COLLATED NAILS & FUEL CELLS

A SPECIALIST GUIDE BY TIMco





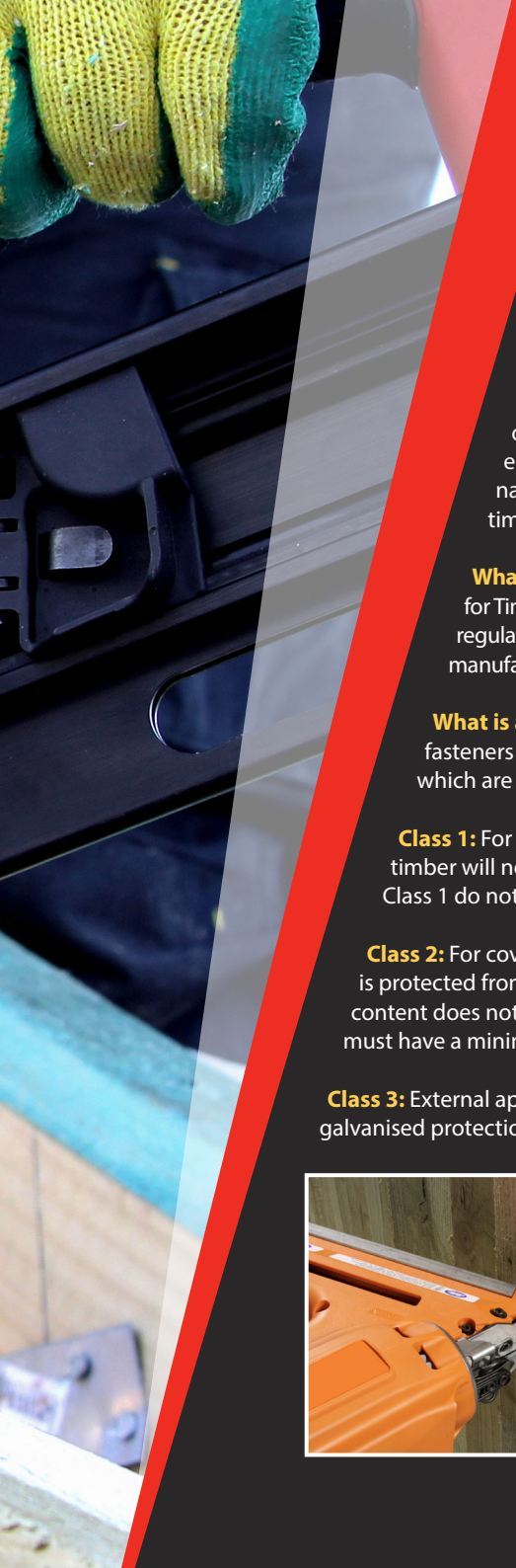






TIMco


FIRMAHOLD
COLLATED NAILS AND FUEL CELLS



FirmaHold collated nails and fuel cells are designed for the fixing of a wide range of timber applications, using various types of pneumatic and cordless nailing tools.

FirmaHold collated nails are manufactured to conform with EN792-13:2000 7.2.1a and comply with the requirements of all major tool manufacturers. FirmaHold offers a comprehensive range of sizes including, 18 gauge and 16 gauge brads and clipped head nails, available in a choice of rust protection, including stainless steel. Offered either with or without fuel cells, FirmaHold collated nails provide a first class solution to a wide range of timber applications.

What is Eurocode 5? Eurocode 5 is the regulation for Timber Structures that replaces previous building regulations and stipulates that all nails must be manufactured to comply with BS EN 14592.

What is a Service Class? Within Eurocode 5, structural fasteners must comply to certain levels of rust protection, which are graded by service classes.

Class 1: For internal use or where the moisture content of the timber will not exceed 12%. Fasteners conforming to Service Class 1 do not require any rust protective coatings.

Class 2: For covered exterior applications where the timber is protected from direct wetting or where the timber moisture content does not exceed 20%. Nails conforming to Service Class 2 must have a minimum of 12 microns of Zinc.

Class 3: External applications and over 43 microns of hot dipped galvanised protection.





Service Class

Material & Plaiting	1	2	3
Bright	✓		
FirmaGalv	✓		
FirmaGalv Plus	✓	✓	
Hot Dipped Galv	✓	✓	✓
Stainless Steel	✓	✓	✓



Framing nails are typically for structural work. Such as timber frame erection, roofing, stud wall partitions and many more first fix applications. Exceptions to this would be fencing and decking.

FirmaHold clipped head framing nails are compatible with most 34° clipped head nailers.

- Paslode IM350
- Hitachi NR90GC2
- Makita GN900S
- Rawl WW90CH
- Max GS690CH
- Senco GT90CH
- BeA Dynamik D90S
- DeWalt DCN690M2 and more.

KEY FEATURES:

✔ Diamond point for maximum penetration
✔ Clipped head increases the number of nails per strip and reduces tool loading times
✔ High quality branded paper increases performance and reduces nail jam

SHANK DESIGNS:

Straight Shank - Low resistance into all materials.
Ring Shank - Provides secure fixing with super high pull-out resistance.
Part Ring Shank - Partially ringed provides improved pull-out resistance for longer length nails.

MATERIAL & PLATING:

BRIGHT - Suitable for indoor applications.

FIRMAGALV - Electro galvanised plating, suitable for indoor applications. Conforms to Eurocode 5 and service class 1.

FIRMAGALV PLUS - Electro galvanised plating with 12 microns of zinc (Min), suitable for indoor and covered outdoor applications. Conforms to Eurocode 5 and service class 2.

HOT DIPPED GALVANISED - 43 microns of plating, suitable for external applications. Conforms to Eurocode 5 and service class 3.

A2 STAINLESS STEEL - For high levels of corrosion resistance and use in hardwood. Conforms to Eurocode 5 and service class 3.

A4 STAINLESS STEEL - Very similar to the A2 SS but more suitable for extremely corrosive applications, including coastal environments.

CLIPPED HEAD COLLATED NAILS & FUEL CELLS



RETAIL PACK - WITH FUEL CELLS ✓

Product Code	Dia. (mm)	Length (mm)	Shank Type	Service Class	Fuel Cell Qty	Box Qty	Carton Qty
FIRMAGALV							
CFGR50G	2.8	50	Ring	1	1	1,100	4,400
CFGR63G	2.8	63	Ring	1	1	1,100	4,400
CFGR75G	3.1	75	Ring	1	1	1,100	4,400
CFGR90G	3.1	90	Plain	1	1	1,100	4,400
FIRMAGALV +							
CPLR63RG	3.1	63	Ring	2	1	1,100	4,400
A2 STAINLESS STEEL							
CSSR50G	2.8	50	Ring	3	1	1,100	4,400
CSSR63G	2.8	63	Ring	3	1	1,100	4,400
CSSR80G	3.1	???	Ring	3	1	1,100	4,400

RETAIL PACK - WITHOUT FUEL CELLS ✗

Product Code	Dia. (mm)	Length (mm)	Shank Type	Service Class	Box Qty	Carton Qty
FIRMAGALV						
CFGR50	2.8	50	Ring	1	1,100	4,400
CFGR63	2.8	63	Ring	1	1,100	4,400
CFGR75	3.1	75	Ring	1	1,100	4,400
CFGR90	3.1	90	Plain	1	1,100	4,400
A2 STAINLESS STEEL						
CSSR50	2.8	50	Ring	3	1,100	4,400
CSSR63	2.8	63	Ring	3	1,100	4,400

TRADE PACK - WITH FUEL CELLS ✓

Product Code	Dia. (mm)	Length (mm)	Shank Type	Service Class	Fuel Cell Qty	Box Qty	Carton Qty
BRIGHT							
CBRT50G	2.8	50	Ring	1	3	3,300	6,600
CBRT63G	2.8	63	Ring	1	3	3,300	6,600
CBRT75G	3.1	75	Ring	1	2	2,200	4,400
CBRT90G	3.1	90	Plain	1	2	2,200	4,400
FIRMAGALV							
CFGT50G	2.8	50	Ring	1	3	3,300	6,600
CFGT63G	2.8	63	Ring	1	3	3,300	6,600
CFGT75G	3.1	75	Ring	1	2	2,200	4,400
CFGT90G	3.1	90	Plain	1	2	2,200	4,400
FIRMAGALV +							
CPLT50G	2.8	50	Ring	2	3	3,300	6,600
CPLT63G	2.8	63	Ring	2	3	3,300	6,600
CPLT63RG	3.1	63	Ring	2	3	3,300	6,600
CPLT75G	3.1	75	Ring	2	2	2,200	4,400
CPLT90G	3.1	90	Plain	2	2	2,200	4,400
CPLT90PG	3.1	90	Part Ring	2	2	2,200	4,400
HOT DIP GALV							
CHDT50G	2.8	50	Ring	3	3	3,300	6,600
CHDT63G	2.8	63	Ring	3	3	3,300	6,600
CHDT75G	3.1	75	Ring	3	2	2,200	4,400
CHDT90G	3.1	90	Plain	3	2	2,200	4,400

TRADE PACK - WITHOUT FUEL CELLS ✗

Product Code	Dia. (mm)	Length (mm)	Shank Type	Service Class	Box Qty	Carton Qty
BRIGHT						
CBRT50	2.8	50	Ring	1	3,300	6,600
CBRT63	2.8	63	Ring	1	3,300	6,600
CBRT75	3.1	75	Ring	1	2,200	4,400
CBRT90	3.1	90	Plain	1	2,200	4,400
FIRMAGALV						
CFGT50	2.8	50	Ring	1	3,300	6,600
CFGT63	2.8	63	Ring	1	3,300	6,600
CFGT75	3.1	75	Ring	1	2,200	4,400
CFGT90	3.1	90	Plain	1	2,200	4,400
FIRMAGALV +						
CPLT50	2.8	50	Ring	2	3,300	6,600
CPLT63	2.8	63	Ring	2	3,300	6,600
CPLT63R	3.1	63	Ring	2	3,300	6,600
CPLT75	3.1	75	Ring	2	2,200	4,400
CPLT90	3.1	90	Plain	2	2,200	4,400

COLLATED BRAD NAILS







This is sometimes referred to as a second fix nail, which is typically used on the finished work such as skirting board and architrave.

There a many different types of brads. FirmaHold is available in 3 types:

- 16 Gauge Straight
- 16 Gauge Angled
- 18 Gauge Straight

THE MOST POPULAR COMPATIBLE TOOLS ARE:

16 Gauge straight for use in:

- Paslode IM65
- Hitachi NT65GS
- DeWalt DC616KB and more.

16 Gauge Angled for use in:

- Paslode IM65A
- Hitachi NT65GB
- DeWalt DC618KB and more.

KEY FEATURES:

✔ T head to give concealed finish
✔ Straight shank gives low penetration resistance into all materials

MATERIAL & PLATING:

GALVANISED - Electro galvanised plating, suitable for indoor applications.

A2 STAINLESS STEEL - For high levels of corrosion resistance and use in hardwood.



16 GAUGE STRAIGHT BRADS - WITH FUEL CELLS ✓

Product Code	Gauge	Length (mm)	Nails Per Strip	Collation Angle	Fuel Cell Qty	Box Qty	Carton Qty
GALVANISED							
BG1619G	16	19	50	Straight	2	2,000	20,000
BG1625G	16	25	50	Straight	2	2,000	20,000
BG1632G	16	32	50	Straight	2	2,000	20,000
BG1638G	16	38	50	Straight	2	2,000	20,000
BG1645G	16	45	50	Straight	2	2,000	20,000
BG1650G	16	50	50	Straight	2	2,000	20,000
BG1664G	16	64	50	Straight	2	2,000	20,000
A2 STAINLESS STEEL							
BSS1625G	16	25	50	Straight	2	2,000	20,000*
BSS1638G	16	38	50	Straight	2	2,000	20,000*
BSS1650G	16	50	50	Straight	2	2,000	20,000*
BSS1664G	16	64	50	Straight	2	2,000	20,000*

16 GAUGE STRAIGHT BRADS - WITHOUT FUEL CELLS ✗

Product Code	Gauge	Length (mm)	Nails Per Strip	Collation Angle	Box Qty	Carton Qty
GALVANISED						
BG1619	16	19	50	Straight	2,000	24,000
BG1625	16	25	50	Straight	2,000	24,000
BG1632	16	32	50	Straight	2,000	24,000
BG1638	16	38	50	Straight	2,000	24,000
BG1645	16	45	50	Straight	2,000	24,000
BG1650	16	50	50	Straight	2,000	24,000
BG1664	16	64	50	Straight	2,000	24,000
A2 STAINLESS STEEL						
BSS1625	16	25	50	Straight	2,000	24,000*
BSS1638	16	38	50	Straight	2,000	24,000*
BSS1650	16	50	50	Straight	2,000	24,000*
BSS1664	16	64	50	Straight	2,000	24,000*

16 GAUGE ANGLED BRADS - WITH FUEL CELLS ✓

Product Code	Gauge	Length (mm)	Nails Per Strip	Collation Angle	Fuel Cell Qty	Box Qty	Carton Qty
GALVANISED							
ABG1632G	16	32	50	20°	2	2,000	20,000
ABG1638G	16	38	50	20°	2	2,000	20,000
ABG1645G	16	45	50	20°	2	2,000	20,000
ABG1650G	16	50	50	20°	2	2,000	20,000
ABG1664G	16	64	50	20°	2	2,000	20,000
A2 STAINLESS STEEL							
ABSS1638G	16	38	50	20°	2	2,000	20,000*
ABSS1650G	16	50	50	20°	2	2,000	20,000*
ABSS1664G	16	64	50	20°	2	2,000	20,000*

16 GAUGE ANGLED BRADS - WITHOUT FUEL CELLS ✗

Product Code	Gauge	Length (mm)	Nails Per Strip	Collation Angle	Box Qty	Carton Qty
GALVANISED						
ABG1632	16	32	50	20°	2,000	12,000
ABG1638	16	38	50	20°	2,000	12,000
ABG1645	16	45	50	20°	2,000	12,000
ABG1650	16	50	50	20°	2,000	12,000
ABG1664	16	64	50	20°	2,000	12,000
A2 STAINLESS STEEL						
ABSS1638	16	38	50	20°	2,000	12,000*
ABSS1650	16	50	50	20°	2,000	12,000*
ABSS1664	16	64	50	20°	2,000	12,000*

18 GAUGE STRAIGHT BRADS - WITHOUT FUEL CELLS ✗

Product Code	Gauge	Length (mm)	Nails Per Strip	Collation Angle	Box Qty	Carton Qty
GALVANISED						
BG1816	18	16	100	Straight	5,000	100,000
BG1819	18	19	100	Straight	5,000	100,000
BG1825	18	25	100	Straight	5,000	100,000
BG1832	18	32	100	Straight	5,000	60,000
BG1838	18	38	100	Straight	5,000	60,000
BG1845	18	45	100	Straight	5,000	60,000
BG1850	18	50	100	Straight	5,000	60,000
A2 STAINLESS STEEL						
BSS1819	18	19	100	Straight	5,000	100,000
BSS1825	18	25	100	Straight	5,000	100,000
BSS1832	18	32	100	Straight	5,000	60,000
BSS1838	18	38	100	Straight	5,000	60,000
BSS1850	18	50	100	Straight	5,000	60,000

FUEL CELLS

1



Remove dosage valve and transit cap

2



Separate the dosage valve from the transit cap

3



Tilt the dosage valve forward

4



Locate the front of the dosage valve on the fuel cell

5



Click the back of the fuel cell down 1 click firmly then down fully







FirmaHold fuel cells are designed to be used with many gas nailers without affecting performance.

- ✔ Fully synthetic oil for tool lubrication
- ✔ High quality propellant to increase performance
- ✔ All fuel cells are manufactured in accordance with European regulations for consistent quality
- ✔ Cleaned propane and butane gas to reduce exhaust fumes and improve the working environment

FirmaHold fuel cells have an optimum performance date on the base of the can which indicates the date prior to any decreasing pressure.

Fuel cells will react differently in colder temperatures. However, the FirmaHold fuel cells are designed to work down to -5°C.

VALVE INFORMATION

The different colour dosage valves omit different volumes of gas and the different length fuel cells operate with different pressure inside.

Red Dosage Valve:
For use with the longer fuel cell in framing nailers.

Yellow Dosage Valve:
For use with the smaller fuel cell in finishing nailers.

The fuel cell comes with a transit cap to prevent leakage whilst in transit. This needs removing and separating from the dosage valve. Then fit the dosage valve to the top of the fuel cell prior to use.

FINISHING NAILER FUEL CELL

Product Code	Description	Pack Qty	Carton Qty (pack)
BFC	Finishing Nailer Fuel Cell	2	6
CFC	Framing Nailer Fuel Cell	2	6

GET THE RIGHT NAIL FOR YOUR CHOSEN APPLICATION



	2.8 x 50mm RG BR	2.8 x 50mm RG FirmaGalv	2.8 x 50mm RG FirmaGalv Plus	2.8 x 50mm RG HDGV	2.8 x 50mm RG A2 SS	2.8 x 63mm RG BR	2.8 x 63mm RG FirmaGlav	2.8 x 63mm RG FirmaGlav Plus	2.8 x 63mm RG HDGV	2.8 x 63mm RG A2 SS	3.1 x 63mm RG FirmaGalv Plus	3.1 x 75mm RG BR	3.1 x 75mm RG FirmaGalv	3.1 x 75mm RG FirmaGalv Plus	3.1 x 75mm RG HDGV	3.1 x 80mm PR FirmaGalv	3.1 x 90mm ST BR	3.1 x 90mm ST FirmaGalv	3.1 x 90mm ST FirmaGalv Plus	3.1 x 90mm PR FirmaGalv Plus	3.1 x 90mm ST HDGV
Timber Frame																			✓	✓	✓
Wind Bracing														✓	✓				✓	✓	✓
Truss Roof														✓	✓				✓	✓	✓
Roof Battening											✓			✓	✓						
Flat Roof Sheeting								✓	✓		✓										
Sheet Flooring						✓	✓	✓	✓												
Stud Wall Partitioning																	✓	✓	✓	✓	
Noggins/Joists												✓	✓	✓	✓	✓	✓	✓	✓	✓	
Decking									✓	✓											
External Cladding				✓	✓				✓	✓											
Close Board Fencing		✓	✓	✓																	

Always check building regulations

FIRST FIX APPLICATIONS



Timber Frame & Roofing


Roof Battening


Decking & Fencing


Stud work

SECOND FIX APPLICATIONS


Skirting Board


Architrave


Glazing Bead & Quadrant

	16 Gauge x 19mm Galvanised	16 Gauge x 25mm Galvanised	16 Gauge x 32mm Galvanised	16 Gauge x 38mm Galvanised	16 Gauge x 38mm Stainless Steel	16 Gauge x 45mm Galvanised	16 Gauge x 50mm Galvanised	16 Gauge x 50mm Stainless Steel	16 Gauge x 64mm Galvanised
Glazing Bead & Quadrant	✓	✓							
Architrave				✓					
Hardwood Architrave					✓				
Dado & picture Rail							✓		
Skirting boards							✓		✓
Hardwood Skirting Boards								✓	
Tongue & Groove Panelling			✓						
Stair Risers							✓		
Spindles & Handrails			✓						

Always check building regulations

PASLODE COLLATED NAILS & FUEL CELLS



IM360Ci NAIL & FUEL PACKS

Product Code	Dia (mm)	Length (mm)	Head Type	Shank Type	Service Class	Fuel Cell Qty	Box Qty
TRADE PACK - WITH FUEL CELLS							
BRIGHT							
PAS141083	2.8	51	Fully Round	Ring	1	3	3,300
PAS141078	2.8	63	Fully Round	Ring	1	3	3,300
PAS141081	3.1	75	Fully Round	Ring	1	2	2,200
PAS141082	3.1	90	Fully Round	Ring	1	2	2,200
PAS141076	3.1	90	Fully Round	Plain	1	2	2,200
GALVANISED +							
PAS141075	2.8	51	Fully Round	Ring	2	3	3,300
PAS141071	2.8	63	Fully Round	Ring	2	3	3,300
PAS141073	3.1	63	Fully Round	Ring	2	2	2,200
PAS141072	3.1	75	Fully Round	Ring	2	2	2,200
PAS141074	3.1	90	Fully Round	Ring	2	2	2,200
PAS141070	3.1	90	Fully Round	Plain	2	2	2,200
HOT DIPPED GALVANISED							
PAS140631	2.8	63	Fully Round	Ring	3	3	3,300
PAS140625	3.1	63	Fully Round	Ring	3	2	2,200
PAS140630	3.1	75	Fully Round	Ring	3	2	2,200
PAS140628	3.1	90	Fully Round	Ring	3	2	2,200
PAS140629	3.1	90	Fully Round	Plain	3	2	2,200
RETAIL PACK - WITH FUEL CELLS							
GALVANISED +							
PAS141080	2.8	51	Fully Round	Ring	2	1	1,100
PAS141079	2.8	63	Fully Round	Ring	2	1	1,100
PAS141077	3.1	90	Fully Round	Plain	2	1	1,100
A2 STAINLESS STEEL							
PAS140624	2.8	51	Fully Round	Ring	3	1	1,100
PAS140626	2.8	63	Fully Round	Ring	3	1	1,100
PAS140627	3.1	80	Fully Round	Ring	3	1	1,100
A4 STAINLESS STEEL							
PAS140632	2.8	63	Fully Round	Ring	3	1	1,100

IM350+ NAIL & FUEL PACKS

Product Code	Dia (mm)	Length (mm)	Head Type	Shank Type	Service Class	Fuel Cell Qty	Box Qty
TRADE PACK - WITH FUEL CELLS							
BRIGHT							
PAS141202	2.8	51	Clipped	Ring	1	3	3,300
PAS141208	2.8	63	Clipped	Ring	1	3	3,300
PAS141226	3.1	75	Fully Round	Ring	1	2	2,200
PAS141233	3.1	90	Fully Round	Plain	1	2	2,200
GALVANISED +							
PAS141204	2.8	51	Clipped	Ring	2	3	3,300
PAS141210	2.8	63	Clipped	Ring	2	3	3,300
PAS141221	3.1	63	Fully Round	Ring	2	2	2,200
PAS141227	3.1	75	Fully Round	Ring	2	2	2,200
PAS141234	3.1	90	Fully Round	Plain	2	2	2,200
HOT DIPPED GALVANISED							
PAS141205	2.8	51	Clipped	Ring	3	3	3,300
PAS141211	2.8	63	Clipped	Ring	3	3	3,300
PAS141222	3.1	63	Fully Round	Ring	3	2	2,200
PAS141228	3.1	75	Fully Round	Ring	3	2	2,200
PAS141236	3.1	90	Fully Round	Uni Lock	3	2	2,200
PAS141235	3.1	90	Fully Round	Plain	3	2	2,200
RETAIL PACK - WITH FUEL CELLS							
GALVANISED +							
PAS141256	2.8	51	Clipped	Ring	2	1	1,100
PAS141259	2.8	63	Clipped	Ring	2	1	1,100
HOT DIPPED GALVANISED							
PAS141260	2.8	63	Clipped	Ring	3	1	1,100
PAS141265	3.1	75	Fully Round	Ring	3	1	1,100
PAS141267	3.1	90	Fully Round	Plain	3	1	1,100
A2 STAINLESS STEEL							
PAS141257	2.8	51	Clipped	Ring	3	1	1,100
PAS141261	2.8	63	Clipped	Ring	3	1	1,100
PAS141266	3.1	80	Fully Round	Ring	3	1	1,100

PPN35Ci NAIL & FUEL PACKS

Product Code	Dia (mm)	Length (mm)	Head Type	Shank Type	Service Class	Fuel Cell Qty	Box Qty
TRADE PACK - WITH FUEL CELLS							
ELECTRO GALVANISED							
PAS141185	3.4	35	Fully Round	Twist	2	2	2,500

PASLODE BRAD NAILS & FUEL CELLS



IM65 STRAIGHT BRAD NAIL & FUEL PACKS

Product Code	Gauge	Length (mm)	Collation Angle	Fuel Cell Qty	Box Qty
STRAIGHT BRADS - WITH FUEL CELLS					
ELECTRO GALVANISED					
PAS921585	16	16	Straight	2	2,000
PAS921586	16	19	Straight	2	2,000
PAS921587	16	25	Straight	2	2,000
PAS921588	16	32	Straight	2	2,000
PAS921589	16	38	Straight	2	2,000
PAS921590	16	45	Straight	2	2,200
PAS921591	16	50	Straight	2	2,200
PAS921592	16	63	Straight	2	2,200
A2 STAINLESS STEEL					
PAS921593	16	25	Straight	2	2,000
PAS921594	16	38	Straight	2	2,000
PAS921595	16	50	Straight	2	2,000
PAS921596	16	63	Straight	2	2,000

IM65A ANGLED BRAD NAIL & FUEL PACKS

Product Code	Gauge	Length (mm)	Collation Angle	Fuel Cell Qty	Box Qty
ANGLED BRADS - WITH FUEL CELLS					
ELECTRO GALVANISED					
PAS300270	16	32	20°	2	2,000
PAS300271	16	38	20°	2	2,000
PAS300272	16	45	20°	2	2,000
PAS300273	16	51	20°	2	2,000
PAS300274	16	63	20°	2	2,000
A2 STAINLESS STEEL					
PAS300276	16	32	20°	2	2,000
PAS300277	16	38	20°	2	2,000
PAS300279	16	50	20°	2	2,000
PAS300280	16	64	20°	2	2,000







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