0.15
30310	2.50	14	7	9	2.2	3.4	0.15
30311	2.50	14	10	9	2.2	3.4	0.15
30312	4.00	12	9	8	2.8	4	0.20
30313	4.00	12	12	11	2.8	4	0.20
30314	6.00	10	12	11	3.5	4.7	0.20
30315	6.00	10	15	14	3.5	4.7	0.20
30316	10.00	7	12	10.8	4.5	5.8	0.20
30317	10.00	7	15	13.8	4.5	5.8	0.20
30318	10.00	7	18	16.8	4.5	5.8	0.20
30319	16.00	6	12	10.5	5.8	7.5	0.20
30320	16.00	6	15	13.5	5.8	7.5	0.20
30321	16.00	6	18	16.5	5.8	7.5	0.20
30322	25.00	3	15	13	7.3	9.5	0.20
30323	25.00	3	18	16	7.3	9.5	0.20
30324	35.00	2	18	16	8.3	11	0.20
30325	50.00	1	25	22	10.3	13	0.30

SPLICE CONNECTORS

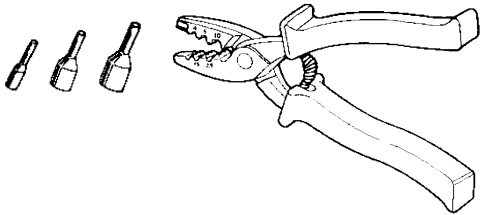
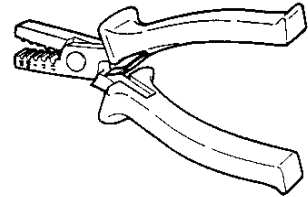
Part No	Colour	Cable size range	
		mm ²	AWG
30486	Red	0.25 – 1.0	22 – 16
30487	Blue	1.0 – 2.5	16 – 14
30488	Yellow	4 – 6	12 – 10



TERMINATION PRODUCTS

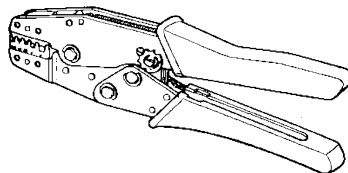
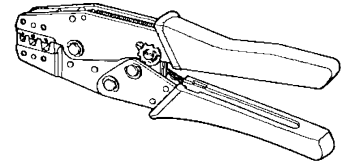
CRIMPING TOOLS

P/N 23033
Suits Ferrules: 0.5 - 2.5mm²



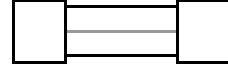
P/N 23034
Suits Ferrules: 0.75 - 10.00mm²

P/N 23035
Suits Ferrules: 6.00 - 16.00mm²



P/N 23036
Suits Ferrules: 0.5 - 6.00mm²

TERMINATION PRODUCTS



GLASS FUSES

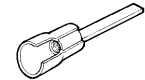
Part No	Rating		Dimensions (mm)		
	Amp	Volt	Length	Diameter	Type
36050	100mA	250V	20	5	M205
36051	250mA	250V	20	5	M205
36052	500mA	250V	20	5	M205
36053	1A	250V	20	5	M205
36054	1.6A	250V	20	5	M205
36055	2A	250V	20	5	M205
36056	3.15A	250V	20	5	M205
36057	5A	250V	20	5	M205
36058	6.3A	250V	20	5	M205
36059	10A	250V	20	5	M205
We also supply PCB and surface mount fuse clips & holders – see our Keystone catalogue for details.					
36075	100mA	250V	20	5	M205 Certified
36076	250mA	250V	20	5	M205 Certified
36077	500mA	250V	20	5	M205 Certified
36078	1A	250V	20	5	M205 Certified
36079	1.6A	250V	20	5	M205 Certified
36080	2A	250V	20	5	M205 Certified
36081	3.15A	250V	20	5	M205 Certified
36082	5A	250V	20	5	M205 Certified
36083	6.3A	250V	20	5	M205 Certified
36084	10A	250V	20	5	M205 Certified
We also supply PCB and surface mount fuse clips & holders – see our Keystone catalogue for details.					
36101	100mA	250V	31.8	6.3	3AG
36102	250mA	250V	31.8	6.3	3AG
36103	500mA	250V	31.8	6.3	3AG
36104	1A	250V	31.8	6.3	3AG
36105	1.5A	250V	31.8	6.3	3AG
36106	2A	250V	31.8	6.3	3AG
36107	3A	250V	31.8	6.3	3AG
36108	5A	250V	31.8	6.3	3AG
36109	6A	250V	31.8	6.3	3AG
36110	10A	250V	31.8	6.3	3AG
We also supply PCB and surface mount fuse clips & holders – see our Keystone catalogue for details.					
36130	100mA	250V	31.8	6.3	3AG Certified
36131	250mA	250V	31.8	6.3	3AG Certified
36132	500mA	250V	31.8	6.3	3AG Certified
36133	1A	250V	31.8	6.3	3AG Certified
36134	1.5A	250V	31.8	6.3	3AG Certified
36135	2A	250V	31.8	6.3	3AG Certified
36136	3A	250V	31.8	6.3	3AG Certified
36137	5A	250V	31.8	6.3	3AG Certified
36138	6A	250V	31.8	6.3	3AG Certified
36139	10A	250V	31.8	6.3	3AG Certified

TERMINATION PRODUCTS

BLADE TERMINALS

Flat

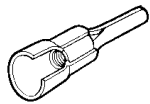
Part No	Cable Size		Blade		Insulation
	(mm ²)	AWG	Width	Length	Colour
DBL-GRIP 30659	0.5 – 1.5	22 – 16	3	10	Red
30660	1.5 – 2.5	16 - 14	2.8	9	Blue
30661	4.0 – 6.0	12 – 10	2.8	10	Yellow



Flat With Lip

30662	0.5 – 1.5	22 – 16	3	26	Red
30663	0.5 – 1.5	22 – 16	4.6	17	Red
30664	1.5 – 2.5	16 - 14	3	26	Blue
30665	1.5 – 2.5	16 – 14	4.6	17	Blue
30666	4.0 – 6.0	12 – 10	3	29	Yellow

PIN TERMINALS

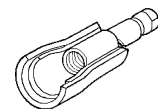


Part No		Cable Size		Insulation
PRE-INS	DBL-GRIP	(mm ²)	AWG	Colour
30479	30679	0.5 – 1.5	22 – 16	Red
30480	30680	1.5 – 2.5	16 - 14	Blue
30481	30681	4.0 – 6.0	12 – 10	Yellow

BULLET CONNECTORS

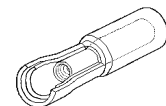
Male

Part No		Cable Size		Size	Insulation
PRE-INS	DBL-GRIP	(mm ²)	AWG	mm	Colour
-	30668	0.5 – 1.5	22 – 16	4	Red
-	30669	1.5 – 2.5	16 - 14	5	Blue
30470	30670	1.5 – 2.5	16 - 14	4	Blue
-	30671	4.0 – 6.0	12 – 10	5	Yellow



Female

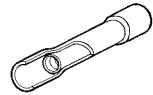
-	30672	0.5 – 1.5	22 – 16	4	Red
-	30673	1.5 – 2.5	16 - 14	5	Blue
30474	30674	1.5 – 2.5	16 - 14	4	Blue
-	30675	4.0 – 6.0	12 – 10	5	Yellow



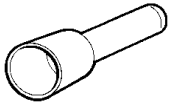
TERMINATION PRODUCTS

BUTT CONNECTORS

Part No		Cable Size		Insulation
PRE-INS	NON-INS	(mm ²)	AWG	Colour
30476	30576	0.5 – 1.5	22 – 16	Red
30477	30577	1.5 – 2.5	16 - 14	Blue
30478	30578	4.0 – 6.0	12 – 10	Yellow



CLOSED END CONNECTORS



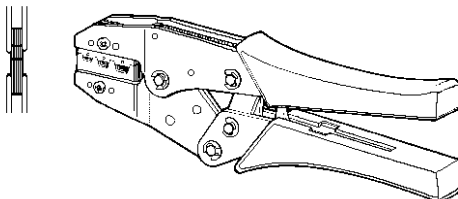
Part No	Cable Size		Insulation
	(mm ²)	AWG	Colour
30482	0.25 – 1.5	22 – 16	Natural
30483	1.5 – 2.5	16 - 14	Natural
30484	4.0 – 6.0	12 – 10	Natural
30485	8.0	8	Natural

U CONNECTOR

Part No	Cable Size		Insulation
	(mm ²)	AWG	Colour
30684	1.52	19 – 24	Clear



CRIMP TOOLS



23001

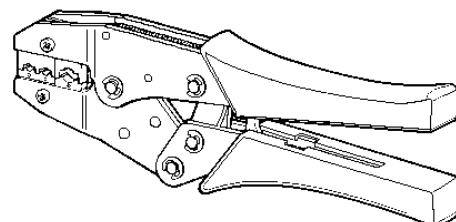


Suits Cables 0.5 - 6.00 mm²

23002



Suits Cables 0.5 - 6.00 mm²

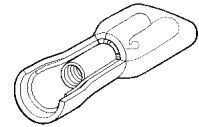


TERMINATION PRODUCTS

FULLY INSULATED QC TABS

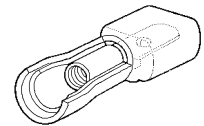
Female

Part No		Cable Size		Tab Size	Insulation
PRE-INS	DBL-GRIP	(mm ²)	AWG	mm	Colour
30408	30608	0.5 – 1.5	22 – 16	2.8	Red
30409	30609	0.5 – 1.5	22 – 16	4.8	Red
30410	30610	0.5 – 1.5	22 – 16	6.3	Red
-	30611	1.5 – 2.5	16 – 14	2.8	Blue
-	30612	1.5 – 2.5	16 – 14	4.8	Blue
30413	30613	1.5 – 2.5	16 – 14	6.3	Blue
30414	30614	4.0 – 6.0	12 – 10	6.3	Yellow



Male

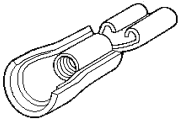
30489	-	0.5 – 1.5	22 – 16	6.3	Red
30490	-	1.5 – 2.5	16 – 14	6.3	Blue
30491	-	4.0 – 6.0	12 – 10	6.3	Yellow



PRE-INS QC TABS

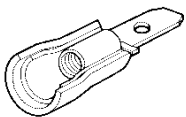
Female

Part No		Cable Size		Tab Size	Insulation
PRE-INS	DBL-GRIP	(mm ²)	AWG	mm	Colour
30401	30601	0.5 – 1.5	22 – 16	2.8	Red
30402	30602	0.5 – 1.5	22 – 16	4.8	Red
30403	30603	0.5 – 1.5	22 – 16	6.3	Red
-	30604	1.5 – 2.5	16 – 14	2.8	Blue
30405	30605	1.5 – 2.5	16 – 14	4.8	Blue
30406	30606	1.5 – 2.5	16 – 14	6.3	Blue
30407	30607	4.0 – 6.0	12 – 10	6.3	Yellow



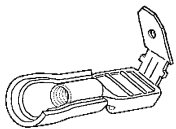
Male

30418	30618	0.5 – 1.5	22 – 16	6.3	Red
30419	30619	1.5 – 2.5	16 – 14	6.3	Blue
30420	30620	4.0 – 6.0	12 – 10	6.3	Yellow



Piggy Back

30415	30615	0.5 – 1.5	22 – 16	6.3	Red
30416	30616	1.5 – 2.5	16 – 14	6.3	Blue
30417	30617	4.0 – 6.0	12 – 10	6.3	Yellow



Quick Connect Brass Terminals

Part No	Cable Size		Tab Size
30588	0.5 – 2.5	22-14	2.8
30589	0.5 – 2.5	22-14	4.8
30590	0.5 – 2.5	22-14	6.3

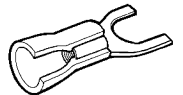


Part No	Cable Size		Tab Size
30586	0.5 – 2.5	22-14	2.5
30587	0.5 – 2.5	22-14	6.3

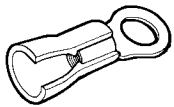
TERMINATION PRODUCTS

SPADE TERMINALS

Part No			Cable Size		Screw size		Insulation
NON-INS	PRE-INS	DBL-GRIP	(mm ²)	AWG	mm	Imp.	Colour
30521	30421	30621	0.5 – 1.5	22 – 16	3.5	#6	Red
30522	30422	30622	0.5 – 1.5	22 – 16	4.0	#8	Red
30523	30423	30623	0.5 – 1.5	22 – 16	5.0	#10	Red
30524	30424	30624	0.5 – 1.5	22 – 16	6.0	.250"	Red
30525	30425	30625	1.5 – 2.5	16 - 14	3.5	#6	Blue
30526	30426	30626	1.5 – 2.5	16 – 14	4.0	#8	Blue
30527	30427	30627	1.5 – 2.5	16 - 14	5.0	#10	Blue
30528	30428	30628	1.5 – 2.5	16 – 14	6.0	.250"	Blue
30529	-	30629	4.0 – 6.0	12 – 10	3.5	#6	Yellow
30530	-	30630	4.0 – 6.0	12 – 10	4.0	#8	Yellow
30531	-	30631	4.0 – 6.0	12 – 10	5.0	#10	Yellow
30532	30432	30632	4.0 – 6.0	12 – 10	6.0	.250"	Yellow



RING TERMINALS



Part No			Cable Size		Screw size		Insulation
NON-INS	PRE-INS	DBL-GRIP	(mm ²)	AWG	mm	Imp.	Colour
30533	30433	30633	0.5 – 1.5	22 – 16	3.5	#6	Red
30534	30434	30634	0.5 – 1.5	22 – 16	4.0	#8	Red
30535	30435	30635	0.5 – 1.5	22 – 16	5.0	#10	Red
30536	30436	30636	0.5 – 1.5	22 – 16	6.0	.250"	Red
30537	30437	30637	0.5 – 1.5	22 – 16	8.0	.312"	Red
30538	-	30638	0.5 – 1.5	22 – 16	10.0	.375"	Red
30539	30439	30639	1.5 – 2.5	16 - 14	3.5	#6	Blue
30540	30440	30640	1.5 – 2.5	16 – 14	4.0	#8	Blue
30541	30441	30641	1.5 – 2.5	16 - 14	5.0	#10	Blue
30542	30442	30642	1.5 – 2.5	16 – 14	6.0	.250"	Blue
30543	30443	30643	1.5 – 2.5	16 – 14	8.0	.312"	Blue
30544	-	30644	1.5 – 2.5	16 - 14	10.0	.375"	Blue
30545	-	30645	1.5 – 2.5	16 – 14	13.0	.500"	Blue
30549	-	30649	4.0 – 6.0	12 – 10	3.5	#6	Yellow
30550	-	30650	4.0 – 6.0	12 – 10	4.0	#8	Yellow
30551	-	30651	4.0 – 6.0	12 – 10	5.0	#10	Yellow
30552	30452	30652	4.0 – 6.0	12 – 10	6.0	.250"	Yellow
30553	30453	30653	4.0 – 6.0	12 – 10	8.0	.312"	Yellow
30554	30454	30654	4.0 – 6.0	12 – 10	10.0	.375"	Yellow
30555	30455	30655	4.0 – 6.0	12 – 10	13.0	.500"	Yellow



TERMINATION PRODUCTS

P.C.B. Terminal Blocks

Solder Mount – Modular Interlocks (5.00mm)

Part No	Poles	Cable Size (mm ²)	Voltage Rating	Current Rating	Housing
31602	2	0.25 – 2.5	250V	12A	Green
31603	3	0.25 – 2.5	250V	12A	Green

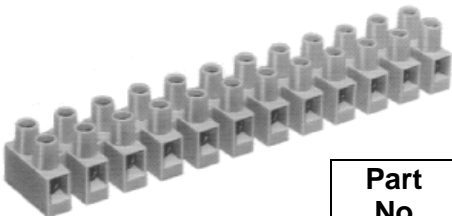


Pluggable – Modular Interlocks (5.00mm)

Part No	Poles	Cable Size (mm ²)	Voltage Rating	Current Rating	Housing
31632	2	0.25 – 1.5	250V	10A	Blue
31633	3	0.25 – 1.5	250V	10A	Blue
Header Strip					
31624	24	-	250V	10A	Black

Standard Terminal Blocks

Part No	Poles	Cable Size (mm ²)	Voltage Rating	Current Rating	Housing	Wire Protection Flap
31610	12	1.5	450V	15A	Nylon 66	No
31611	12	1.5	450V	15A	Nylon 66	Yes
31612	12	2.5	450V	20A	Nylon 66	No
31613	12	2.5	450V	20A	Nylon 66	Yes
31614	12	6.0	500V	40A	Nylon 66	No
31615	12	6.0	500V	40A	Nylon 66	Yes
31616	12	10.0	500V	50A	Nylon 66	No
31617	12	10.0	500V	50A	Nylon 66	Yes



Part No	Poles	Cable Size (mm ²)	Voltage Rating	Current Rating	Wire Protection Flap	Housing
31618	12	1.5	450V	15A	No	Nylon 66
31619	12	1.5	450V	15A	Yes	Nylon 66
31620	12	2.5	450V	20A	No	Nylon 66
31621	12	2.5	450V	20A	Yes	Nylon 66
31625	12	2.5	400V	6A	No	Polyethylene
31626	12	4.0	400V	10A	No	Polyethylene
31627	12	6.0	400V	16A	No	Polyethylene
31628	12	10.0	400V	32A	No	Polyethylene

TERMINATION PRODUCTS

Power Sockets

IEC Panel Mount

Part No	Terminal	Voltage Rating	Current Rating	Mounting Type	Illustration
31676	6.3mm QD Tab	250VAC	10A	Screw	
31677	4.8mm QD Tab / Solder	250VAC	10A	Screw	
31678	2.5mm Solder Tab	250VAC	10A	Screw	
31681	6.3mm QD Tab	250VAC	10A	Push In	
31682	4.8mm QD Tab / Solder	250VAC	10A	Push In	
31683	2.5mm Solder Tab	250VAC	10A	Push In	
31684	6.3mm QD Tab	250VAC	10A	Screw	
31688	4.8mm QD Tab / Solder	250VAC	10A	Screw	
31689	2.5mm Solder Tab	250VAC	10A	Screw	
31691	6.3mm QD Tab W/- Fuseholder	250VAC	10A	Screw	
31687	4.8mm QD Tab / Solder W/- Fuseholder	250VAC	10A	Screw	
31690	2.5mm Solder Tab W/- Fuseholder	250VAC	10A	Screw	
31692	6.3mm QD Tab W/- Fuseholder	250VAC	10A	Push In	
31693	4.8mm QD Tab / Solder W/- Fuseholder	250VAC	10A	Push In	
31694	2.5mm Solder Tab W/- Fuseholder	250VAC	10A	Push In	
31674	4.8mm QD Tab / Solder W/- Fuseholder W/- Power Switch	250VAC	10A	Push In	

Other terminations and styles are available contact sales department for more information.

All types have safety approvals from, UL, CSA, VDE, SEV, DEMKO, NEMKO, SEMKO, FINKO.



All products on this page are RoHS compliant.

Contact sales department for full specification sheets.

TERMINATION PRODUCTS

Power Sockets

NEMA 5-15R US Outlets

Part No	Terminal	Voltage Rating	Current Rating	Mounting Type	Illustration
31679	4.8mm QD Tab / Solder	125VAC	15A	Push In	
31680	V Slotted for AWG 14 Solid Wire	125VAC	15A	Push In	
31675	V Slotted for AWG 12 & 14 Solid Wire – Feed Through	125VAC	13A/15A	Push In	

Other terminations and styles are available contact sales department for more information.

All types have safety approvals from, UL, CSA.

All products on this page are RoHS compliant.

Contact sales department for full specification sheets.

**Our
Website
is a
Convenient
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Product
Information
you need**

www.npa.com.au
www.npa.com.au

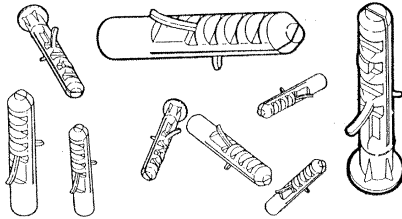
FASTENERS

- 3-1 Anchors - Standard Nylon Wall
- 3-2 Anchors - Cavity Fixing Nylon Wall
- 3-3 Post & Screw Assemblies Standard
- 3-4 Post & Screw Assemblies Standard
- 3-5 Post & Screw Assemblies Standard
- 3-6 Post & Screw Assemblies Large Head
- 3-7 Post & Screw Assemblies Small Dia, & Ext Screws
- 3-8 Ratchet Assembly Post & Screws
- 3-9 Pop Rivets
- 3-10 Push Rivets

FASTENERS

ES SERIES IN NYLON 6

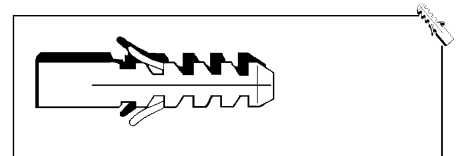
STANDARD NYLON ANCHORS FOR SCREW FIXING IN ALL SUPPORTING MATERIALS



TYPICAL APPLICATIONS

- ✿ CONCRETE
- ✿ BRICKWORK
- ✿ BLOCK WORK
- ✿ ALL COMPACT MATERIALS

- ✿ FASTENING WITH WOOD SCREWS
- ✿ EQUIPPED WITH ANTI-ROTATION FINES
- ✿ TEMPERATURE RESISTANT FROM -40°C TO +100°C
- ✿ SELF CENTRING INTERNAL SCREW GUIDE
- ✿ EXTERNAL FLANGE TO COVER POSSIBLE DRILL HOLE CHIPPING
- ✿ PULLOUT VALUES MEET SPECIFICATIONS OF MOST COMMON DEMANDS
- ✿ PRODUCTS ARE MANUFACTURED WITH HIGH PRECISION MOLDS AND MATERIALS MEET MIL AND UL STANDARDS



ANCHOR TYPE	PART NUMBER		Ø DRILL (mm)	ANCHOR LENGTH (mm)	Ø ANCHOR (mm)	DEPTH DRILL-HOLE (mm)	Ø WOOD SCREW (mm)
	WITH LIP	NO LIP					
ES4	-	12001	4	20	4	30	2 - 3
ES5	12012	12002	5	25	5	35	2.5 - 4
ES6	12013	12003	6	30	6	40	3.5 - 4
ES7	12014	12004	7	30	7	40	4.5 - 5
ES8	12015	12005	8	40	8	55	4.5 - 6
ES10	12016	12006	10	50	10	65	6 - 8
ES12	12017	12007	12	60	12	75	8 - 10
ES14	-	12008	14	80	14	100	10 - 12

RECOMMENDED SAFE WORKING LOADS in Kn = Kilonewton (1Kn = 100 Kg) (Using maximum screw diameter suggested)								
Material	ES4	ES5	ES6	ES7	ES8	ES10	ES12	ES14
Cement R250	0.78	2.0	3.3	3.9	4.7	9.5	11.5	19
Full Brick	0.52	1.85	2.6	3.3	4.2	4.5	4.4	
Perforated Brick	0.42	1.25	2.3	2.7	3.2	4.7	4.9	
Lightweight Cement 50	0.19	0.75	0.9	1.1	1.4	3.3	3.9	
Lightweight Cement 55	0.10	0.65	0.9	1.0	1.1	1.9	3.3	

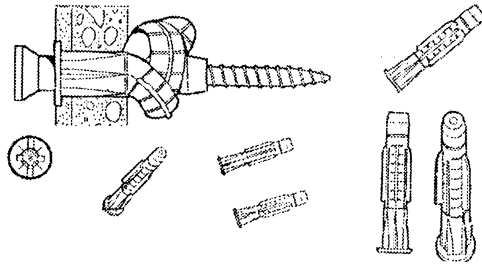
IMPORTANT : A good rule is to consider an adequate safety coefficient.

FASTENERS

TPF SERIES

A LIGHT DUTY CAVITY FIXING KNOTTING ANCHOR

FIXING WITH SCREWS & HOOKS IN:



- ✿ SHALLOW CAVITIES
LIGHTWEIGHT BLOCK WORK
PERFORATED BRICK
PLASTERBOARDS PLYWOOD
- ✿ COMPACT MATERIAL
CONCRETE
BRICKS
SEMI FULL BRICKS ETC.....

- ✿ GREATER EXPANSION AND GRIP IN COMPACT MATERIAL
- ✿ OVERCOMES PROBLEM OF HOLLOW SPACE CAVITY FIXINGS
- ✿ ANCHORS KNOTTING TAKES PLACE BY RETRACTION OF PLUG ONTO THE SCREW

ANCHOR TYPE	PART NUMBER	∅ DRILL (mm)	ANCHOR LENGTH (mm)	∅ ANCHOR (mm)	DEPTH DRILL-HOLE (mm)	∅ WOOD SCREW (mm)	TPF SERIES
6 x 37	12021	6	37	6	40	4 - 5	NO LIP
8 x 50	12022	8	50	8	55	5 - 6	NO LIP
10 x 60	12023	10	60	10	65	6 - 8	NO LIP
6 x 38	12026	6	38	6	40	4 - 5	WITH LIP
8 x 51	12027	8	51	8	55	5 - 6	WITH LIP
10 x 61	12028	10	61	10	65	6 - 8	WITH LIP

IMPORTANT: IN CAVITY FIXING IT IS IMPORTANT TO TURN THE SCREW AN ADDITIONAL 1 OR 2 TIMES TO ENSURE COMPLETE KNOTTING OF THE ANCHOR AND ADEQUATE FIXING IN THE HOLLOW SPACE.

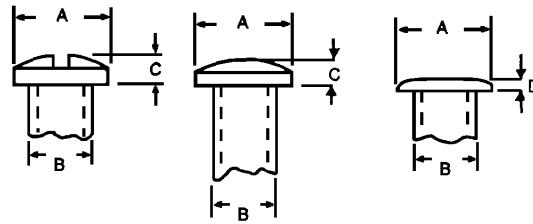
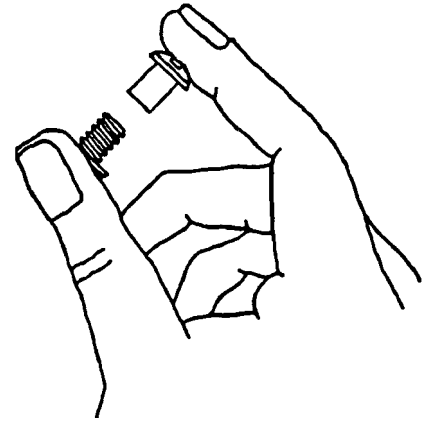
PLASTIC SCREW ANCHORS

PART NUMBER	Dia	Length	For Screw
12031	5mm	19mm	3.0mm
12032	6mm	22mm	4.0mm
12033	8mm	26mm	5.0mm
12034	10mm	34mm	6.0mm



Rapid Assembly Post and Screw

FASTENERS



A = 9.5mm B = 6.1mm C = 2.5mm D = 1.0mm

Bind together punched papers, fabric swatches key cases and a multitude of other objects. Post and Screw packaged separately in bulk bags. Rapid Assembly Posts are manufactured in polyethylene. Rapid Assembly Screws are manufactured in nylon.

Part Number	Headstyle	Colour	Length
12494	Binder Slotted	White	4.75mm (3/16")
12495	Binder Unslotted	White	4.75mm (3/16")
12496	Thin Unslotted	White	4.75mm (3/16")
12497	Binder Slotted	Black	4.75mm (3/16")
12498	Binder Unslotted	Black	4.75mm (3/16")
12499	Thin Unslotted	Black	4.75mm (3/16")
12501	Binder Slotted	White	6.4mm (1/4")
12502	Binder Unslotted	White	6.4mm (1/4")
12503	Thin Unslotted	White	6.4mm (1/4")
12504	Binder Slotted	Black	6.4mm (1/4")
12505	Binder Unslotted	Black	6.4mm (1/4")
12506	Thin Unslotted	Black	6.4mm (1/4")
12507	Binder Slotted	White	9.5mm (3/8")
12508	Binder Unslotted	White	9.5mm (3/8")
12509	Thin Unslotted	White	9.5mm (3/8")
12510	Binder Slotted	Black	9.5mm (3/8")
12511	Binder Unslotted	Black	9.5mm (3/8")
12512	Thin Unslotted	Black	9.5mm (3/8")
12513	Binder Slotted	White	12.7mm (1/2")
12514	Binder Unslotted	White	12.7mm (1/2")
12515	Thin Unslotted	White	12.7mm (1/2")
12516	Binder Slotted	Black	12.7mm (1/2")
12517	Binder Unslotted	Black	12.7mm (1/2")
12518	Thin Unslotted	Black	12.7mm (1/2")

FASTENERS

No Special Tools Required ...



SIMPLY PRESS
TOGETHER FOR FAST
EASY ASSEMBLY

- ◆ 6.4mm length screw used with 6.4mm post
- ◆ 17.5mm length screw used with 22 - 50mm post
- ◆ 9.5mm length screw used with 9.5 - 19mm post

Part Number	Headstyle	Colour	Length
12519	Binder Slotted	White	19mm (3/4")
12520	Binder Unslotted	White	19mm (3/4")
12521	Thin Unslotted	White	19mm (3/4")
12522	Binder Slotted	Black	19mm (3/4")
12523	Binder Unslotted	Black	19mm (3/4")
12524	Thin Unslotted	Black	19mm (3/4")
12525	Binder Slotted	White	22mm (7/8")
12526	Binder Unslotted	White	22mm (7/8")
12527	Thin Unslotted	White	22mm (7/8")
12528	Binder Slotted	Black	22mm (7/8")
12529	Binder Unslotted	Black	22mm (7/8")
12530	Thin Unslotted	Black	22mm (7/8")
12531	Binder Slotted	White	25mm (1")
12532	Binder Unslotted	White	25mm (1")
12533	Thin Unslotted	White	25mm (1")
12534	Binder Slotted	Black	25mm (1")
12535	Binder Unslotted	Black	25mm (1")
12536	Thin Unslotted	Black	25mm (1")
12537	Binder Slotted	White	32mm (1 1/4")
12538	Binder Unslotted	White	32mm (1 1/4")
12539	Thin Unslotted	White	32mm (1 1/4")
12540	Binder Slotted	Black	32mm (1 1/4")
12541	Binder Unslotted	Black	32mm (1 1/4")
12542	Thin Unslotted	Black	32mm (1 1/4")

FASTENERS

No Special Tools Required ...



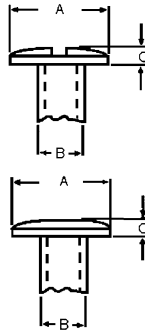
SIMPLY PRESS
TOGETHER FOR FAST
EASY ASSEMBLY

- ◆ 6.4mm length screw used with 6.4mm post
- ◆ 17.5mm length screw used with 22 - 50mm post
- ◆ 9.5mm length screw used with 9.5 - 19mm post

Part Number	Headstyle	Colour	Length
12543	Binder Slotted	White	35mm (1 3/8")
12544	Binder Unslotted	White	35mm (1 3/8")
12545	Thin Unslotted	White	35mm (1 3/8")
12546	Binder Slotted	Black	35mm (1 3/8")
12547	Binder Unslotted	Black	35mm (1 3/8")
12548	Thin Unslotted	Black	35mm (1 3/8")
12549	Binder Slotted	White	38mm (1 1/2")
12550	Binder Unslotted	White	38mm (1 1/2")
12551	Thin Unslotted	White	38mm (1 1/2")
12552	Binder Slotted	Black	38mm (1 1/2")
12553	Binder Unslotted	Black	38mm (1 1/2")
12554	Thin Unslotted	Black	38mm (1 1/2")
12555	Binder Slotted	White	45mm (1 3/4")
12556	Binder Unslotted	White	45mm (1 3/4")
12557	Thin Unslotted	White	45mm (1 3/4")
12558	Binder Slotted	Black	45mm (1 3/4")
12559	Binder Unslotted	Black	45mm (1 3/4")
12560	Thin Unslotted	Black	45mm (1 3/4")
12561	Binder Slotted	White	50mm (2")
12562	Binder Unslotted	White	50mm (2")
12563	Thin Unslotted	White	50mm (2")
12564	Binder Slotted	Black	50mm (2")
12565	Binder Unslotted	Black	50mm (2")
12566	Thin Unslotted	Black	50mm (2")

FASTENERS

Larger Head Diameter



Rapid Assembly Posts are manufactured in POLYETHYLENE. Rapid Assembly Screws are manufactured in NYLON

Large 14mm (9/16") diameter head helps prevent the head from being pulled through soft materials. Bind together punched papers, fabric swatches, key cases and a multitude of other objects.

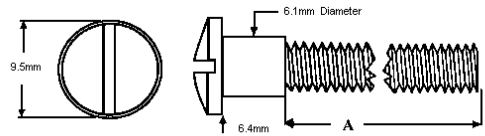
A = 14.3mm B = 6.1mm C = 2.5mm

6.4mm length screw used with 6.4mm post, 9.5mm length screw used with 9.5 -19mm post, 17.5mm length screw used with 25.4 - 50mm post

Part Number	Headstyle	Colour	Length
12601	Binder Slotted	White	6.4mm (1/4")
12602	Binder Slotted	Black	6.4mm (1/4")
12603	Binder Unslotted	White	6.4mm (1/4")
12604	Binder Unslotted	Black	6.4mm (1/4")
12605	Binder Slotted	White	9.5mm (3/8")
12606	Binder Slotted	Black	9.5mm (3/8")
12607	Binder Unslotted	White	9.5mm (3/8")
12608	Binder Unslotted	Black	9.5mm (3/8")
12609	Binder Slotted	White	12.7mm (1/2")
12610	Binder Slotted	Black	12.7mm (1/2")
12611	Binder Unslotted	White	12.7mm (1/2")
12612	Binder Unslotted	Black	12.7mm (1/2")
12613	Binder Slotted	White	19mm (3/4")
12614	Binder Slotted	Black	19mm (3/4")
12615	Binder Unslotted	White	19mm (3/4")
12616	Binder Unslotted	Black	19mm (3/4")
12617	Binder Slotted	White	25.4mm (1")
12618	Binder Slotted	Black	25.4mm (1")
12619	Binder Unslotted	White	25.4mm (1")
12620	Binder Unslotted	Black	25.4mm (1")
12621	Binder Slotted	White	32mm (1 1/4")
12622	Binder Slotted	Black	32mm (1 1/4")
12623	Binder Unslotted	White	32mm (1 1/4")
12624	Binder Unslotted	Black	32mm (1 1/4")
12625	Binder Slotted	White	35mm (1 3/8")
12626	Binder Slotted	Black	35mm (1 3/8")
12627	Binder Unslotted	White	35mm (1 3/8")
12628	Binder Unslotted	Black	35mm (1 3/8")
12629	Binder Slotted	White	38mm (1 1/2")
12630	Binder Slotted	Black	38mm (1 1/2")
12631	Binder Unslotted	White	38mm (1 1/2")
12632	Binder Unslotted	Black	38mm (1 1/2")
12633	Binder Slotted	White	45mm (1 3/4")
12634	Binder Slotted	Black	45mm (1 3/4")
12635	Binder Unslotted	White	45mm (1 3/4")
12636	Binder Unslotted	Black	45mm (1 3/4")
12637	Binder Slotted	White	50mm (2")
12638	Binder Slotted	Black	50mm (2")
12639	Binder Unslotted	White	50mm (2")
12640	Binder Unslotted	Black	50mm (2")

FASTENERS

Extension Screws



Part Number	"A"	Part Number	"A"
White		Black	
12721	9.5mm (3/8")	12722	9.5mm (3/8")
12723	12.7mm (1/2")	12724	12.7mm (1/2")
12725	16mm (5/8")	12726	16mm (5/8")
12727	25.4mm (1")	12728	25.4mm (1")

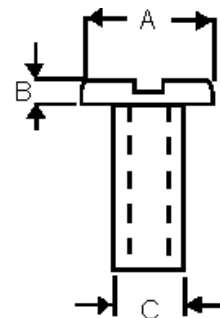
Extension screws will extend any length post by a further 1/4". Extension screws can be shipped separately or can be substituted for the standard screws normally shipped with the Rapid Assembly Post and Screw set. Call for pricing for substitutions.

Smaller Diameter Posts

Slotted Binder Headstyle

A = 9.5mm B = 1.8mm C = 5.2mm

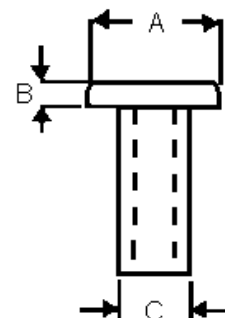
Part Number	Colour	Length
12701	White	6.4mm (1/4")
12702	Black	6.4mm (1/4")
12703	White	9.5mm (3/8")
12704	Black	9.5mm (3/8")
12705	White	12.7mm (1/2")
12706	Black	12.7mm (1/2")
12707	White	19mm (3/4")
12708	Black	19mm (3/4")
12709	White	22mm (7/8")
12710	Black	22mm (7/8")



Unslotted Binder Headstyle

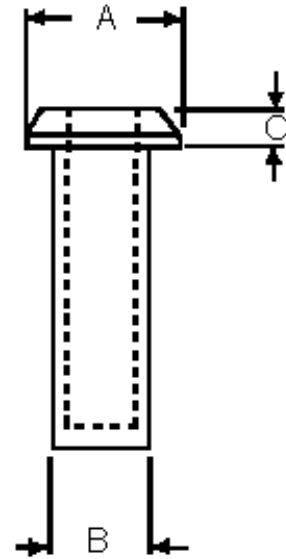
A = 9.5mm B = 1.8mm C = 5.2mm

Part Number	Colour	Length
12711	White	25.4mm (1")
12712	Black	25.4mm (1")
12713	White	50.8mm (2")
12714	Black	50.8mm (2")



FASTENERS

Ratchet Assembly Post and Screw



RACHET ASSEMBLY POST AND SCREW ARE NOT INTENDED FOR APPLICATIONS REQUIRING A REUSABLE FASTENER

A = 9.5mm B = 6.1mm C = 2.5mm

Ratchet assembly post and screw offer a more secure assembly than our rapid assembly post and screw. Ratchet assembly post and screw feature screws with serrated pins which allow variable assembly.

Simply press together for fast easy assembly. Parts ratchet together automatically to secure flat panels, punched papers, fabric swatches, key cases, calendars, catalogues, cardboard panels and a variety of other objects.

Ratchet assembly post and screw are supplied in a rugged polypropylene making them useful for corrosive environments. They will not mark or mar most surfaces. Parts are stocked in black or white.

Part Number	Colour	Length	Part Number	Colour	Length
12751	Black	6.4mm (1/4")	12752	White	6.4mm (1/4")
12753	Black	9.5mm (3/8")	12754	White	9.5mm (3/8")
12755	Black	12.7mm (1/2")	12756	White	12.7mm (1/2")
12757	Black	19mm (3/4")	12758	White	19mm (3/4")

FASTENERS

POP RIVETS NYLON

Part No.				Dia. (mm)	Panel Thickness (mm)	Tensile Strength	Shear Strength
Black	White	Black U.V.	White U.V.				
12401	12402	12801	12802	3.2	1.0 – 3.5	12kg	20kg
12405	12406	12805	12806	3.2	3.5 – 6.5		
12409	12410	12809	12810	3.2	6.5 – 9.5		
12413	12414	12813	12814	4.0	1.0 – 3.5	18kg	25kg
12417	12418	12817	12818	4.0	3.5 – 6.0		
12421	12422	12821	12822	4.0	6.0 – 9.0		
12425	12426	12825	12826	4.8	1.5 – 4.5	28kg	40kg
12429	12430	12829	12830	4.8	4.5 – 7.5		
12433	12434	12833	12834	4.8	7.5 – 10.5		
12437	12438	12837	12838	5.6	2.0 – 5.0	40kg	65kg
12441	12442	12841	12842	5.6	5.0 – 8.0		
12445	12446	12845	12846	5.6	8.0 – 11.5		

Also available in assorted colours call for details

Nylon pop rivets work like normal aluminium rivets plus give protection against corrosion and electrical hazard.

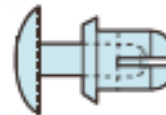


FASTENERS

PUSH RIVETS NYLON

Part No.		Dia. (mm)	Panel Thickness (mm)
Black	White		
12230	12231	2.0	0.6 – 1.2
12232	12233	2.0	1.3 – 2.0
12234	12235	2.0	2.1 – 2.8
12236	12237	2.0	2.9 – 3.6
12238	12239	2.0	3.7 – 4.4
12240	12241	2.0	4.4 – 5.0
12242	12243	2.5	1.0 – 2.0
12244	12245	2.5	2.0 – 3.0
12246	12247	2.5	2.7 – 3.6
12248	12249	2.5	3.4 – 4.3
12250	12251	2.5	4.3 – 5.2
12252	12253	2.5	5.1 – 6.0
12254	12255	3.0	1.0 – 2.0
12256	12257	3.0	2.0 – 4.0
12258	12259	3.0	3.0 – 4.0
12260	12261	3.0	4.0 – 5.0
12262	12263	3.0	5.0 – 6.0
12264	12265	3.0	5.5 – 6.5
12266	12267	3.0	6.5 – 7.5
12268	12269	3.0	7.5 – 8.5
12270	12271	3.5	1.2 – 2.1
12272	12273	3.5	2.1 – 3.0
12274	12275	3.5	2.7 – 3.6
12276	12277	3.5	3.0 – 4.0
12278	12279	3.5	3.7 – 4.6
12280	12281	3.5	4.5 – 5.5
12282	12283	3.5	5.5 – 6.5
12284	12285	4.0	2.4 – 3.4
12286	12287	4.0	3.5 – 4.5
12288	12289	4.0	4.5 – 5.5
12290	12291	4.0	5.5 – 6.5
12292	12293	4.0	6.5 – 7.5
12294	12295	4.0	7.5 – 8.5
12296	12297	4.0	9.0 – 10.5
12298	12299	5.0	1.5 – 3.5
12300	12301	5.0	2.5 – 3.5
12302	12303	5.0	3.5 – 4.5
12304	12305	5.0	4.5 – 5.5
12306	12307	5.0	5.5 – 6.5
12308	12309	5.0	6.5 – 7.5
12310	12311	5.0	7.5 – 8.5
12312	12313	6.0	2.5 – 4.0
12314	12315	6.0	3.5 – 5.5
Also available in other colours - call for quotation			

Nylon Push Rivets are an economical, reusable method of securing parts together.



To use simply place rivet into pre-drilled hole and push head to secure. Lift head to unsecure and remove, rivets can be re-used.



Nylon Push Rivets resist corrosion and provide electrical protection.

**Our
Website
Keeps you up
to date with
New Products
as they
become
available**

www.npa.com.au
www.npa.com.au

PLUGS, BUSHINGS, & SPACERS

- 4-1 Metric Hole Plugs / Rubber Grommets
- 4-2 Taper Caps
- 4-3 Tube Plugs / Universal Bushing
- 4-4 Vinyl End Caps
- 4-5 PCB Supports
- 4-6 Tapped Spacers – Metric Round & Hex
- 4-7 Tapped Spacers / Standoffs – Metric Hex
- 4-8 Self Adhesive Bumpers

PLUGS, BUSHINGS & SPACERS

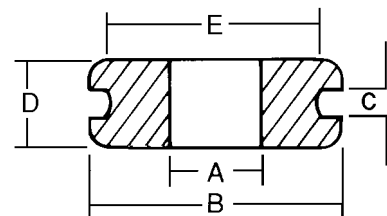
METRIC PRY OUT PLUGS

- * DESIGNED TO SNAP INTO UNUSED HOLES, CAN BE REMOVED AND REUSED AS NECESSARY.
- * MANUFACTURED IN NATURAL NYLON 6/6, CAN ALSO BE SUPPLIED IN BLACK.
- * PLUGS FEATURE A BINDER HEAD STYLE WITH A MATTE FINISH.
- * AVAILABLE IN 11 POPULAR SIZES

Part No		Mounting Hole Dia (mm)	Panel Thickness (mm)	Head Dia (mm)	Head Height (mm)
Nat.	Blk.				
41820	41840	6.0	0.8 / 1.6	10.0	2.0
41821	41841	8.0	0.8 / 3.5	12.0	2.0
41822	41842	10.0	0.8 / 3.5	14.0	2.0
41823	41843	12.0	0.8 / 3.5	16.0	2.0
41824	41844	14.0	0.8 / 3.5	18.0	2.0
41825	41845	16.0	0.8 / 3.5	20.0	2.0
41826	41846	18.0	0.8 / 4.0	22.0	2.0
41827	41847	20.0	0.8 / 4.0	26.0	2.0
41828	41848	22.0	0.8 / 4.0	27.8	2.0
41829	41849	24.0	0.8 / 4.0	28.0	2.0
41830	41850	26.0	0.8 / 4.0	30.0	2.0

RUBBER GROMMETS

Part No	"A" mm	"B" mm	"C" mm	"D" mm	"E" mm
40710	3.0	8.5	1.7	4.7	6.0
40711	5.0	10.2	1.7	4.4	7.2
40712	6.4	13.3	1.7	6.3	10.0
40716	10.5	19.5	3.4	6.4	13.9
40713	15.0	23.0	1.5	6.5	20.0
40714	18.0	31.0	1.5	8.0	25.0
40715	25.0	38.1	1.5	7.8	31.7
Closed (Blanking Grommet)					
40720	-	23.0	1.5	6.5	20.0
40721	-	31.0	1.5	8.0	25.0
40722	-	8.5	1.7	4.7	6.0
40723	-	10.2	1.7	4.4	7.2
40724	-	13.3	1.7	6.3	10.0
40725	-	19.5	3.4	6.4	13.9
40726	-	38.1	1.5	7.8	31.7

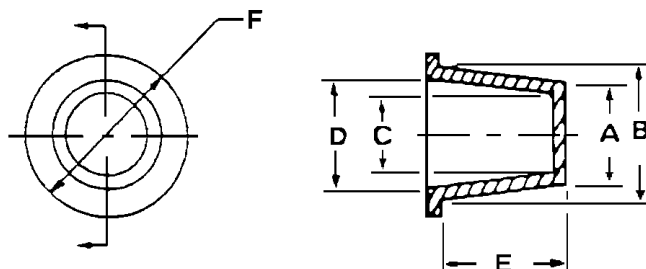


PLUGS, BUSHINGS & SPACERS

TAPER CAPS

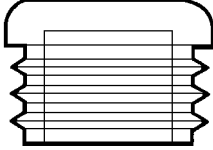
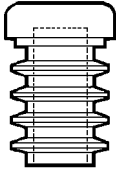
- * DESIGNED TO PROVIDE SUPERIOR PROTECTION AGAINST CONTAMINANTS
- * COST EFFECTIVE PROTECTION FOR TUBING, THREADS AND OTHER MACHINED PARTS.
- * USE AS SHIPPING AND STORAGE PROTECTORS, PAINT MASKS, DUST AND MOISTURE BARRIERS.
- * STANDARD COLOUR RED
- * LOW DENSITY POLYETHYLENE.

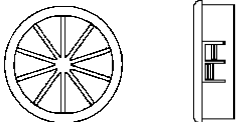
PART No	"A" mm	"B" mm	"C" mm	"D" mm	"E" mm	"F" mm
41851	2.95	4.62	1.35	3.05	9.65	7.87
41852	3.68	5.21	2.01	3.81	9.65	10.42
41853	4.39	6.10	2.82	4.50	9.65	9.65
41854	4.75	6.37	3.15	4.98	8.76	9.45
41855	5.31	6.76	3.76	5.38	8.81	11.05
41856	5.99	7.67	4.42	6.10	9.65	11.18
41857	7.59	9.27	5.97	7.67	9.65	12.70
41858	8.38	10.06	6.78	8.46	9.65	13.46
41859	9.17	10.85	7.57	9.27	9.65	14.22
41860	10.64	12.32	9.04	10.72	9.65	16.00
41861	11.96	13.89	10.39	12.32	11.18	17.53
41862	13.51	15.44	11.89	13.84	11.18	19.05
41863	13.97	16.03	12.37	14.43	11.94	19.05
41864	14.73	16.94	13.16	15.37	12.70	20.57
41865	16.26	18.47	14.68	16.87	12.70	22.35
41866	17.53	20.02	15.95	18.44	14.22	23.88
41867	19.05	21.54	17.45	19.94	14.22	25.40
41868	22.02	24.66	20.50	23.11	18.16	28.70
41869	24.49	27.69	22.89	26.09	19.05	31.75
41870	27.89	30.91	26.31	29.34	17.98	38.02
41871	29.85	32.61	28.27	31.04	16.00	36.58
41872	9.91	11.58	8.31	10.01	9.65	14.99
41873	20.70	23.62	19.13	22.05	16.00	27.69
41874	50.34	53.72	48.23	51.41	24.46	56.13



PLUGS, BUSHINGS & SPACERS

TUBE PLUGS


SQUARE INTERNAL PLUGS		<p>Designed for use with metal tubing having a wall thickness of 1.6mm.</p> 
Part No.	Fits Tube Size	
41710	1/2"	
41711	5/8"	
41712	3/4"	
41713	20mm	
41714	7/8"	
41715	1"	
41716	30mm	
41717	1 1/4"	
41718	1 1/2"	
41719	2"	
RECTANGLE INTERNAL PLUGS		
Part No.	Fits Tube Size	
41740	1" X 1/2"	
41741	1 3/8" X 3/4"	
41742	1 1/2" X 1"	
41743	50mm X 20mm	
41744	50mm X 25mm	
ROUND INTERNAL PLUGS		
Part No.	Fits Tube Size	
41761	1/2"	
41762	5/8"	
41763	3/4"	
41764	7/8"	
41765	1"	
41766	1 1/8"	
41767	30mm	
41768	1 1/4"	
41769	1 3/8"	
41770	1 1/2"	
41771	1-3/4"	
41774	3"	

UNIVERSAL BUSHING		
Part No.	Fits Hole Size	
41001	32mm	

PLUGS, BUSHINGS & SPACERS

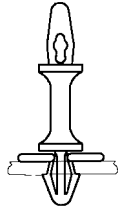
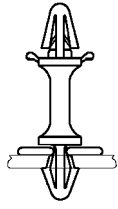
VINYL END CAPS

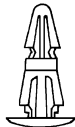
(Black)

Part No.	Dia. (mm)	Length (mm)	
41923	3.0	5.0	<p>Vinyl end caps can be used for protecting and sealing.</p> <p style="text-align: center;">Cables</p> <p style="text-align: center;">Tubes</p> <p style="text-align: center;">Wire</p> <p style="text-align: center;">Dowel</p> <p style="text-align: center;">Exposed Threads</p> 
41904	3.2	12.0	
41905	4.0	8.0	
41924	4.0	12.0	
41925	4.0	16.0	
41906	4.8	12.0	
41926	5.0	13.0	
41907	5.7	10.0	
41927	6.0	13.0	
41908	6.3	12.0	
41928	7.0	25.0	
41909	7.6	8.0	
41910	8.0	9.5	
41929	8.0	38.0	
41922	9.0	25.0	
41911	9.4	12.0	
41912	11.4	13.0	
41913	12.0	16.0	
41930	12.0	38.0	
41914	14.0	38.0	
41915	17.8	13.0	
41932	20.0	63.0	
41933	24.0	63.0	
41934	48.0	38.0	
Also available in other sizes and colours, call for details.			

PLUGS, BUSHINGS & SPACERS

PCB SUPPORTS

TENSION FIT		Maximum chassis thickness of 1.8mm. Tension Fit 
Part No.	Spacing	
10101	4.8mm	
10102	6.4mm	
10103	9.5mm	
10104	11.1mm	
10105	12.7mm	
10106	15.9mm	
10107	19.0mm	
10108	22.2mm	
10109	25.4mm	
LOCKING BARB		Locking Barb 
Part No.	Spacing	
10110	4.8mm	
10111	6.4mm	
10112	9.5mm	
10113	11.1mm	
10114	12.7mm	
10115	15.9mm	
10116	19.0mm	
10117	22.2mm	
10118	25.4mm	
For both Tension Fit & Locking Barb Mounting hole dia, in chassis is 4.8mm Mounting hole dia, in PCB is 4.0mm		Maximum PCB thickness of 1.6mm.

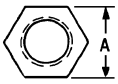

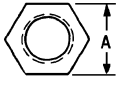
REVERSE LOCKING		Maximum chassis thickness of 1.8mm 
Part No.	Spacing	
10129	3.5mm	
10130	5.0mm	
10131	6.4mm	
10132	8.0mm	
10133	8.0mm (13mm Dia Head)	
10134	9.5mm	
10135	12.0mm	
10136	14.0mm	
10137	18.0mm	
Mounting hole dia, in chassis is 5.5mm Mounting hole dia, in PCB is 4.0mm		Maximum PCB thickness of 1.6mm. Head dia 9.5mm Head height 1.8mm

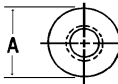

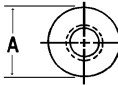
PLUGS, BUSHINGS & SPACERS

NYLON 6/6 SPACERS – THREADED METRIC

HEXAGONAL

ROUND

PART NUMBER	SIZE
3mm	 A=6.35mm
10201	M3 X 6.35mm
10202	M3 X 9.53mm
10203	M3 X 12.7mm
10204	M3 X 15.9mm
10205	M3 X 19.0mm
10206	M3 X 22.2mm
10207	M3 X 25.4mm
3.5mm	 A=6.35mm
10211	M3.5 X 4.75mm
10212	M3.5 X 6.35mm
10213	M3.5 X 9.53mm
10214	M3.5 X 12.7mm
10215	M3.5 X 15.9mm
10216	M3.5 X 19.0mm
10217	M3.5 X 22.2mm
10218	M3.5 X 25.4mm
10219	M3.5 X 31.7mm
4mm	 A=6.35mm
10231	M4 X 6.35mm
10232	M4 X 9.53mm
10233	M4 X 12.7mm
10234	M4 X 15.9mm
10235	M4 X 19.0mm
10236	M4 X 22.2mm
10237	M4 X 25.4mm

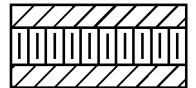
PART NUMBER	SIZE
3.5mm	 A=6.35mm
10251	M3.5 X 6.35mm
10252	M3.5 X 7.94mm
10253	M3.5 X 9.53mm
10254	M3.5 X 12.7mm
10255	M3.5 X 14.3mm
10256	M3.5 X 15.9mm
10257	M3.5 X 19.0mm
10258	M3.5 X 22.2mm
10259	M3.5 X 23.8mm
10260	M3.5 X 25.4mm
4mm	 A=7.94mm
10271	M4 X 6.35mm
10272	M4 X 9.53mm
10273	M4 X 12.7mm
10274	M4 X 15.9mm
10275	M4 X 19.0mm
10276	M4 X 22.2mm
10277	M4 X 25.4mm
5mm	 A=9.53mm
10281	M5 X 6.35mm
10282	M5 X 9.53mm
10283	M5 X 12.7mm
10284	M5 X 15.9mm
10285	M5 X 19.0mm
10286	M5 X 22.2mm
10287	M5 X 25.4mm

PLUGS, BUSHINGS & SPACERS

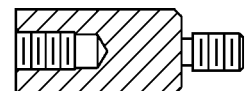
SPACERS – THREADED METRIC

HEXAGONAL

Threaded Spacer Female					
A = 5.5mm Nylon 6/6		A = 5.0mm Brass Nickel Plate		A = 7.0mm Brass Nickel Plate	
Part No	Size	Part No	Size	Part No	Size
10301	M3 x 6.0mm	10403	M3 x 5.0mm	-	-
10302	M3 x 8.0mm	-	-	-	-
10303	M3 x 10.0mm	10405	M3 x 10.0mm	10415	M4 x 10.0mm
10304	M3 x 12.7mm	10406	M3 x 12.0mm	10416	M4 x 12.0mm
10305	M3 x 15.0mm	10407	M3 x 15.0mm	10417	M4 x 15.0mm
10306	M3 x 18.0mm	-	-	-	-
10307	M3 x 20.0mm	10409	M3 x 20.0mm	10419	M4 x 20.0mm
10308	M3 x 22.0mm	-	-	-	-
10309	M3 x 25.0mm	10411	M3 x 25.0mm	10421	M4 x 25.0mm
10310	M3 x 30.0mm	10412	M3 x 30.0mm	-	-



Threaded Spacer Male / Female 3mm Thread			
A = 5.5mm Nylon 6/6		A = 5.0mm Brass Nickel Plate	
Part No	Size	Part No	Size
10351	M3 x 6.0mm	10425	M3 x 6.0mm
10352	M3 x 8.0mm	-	-
10353	M3 x 10.0mm	10427	M3 x 10.0mm
10354	M3 x 12.7mm	-	-
10355	M3 x 15.0mm	10429	M3 x 15.0mm
10356	M3 x 18.0mm	-	-
10357	M3 x 20.0mm	10431	M3 x 20.0mm
10358	M3 x 22.0mm	-	-
10359	M3 x 25.0mm	10433	M3 x 25.0mm
10360	M3 x 30.0mm	-	-



Threaded Spacer Male / Female 4mm Thread	
A=7.0mm Nylon 6/6	
10371	M4 x 10.0mm
10372	M4 x 13.0mm
10373	M4 x 15.0mm
10374	M4 x 19.0mm
10375	M4 x 25.0mm



PLUGS, BUSHINGS & SPACERS

SELF ADHESIVE BUMPERS

Part No.	Base Dia. (mm)	Height (mm)	
Round Bumpers			Molded, Self Adhesive 100% Polyurethane UI Recognized Colours Clear & Black Non-Staining Non-Marking Crack Resistant Abrasian Resistant Resists Skidding Molded, Self Adhesive 100% Polyurethane UI Recognized Colours Clear & Black White, Brown & Grey No Plasticizers No Oils Or Fillers Easy Application Two Different Adhesives 24 Hour Dwell Time Many Applications Appliances Computers Doors
17019	6.4	1.6	
17007	7.9	2.2	
17002	8.5	2.2	
17015	9.5	3.2	
17004	9.5	3.8	
17016	9.5	4.8	
17006	9.5	5.4	
17001	11.1	5.1	
17010	12.7	1.5	
17009	12.7	3.5	
17013	12.7	3.5	
17011	12.7	6.4	
17005	15.7	7.9	
17012	16.5	10.2	
17003	17.8	9.6	
17008	19.1	1.9	
17018	19.1	4.1	
17017	19.8	5.1	
17014	20.6	3.0	
17027	22.3	10.2	
17028	46.0	15.2	
Square Bumpers			
Part No.	Base (mm)	Height (mm)	
17023	10.2 x 10.2	2.5	
17025	12.7 x 12.7	3.0	
17020	12.7 x 12.7	5.8	
17024	19.8 x 19.8	6.4	
17021	19.8 x 19.8	9.7	
17022	20.6 x 20.6	7.6	
17026	25.4 x 25.4	4.6	



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TOOLS

5-1 Multi-Purpose Cutters / Screw Driver Bits

5-2 Cable Stripper / Tape Measure / Strain Relief Pliers

TOOLS

MULTI-PURPOSE CUTTER



PART NUMBER	DESCRIPTION
23021	Small All Metal Slide Lock
23022	Small All Metal Knob Lock
23023	Small Plastic/Metal Slide Lock
23024	Small All Plastic Slide Lock
23030	Replacement Blades Small (Pk10)
23025	Medium Plastic/Metal Slide Lock
23026	Medium Plastic/Metal Knob Lock
23027	Medium Plastic/Metal Slide Lock
23028	Medium Plastic/Metal Knob Lock
23031	Replacement Blades Medium (Pk10)
23029	Large Plastic/Metal Knob Lock

SCREW DRIVER BITS

PART NUMBER	DESCRIPTION
23003	Kit – Driver Bits



TOOLS



TAPE MEASURE

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
23004	2 Mtr x 13mm – Chrome Colour	23009	3 Mtr x 19mm – Black Colour
23005	3 Mtr x 19mm – Chrome Colour	23010	5 Mtr x 25mm – Black Colour
23006	5 Mtr x 25mm – Chrome Colour	23011	8 Mtr x 25mm – Black Colour
23007	8 Mtr x 25mm – Chrome Colour	23012	5 Mtr x 25mm – Professional
23008	2 Mtr x 13mm – Black Colour	23013	8 Mtr x 25mm – Professional

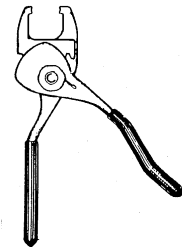
Cable Stripper

PART NUMBER	DESCRIPTION
23049	Self-Adjusting Cutter Stripper (Suit 0.5 - 8.0mm ² Max Stripping Length 25mm)



Strain Relief Plier

PART NUMBER	DESCRIPTION
23043	Strain Relief Plier (Suit Mounting Holes 9.5mm – 19.0mm)



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