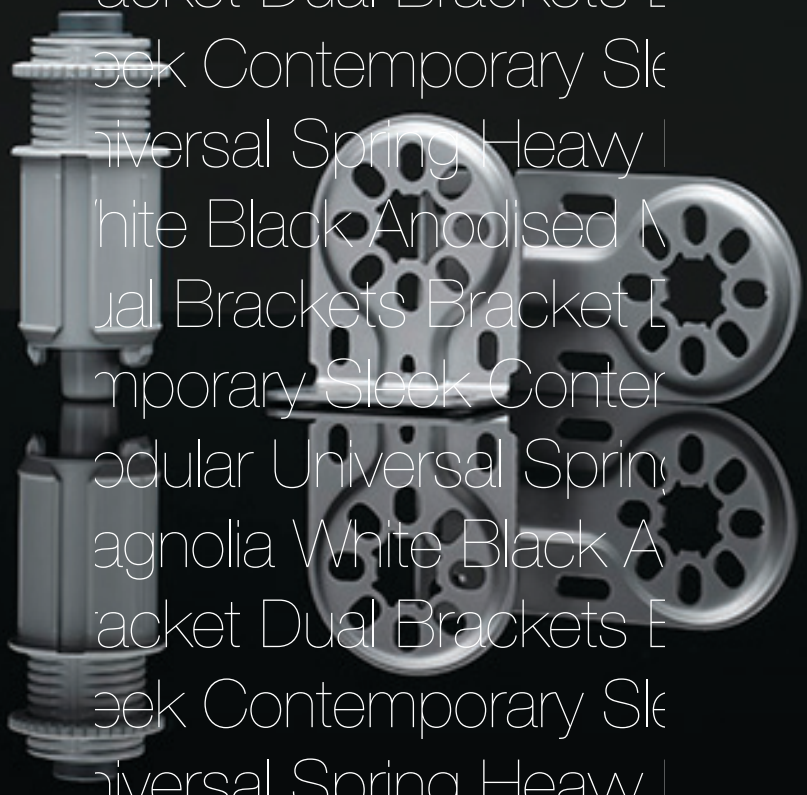
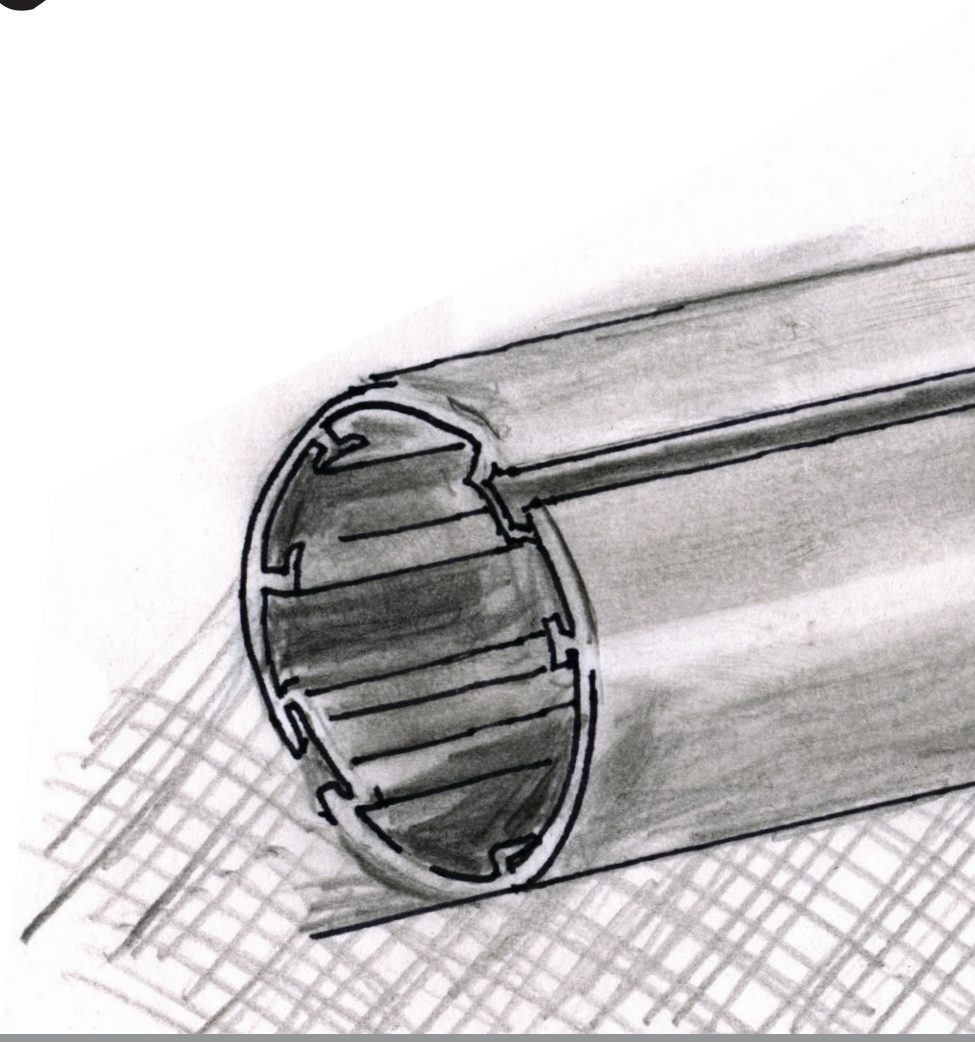
HunterDouglas QUANTUM ROLLER BLIND HARDWARE

Product Information

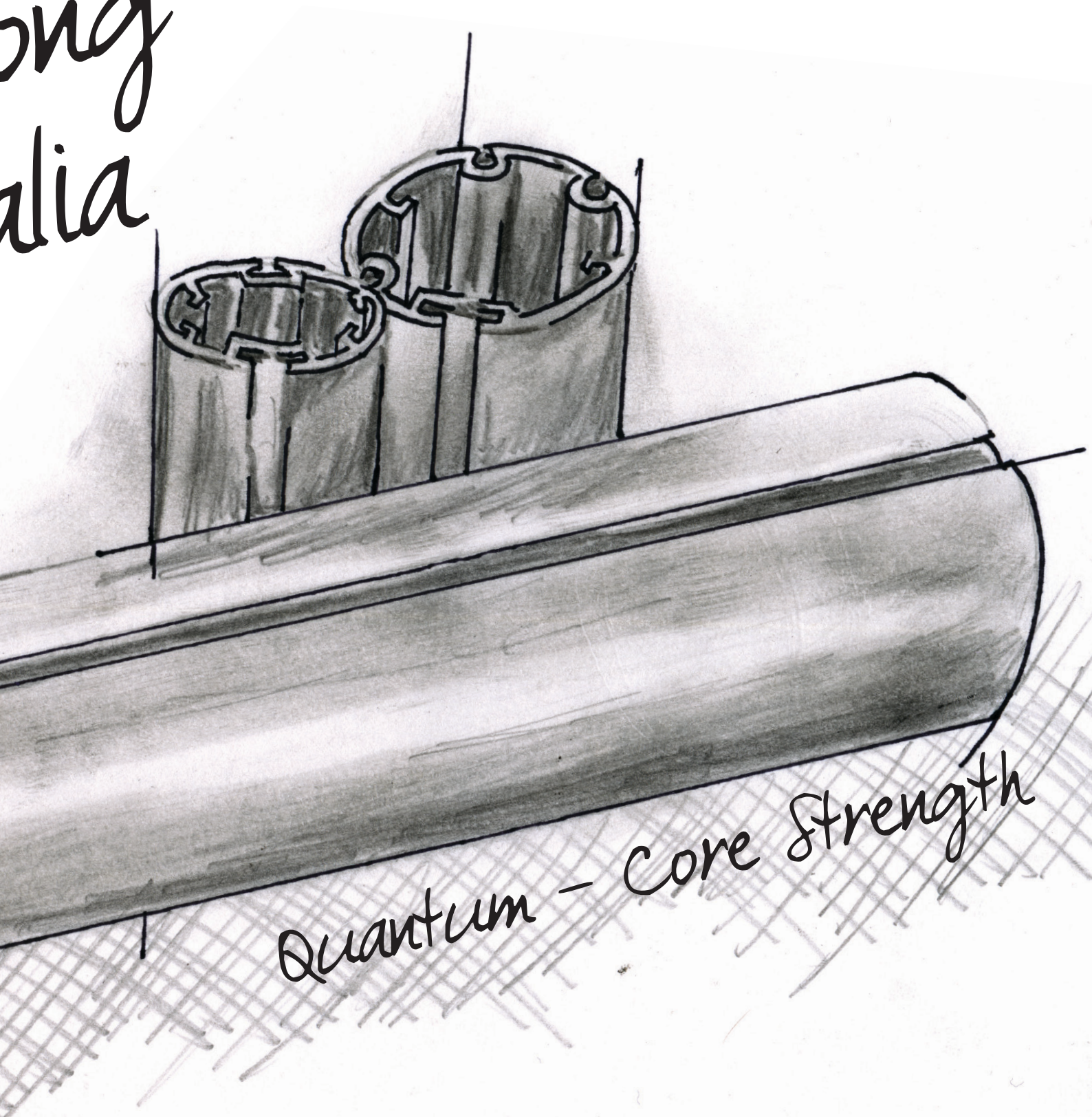


Globally Inspired
Exquisitely crafte
Inherently Str
made for Austra



Featuring a sleek architectural design with smooth operation and unrivalled inner strength, the Quantum Roller Blind Hardware System spans even the largest window expanses beautifully.

Well-designed large blinds make a dramatic statement, defining and controlling heat, light and views. Highly durable hardware and operating systems deliver smooth and reliable operation.



The Evolution of Quantum

Hunter Douglas Worldwide has over 17,000 talented people working in 100 countries across the globe.

With a focus on innovation, design, functionality and style, the Hunter Douglas Group has placed the best and brightest people worldwide to develop an innovative roller blind hardware system that will deliver smooth and reliable operation for any project requirements.

Objectives: Develop a competitive and comprehensive hardware system for medium to large sized roller blinds. A highly durable system that makes a dramatic and functional statement, defining and controlling heat, light and views for retail and commercial markets.

Design and Engineer Input: Hunter Douglas World Wide

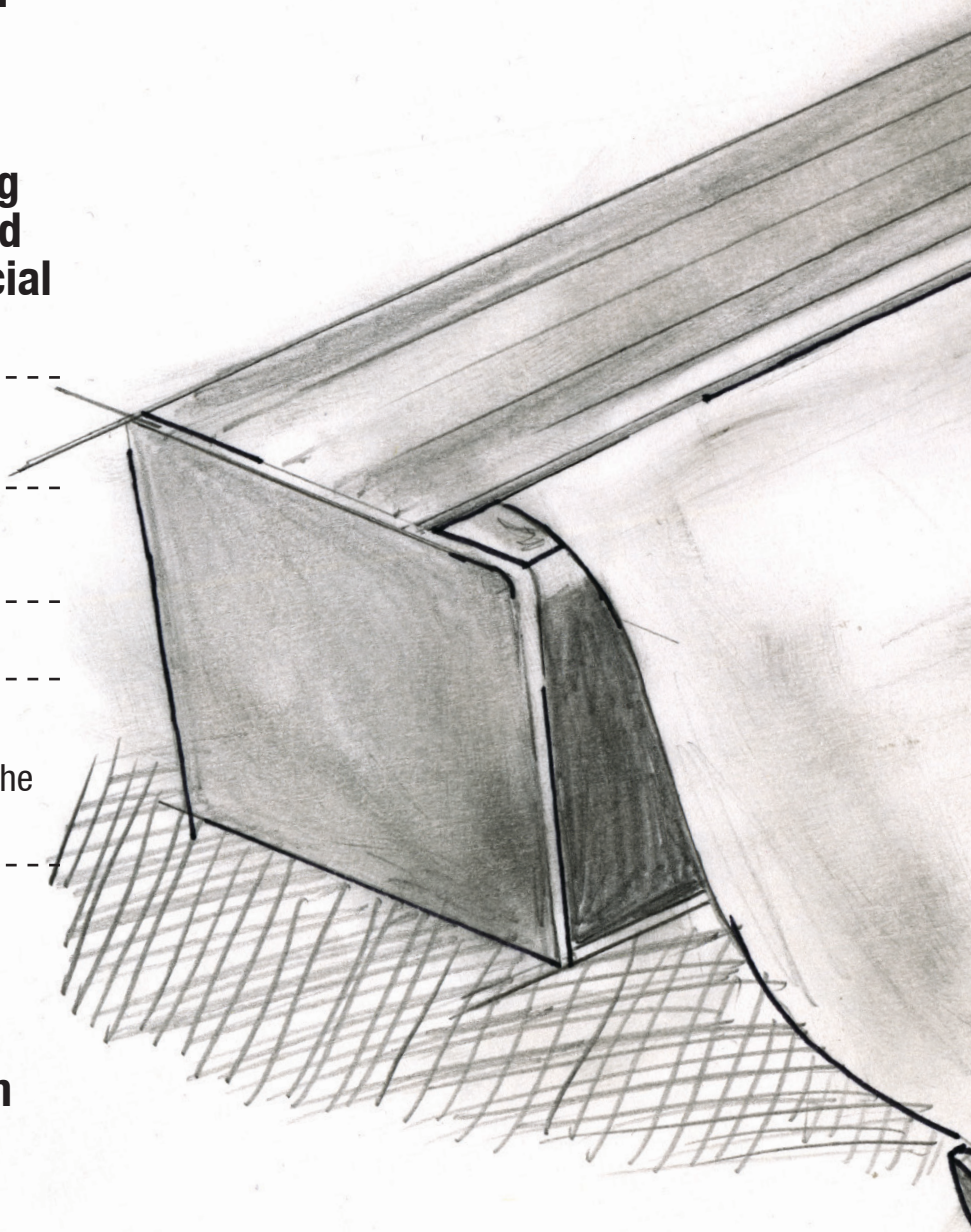
Research and Development: Germany, Belgium, Netherlands and Australia

Production: Asia and Europe

Already Released: Germany, United States, Austria, Czech Republic, France, Holland, Ireland, Russia, Brazil, Dubai, The Netherlands, Middle East and Spain.

Outcome: Quantum is an innovative Roller Blind Hardware System that includes:

- **Smooth and Light operation**
- **Inner Strength**
- **Quality Aesthetics**
- **Ease of Assembly and Installation**
- **Complete Suite of Products**



QUANTUM ROLLER BLIND HARDWARE

Key Features

Sleek Finish
Bracket covers have been developed to ensure a high quality sleek finish for all blinds. Perfect for all face fit installations.

Universal Simplicity
All brackets are universal, ensuring incorrect components are no longer an issue for installation. The Universal brackets also assist with reducing inventory - simply perfect!

Choose from 38mm & 55mm brackets, providing an installation solution for the most challenging projects and maximising capacity for the lengthiest drops.

Core Strength
Three robust aluminium roller tubes have been engineered for minimal deflection and large expanses - 37mm, Heavy Duty (HD) 37mm and 50mm.

The option of 37mm and HD37mm tubes allows you to create a uniformed look throughout the project across various widths.

Faultless Idle
The unique idle component provides an additional 14mm of tolerance for correction of measuring and installation mistakes when required. The idle component also features a locking ring for ultimate safety.

The locking ring idle end is used for linked systems and blinds using a spring booster to secure the roller in place.

Lite Lift

The durable standard clutch is available with two ratio mechanisms 1:1 and 1:1.75 which enables a heavier blind to be lifted without the need of a spring booster. It is also aesthetically pleasing in one size format which is capable of lifting a range of shade weights.

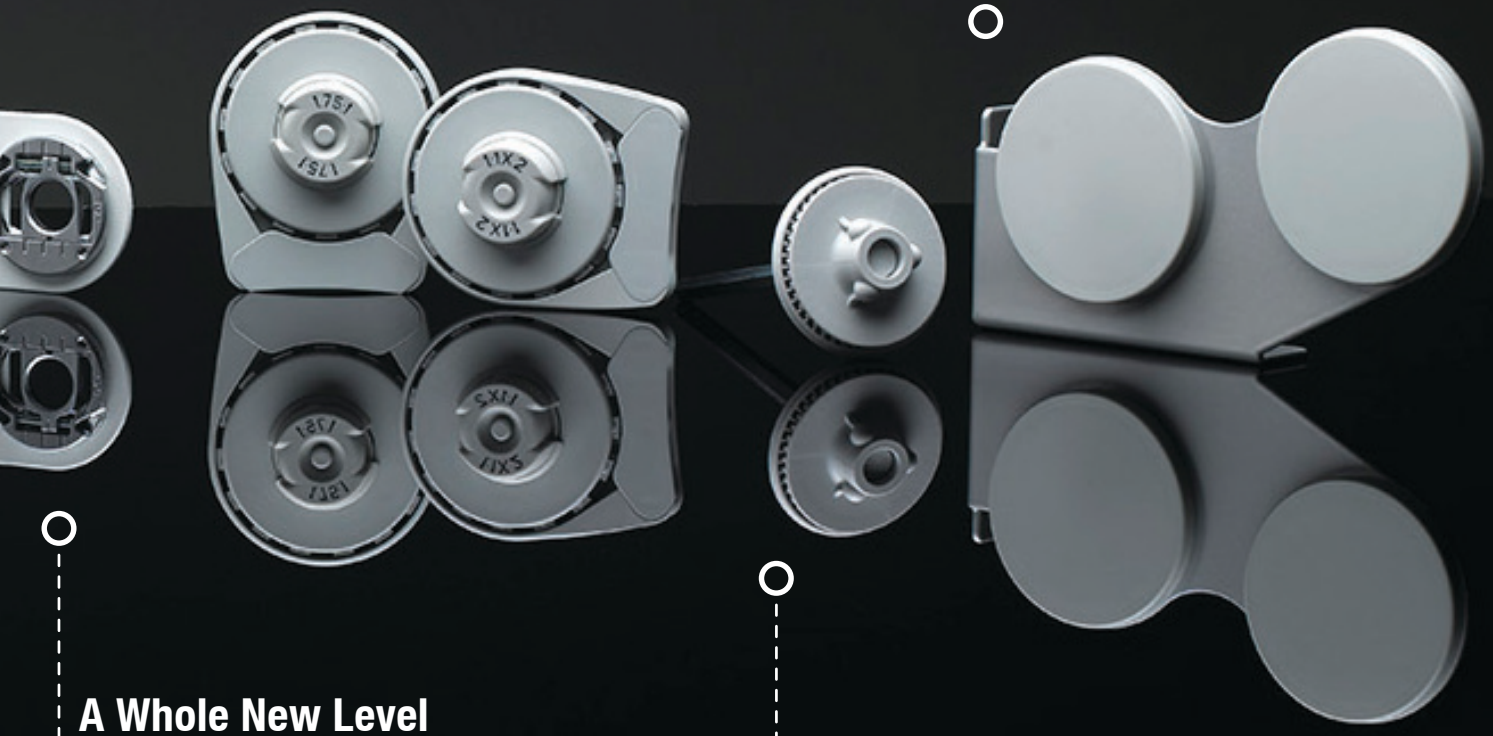
Chain drive is easily removable and can be shipped as a separate unit to minimise transit damage as well as help the installation process.

Double Flexibility

Two compact dual bracket designs are available:

- The standard (under) roll configuration ensures the blind skin can be fitted close to the window minimising light into the room.
- The reverse (over) roll configuration provides a self-pelmet effect, covering the low blind and is available with same side controls.

Both dual brackets have universal mounting options (top or face installation) and can be used in conjunction with the linking systems.



A Whole New Level

The integrated product leveller allows the installer to adjust the blind for windows that are not square. Alternatively this can be used to adjust the intermediate opening on linked blinds.

Fine Adjustments

Two standard linked system options are available:

- The Aligner Set, maximises flexibility during installation with a fine adjustment option for aligning the tail blind.

- The Connector Set, minimises the intermediate light gap on linked configurations.

Uniquely both linking systems have 15º play for added flexibility during installation.

FEATURES AND BENEFITS Continued

Smooth and Light Operation

- The modular operating system accommodates chain and motorised applications.
- Universal spring loaded idle ends provide for smooth and easy installation.

Inner Strength

- The aluminium tube is available in 3 sizes - 37mm, Heavy Duty (HD) 37mm and 50mm. Each tube has been engineered to perform well with minimal deflection over large expanses.
- The skin can be applied to both the HD 37mm and 50mm tubes with either tape or spline.

Quality Aesthetics

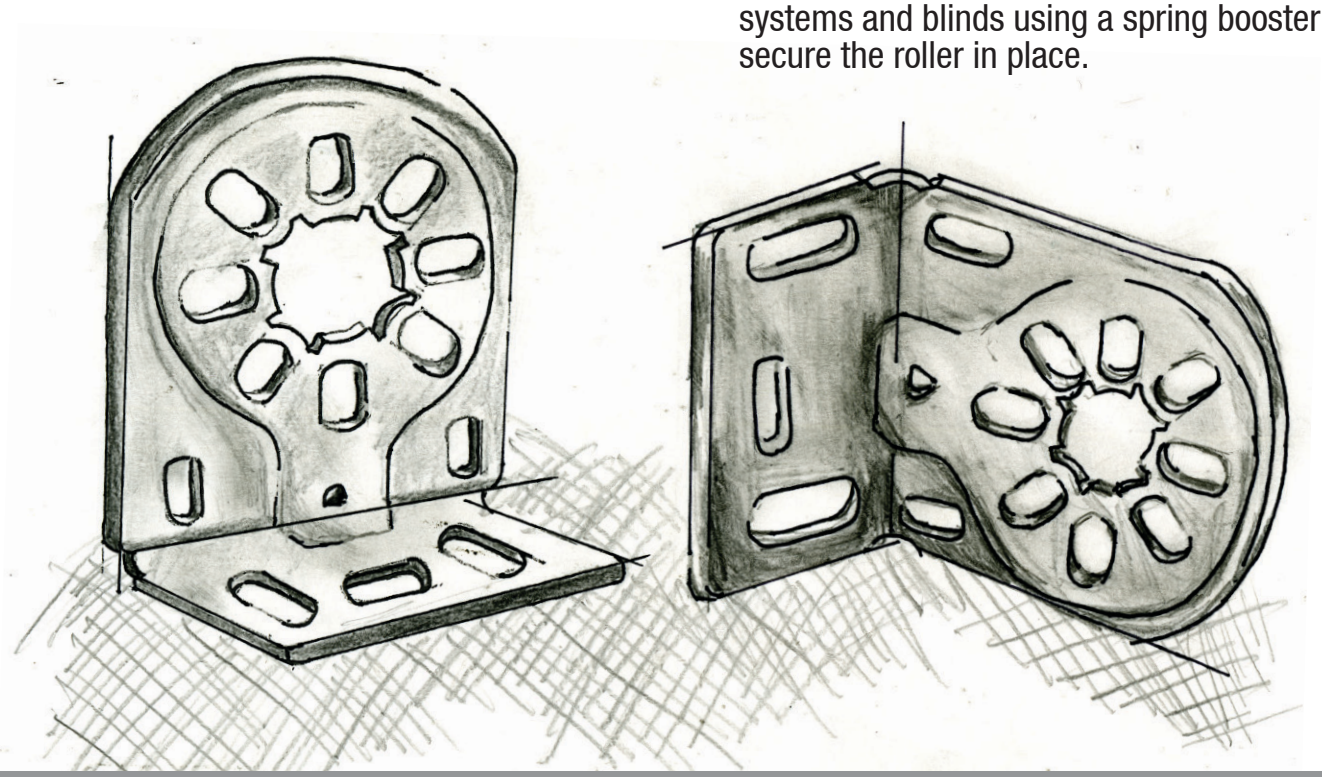
- Components are available in four colour options - White, Black, Anodised and Magnolia.
- All brackets are universal which reduces the likelihood of supplying incorrect components and minimises the stock investment.
- Two bracket sizes are available, 38mm and 55mm which ensures the correct bracket can be selected for challenging installations and maximising the drop capacity.

Complete Suite of Products

- A 45° and 90° linked mechanism are available for bay window installations.
- An independent linking option is available for configurations that require multiple operation.
- A sleek (84mm projection) and contemporary headbox and fascia system are available in both an anodised and powder coated finish with colour coded endcaps.
- Both the headbox and fascia systems can be installed in both reveal and face fit positions and have a snap lock cover for easy access and maintenance.
- To obtain block out, the headbox system can be installed with side channels, available in both a powder coated or anodised finish.

Ease of Assembly and Installation

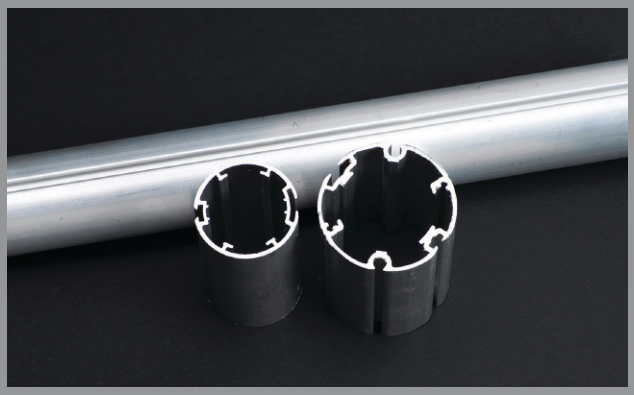
- The chain mechanism is removable, which can reduce the risk of damage in transit as well as help the installation process.
- There are 2 idle plugs available allowing up to 14mm tolerance for easier installation.
- The locking ring idle end is used for linked systems and blinds using a spring booster to secure the roller in place.



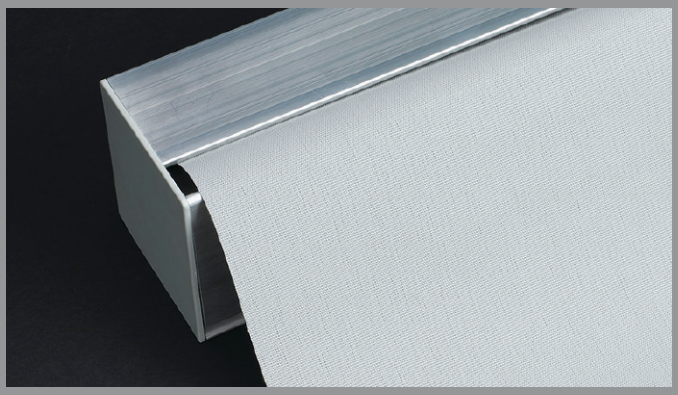
Integrated Leveller

Spline Application

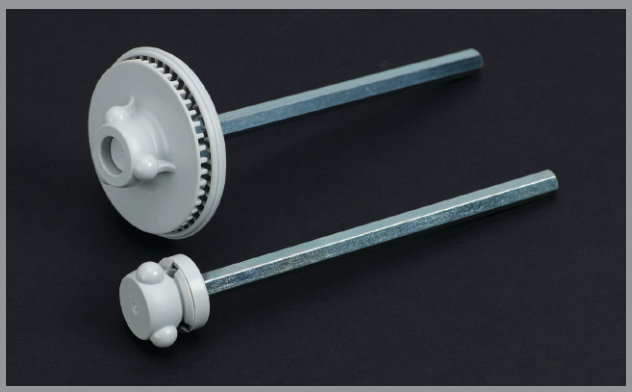
Aluminium Tubes



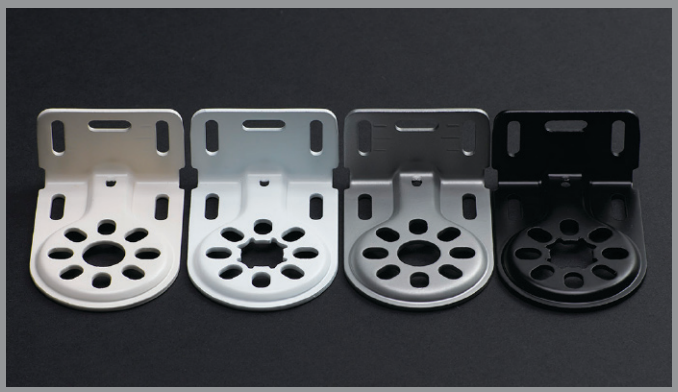
Contemporary Headbox System



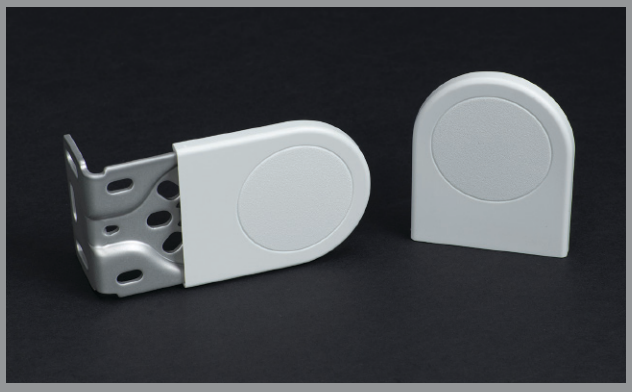
Linking Options



Four Colour Options



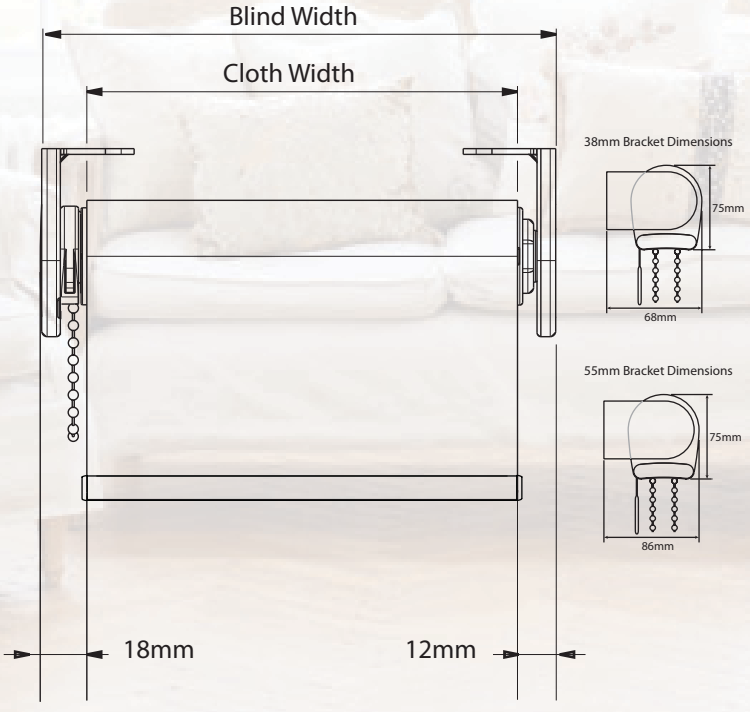
Sleek Bracket Covers



Removable Chain Mechanism

QUANTUM STANDARD ROLLER BLIND SYSTEM

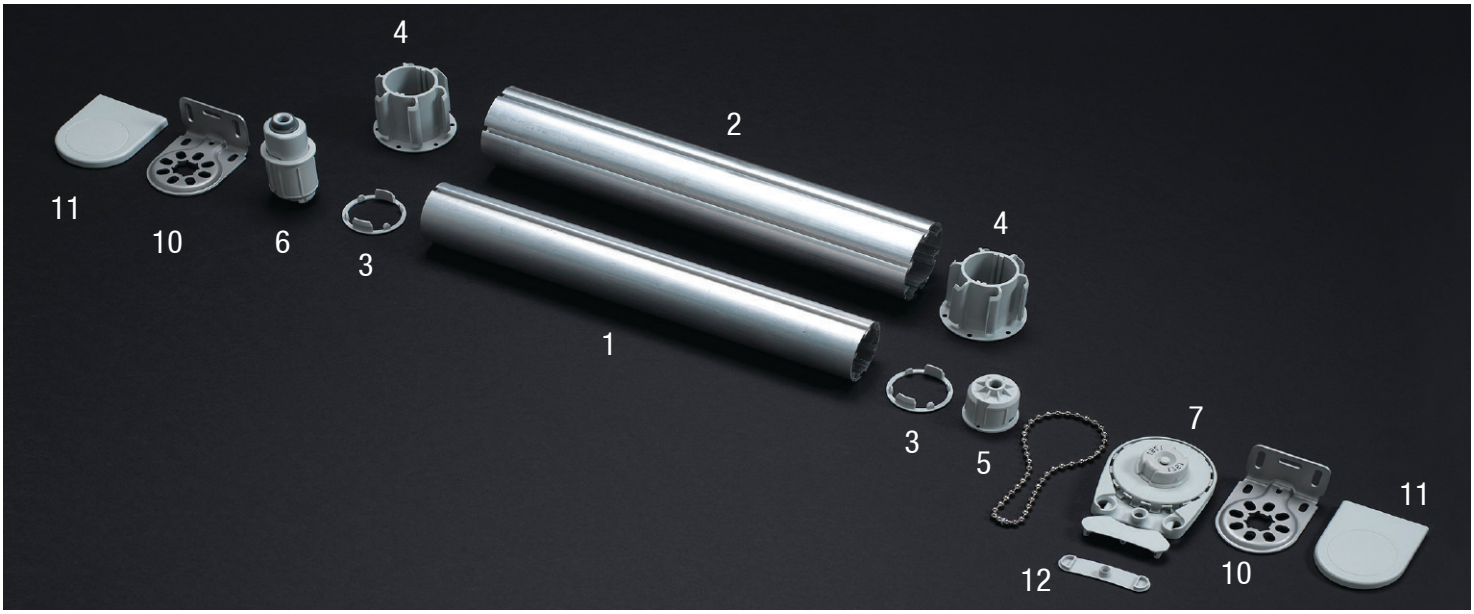
Dimensions



38mm Bracket Dimensions

55mm Bracket Dimensions

NOTE: Allow an extra 2mm deduction for each end cap.



Chain Drive and Idle Components

#	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	PACK UNIT	PACK CONTENT
7	24.7125.XXXX	Chain Drive 1:1	PC	1	200*
Not Shown	24.7124.XXXX	Chain Drive 1.75:1	PC	1	200*
12	24.7127.XXXX	Chain Drive Cover Plate	PC	1	200*
5	24.7122.XXXX	31mm Tube Plug	PC	1	200*
3	24.7121.XXXX	37mm Tube Adapter	PC	1	200*
4	24.7128.XXXXA	50mm Tube Adapter	PC	1	50
6	24.7120.XXXX	Idle End	PC	1	200*

Bracket and Tensioner Components

#	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	PACK UNIT	PACK CONTENT
10	24.7100.XXXX	Bracket 38mm	PC	1	200*
Not Shown	24.7102.XXXX	Bracket 55mm	PC	1	200*
11	24.7110.XXXX	Bracket Cover 38mm	PC	1	200*
Not Shown	24.7114.XXXX	Bracket Cover 55mm	PC	1	200*
13	24.7193.XXXXA	Levelling Bracket 38mm	PC	1	10
14	24.7196.XXXXA	Integrated Leveller	PC	1	10
Not Shown	24.7197.XXXXA	Integrated Leveller Key	PC	1	10

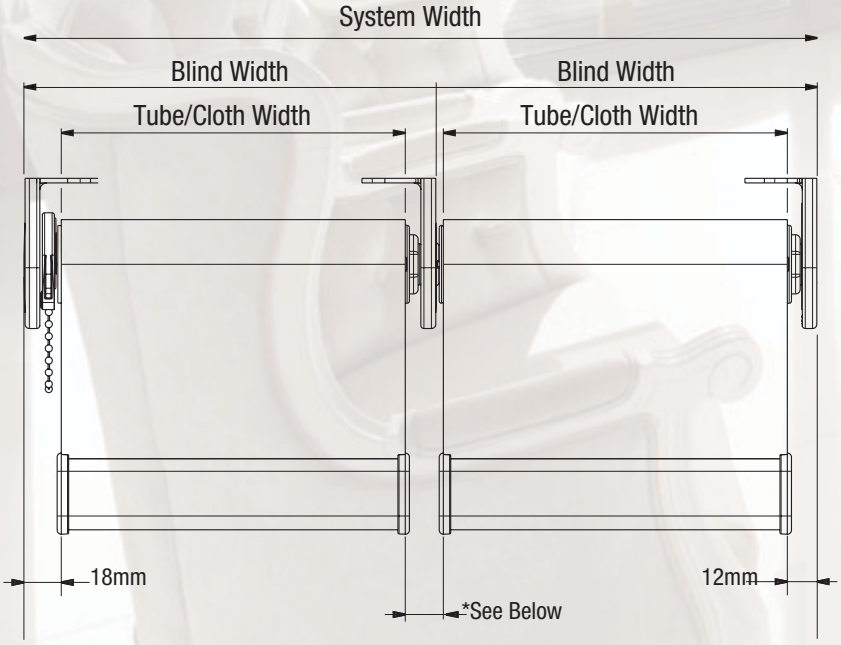
Aluminium Tubes and Springs

#	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	PACK UNIT	PACK CONTENT
Not Shown	24.7200.0000	37mm Tube	MT	5.8	10
1	24.7002.0000	HD 37mm Tube	MT	5.8	8
2	24.7201.0000	50mm Tube	MT	5.8	8
Not Shown	24.7202.XXXX	37mm Spring	EA	1	5
Not Shown	24.7203.XXXX	50mm Spring	EA	1	5

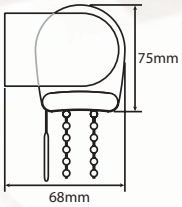
XXXX = Available in 0155 (White), 0952 (Grey), 1858 (Black), 4459 (Magnolia).. *Grey and Magnolia available in smaller pack sizes.

QUANTUM LINKED ROLLER BLIND SYSTEM

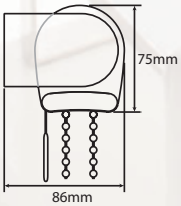
Dimensions



38mm Bracket Dimensions

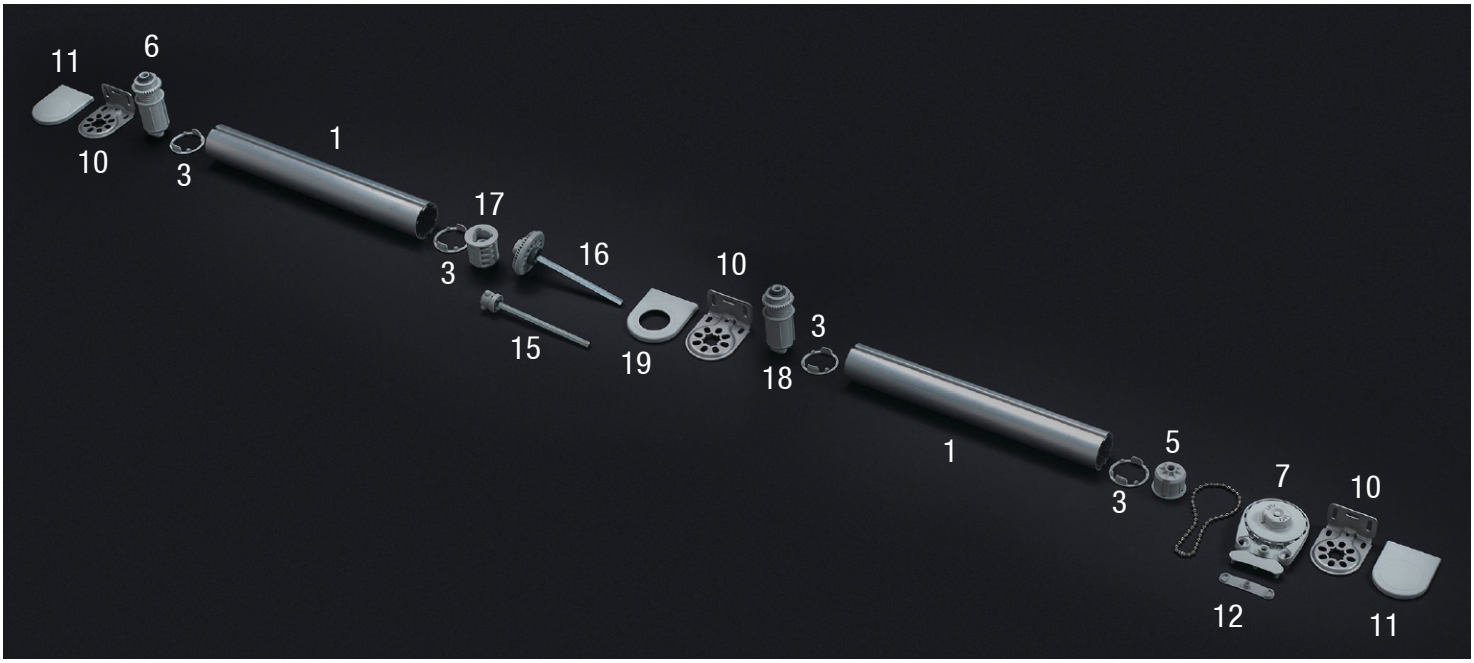


55mm Bracket Dimensions



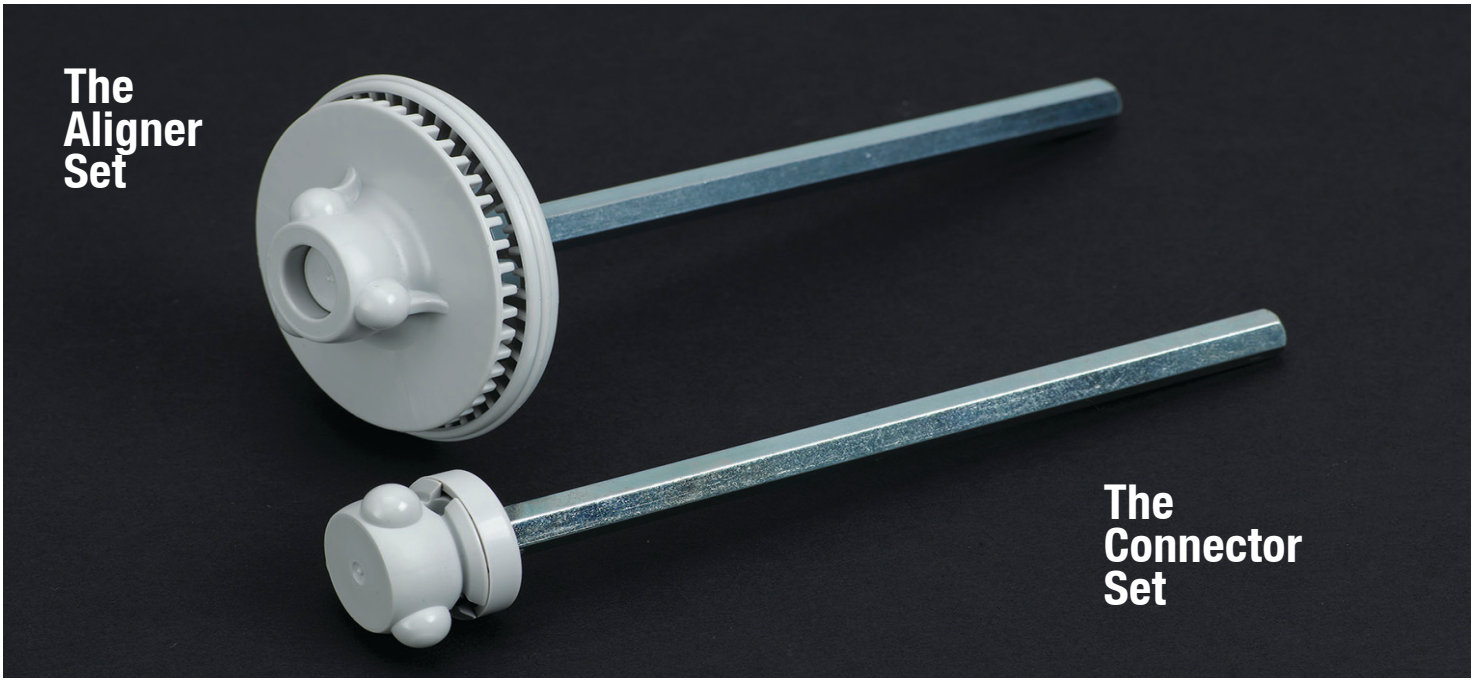
NOTE: Allow an extra 2mm deduction for each end cap.

* Straight Connector = 17mm Aligner Connector = 22mm



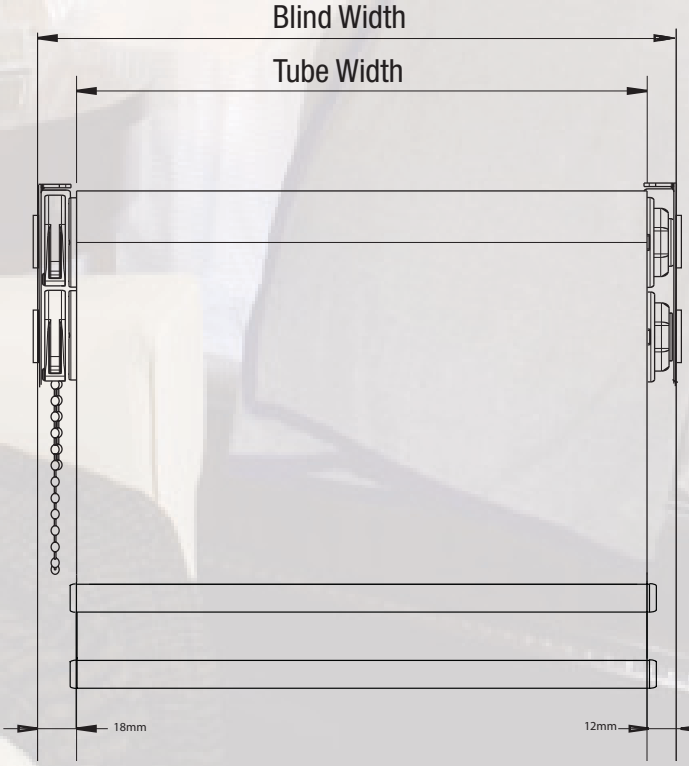
#	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	PACK UNIT	PACK CONTENT
15	24.7134.XXXXA	Connector Set (120mm)	PC	1	5
16	24.7133.XXXXA	Aligner Set (120mm)	PC	1	5
Not Shown	24.7138.XXXXA	Aligner Set (300mm)	PC	1	5
17	24.7123.XXXXA	Tube Plug Connector	PC	1	50
19	24.7111.XXXXA	Linked Bracket Cover 38mm	PC	1	50
Not Shown	24.7115.XXXXA	Linked Bracket Cover 55mm	PC	1	20
Not Shown	24.7130.0000	Uni-Joint Component - 90° Angle	PC	1	5
Not Shown	24.7131.0000	Uni-Joint Component - 45° Angle	PC	1	5
Not Shown	24.7135.0000	Independent Link Component	PC	1	5
18	24.7129.XXXXA	Idle End (Locking Ring)	PC	1	5

XXXX = Available in 0155 (White), 0952 (Grey), 1858 (Black), 4459 (Magnolia).

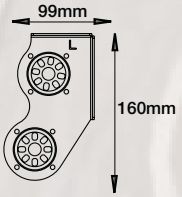


QUANTUM DUAL ROLLER BLIND SYSTEM

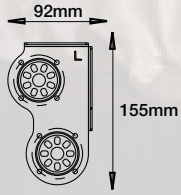
Dimensions



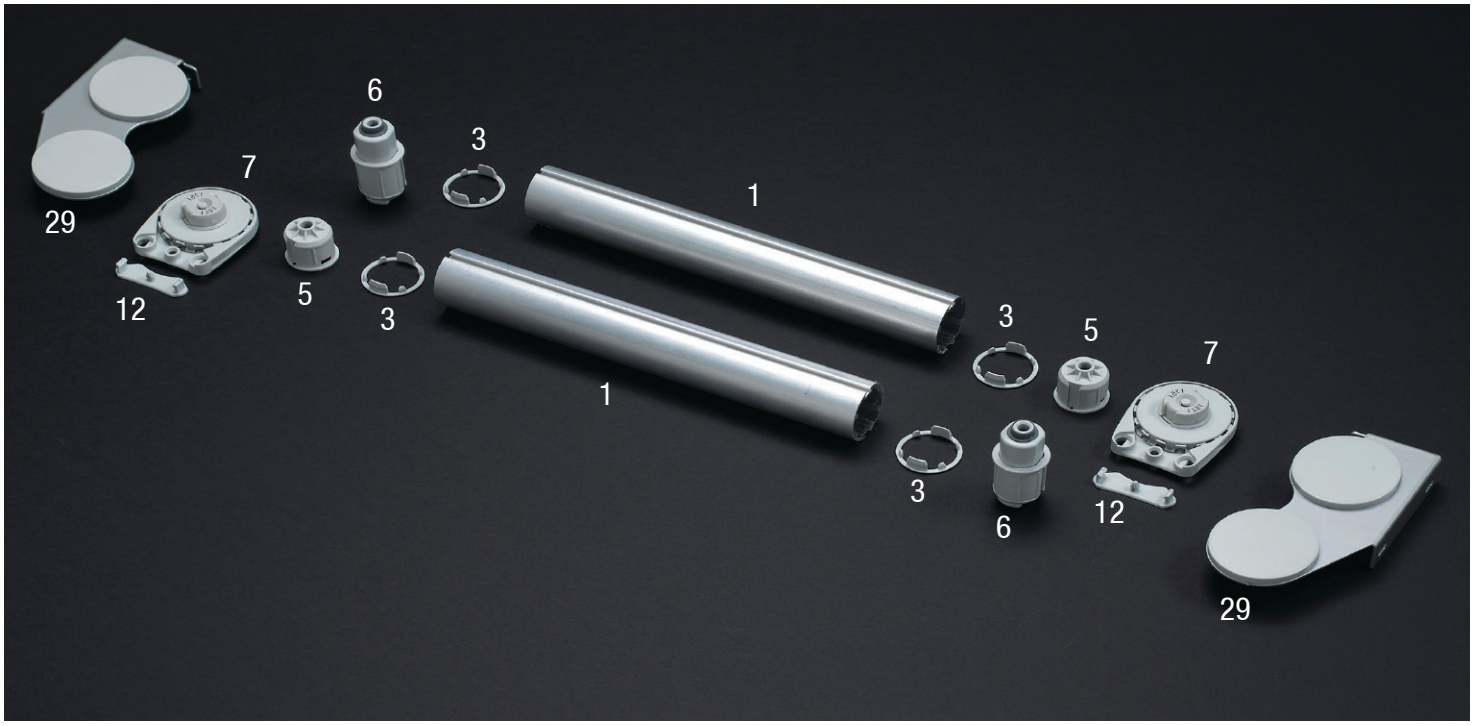
Standard Roll Bracket
Opposite end or same side control



Reverse Roll Bracket
Opposite end or same side control



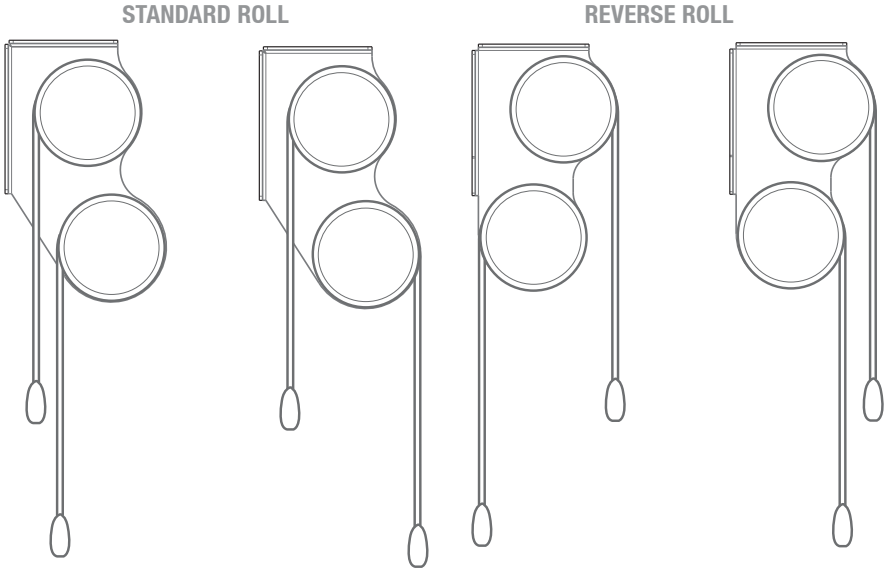
NOTE: Allow an extra 5mm deduction for each end cap.



#	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	PACK UNIT	PACK CONTENT
29	24.7363.XXXX	Std Roll Dual Bracket	PR	1	5
Not Shown	24.7364.XXXX	Rev Roll Dual Bracket	PR	1	5

XXXX = Available in 0155 (White), 0952 (Grey), 1858 (Black), 4459 (Magnolia).

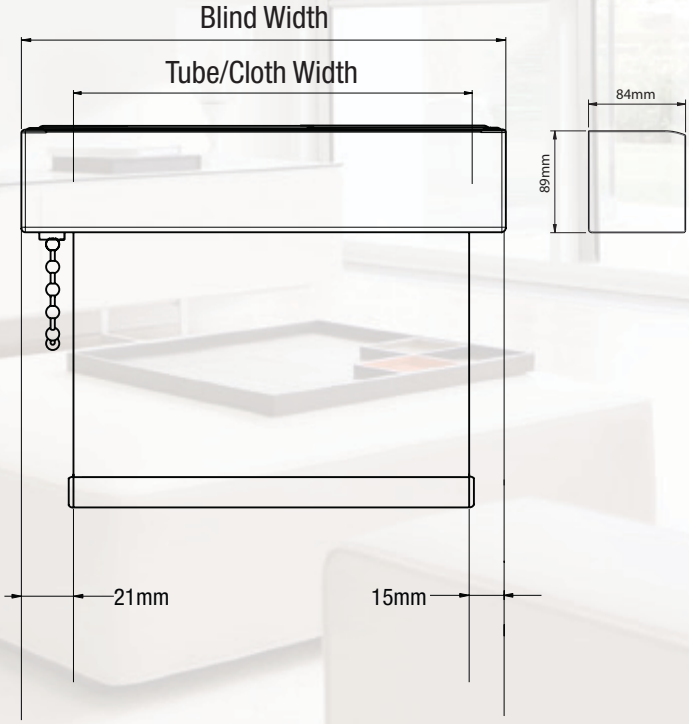
Dual Brackets Fabric Roll Options

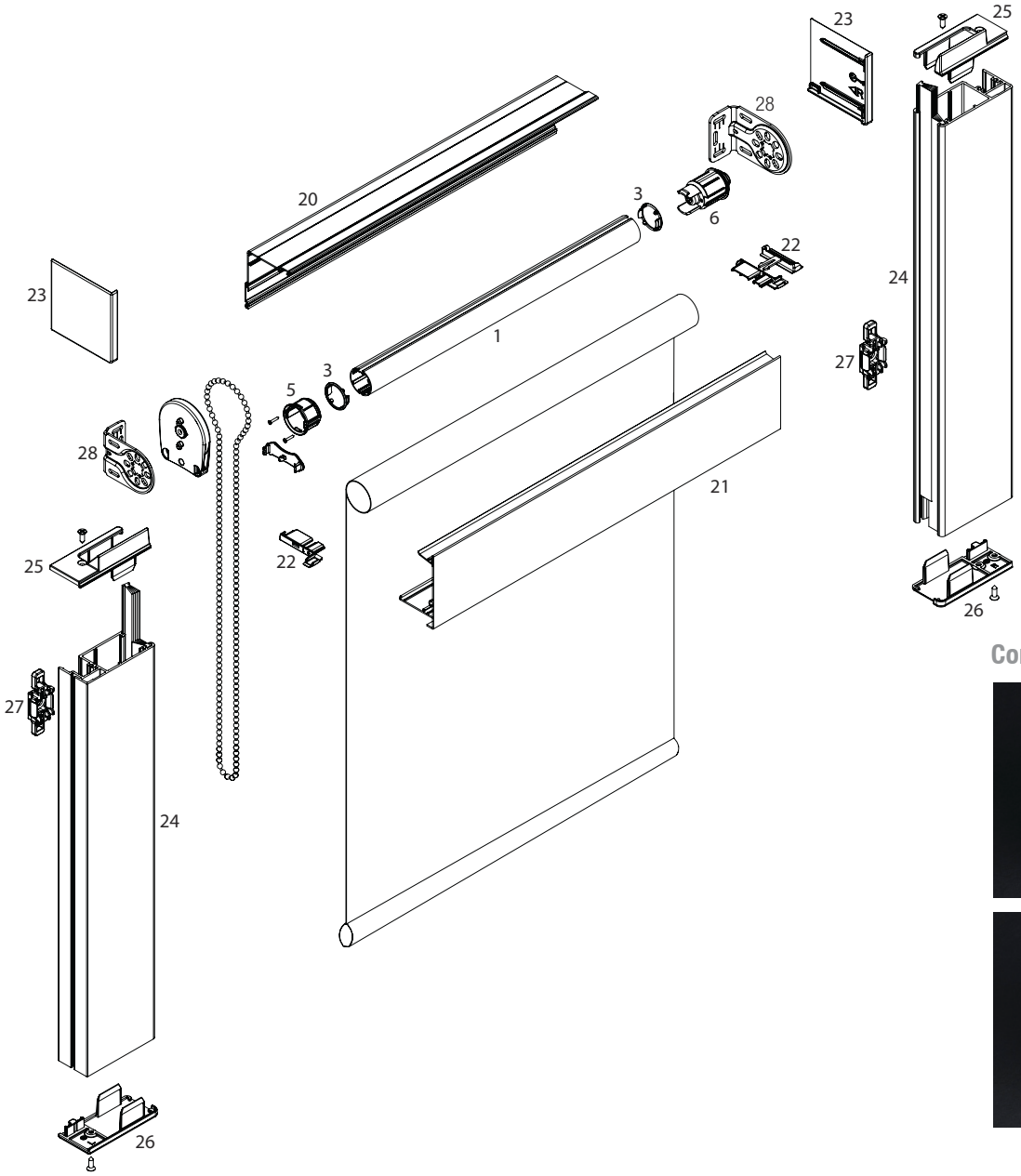


Both Dual Brackets are available with same side and opposite side controls. The mounting angle of the chain mechanism on the same side control configuration has been reduced to stop wear on the chain and minimise the overall projection of the system.

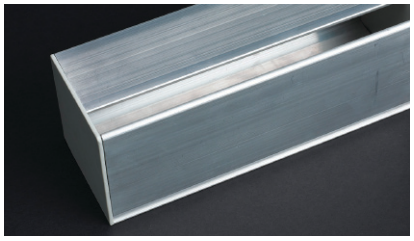
QUANTUM HEADBOX ROLLER BLIND SYSTEM

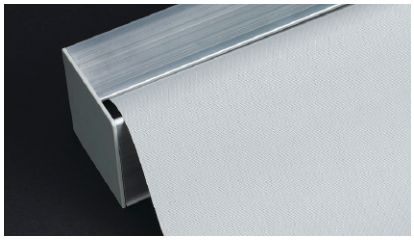
Dimensions





Contemporary Headbox System





#	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	PACK UNIT	PACK CONTENT
21	24.7209.XXXX	H-Box Front Plate	MT	5.8	8
20	24.7208.XXXX	H-Box Back Plate	MT	5.8	8
23	24.7212.XXXX	H-Box Endcaps Square	PR	1	5
22	24.7146.XXXXA	Chain Outlet Set	SET	1	5
24	24.7207.XXXX	Side Channel	MT	5.8	8
25	24.7168.XXXXA	Side Channel Top Insert	SET	1	5
26	24.7169.XXXXA	Side Channel Bottom Set	SET	1	5
27	24.7163.0000A	Side Channel Fixing Set (Metal)	SET	1	5
28	24.7100.7052B	Headbox Bracket	PR	1	10
Fascia Components					
Not Shown	24.7008.XXXX	Fascia Plate	MT	5.8	8
Not Shown	24.7210.XXXX	Fascia Bracket	PR	1	5
23	24.7212.XXXX	H-Box Endcaps Square	PR	1	5
28	24.7100.7052B	H-Box Bracket	PR	1	10

XXXX = Available in 0155 (White), 0952 (Grey), 1858 (Black), 4459 (Magnolia).

QUANTUM Q50 MOTORISATION

For larger spans or longer drops, the Quantum 50 Motorisation offers a solution to enable simple remote control, switch operation or connection to advance automation systems.

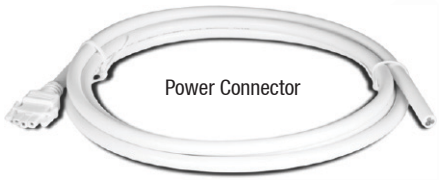
HDM40S Super Quiet Standard Motor

The HDM40S is a high quality European designed and manufactured quiet 4 wire standard motor (active, neutral, earth and direction wires). Designed specifically for direct 240 volt switch operation, or for connection to many controller based automation systems. HDM40S is coupled with a secure Tyco® in line connector for added safety.

HDM40S Quiet Standard Motor

HDM40Q Advanced Automation

Built on the same high quality European platform, HDM40Q contains a highly advanced in built motor controller capable of bidirectional communication. This super quiet motor is an integrators dream. Utilising the powerful Hunter Douglas RQ protocol, commands can be sent and received via serial to virtually any automation or management system on the market. The motor can be moved to any one of 100 positions from full open to full close along with pre-programed scenes. Feedback from the motor can be used to graphically represent the blind opening or closing in real time.



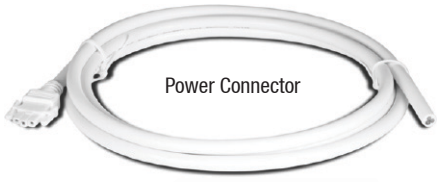
Power Connector

HDM40Q Advanced Automation

HDM40RF Remote Motor

HDRF is the latest in wireless motor technology. The new range of M40RF motors have an integrated radio receiver for simple one plug installation. Motors can be configured and operated from the modern touch sensitive 4 Channel SUITE remote control, or operated from the motor head for quick setup and operation during installation. HDRF uses intelligent bidirectional communication between each motor and the remote control to ensure that operation is always flawless and uninterrupted. Each M40RF motor contains in-built zero voltage contacts for connection to automation systems or operation from a switch control.

Suite 4 Channel Remote Control



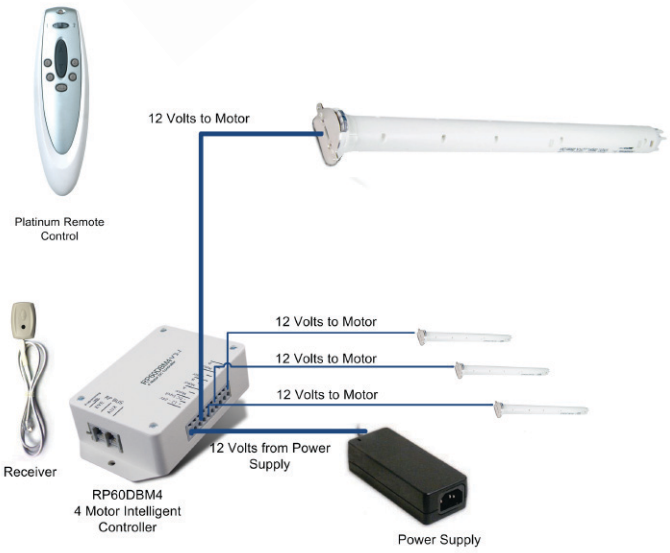
Power Connector

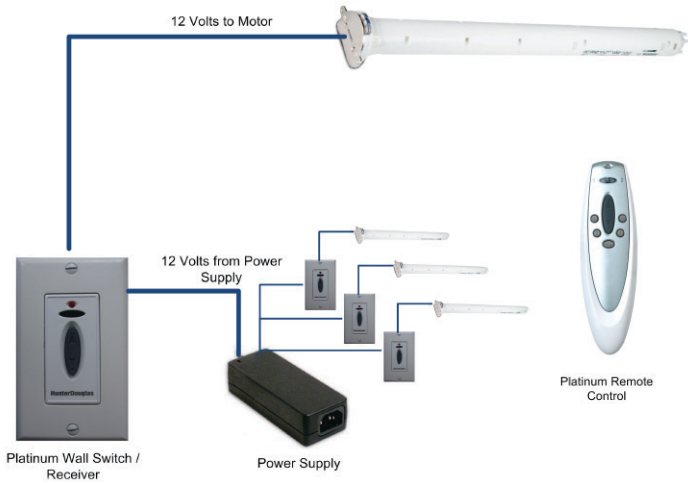
HDM40RF - Integrated RF Motor

QUANTUM Q37 MOTORISATION

Utilising a SELV (12Volt motor) the Hunter Douglas M25 Motor offers extremely quiet and effortless operation. 12 Volt power is supplied to the motors and controls from the 12V 5 Amp DC power supply. One power supply can offer power to up to 4 motors.

HDM25S Low Voltage





HDM25S Low Voltage Standard Motor

HDM25S is a 25mm DC-12Volt motor designed to operate inside the Quantum 37 tube. One of the quietest motors on the market, HDM25S is a standard switch controlled motor, or can be integrated into various automation systems with inbuilt controllers.

HDM25S Intelligent Motor Controls

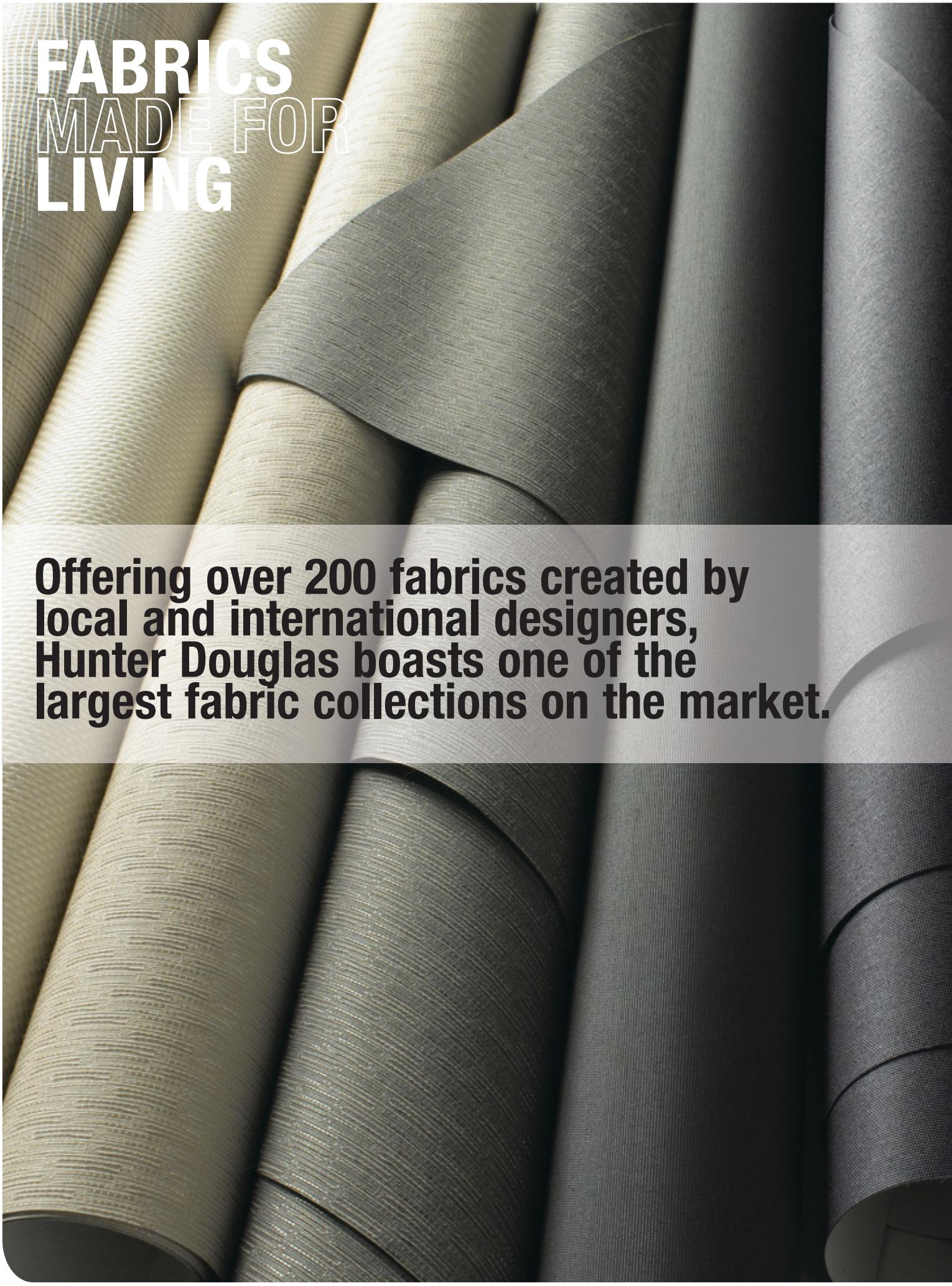
Advanced Control

Combine the quiet HDM25S motor with a Hunter Douglas Intelligent Motor Control (available in 2 and 4 motor control), to enable remote operation from the Platinum 4 Channel Remote Control, Platinum 4 Channel Wireless Wall Switch, or extend control and functionality to home automation or build management systems.

HDM25S Platinum Wall Switch

Flexible Installation Options

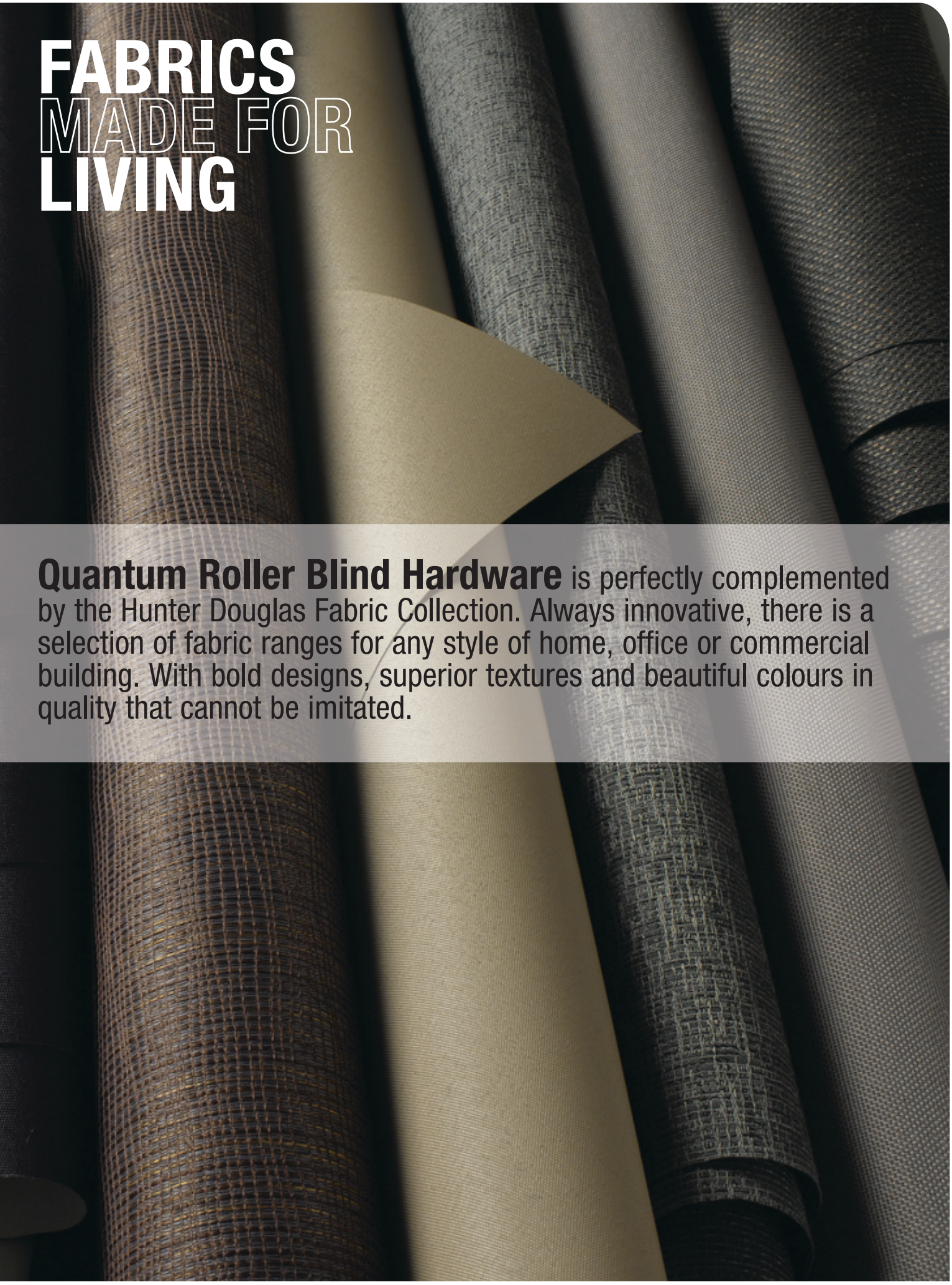
The Hunter Douglas Platinum Wall Switch is a wall mounted switch control with both integrated IR (infrared) and RF (radio frequency) for remote operation from the Platinum 4 Channel Remote Control, or the Platinum 4 Channel Wireless Wall Switch. Pair one switch to each blind for individual switch operation and remote control.



FABRICS MADE FOR LIVING

Offering over 200 fabrics created by local and international designers, Hunter Douglas boasts one of the largest fabric collections on the market.

FABRICS MADE FOR LIVING



Quantum Roller Blind Hardware is perfectly complemented by the Hunter Douglas Fabric Collection. Always innovative, there is a selection of fabric ranges for any style of home, office or commercial building. With bold designs, superior textures and beautiful colours in quality that cannot be imitated.

Join the evolution...

QUANTUM ROLLER BLIND HARDWARE

HunterDouglas

338 Victoria Road
Rydalmere NSW 2116 Australia
Customer Service Phone: 1800 021 022 Fax: 1800 624 775
HDCustservice@hunterdouglas.com.au

www.hunterdouglas.com.au

© Copyright 2012 Hunter Douglas Limited [ABN 98 009 675 709]
® Registered Trade Marks of Hunter Douglas Limited [07/12]