DETACHABLE

DEDICATED COUPLING
DETACHABLE JOINT (DJ) & VARIABLE ADAPTOR (VA)
STRAIGHT & STEPPED PIPE JOINTING SOLUTIONS

	Detachable Joint (DJ), Straight Coupling	Variable Adaptor (VA), Stepped Coupling
In Brief	▸ Dedicated Straight & Stepped Couplings for Joining Plain Ended Pipes ▸ Standard Long Collar Product Design is Ideal for Pipe Laying, Maintenance & Works Repair for All Installations ▸ Maximum Temperature -10°C To 70°C ▸ Working Pressure PN 10/16 ▸ Suitable for Potable Water, Neutral Liquids and Sewage ▸ Fusion Bonded Epoxy ▸ **Seal** : EPDM	
Standards	▸ **Design** : SPESIFIKASI JKR 20200-0045-99 ▸ **Test** : EN 12266-1 ▸ **TYPE A** : For **AC** (MS 712, AS 1711) & **MS** (JKR) Pipes ▸ **TYPE B** : For **UPVC** (MS 628, BS 6920) & **MS** (BS 534, AS 1579, SPAN TS 21827) Pipes ▸ **TYPE D** : For TYPE A To TYPE B Pipe Materials	
	▸ Pipe Materials with Similar OD	▸ Pipe Materials with Different OD
Features	▸ Range of DJ & VA Joint Sizes : DN80 to DN300 ▸ Quick, Reliable & Cost-Effective Jointing Solutions for Rigid Pipe Materials ▸ Leak Free Sealing by O-Ring Type Rubber Gasket	

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LYE MANUFACTURING SDN.BHD. (197701001852 (32836-H))

Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers

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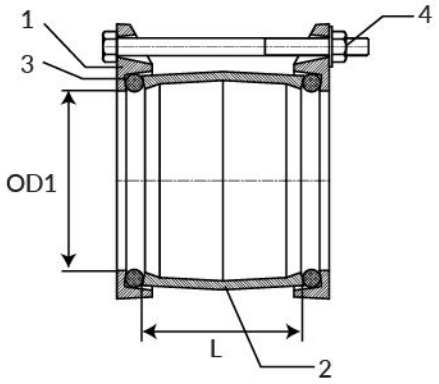
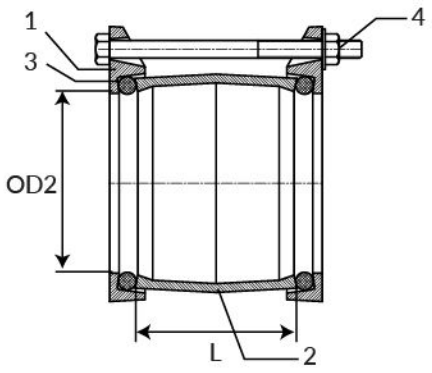
Technical Table

Detachable Joint (DJ)

Type A

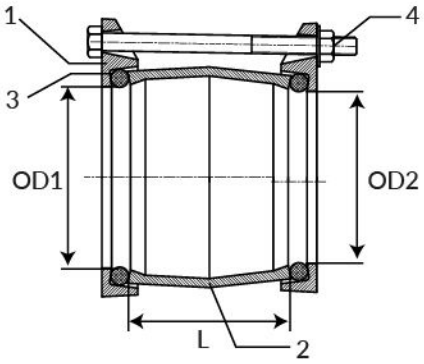


Type B



Variable Adaptor (VA)

Type D



Assembly Chart

No.	Component	Material	Standard Ref.
1	Gland Flange	Ductile Iron	BS EN 1563
2	Sleeve / Collar	Ductile Iron	BS EN 1563
3	Gasket	EPDM	BS EN 681
4	Bolt & Nut	Hot Dipped Galvanized Steel	BS EN 4190

Specifications & Parameters Chart for DJ Joints, Type A & B & VA Joints, Type D

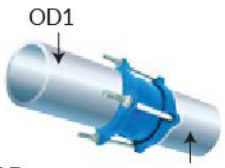
DN (mm)	OD1 (mm)	OD2 (mm)	L (mm)	Bolts
80	95.6	88.9	100	M12x4
100	121.9/*125	114.3	110	M12x4
150	177.3/*180	168.3	130	M12x4
200	232.2	219.1	150	M16x4
250	286.0	273.0	165	M16x4
300	345.4	323.9	170	M16x5

**Good installation practice may be required, contact LYE for further advise.*

Jointing Assembly

Detachable Joint (DJ) Straight Coupling	Variable Adaptor (VA) Stepped Coupling

OD1 to OD1 = TYPE A
OD2 to OD2 = TYPE B



OD1 to OD 2 = TYPE D

Note: Technical data provided in this brochure is indicative only and may be subject to change without prior notice.

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