



# CHAINS

Product Overview



## ABOUT US

Established in 1974 as a single bearing shop in Durban, South Africa; BMG's aggressive growth strategy has included acquisitions, supplemented by a steady organic growth discipline. BMG attracts best-of-breed talent resulting in technical expertise that differentiates BMG in the industry. Staff are truly part of the BMG family and its success.

BMG boasts an accredited in-house technical and commercial training academy which fosters a culture of staff development and career advancement; it's all about sustainability.

The net result, is a company that reliably supplies and supports 70 000 customers in 15 countries with the widest range of industrial engineered products and expert services in Africa via 105 branches.

BMG is positioned to deliver bespoke 360 degree solutions to its customers, and subsequently return on investment to its investors and shareholders. BMG plays a pivotal role in supporting the productivity and production targets of all Industrial, Manufacturing, Mining and Agricultural sectors of the economies in the countries it serves. With an enviable reputation as Africa's largest distributor, manufacturer and service provider of the highest quality engineering consumables and components; including

- Bearings & Seals
- Power Transmission Components
- Drives, Motors and Controllers
- Hydraulics, Pneumatics and Filtration
- Heavy and Light Duty Materials Handling
- Valves and Lubrication
- Fasteners, Gaskets and Tools

BMG is a level 4 BEE contributor with ISO 9001 Quality Assurance certification. Health and safety of its employees and customers is a paramount focus and the company adheres to ISO 45001. BMG is also committed to environmental care and sustainability and strictly follows the ISO 14001 charter.

As a key contributor to the Invicta Holdings stable, BMG has played a major part in Invicta's unique achievement of being rated in South Africa's Top 100 Companies for 21 consecutive years.



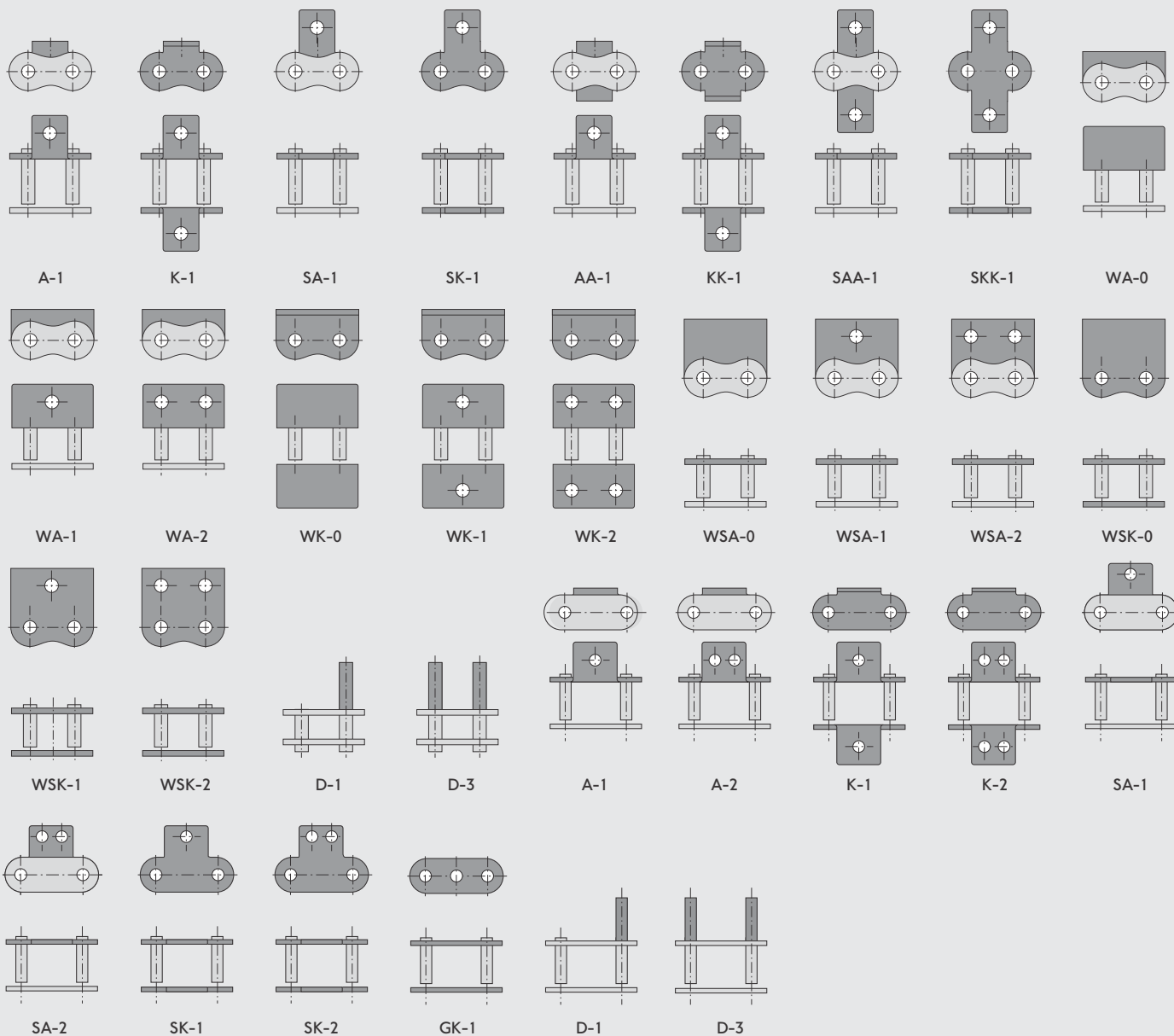
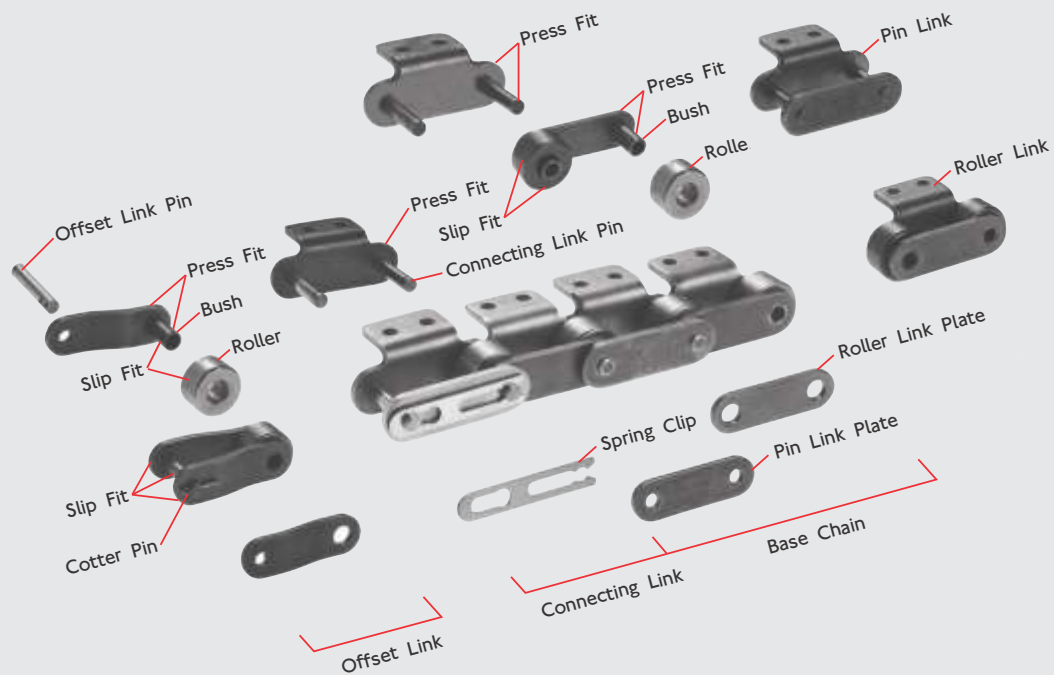
# TABLE OF CONTENTS

## INDEX

Attachment Chain Structure	1
BS & ANSI Standard Attachment Chain	2
Chain Drives	3-5
Custom Attachment Chain Worksheet	6



# ATTACHMENT CHAIN STRUCTURE



# BS & ANSI STANDARD ATTACHMENT CHAIN

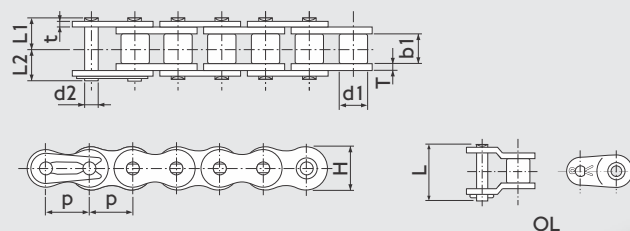
## BS Standard Attachment Chain

### Construction

This chain is based on standard BS roller chain and assembled with attachments for conveying.

### Key Features

- Due to the small pitch of these chains, the drive design is more compact.
- Usually sprockets with a large number of teeth are used. The chain speed does not vary significantly as the chain engages with sprockets. With less impact, there is also less noise generated as a result of the impact between the roller and sprocket tooth.
- These chains may be used for high speed conveyor applications.
- A wide variety of standard and special attachments are available for this chain series.



**K-1 Attachment**

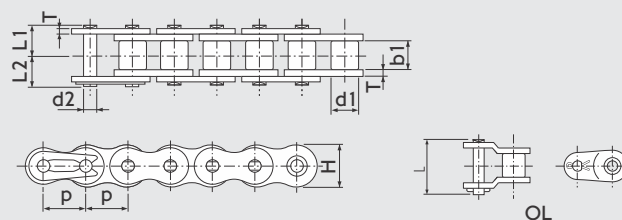
## ANSI Standard Attachment Chain

### Construction

This chain is based on standard ANSI roller chain with attachments added for conveying.

### Key Features

- Due to the small pitch of these chains, the drive design is smaller.
- Usually sprockets with a large number of teeth are used. The chain speed does not vary significantly as the chain engages with sprockets. With less impact, there is also less noise generated as a result of the impact between the roller and sprocket tooth.
- These chains may be used for high-speed conveyors.
- A wide variety of standard attachments and special attachments is available for this chain series.



**Double Pitch A-2 Attachment**

Classification	Chain Series	Tsubaki Chain Type	Features
General	BS standard attachment chain series	BS single pitch standard BS single pitch RF	All major chain attachments available Straight side plate for direct conveying
	ANSI standard attachment chain series	ANSI single pitch standard ANSI single pitch RF ANSI single pitch RU ANSI double pitch standard ANSI double pitch HP	All major chain attachments available Hollow pin chain Curved chain (side bow chain) For longer conveyor lines Hollow pin chain

# CHAIN DRIVES

## Transmission Chain

- British Standard Roller Chain
- Sharp Top Chain (Serrated)
- Silent Chain
- Double Pitch Chain
- Duplex Chain
- Attachment Chain
- American Standard Roller Chain
- Leaf Chain
- Motorcycle Chain
- Simplex Chain
- Triplex Chain
- Chain Breakers



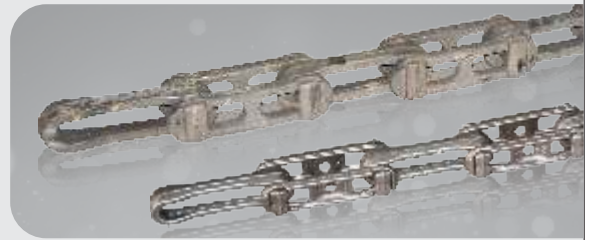
## Conveyor Chain / Metric Conveyor Chain

- Solid Pin Chain
- Deep Link Chain
- Rollers Type C (Standard Roller)
- Extended Pins
- FV Range
- Ranges with special attachments
- Hollow Pin Chain
- Rollers Type A (Non-roller)
- Roller Type D (Flange Roller)
- Attachment Chain
- M Range
- Special Sprockets



## Drop Forge Chain

- Drop Forge Rivet Less Chain
- Drop Forge Rivet Less Chain with Extended Pins
- Trolley Half's
- Sprockets



## Forge Scraper Chain

- Forge Chain
- Flight Arrangements
- Sprockets
- Traction Wheel
- Forge Link Double Series
- Flights Design
- Split Sprockets



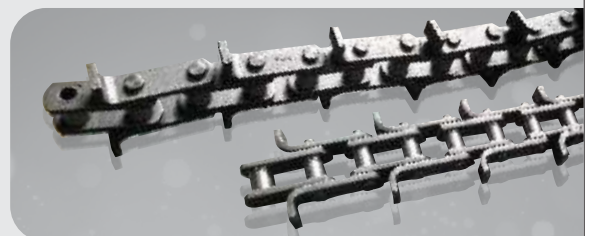
## Bushed Roller Chain

- Offset Sidebar Chain
- Offset Sidebar Chains to API and DIN8182
- Offset Sidebar Chains to American Std ANSI 29.10 and DIN8182
- Special Sprockets



## Mining Chain

- Tram Chain
- Engineering Class Shuttle Car
- Wash Box Chain
- Apron Chain and Rollers
- Feeder Breaker Chain
- Buffalo Feeder Breaker Chain
- Reclaimer Chain
- Special Sprockets







- Plain Chain
- Attachment Chain
- Cast Combination Chain Paver
- Special Sprockets

## Combination Chain



- W Range
- WH Range
- WDH Range
- WHX Range

## Welded Steel Chain

- Chain with attachments
- Special Sprockets



- Track Chain
- Take up Units
- Sprockets
- Carriers
- Complete System

## Unibilt Chain

- Track & Curve
- Drive Units
- Traction Wheel
- Switches



- Standard British / American Roller Chain
- S & C Type Steel Agricultural Chain
- Combination Chain
- Corn Picker Chain & Sprockets
- Pilot Bore Sprocket

## Agricultural Chain

- Planter Chain
- Baler Chain
- Taper Lock Sprocket
- Pate Wheel Sprocket
- Chain Lubrication

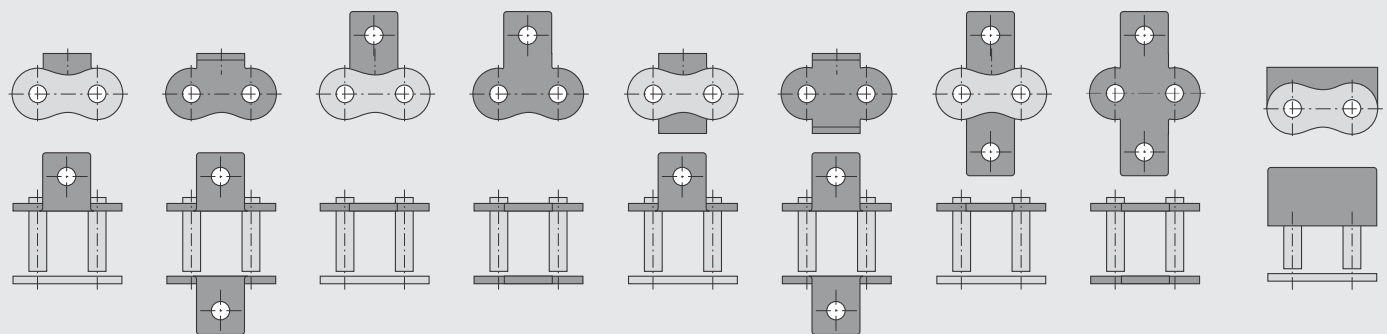


- Split Sprockets
- Taper Lock Sprockets
- Conveyor Sprockets

## Special Sprockets

- Segmented Sprockets
- Pilot Bore Sprockets
- Traction Wheels

# CHAIN DRIVES



A-1

K-1

SA-1

SK-1

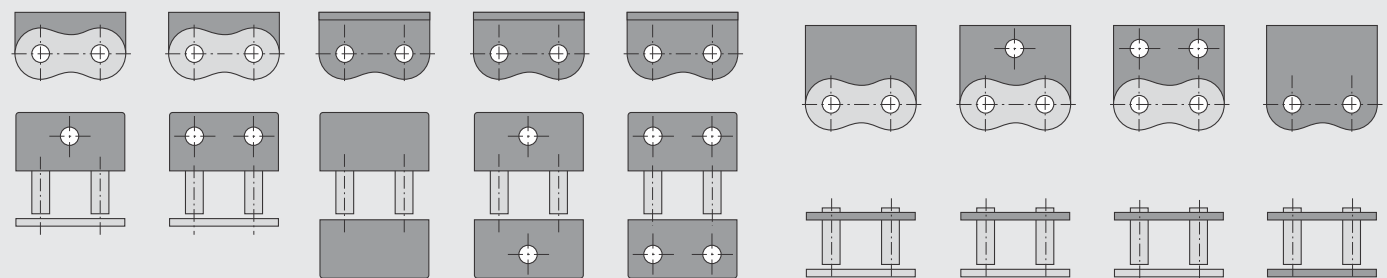
AA-1

KK-1

SAA-1

SKK-1

WA-0



WA-1

WA-2

WK-0

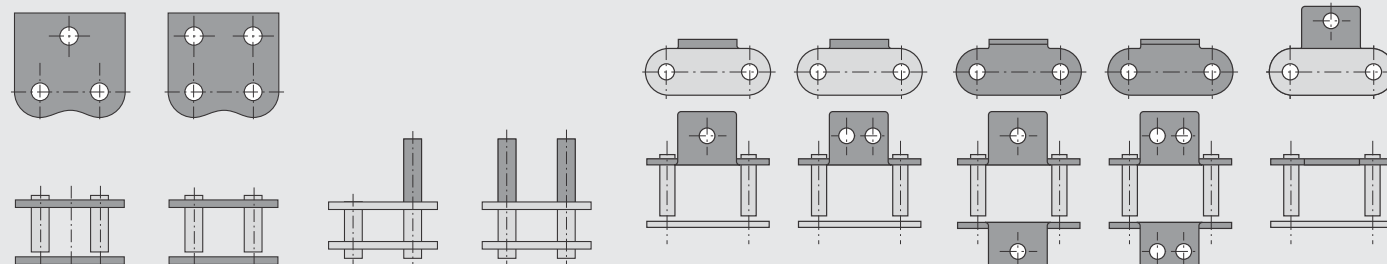
WK-1

WK-2

WSA-0

WSA-1

WSK-0



WSK-1

WSK-2

D-1

D-3

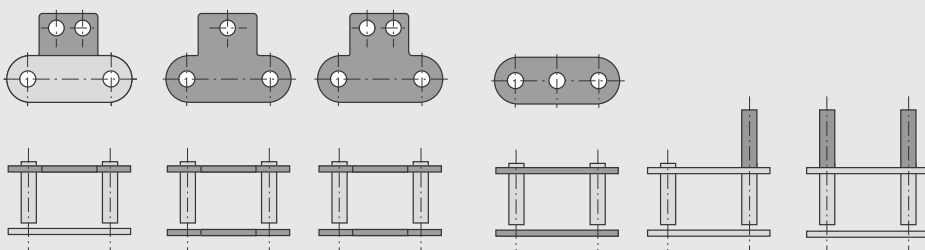
A-1

A-2

K-1

K-2

SA-1



SA-2

SK-1

SK-2

GK-1

D-1

D-3



# CUSTOM ATTACHMENT CHAIN WORKSHEET

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone / Fax: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Base Chain Size (ANSI /BS): \_\_\_\_\_

Quantity / Number of Chains: \_\_\_\_\_

Length: \_\_\_\_\_ Number of Pitches: \_\_\_\_\_

or Inches: \_\_\_\_\_

If uneven number of pitches, specify: \_\_\_\_\_

Roller link on each end: \_\_\_\_\_

Offset connecting link: \_\_\_\_\_

Type of offset: Riv. \_\_\_\_\_ Cot: \_\_\_\_\_

Construction: Riveted: \_\_\_\_\_ Cottered: \_\_\_\_\_

Material: ☐ Standard Carbon

☐ Nickel-Plated

☐ Other

☐ Stainless

☐ Lambda

Attachment: Standard ☐ Yes ☐ No

Wide Contour: \_\_\_\_\_

## SPECIAL DIMENSIONS

Pitch: \_\_\_\_\_

Single: \_\_\_\_\_

Double: \_\_\_\_\_

Special (specify): \_\_\_\_\_

Side Plate: \_\_\_\_\_

Rollers: \_\_\_\_\_

Width: \_\_\_\_\_

Diameter: \_\_\_\_\_

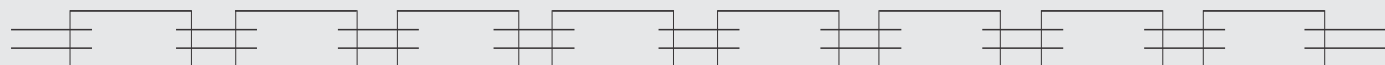
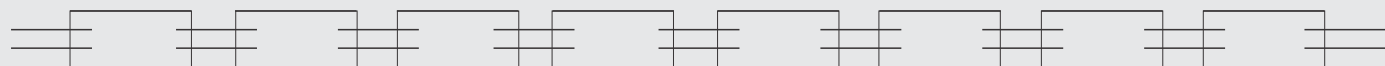
Solid: \_\_\_\_\_

Split: \_\_\_\_\_

Other Special Requirements: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





# BRINGING THE WORLD'S BEST BRANDS TO YOU

In the bid to procure cutting-edge components at competitive prices, BMG is able to capitalise on long-standing relationships with leading manufacturers dedicated to excellence in design and production.

Products are imported from around the globe and brought to BMG's strategically located distribution facilities and regional service centres via the main distribution hub in Johannesburg - BMG World. A world-class facility boasting 308 000m<sup>3</sup> of fully stocked warehouse space, an accredited training facility and unlimited engineering capabilities.

## Preferred Brands:

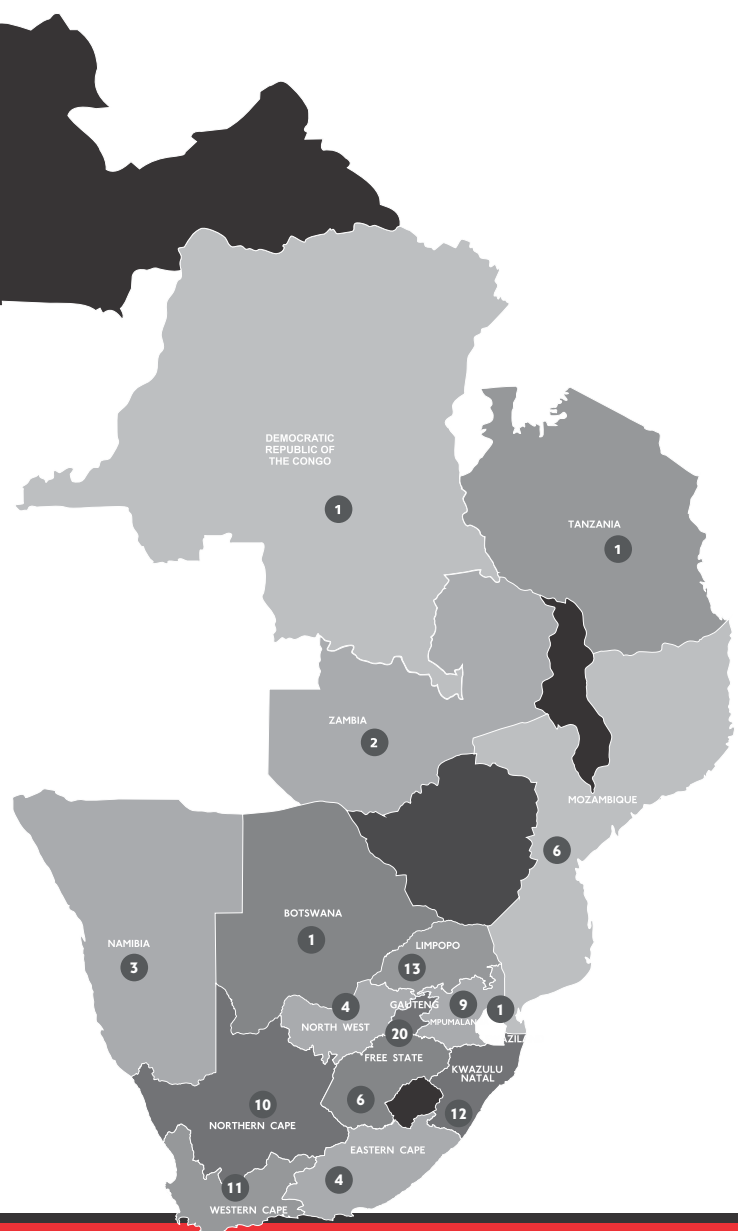


## Our Extensive Coverage Throughout Africa

**105**  
BRANCHES

Products and services are distributed via BMG's extensive distribution network. It's through the sheer size and reach of our infrastructure, that BMG can be found wherever industry has established itself; delivering the correct components at the right time, to the far-flung coalface of our customers' operations.

- Over 300 000 product line items
- Around 4 500 transfers per day out of BMG World in Johannesburg
- Over 1 000 tons of imported stock landing per month
- 105 strategically situated branches throughout Africa
- Vendor Managed Inventory sites (dedicated on-site stockholding)
- International exports
- Locally empowered distribution chains



# Be PART

24 HR TOLL-FREE EMERGENCY  
BRANCH HELPLINE:

**0800 022 224**

WEBSITE:

**[www.bmgworld.net](http://www.bmgworld.net)**



An Invicta Holdings Group Company

BEARINGS • SEALS • POWER TRANSMISSION • DRIVES & MOTORS  
MATERIALS HANDLING • FASTENERS & TOOLS • HYDRAULICS  
PNEUMATICS • FILTRATION • LUBRICATION • VALVES  
TECHNICAL RESOURCES • FIELD SERVICES

