



*Quality Products Since 1939*

VIO Bi-Fold  
Hardware & Track  
kits

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## About McCallum Australia

McCallum Australia has been manufacturing high quality hardware products for the Australian market since 1939.

Our products are designed and developed in Australia, made from the highest quality materials and processes to exceed the high demands of Australian Standards and the market.

McCallum Australia is the pre-eminent hinge manufacturer for Australia. Our products have been used in hundreds of thousands of projects across Australia – including some of the most prominent such as, The Sydney Opera House, New Parliament House Canberra, and Crown Casino.

McCallum's pioneered the extruded aluminium hinge that features aluminium pressed endcaps, keyed flanged nylon bearings and stainless-steel hinge pins. We have included these innovative design features in our popular heavy duty fast-fix hinge range.

Our range of products are used extensively throughout the Australian market and are sort after by tradespeople, specifiers and technicians for new projects, repairs, refurbishments, and retrofits.

McCallum Australia products are sought for their key attributes:

- Quality
- Reliability
- Technical innovation
- Value

We support this with a focus on strong customer support.

McCallum representatives and stockists would be pleased to discuss and offer advice regarding your hardware requirements.

For additional technical information please contact us

+61 2 9698 5111

[sales@mccallumhinges.com.au](mailto:sales@mccallumhinges.com.au)



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## Contents

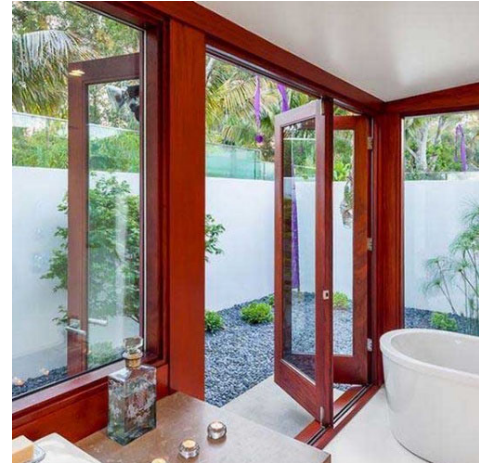
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# VIO Top Hung Folding Door System

The VIO folding door hardware is suitable for residential and commercial timber or aluminium exterior folding door. Ideal for external applications being manufactured from corrosive resistant material - anodised aluminium track & guide channel, stainless steel hangers, hinges, and precision stainless steel bearing along with engineered polymer components.

Top hung end folding system suits door folding in one or both directions.

Two systems available suitable for doors to a maximum weight of either 50kg or 100kg per leaf.



## DOOR SPECIFICATION:

	<u>VIO-50</u>	<u>VIO-100</u>
Max door height:	3000mm	3300mm
Max door width:	1000mm	1000mm
Minimum Door thickness:	38mm	38mm
Max door weight:	50kg	100kg
Max No of doors:	8 each direction	8 each direction

## HARDWARE SPECIFICATION

### Tracks:

Material:	VT50 + length VT100 + length Aluminium
Finish:	Clear Anodised Mill



VT50: Top Track



VT100: Top Track

### Guide Channel:

Material:	VGC - x length Aluminium
Finish:	Clear Anodised Mill



VGC: Guide Channel



VPCI: Poly Guide Channel Insert

### Polypropylene Channel Insert:

Standard Lengths:	VPCI - x length 2000, 3000, 4000 & 5000mm
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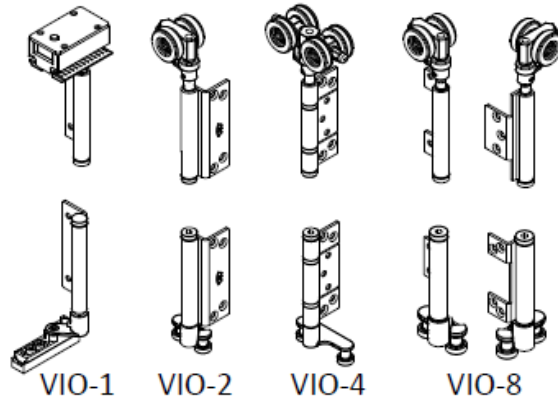
### Pivot & Hanger Sets:

Pivot Set LH or RH	VIO-1
End Hanger set incl Guide LH or RH	VIO-2

### NOTE:

Both the VIO 1 & VIO 2 are Non-handed reversible

Intermediate Hanger Set	VIO-4
Meeting Stile Hanger Set	VIO-8



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**Hinge Sets:**

Hinge Handle Set

Offset Hinge Handle Set

Hinge Set

Offset Hinge Set

Security Hinge

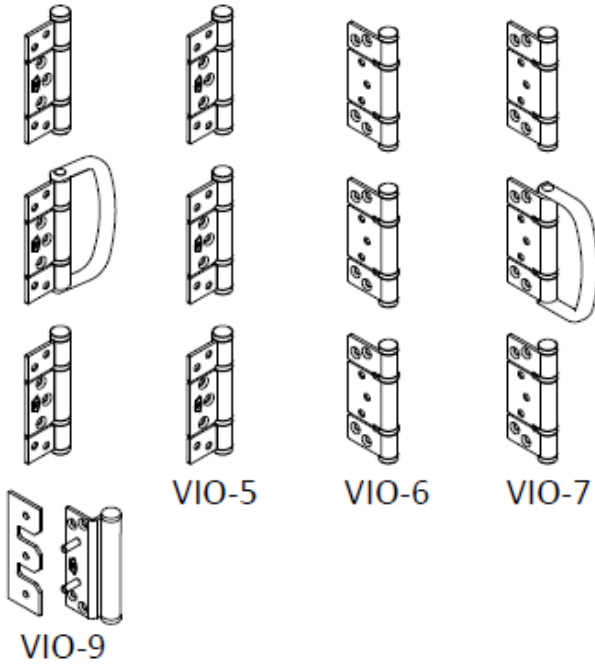
VIO-3

VIO-7

VIO-5

VIO-6

VIO-9



**Accessories:**

Flush Bolt Non-lockable

Flush Bolt Offset Non-lockable

Flush Bolt Key Lockable

Flush Bolt Offset Key lockable

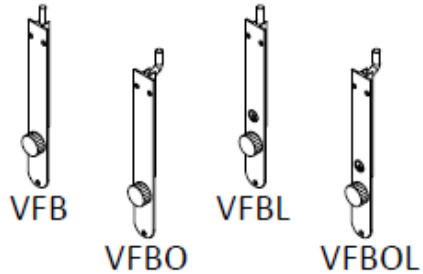
Flush Bolts available lengths: 200, 400 & 600mm

VFB

VBFO

VFBL

VF BOL



**Finishes:**

**SSS:** Satin Stainless Steel

**PSS:** Polished Stainless Steel

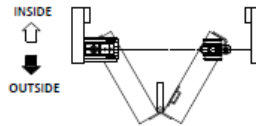
**BLK:** Black

# VIO Folding Hardware Kits for Outward Opening Doors

## VIO20DO - 2 Door System One Way Open Out Kit

Kit contents:

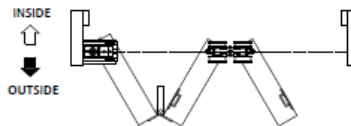
VIO-1	Pivot Set	1
VIO-3	Hinge Handle Set	1
VIO-2	End Hanger Set	1



## VIO30DO - 3 Door System One Way Open Out Kit

Kit contents:

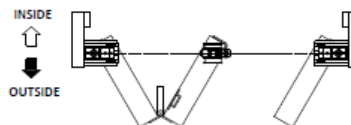
VIO-1	Pivot Set	1
VIO-4	Intermediate Hanger Set	1
VIO-7	Offset Hinge Handle Set	1



## VIO31DO - 3 Door System 2 + 1 Open Out Kit

Kit contents:

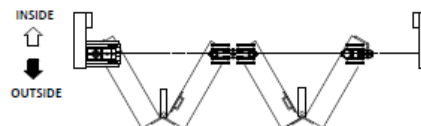
VIO-1	Pivot Set	2
VIO-3	Hinge Handle Set	1
VIO-2	End Hanger Set	1



## VIO40DO - 4 Door System One Way Open Out Kit

Kit contents:

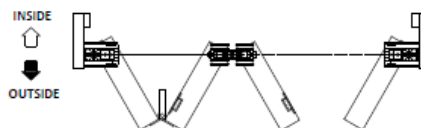
VIO-1	Pivot Set	1
VIO-7	Offset Hinge Handle Set	2
VIO-4	Intermediate Hanger Set	1
VIO-2	End Hanger Set	1



## VIO41DO - 4 Door System 3 + 1 Open Out Kit

Kit contents:

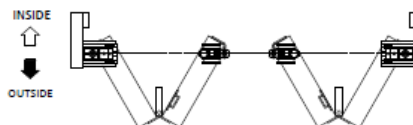
VIO-1	Pivot Set	2
VIO-7	Offset Hinge Handle Set	1
VIO-4	Intermediate Hanger Set	1



## VIO42DO - 4 Door System 2 + 2 Open Out Kit

Kit contents:

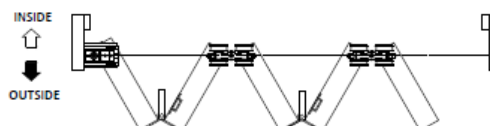
VIO-1	Pivot Set	2
VIO-3	Hinge Handle Set	2
VIO-8	Meeting Stile Hanger Set	1



## VIO50DO - 5 Door System One Way Open Out Kit

Kit contents:

VIO-1	Pivot Set	1
VIO-7	Offset Hinge Handle Set	1
VIO-4	Intermediate Hanger Set	2
VIO-3	Hinge Handle Set	1

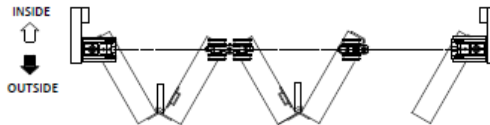


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**VIO51DO - 5 Door System 4 + 1 Open Out Kit**

Kit contents:

VIO-1	Pivot Set	2
VIO-7	Offset Hinge Handle Set	2
VIO-4	Intermediate Hanger Set	1
VIO-2	End Hanger Set	1

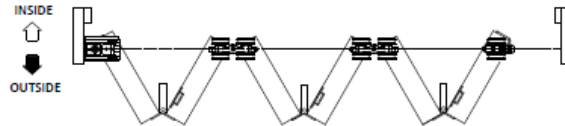


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**VIO60DO - 6 Door System One Way Open Out Kit**

Kit contents:

VIO-1	Pivot Set	1
VIO-7	Offset Hinge Handle Set	2
VIO-4	Intermediate Hanger Set	2
VIO-3	Hinge Handle Set	1
VIO-2	End Hanger Set	1

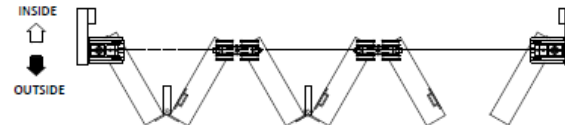


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**VIO61DO - 6 Door System 5 + 1 Open Out Kit**

Kit contents:

VIO-1	Pivot Set	2
VIO-7	Offset Hinge Handle Set	2
VIO-4	Intermediate Hanger Set	2
VIO-3	Hinge Handle Set	1

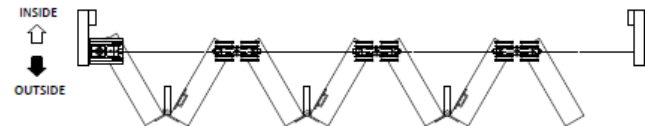


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**VIO70DO - 7 Door System One Way Open Out Kit**

Kit contents:

VIO-1	Pivot Set	1
VIO-7	Offset Hinge Handle Set	1
VIO-4	Intermediate Hanger Set	3
VIO-3	Hinge Handle Set	2

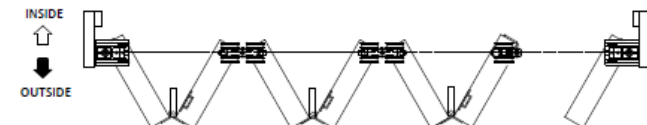


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**VIO71DO - 7 Door System 6 + 1 Open Out Kit**

Kit contents:

VIO-1	Pivot Set	2
VIO-7	Offset Hinge Handle Set	2
VIO-4	Intermediate Hanger Set	2
VIO-3	Hinge Handle Set	1
VIO-2	End Hanger Set	1

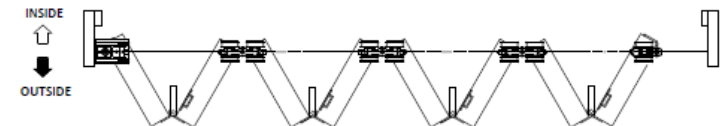


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**VIO80DO - 8 Door System One Way Open Out Kit**

Kit contents:

VIO-1	Pivot Set	1
VIO-7	Offset Hinge Handle Set	2
VIO-4	Intermediate Hanger Set	3
VIO-3	Hinge Handle Set	2
VIO-2	End Hanger Set	1

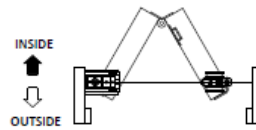


# VIO Folding Hardware Kit for Inward Opening Doors

## VIO20DI - 2 Door System One Way Open In Kit

Kit contents:

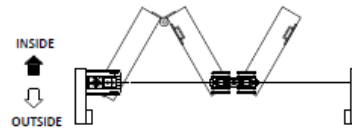
VIO-1	Pivot Set	1
VIO-5	Handle Set	1
VIO-2	End Hanger Set	1



## VIO30DI - 3 Door System One Way Open In Kit

Kit contents:

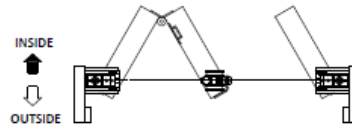
VIO-1	Pivot Set	1
VIO-4	Intermediate Hanger Set	1
VIO-6	Offset Hinge Set	1



## VIO31DI - 3 Door System 2 + 1 Open In Kit

Kit contents:

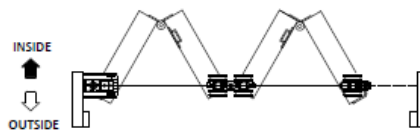
VIO-1	Pivot Set	2
VIO-5	Hinge Set	1
VIO-2	End Hanger Set	1



## VIO40DI - 4 Door System One Way Open In Kit

Kit contents:

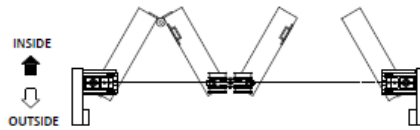
VIO-1	Pivot Set	1
VIO-6	Offset Hinge Set	2
VIO-4	Intermediate Hanger Set	1
VIO-2	End Hanger Set	1



## VIO41DI - 4 Door System 3 + 1 Open In Kit

Kit contents:

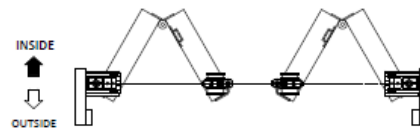
VIO-1	Pivot Set	2
VIO-6	Offset Hinge Set	1
VIO-4	Intermediate Hanger Set	1



## VIO42DI - 4 Door System 2 + 2 Open In Kit

Kit contents:

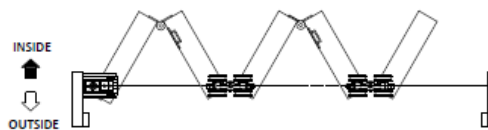
VIO-1	Pivot Set	2
VIO-5	Hinge Set	2
VIO-8	Meeting Stile Hanger Set	1



## VIO50DI - 5 Door System One Way Open In Kit

Kit contents:

VIO-1	Pivot Set	1
VIO-6	Offset Hinge Set	1
VIO-4	Intermediate Hanger Set	2
VIO-5	Hinge Set	1



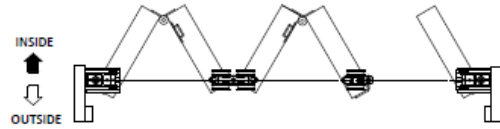


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**VIO51DI - 5 Door System 4 + 1 Open In Kit**

Kit contents:

VIO-1	Pivot Set	2
VIO-6	Offset Hinge Set	2
VIO-4	Intermediate Hanger Set	1
VIO-2	End Hanger Set	1

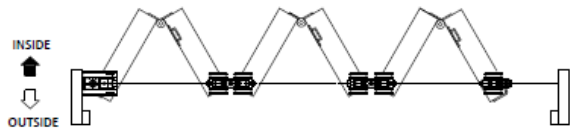


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**VIO60DI – 6 Door System One Way Open In Kit**

Kit contents:

VIO-1	Pivot Set	1
VIO-6	Offset Hinge Set	2
VIO-4	Intermediate Hanger Set	2
VIO-5	Hinge Set	1
VIO-2	End Hanger Set	1

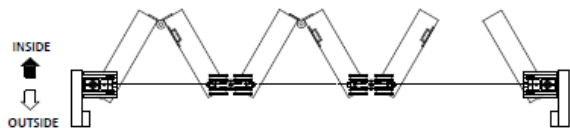


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**VIO61DI – 6 Door System 5 + 1 Open In Kit**

Kit contents:

VIO-1	Pivot Set	2
VIO-6	Offset Hinge Set	2
VIO-4	Intermediate Hanger Set	2
VIO-5	Hinge Set	1

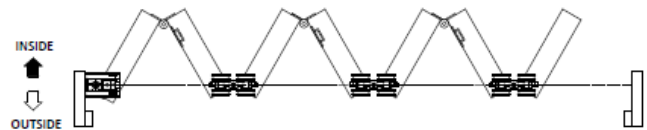


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**VIO70DI – 7 Door System One Way Open In Kit**

Kit contents:

VIO-1	Pivot Set	1
VIO-6	Offset Hinge Set	1
VIO-4	Intermediate Hanger Set	3
VIO-5	Hinge Set	2

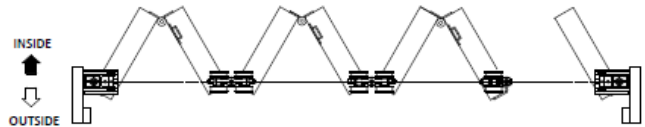


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**VIO71DI – 7 Door System 6 + 1 Open In Kit**

Kit contents:

VIO-1	Pivot Set	2
VIO-6	Offset Hinge Set	2
VIO-4	Intermediate Hanger Set	2
VIO-5	Hinge Set	1
VIO-2	End Hanger Set	1

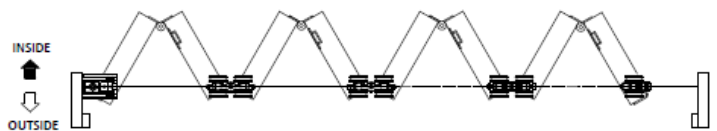


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**VIO80DI – 8 Door System One Way Open In Kit**

Kit contents:

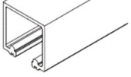


VIO-1	Pivot Set	1
VIO-6	Offset Hinge Set	2
VIO-4	Intermediate Hanger Set	3
VIO-5	Hinge Set	2
VIO-2	End Hanger Set	1



# VIO Folding 50kg Track & Channel Kits

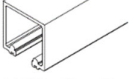


## VT50K20 SNA: VIO 50kg Track Kit 2000mm

Kit contents:

VT50-20SNA	VIO 50kg Top Track 2000mm	1			VPCI - Poly Channel Insert
VGC-20SNA	VIO Guide Channel 2000mm	1			VGC - Guide Insert
VPCI-20BLK	VIO Polypropylene Channel Insert 2000mm	1			




## VT50K30 SNA: VIO 50kg Track Kit 3000mm

Kit contents:

VT50-30SNA	VIO 50kg Top Track 3000mm	1			VPCI - Poly Channel Insert
VGC-30SNA	VIO Guide Channel 3000mm	1			VGC - Guide Insert
VPCI-30BLK	VIO Polypropylene Channel Insert 3000mm	1			




## VT50K40 SNA: VIO 50kg Track Kit 4000mm

Kit contents:

VT50-40SNA	VIO 50kg Top Track 4000mm	1			VPCI - Poly Channel Insert
VGC-40SNA	VIO Guide Channel 4000mm	1			VGC - Guide Insert
VPCI-40BLK	VIO Polypropylene Channel Insert 4000mm	1			




## VT50K50 SNA: VIO 50kg Track Kit 5000mm

Kit contents:

VT50-50SNA	VIO 50kg Top Track 5000mm	1			VPCI - Poly Channel Insert
VGC-50SNA	VIO Guide Channel 5000mm	1			VGC - Guide Insert
VPCI-50BLK	VIO Polypropylene Channel Insert 5000mm	1			




## VT50K20 MIL: VIO 50kg Track Kit 2000mm

Kit contents:

VT50-20MIL	VIO 50kg Top Track 2000mm	1			VPCI - Poly Channel Insert
VGC-20MIL	VIO Guide Channel 2000mm	1			VGC - Guide Insert
VPCI-20BLK	VIO Polypropylene Channel Insert 2000mm	1			


## VT50K30 MIL: VIO 50kg Track Kit 3000mm

Kit contents:

VT50-30MIL	VIO 50kg Top Track 3000mm	1			VPCI - Poly Channel Insert
VGC-30SMIL	VIO Guide Channel 3000mm	1			VGC - Guide Insert
VPCI-30BLK	VIO Polypropylene Channel Insert 3000mm	1			




## VT50K40 MIL: VIO 50kg Track Kit 4000mm

Kit contents:

VT50-40MIL	VIO 50kg Top Track 4000mm	1			VPCI - Poly Channel Insert
VGC-40MIL	VIO Guide Channel 4000mm	1			VGC - Guide Insert
VPCI-40BLK	VIO Polypropylene Channel Insert 4000mm	1			

## VT50K50 MIL: VIO 50kg Track Kit 5000mm

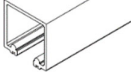


Kit contents:

VT50-50MIL	VIO 50kg Top Track 5000mm	1			VPCI - Poly Channel Insert
VGC-50MIL	VIO Guide Channel 5000mm	1			VGC - Guide Insert
VPCI-50BLK	VIO Polypropylene Channel Insert 5000mm	1			

# VIO Folding 100kg Track & Channel Kits

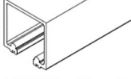


## VT100K20 SNA: VIO 100kg Track Kit 2000mm

Kit contents:

VT100-20SNA	VIO 100kg Top Track 2000mm	1			VPCI - Poly Channel Insert
VGC-20SNA	VIO Guide Channel 2000mm	1			VGC - Guide Insert
VPCI-20BLK	VIO Polypropylene Channel Insert 2000mm	1			

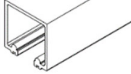


## VT100K30 SNA: VIO 100kg Track Kit 3000mm

Kit contents:

VT100-30SNA	VIO 100kg Top Track 3000mm	1			VPCI - Poly Channel Insert
VGC-30SNA	VIO Guide Channel 3000mm	1			VGC - Guide Insert
VPCI-30BLK	VIO Polypropylene Channel Insert 3000mm	1			

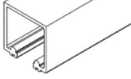


## VT100K40 SNA: VIO 100kg Track Kit 4000mm

Kit contents:

VT100-40SNA	VIO 100kg Top Track 4000mm	1			VPCI - Poly Channel Insert
VGC-40SNA	VIO Guide Channel 4000mm	1			VGC - Guide Insert
VPCI-40BLK	VIO Polypropylene Channel Insert 4000mm	1			

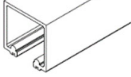


## VT50K100 SNA: VIO 100kg Track Kit 5000mm

Kit contents:

VT50-50SNA	VIO 50kg Top Track 5000mm	1			VPCI - Poly Channel Insert
VGC-50SNA	VIO Guide Channel 5000mm	1			VGC - Guide Insert
VPCI-50BLK	VIO Polypropylene Channel Insert 5000mm	1			

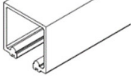


## VT100K20 MIL: VIO 100kg Track Kit 2000mm

Kit contents:

VT100-20MIL	VIO 100kg Top Track 2000mm	1			VPCI - Poly Channel Insert
VGC-20MIL	VIO Guide Channel 2000mm	1			VGC - Guide Insert
VPCI-20BLK	VIO Polypropylene Channel Insert 2000mm	1			

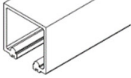


## VT100K30 MIL: VIO 100kg Track Kit 3000mm

Kit contents:

VT100-30MIL	VIO 100kg Top Track 3000mm	1			VPCI - Poly Channel Insert
VGC-30SMIL	VIO Guide Channel 3000mm	1			VGC - Guide Insert
VPCI-30BLK	VIO Polypropylene Channel Insert 3000mm	1			

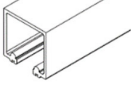


## VT100K40 MIL: VIO 100kg Track Kit 4000mm

Kit contents:

VT100-40MIL	VIO 100kg Top Track 4000mm	1			VPCI - Poly Channel Insert
VGC-40MIL	VIO Guide Channel 4000mm	1			VGC - Guide Insert
VPCI-40BLK	VIO Polypropylene Channel Insert 4000mm	1			

## VT100K50 MIL: VIO 100kg Track Kit 5000mm

Kit contents:

VT100-50MIL	VIO 100kg Top Track 5000mm	1			VPCI - Poly Channel Insert
VGC-50MIL	VIO Guide Channel 5000mm	1			VGC - Guide Insert
VPCI-50BLK	VIO Polypropylene Channel Insert 5000mm	1			