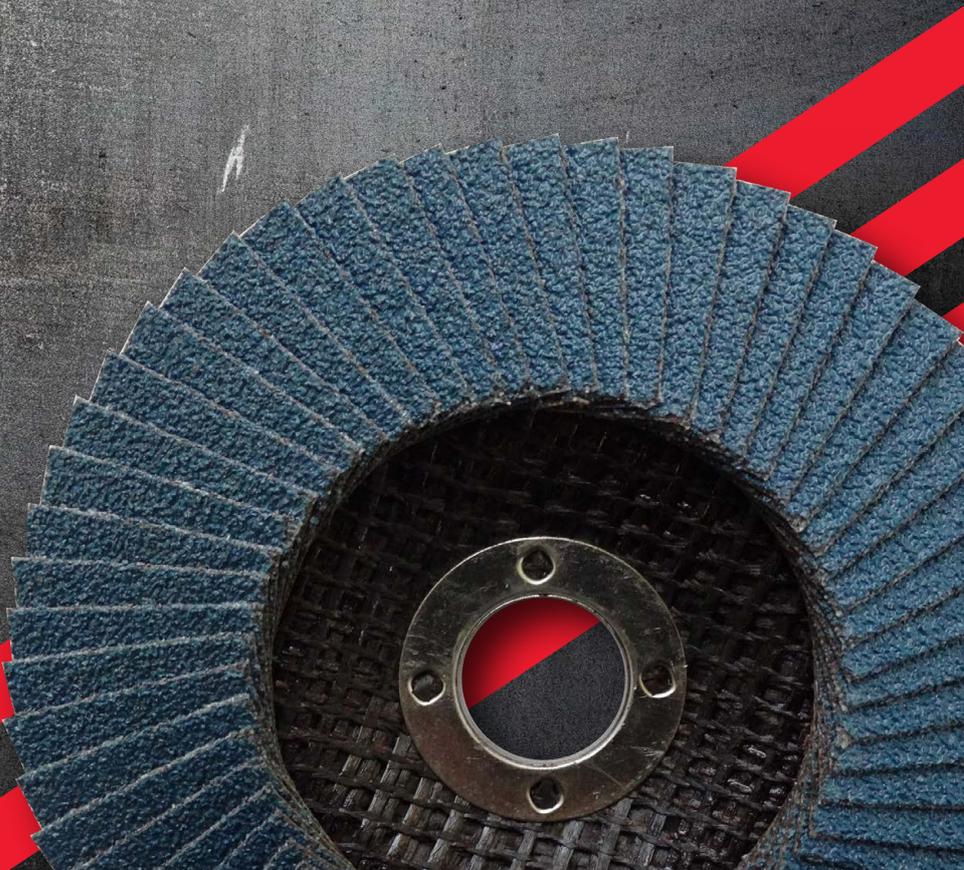




EST.
1977

ABRASIVES CATALOGUE



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Ordering Information

Flap Disc Backing

Plastic Backed

The benefit of a plastic backing is that it can be trimmed to increase the working life of the flap disc, which is particularly helpful when it comes to blending and finishing.

Glass Fibre Backed

This is the most popular style of backing for Flap Discs as they help to absorb vibration experienced when in use with no smearing. They are a very strong and durable option that won't contaminate the surface of your work piece.

Types of Grit

Aluminium Oxide

The Aluminium Oxide grit is a blunt abrasive that produces a cost effective flap disc or flap wheel. It removes stock well, and produces a smooth and chatter-free finish.

Zirconia

Zirconia is a sharper abrasive than Aluminium Oxide, and is ideal for general purpose grinding applications. It cuts cooler and quicker with less effort required.

Ceramic

Grinding accessories using Ceramic grit are the most premium products in the range, and produce the sharpest finish with a chiseled effect. Stock disappears quickly and efficiently and is easy to use as less effort is required. Ceramic grits deliver a smooth and flat finish with minimal chatter.

Silicon Carbide

This grit is ideal for the most aggressive stock removal applications, as silicon carbide is one of the hardest materials available on the market. It is ideal for concrete, granite, marble and ceramics.

Safety Information

For all Josco Abrasive products in this catalogue, please pay close attention to all safety information and cautions featured on the product and packaging. On most Josco packages, you will find a combination of the below safety icons that will give you an indication of what safety precautions you should be taking.

If you have any questions about individual products, please contact the Josco customer service team at customerservice@josco.com.au or call 03 8794 4300.



Wear Ear Protection



Wear Eye Protection



Wear a Mask



Wear Protective Gloves



Refer to Instruction Manual/Pack Instructions



Do Not Use if Damaged



JDC11540



JDC12780



JDZ10040



JDZ11540



JDZ12740

Ceramic Flap Discs



Ceramic Flap Discs are excellent for fast, aggressive stock removal and metal finishing. The discs cut 40 times faster and last longer than conventional grits, and are ideal for weld preparation and weld seam removal. All Josco Ceramic Flap Discs are Made in EU to EN standards.

| Part No. | Material | Diameter | Bore | Grit | Max RPM | Inner QTY | Outer QTY | Pack Type |
|----------|----------|----------|---------|------|---------|-----------|-----------|-------------|
| JDC11540 | Ceramic | 115mm | 22,23mm | 40 | 13,300 | 3 | 60 | Single Disc |
| JDC11560 | Ceramic | 115mm | 22,23mm | 60 | 13,300 | 3 | 60 | Single Disc |
| JDC11580 | Ceramic | 115mm | 22,23mm | 80 | 13,300 | 3 | 60 | Single Disc |
| JDC12740 | Ceramic | 127mm | 22,23mm | 40 | 12,250 | 3 | 60 | Single Disc |
| JDC12760 | Ceramic | 127mm | 22,23mm | 60 | 12,250 | 3 | 60 | Single Disc |
| JDC12780 | Ceramic | 127mm | 22,23mm | 80 | 12,250 | 3 | 60 | Single Disc |

Zirconia Flap Discs



Zirconia Flap Discs are ideal for general purpose applications such as weld removal, grinding and clean-up of steel, stainless steel and aluminium, and are great for removing paint and varnish. Finer grits are more suitable for finishing timber prior to painting. They can also be used on cast iron. Zirconia grit is ideal for fast grinding and longer life.

| Part No. | Material | Diameter | Bore | Grit | Max RPM | Inner QTY | Outer QTY | Pack Type |
|-----------|----------|----------|------|------|---------|-----------|-----------|-------------|
| JDZ10040 | Zirconia | 100mm | 16mm | 40 | 15,300 | 5 | 200 | Single Disc |
| JDZ10060 | Zirconia | 100mm | 16mm | 60 | 15,300 | 5 | 200 | Single Disc |
| JDZ10080 | Zirconia | 100mm | 16mm | 80 | 15,300 | 5 | 200 | Single Disc |
| JDZ100120 | Zirconia | 100mm | 16mm | 120 | 15,300 | 5 | 200 | Single Disc |
| JDZ11540 | Zirconia | 115mm | 22mm | 40 | 13,300 | 5 | 200 | Single Disc |
| JDZ11560 | Zirconia | 115mm | 22mm | 60 | 13,300 | 5 | 200 | Single Disc |
| JDZ11580 | Zirconia | 115mm | 22mm | 80 | 13,300 | 5 | 200 | Single Disc |
| JDZ115120 | Zirconia | 115mm | 22mm | 120 | 13,300 | 5 | 200 | Single Disc |
| JDZ12740 | Zirconia | 127mm | 22mm | 40 | 12,000 | 5 | 200 | Single Disc |
| JDZ12760 | Zirconia | 127mm | 22mm | 60 | 12,000 | 5 | 200 | Single Disc |
| JDZ12780 | Zirconia | 127mm | 22mm | 80 | 12,000 | 5 | 200 | Single Disc |
| JDZ127120 | Zirconia | 127mm | 22mm | 120 | 12,000 | 5 | 200 | Single Disc |



JPD125C



JPD125M



JPD125F

Poly Flap Discs



Josco Poly Flap Discs are made from a non-woven abrasive cloth and are ideal for removing rust from steel surfaces, cleaning up and removing paint from steel, stainless steel and aluminium, cleaning and finishing of TIG weld seams, polishing stainless steel, and light deburring & de-scaling on steel.

Dependent on the hardness and application, they are available in colour coded coarse (yellow), medium (brown) and fine (blue).

| Part No. | Diameter | Bore | Grit | Max RPM | Inner QTY | Outer QTY | Pack Type |
|----------|----------|------|--------|---------|-----------|-----------|-----------|
| JPD100F | 100mm | 16mm | Fine | 15,300 | 3 | 60 | Clamshell |
| JPD100M | 100mm | 16mm | Medium | 15,300 | 3 | 60 | Clamshell |
| JPD100C | 100mm | 16mm | Coarse | 15,300 | 3 | 60 | Clamshell |
| JPD115F | 115mm | 22mm | Fine | 13,300 | 3 | 60 | Clamshell |
| JPD115M | 115mm | 22mm | Medium | 13,300 | 3 | 60 | Clamshell |
| JPD115C | 115mm | 22mm | Coarse | 13,300 | 3 | 60 | Clamshell |
| JPD125F | 125mm | 22mm | Fine | 12,200 | 3 | 60 | Clamshell |
| JPD125M | 125mm | 22mm | Medium | 12,200 | 3 | 60 | Clamshell |
| JPD125C | 125mm | 22mm | Coarse | 12,200 | 3 | 60 | Clamshell |

Contour Sander



Eliminate hand sanding on curved, fluted or flat surfaces – matt down paint or varnish between coats.

- Individual flaps mould to contours of work piece
- Long shaft is ideal for reaching awkward places
- Sand the flutes of radiators and garage doors
- Prepare louvers prior to painting
- Renovate furniture

Two speed power tools should be used, with the highest speed for sanding and stripping, and the lowest speed for light finish and smoothing. Maximum recommended speed is 4,000 RPM and recommended minimum speed is 1,000 RPM. Do not use excessive pressure. Let the contour sander do the work. A coarse grade should be selected for more aggressive sanding operations.

Common Applications & General Information:

The Josco Contour Sander is ideal for decorating, renovating or restoration jobs. Save hours of hand sanding on curved or irregular shaped wood and metal surfaces.

- Use to sand doors, skirtings and architraves prior to painting
- Renovate/restore wood furniture and prepare for varnishing
- Sand carvings and sculptures

Technical Information

Because of the large number of flaps which Flap Wheels contain, they are very economical compared with belts etc, reducing finishing costs, due to the longer life and reduced downtime.

Examples of application for Flap Wheels:

- Finishing of stainless steel vessels
- De-scaling heat treated aluminium
- Removing machine marks and flaws from castings
- Sanding wood, prior to painting
- Grinding off fibreglass flash and sharp mould edges
- Polishing and finishing the convex and concave surfaces of tubular steel
(the wheel will wear to match the contours of the tubing)
- Polishing aluminium – even fine grits do not clog
- Removing flash from rubber and plastic
- Cleaning up welds, scratches and rust from fabricated parts
- Removing surface blemishes or excess glaze from ceramics
- Grinding and scuffing leather in shoe-making and repairing
- Removing rust and sharpening tools
- Removing burrs and giving satin finish to metals
- Grinding out imperfections on steel forgings

How to obtain the best performance

- Use only light pressure so that only the tips of the flaps are in contact with the work piece.
- Flap wheels give a finer effect and last considerably longer if they are used with a grinding paste or grease.
- If the rate of stock removal is insufficient, use a coarser grit.
- When using Flap Wheels on a moving or rotating workpiece, the movement of the work piece must be in the opposite direction to the rotation of the wheel.
- ALWAYS observe the maximum recommended RPM given in the tables.



Part No: CONTOURCOURSE

Sander: 125mm (5") diameter
38mm (1 1/2") wide
Shaft: 6mm (1/4") diameter
113mm (4 1/2") long



FW3015040C



FW5020080C



FW6030040C



FW8030120C

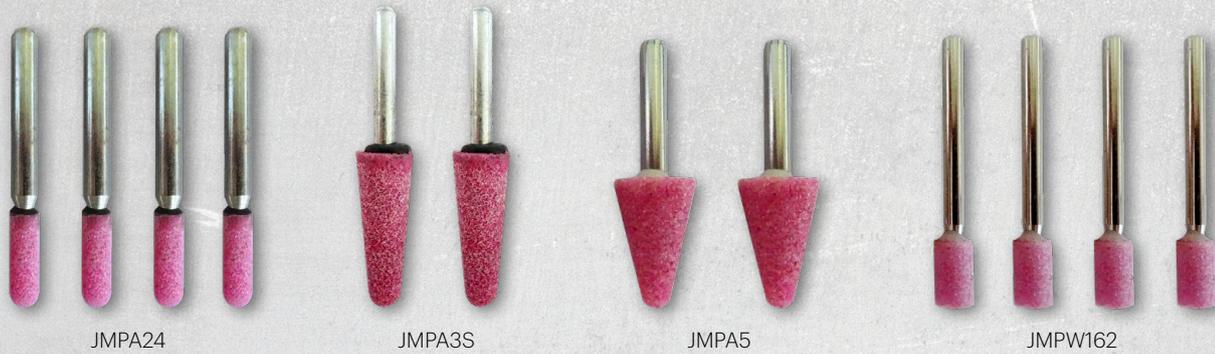
Premium Flap Wheels



Flap Wheels offer a quick and economical solution to working on both flat and contoured surfaces. The 'Flap Top and Bottom' design allows more versatility of application than 'Raised Hub' versions.

Manufactured using the highest quality industrial cloth, the wheel design is such that as the flaps wear down, new abrasive is continuously exposed. This action prevents clogging and gives a uniform, constant finish throughout the life of the wheel.

| Part No. | Diameter | Width | Grit | Max RPM | Inner QTY | Outer QTY | Pack Type |
|-------------|----------|-------|------|---------|-----------|-----------|-----------|
| FW3015040C | 30mm | 15mm | 40 | 25,000 | 3 | 60 | Clamshell |
| FW3015060C | 30mm | 15mm | 60 | 25,000 | 3 | 60 | Clamshell |
| FW3015080C | 30mm | 15mm | 80 | 25,000 | 3 | 60 | Clamshell |
| FW30150120C | 30mm | 15mm | 120 | 25,000 | 3 | 60 | Clamshell |
| FW4015040C | 40mm | 15mm | 40 | 19,000 | 3 | 60 | Clamshell |
| FW4015060C | 40mm | 15mm | 60 | 19,000 | 3 | 60 | Clamshell |
| FW4015080C | 40mm | 15mm | 80 | 19,000 | 3 | 60 | Clamshell |
| FW40150120C | 40mm | 15mm | 120 | 19,000 | 3 | 60 | Clamshell |
| FW5020040C | 50mm | 20mm | 40 | 15,000 | 3 | 60 | Clamshell |
| FW5020060C | 50mm | 20mm | 60 | 15,000 | 3 | 60 | Clamshell |
| FW5020080C | 50mm | 20mm | 80 | 15,000 | 3 | 60 | Clamshell |
| FW50200120C | 50mm | 20mm | 120 | 15,000 | 3 | 60 | Clamshell |
| FW6030040C | 60mm | 30mm | 40 | 12,600 | 3 | 60 | Clamshell |
| FW6030060C | 60mm | 30mm | 60 | 12,600 | 3 | 60 | Clamshell |
| FW6030080C | 60mm | 30mm | 80 | 12,600 | 3 | 60 | Clamshell |
| FW60300120C | 60mm | 30mm | 120 | 12,600 | 3 | 60 | Clamshell |
| FW8030040C | 60mm | 30mm | 40 | 9,500 | 3 | 60 | Clamshell |
| FW8030060C | 60mm | 30mm | 60 | 9,500 | 3 | 60 | Clamshell |
| FW8030080C | 60mm | 30mm | 80 | 9,500 | 3 | 60 | Clamshell |
| FW80300120C | 60mm | 30mm | 120 | 9,500 | 3 | 60 | Clamshell |



Mounted Point Kits

Abrasive Mounted Points are made from pink aluminium oxide and are ideal for grinding and finishing on stainless steel, cast iron and high alloy steel.



| Part No. | Description | Shank | Pack Size | Inner QTY | Outer QTY | Pack Type |
|----------|---|-------|-----------|-----------|-----------|-----------|
| JMPK5 | MPA3S: A3S 16 x 45mm MPA5: A5 19 x 28mm MPA24: A24 6 x 19mm MPA26: A26 16 x 16mm MPW177: W177 10 x 19mm | 6mm | 5 | 10 | 100 | Clamshell |
| JMPK5M | MPB44: B44 6 x 10mm MPB92: B92 6 x 6mm MPB97: B97 3 x 10mm MPB123: B123 5 x 5mm MPW162: W162 6 x 10mm | 3mm | 5 | 10 | 300 | Clamshell |
| JMPA1 | A1 19 x 63mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPA11 | A11 22 x 50mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPA12 | A12 18 x 32mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPA24 | A24 6 x 19mm | 6mm | 4 | 10 | 300 | Clamshell |
| JMPA3 | A3 25 x 70mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPA3S | A3S 16 x 45mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPA5 | A5 19 x 28mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPW162 | W162 6 x 10mm | 6mm | 4 | 10 | 300 | Clamshell |
| JMPW177 | W177 10 x 19mm | 6mm | 4 | 10 | 300 | Clamshell |
| JMPW189 | W189 13 x 50mm | 6mm | 2 | 10 | 300 | Clamshell |
| JMPW208 | W208 19 x 51mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPW220 | W220 25 x 25mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPW228 | W228 32 x 19mm | 6mm | 2 | 10 | 100 | Clamshell |
| JMPW232 | W232 32 x 50mm | 6mm | 1 | 10 | 100 | Clamshell |
| JMPW242 | W242 50 x 25mm | 6mm | 1 | 10 | 100 | Clamshell |

Maximum Operating Speeds

Maximum operating speeds are dependent on the shape and size of wheel, the size of the shank and the amount of overhang.

The table of speeds given below for Josco's range of mounted points is based on a maximum overhang 'O' of 1/2" (13mm).

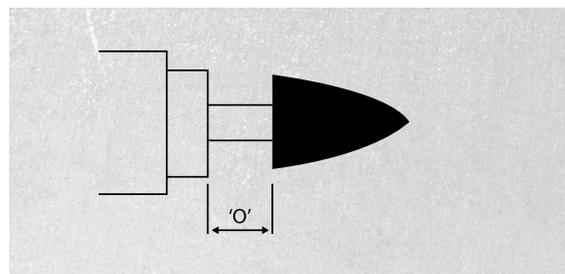


Table of maximum permissible operating in RPM using an overhang 'O' of no more than 1/2" (13mm).

| Shape No. | M.O.S (RPM) |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| A1 | 19,800 | B41 | 33,750 | W144 | 105,000 | W196 | 32,250 |
| A2 | 38,000 | B42 | 33,750 | W145 | 105,000 | W197 | 21,000 |
| A3 | 16,100 | B44 | 68,400 | W146 | 105,000 | W200 | 47,750 |
| A3S | 17,000 | B46 | 105,000 | W152 | 105,000 | W201 | 47,750 |
| A4 | 29,840 | B52 | 45,370 | W153 | 80,850 | W203 | 47,750 |
| A5 | 45,000 | B53 | 60,000 | W154 | 70,000 | W204 | 42,750 |
| A11 | 19,860 | B62 | 41,020 | W160 | 81,370 | W205 | 34,500 |
| A12 | 48,000 | B71 | 59,680 | W162 | 68,400 | W207 | 24,000 |
| A13 | 33,950 | B81 | 47,750 | W163 | 60,000 | W208 | 18,750 |
| A14 | 53,050 | B91 | 34,500 | W164 | 45,900 | W215 | 38,200 |
| A15 | 72,750 | B92 | 81,370 | W170 | 55,000 | W216 | 38,200 |
| A21 | 34,500 | B97 | 105,000 | W175 | 54,000 | W218 | 38,200 |
| A23 | 39,370 | B98 | 105,000 | W176 | 45,370 | W220 | 25,500 |
| A24 | 76,500 | B101 | 33,750 | W177 | 66,000 | W222 | 15,900 |
| A25 | 35,620 | B103 | 59,680 | W178 | 55,200 | W226 | 29,840 |
| A26 | 59,680 | B104 | 68,400 | W179 | 45,000 | W227 | 29,840 |
| A31 | 27,260 | B121 | 45,370 | W182 | 73,460 | W228 | 29,840 |
| A32 | 38,200 | B122 | 61,650 | W185 | 61,500 | W230 | 20,400 |
| A33 | 38,000 | B123 | 104,250 | W186 | 51,000 | W232 | 14,250 |
| A34 | 25,130 | B131 | 34,500 | W187 | 40,000 | W236 | 25,130 |
| A35 | 38,200 | B132 | 45,370 | W188 | 30,370 | W242 | 19,100 |
| A36 | 23,520 | B133 | 54,000 | W189 | 20,000 | | |
| A37 | 29,840 | B135 | 60,000 | | | | |
| A38 | 34,500 | | | | | | |
| A39 | 47,250 | | | | | | |

If an overhang of more than 1/2" (13mm) is used, the maximum permissible operating speeds are reduced. See the Health and Safety Executive publication ref. HS(G) 17 and the European Safety Co. issued by the Federation of European Producers of Abrasive Products (FEPA NO 12GB74).

Important Safety Instructions

1. Do not exceed the maximum permissible operating speeds and overhang of points.
2. Always wear eye protection.
3. Check that the bearings and collet of your grinder are not worn.
4. Avoid excessive pressure which could damage the mandrel.

JOSCO

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**Josco's extensive product range spans
across a broad range of categories:**

- Wire Brushes
- Grinding & Sanding
- Cutting
- Polishing
- Cleaning & Brooms
- Hand Tools & Engineering
- Levels & Measuring Tools
- Lubrication Equipment

**For general enquiries and more information on
Josco products, please contact us at:**

6 Silkwood Drive, Carrum Downs VIC 320

P 03 8794 4300 F 03 9791 1877 E customerservice@josco.com.au

ORDERING INFORMATION

| Part No. | Barcode | Inner Pack Barcode | Outer Pack Barcode |
|---------------|---------------|--------------------|--------------------|
| JDC11540 | 9314028000937 | 19314028000934 | 29314028000931 |
| JDC11560 | 9314028000944 | 19314028000941 | 29314028000948 |
| JDC11580 | 9314028000951 | 19314028000958 | 29314028000955 |
| JDC12740 | 9314028203796 | 19314028203793 | 29314028203790 |
| JDC12760 | 9314028203802 | 19314028203809 | 29314028203806 |
| JDC12780 | 9314028203819 | 19314028203816 | 29314028203813 |
| JDZ10040 | 9314028203826 | 19314028203823 | 29314028203820 |
| JDZ10060 | 9314028203833 | 19314028203830 | 29314028203837 |
| JDZ10080 | 9314028203840 | 19314028203847 | 29314028203844 |
| JDZ100120 | 9314028203857 | 19314028203854 | 29314028203851 |
| JDZ11540 | 9314028203864 | 19314028203861 | 29314028203868 |
| JDZ11560 | 9314028203871 | 19314028203878 | 29314028203875 |
| JDZ11580 | 9314028203888 | 19314028203885 | 29314028203882 |
| JDZ115120 | 9314028203895 | 19314028203892 | 29314028203899 |
| JDZ12740 | 9314028203901 | 19314028203908 | 29314028203905 |
| JDZ12760 | 9314028203918 | 19314028203915 | 29314028203912 |
| JDZ12780 | 9314028203925 | 19314028203922 | 29314028203929 |
| JPD100F | 9314028005116 | 19314028005120 | 29314028005127 |
| JPD100M | 9314028005130 | 19314028005137 | 29314028005134 |
| JPD100C | 9314028005123 | 19314028005113 | 29314028005110 |
| JPD115F | 9314028001002 | 19314028001009 | 29314028001006 |
| JPD115M | 9314028001019 | 19314028001016 | 29314028001013 |
| JPD115C | 9314028000999 | 19314028000996 | 29314028000993 |
| JPD125F | 9314028001033 | 19314028001030 | 29314028001037 |
| JPD125M | 9314028001040 | 19314028001047 | 29314028001044 |
| JPD125C | 9314028001026 | 19314028001023 | 29314028001020 |
| CONTOURCOARSE | 9314028260539 | 19314028260536 | 29314028260533 |
| FW3015040C | 9314028263011 | 19314028263018 | 29314028263015 |
| FW3015060C | 9314028263028 | 19314028263025 | 29314028263022 |
| FW3015080C | 9314028263035 | 19314028263032 | 29314028263039 |
| FW3015120C | 9314028263042 | 19314028263049 | 29314028263046 |
| FW4015040C | 9314028263059 | 19314028263056 | 29314028263053 |
| FW4015060C | 9314028263066 | 19314028263063 | 29314028263060 |
| FW4015080C | 9314028263073 | 19314028263070 | 29314028263077 |
| FW4015120C | 9314028263080 | 19314028263087 | 29314028263084 |
| FW5020040C | 9314028263097 | 19314028263094 | 29314028263091 |
| FW5020060C | 9314028263103 | 19314028263100 | 29314028263107 |
| FW5020080C | 9314028263110 | 19314028263117 | 29314028263114 |
| FW5020120C | 9314028263127 | 19314028263124 | 29314028263121 |
| FW6030040C | 9314028263134 | 19314028263131 | 29314028263138 |
| FW6030060C | 9314028263141 | 19314028263148 | 29314028263145 |
| FW6030080C | 9314028263158 | 19314028263155 | 29314028263152 |
| FW6030120C | 9314028263165 | 19314028263162 | 29314028263169 |

| Part No. | Barcode | Inner Pack Barcode | Outer Pack Barcode |
|-----------------|----------------|---------------------------|---------------------------|
| FW8030040C | 9314028263172 | 19314028263179 | 29314028263176 |
| FW8030060C | 9314028263189 | 19314028263186 | 29314028263183 |
| FW8030080C | 9314028263196 | 19314028263193 | 29314028263190 |
| FW8030120C | 9314028263202 | 19314028263209 | 29314028263206 |
| JMPK5 | 9314028410958 | 19314028410955 | 29314028410952 |
| JMPK5M | 9314028410965 | 19314028410962 | 29314028410969 |
| JMPA1 | 9314028410002 | 19314028410009 | 29314028410006 |
| JMPA11 | 9314028410064 | 19314028410061 | 29314028410068 |
| JMPA12 | 9314028410071 | 19314028410078 | 29314028410075 |
| JMPA24 | 9314028410132 | 19314028410139 | 29314028410136 |
| JMPA3 | 9314028410026 | 19314028410023 | 29314028410020 |
| JMPA3S | 9314028410033 | 19314028410030 | 29314028410037 |
| JMPA5 | 9314028410057 | 19314028410054 | 29314028410051 |
| JMPW162 | 9314028410552 | 19314028410559 | 29314028410556 |
| JMPW177 | 9314028410613 | 19314028410610 | 29314028410617 |
| JMPW189 | 9314028410699 | 19314028410696 | 29314028410693 |
| JMPW208 | 9314028410781 | 19314028410788 | 29314028410785 |
| JMPW220 | 9314028410828 | 19314028410825 | 29314028410822 |
| JMPW228 | 9314028410866 | 19314028410863 | 29314028410860 |
| JMPW232 | 9314028410880 | 19314028410887 | 29314028410884 |
| JMPW242 | 9314028410903 | 19314028410900 | 29314028410907 |