

Mechanical Glands for Entry Ports



DESIGN & CONSTRUCTION

- Compatible with many Prysmian Closures
- IP68 rated
- Prepare the cable outside the closure and simply clip the gland in place
- Entries available for 1 to 8 cables
- Glands suitable for various cable designs

Product description

The Mechanical entry glands are used to install cables into one of the entry ports of the UMJ, CMJ, MMJ base or LMJ base. A range of glands are available to allow between one and eight cables to enter through an individual entry port.

Main characteristics

Kit Contents

The kit contains all of the parts necessary to seal the cable and secure the strength members. The kits are supplied in fully recyclable bags.

Technical data

- Cable Diameter Range (mm):
 - Single entry gland: 4 to 23
 - Multi entry gland (in circular port): 5 to 9 (2 Way), 7 to 10 (3 Way) 2.5 to 8.5 (4 Way), 5 to 6 (5 Way), 2 to 4.2 and 3x2mm flat cable (8 Way)
- Cable Retention (N):
 - Circular Port: > Cable (Ø/45) x 500N with central strength member secured.
 - 4 Way Multi Way (in circular port): > 150N for cables with Aramid yarns, > 30N for cables without Aramid yarns
- Operating temperature: -20°C to + 60°C (5 to 95% RH)
- Testing:
 - Sealing: IP68 (5 metres) (IEC 61300-2-23)
 - Torsion: IEC 61300-2-5
 - Bending: IEC 61300-2-37
 - Impact: IEC 61300-2-12
 - Cable Retention: IEC 61300-2-4

Logistics

Packing Dimensions (mm):

- (l) 190 x (d) 40 x (w) 130

Packed Weight (g):

- See following pages

*Net Weight (g):

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* Please note, a 2mm Allen key is no longer supplied in the kits

Single - Mechanical Cable Entry Glands

Mechanical entry glands are used to install cables into one of the entry ports of the UMJ, CMJ, MMJ base and LMJ base. The glands can be installed onto the cable and then are simply pushed into the base of the joint.

Typical weight of a kit is 100g.



Part Number	Gland Type	No. Entries	Min Cable Ø	Max Cable Ø	Used for	XMJ Part No. Reference
XJTSC02278	Single	1	4.0	7.0	Single cable with aramid or CSM	B
XJTSC01754	Single	1	7.1	20.0	Single cable with aramid or CSM	C
XJTSC02193	Single	1	20.1	23.0	Single cable with aramid or CSM	D

2 Way - Mechanical Cable Entry Glands

Mechanical entry glands are used to install up to two cables into one of the entry ports of the UMJ, CMJ, MMJ base and LMJ base. The glands can be installed onto the cable and then are simply pushed into the base of the joint. A blank plug is provided to seal unused entry holes. This can be removed when a cable is ready to be installed.

Typical weight of a kit is 87g.



Part Number	Gland Type	No. Entries	Min Cable Ø	Max Cable Ø	Used for	XMJ Part No. Reference
XJTSC03429	2 Way	2	5.0	7.0	Two cables with CSM	G
XJTSC03437	2 Way	2	5.0	9.0	Two cables with CSM	
XJTSC03430	2 Way	2	7.0	9.0	Two cables with CSM	

3 Way - Mechanical Cable Entry Glands

Mechanical entry glands are used to install up to three cables into one of the entry ports of the UMJ, CMJ, MMJ base and LMJ base. The glands can be installed onto the cable and then are simply pushed into the base of the joint. Blank plugs are provided to seal unused entry holes. These can be removed when a cable is ready to be installed.

Typical weight of a kit is 84g.

Part Number	Gland Type	No. Entries	Min Cable Ø	Max Cable Ø	Used for	XMJ Part No. Reference
XJTSC03151	3 Way	3	7.0	9.5	Three cables with aramid or CSM	A
XJTSC03320	3 Way	3	8.5	10.0	Three cables with aramid or CSM	

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4 Way - Mechanical Cable Entry Glands

Mechanical entry glands are used to install up to four cables into one of the entry ports of the UMJ, CMJ, MMJ base and LMJ base. The glands can be installed onto the cable and then are simply pushed into the base of the joint. Blank plugs are provided to seal unused entry holes. These can be removed when a cable is ready to be installed.

Typical weight of a kit is 83g.



Part Number	Gland Type	No. Entries	Min Cable Ø	Max Cable Ø	Used for	XMJ Part No. Reference
XJTSC02872	4 Way	4	2.5	4.2	Four cables with aramid or CSM	L
XJTSC02767	4 Way	4	4.0	6.0	Four cables with CSM	T
XJTSC01755	4 Way	4	5.0	7.0	Four cables with aramid	M
XJTSC03149	4 Way	4	5.0	7.0	Four cables with aramid or GRP	
XJTSC02768	4 Way	4	5.0	7.0	Four cables with CSM	U
XJTSC03287	4 Way	4	6.0	7.0	Four Prysmian Ultra light weight cables up to 36f	S
XJTSC02769	4 Way	4	6.5	8.5	Four cables with CSM	P
XJTSC03148	4 Way	4	7.0	8.5	Four cables with aramid	V
XJTSC02352	4 Way	4	Oval cables 8.5 x 5.0		Four oval cables is GRP strength members	J

5 Way - Mechanical Cable Entry Glands

Mechanical entry glands are used to install up to five cables into one of the entry ports of the UMJ, CMJ, MMJ base and LMJ base. The glands can be installed onto the cable and then are simply pushed into the base of the joint. Blank plugs are provided to seal unused entry holes. These can be removed when a cable is ready to be installed.

Typical weight of a kit is 84g.

Part Number	Gland Type	No. Entries	Min Cable Ø	Max Cable Ø	Used for	XMJ Part No. Reference
XJTSC03135	5 Way	5	5.0	6.0	Five cables with aramid	W

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8 Way - Mechanical Cable Entry Glands

Mechanical entry glands are used to install up to eight cables into one of the entry ports of the UMJ, CMJ, MMJ base and LMJ base. The glands can be installed onto the cable and then are simply pushed into the base of the joint. Blank plugs are provided to seal unused entry holes. These can be removed when a cable is ready to be installed.

Typical weight of a kit is 87g.



Part Number	Gland Type	No. Entries	Min Cable Ø	Max Cable Ø	Used for	XMJ Part No. Reference
XJTSC03048	8 Way	8	2.0	3.0	Eight cables with aramid	N
XJTSC03049	8 Way	8	2.5	4.2	Eight cables with aramid	Q
XJTSC02260	8 Way	8	3.0	3.0	Eight cables with aramid	F
XJTSC01878	8 Way	8	Flat drop 2.0 x3.0 with messenger		Eight flat drop cables with a messenger wire	E
XJTSC02960	8 Way	8	Flat drop 2.0 x3.0 without messenger		Eight flat drop cables without a messenger wire	K

Additional Items

Item	Prysmian Part No.	Description	Image
GLAND SPANNER	XJTSC02320	The gland spanner is used to tighten the cable glands used for circular port entry. The spanner has a flat profile on one end and a cupped profile on the other end. The cupped profile is used to tighten or loosen a gland already installed into the joint in cases where additional cable entry is required.	
SILICONE GREASE	XBFSC00260 (Pack of 5)	Grease is used when installing a cable into one of the entry glands. A sachet of grease is supplied with each gland. The purpose of this spare tube of grease is for use adding additional cables into the 4 Way Gland at a later date	
GLAND REMOVAL TOOL	XJTSC02964 (Pack of 10)	The Gland removal tool can be used to remove circular port entry glands from the joint base.	

Please contact your local sales office listed on www.prysmiangroup.com

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