Telescopic Expansion Coupling

TECHNICAL & PRICE DATASHEET

3 configurations / 112 dimension & price rows



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

GENERAL SPECIFICATIONS

General nominal-size capability	DN15-DN4000
Sealing Pressure	≥1.6 MPa (232 psi)
Body Material	Q235 Carbon Steel / SS304 / SS316L / Duplex 2205
Seal Material	EPDM
Coating	Epoxy Powder
Bolt Specification	M16×80, Grade 8.8 High-Strength Bolts
Applicable Pipe Types	Steel, Ductile Iron, Cast Iron, UPVC, HDPE
Working Conditions	Standard Pressure; High Temperature

Table range means sizes with published dimensions and prices only. Other sizes can be custom manufactured and quoted separately. General nominal-size capability: DN15-DN4000; confirm actual pipe OD.

Published pressure and range values are configuration references, not a blanket rating for every size. Material references do not certify the complete assembly. Confirm installation and isolation arrangements for the site.

Source data: v1.0 / 2026-08 | Publication v2.0 / 2026-10-16

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BS-EJES-CSPL

BS-EJES-CSPL

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M)



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	φ20-φ4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	Coating specification to be agreed

DIMENSIONS & PRICE

No.	φ mm	L mm	Wt kg	List price USD
001	20	100	-	$75
002	25	100	-	$75
003	32	100	-	$75
004	40	100	-	$75
005	50	150	-	$75
006	63	200	-	$92
007	75	230	-	$107
008	90	240	-	$124
009	110	250	-	$146
010	125	250	-	$163

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJES-CSPL / continued

BS-EJES-CSPL

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M)

≥1.6 MPa (232 psi) | φ20-φ4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	φ mm	L mm	Wt kg	List price USD
011	140	260	-	$181
012	160	270	-	$204
013	180	300	-	$234
014	200	300	-	$256
015	225	340	-	$297
016	250	350	-	$330
017	280	370	-	$374
018	315	370	-	$417
019	355	420	-	$619
020	400	450	-	$708
021	450	470	-	$1,017
022	500	490	-	$1,147
023	560	500	-	$1,276
024	630	580	-	$1,511
025	710	580	-	$1,832
026	800	600	-	$2,974
027	900	700	-	$4,356
028	1000	700	-	$4,818
029	1200	700	-	$5,742
030	1400	700	-	$6,667
031	1600	700	-	$7,591
032	1800	700	-	$8,515
033	2000	700	-	$9,440
034	2200	-	-	POA
035	2400	-	-	POA
036	2600	-	-	POA
037	2800	-	-	POA
038	3000	-	-	POA

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJES-CSPL / continued

BS-EJES-CSPL

Shell: Carbon Steel / Pipe: Plastic (PE/PPR/UPVC/PVC-M)

≥1.6 MPa (232 psi) | φ20-φ4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	φ mm	L mm	Wt kg	List price USD
039	3400	-	-	POA
040	3600	-	-	POA
041	3800	-	-	POA
042	4000	-	-	POA

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJES-CSDI

BS-EJES-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	Coating specification to be agreed

DIMENSIONS & PRICE

No.	DN	L mm	Wt kg	List price USD
001	40	150	-	$80
002	50	200	-	$94
003	65	230	-	$114
004	80	240	-	$132
005	100	250	-	$155
006	125	260	-	$185
007	150	270	-	$215
008	200	340	-	$294
009	250	370	-	$367
010	300	370	-	$431

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

Indicative USD list prices; request a current quotation. FOB Shanghai; 30-day validity; base rate 6.72.

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BS-EJES-CSDI / continued

BS-EJES-CSDI

Shell: Carbon Steel / Pipe: Ductile Iron

≥1.6 MPa (232 psi) | DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	L mm	Wt kg	List price USD
011	350	420	-	$710
012	400	450	-	$821
013	450	470	-	$1,080
014	500	500	-	$1,216
015	600	580	-	$1,647
016	700	580	-	$2,482
017	800	600	-	$2,875
018	900	700	-	$4,564
019	1000	700	-	$5,040
020	1100	700	-	$5,521
021	1200	700	-	$5,997
022	1400	700	-	$6,953
023	1500	700	-	$7,429
024	1600	700	-	$7,905
025	1800	700	-	$8,862
026	2000	700	-	$9,819
027	2200	700	-	$10,771
028	2400	700	-	$11,727
029	2600	700	-	$12,684
030	2800	-	-	POA
031	3000	-	-	POA
032	3400	-	-	POA
033	3600	-	-	POA
034	3800	-	-	POA
035	4000	-	-	POA

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

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BS-EJES-CSST

BS-EJES-CSST

Shell: Carbon Steel / Pipe: Steel



Select the fitting by pipe geometry, measured outside diameter and operating duty. Confirm the size, connection details and seal compound before ordering.

Published pressure	≥1.6 MPa (232 psi)
Priced table sizes	DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

MATERIALS & REFERENCES

Component	Material	Material reference
Shell	Carbon Steel	GB/T 700
Gasket	EPDM	BS EN 681-1 / GB/T 21873
Bolts	M16×80, Grade 8.8 High-Strength Bolts	ISO 898-1 / GB/T 3098.1
Coating	Epoxy Powder	Coating specification to be agreed

DIMENSIONS & PRICE

No.	DN	L mm	Wt kg	List price USD
001	40	150	-	$80
002	50	200	-	$94
003	65	230	-	$114
004	80	240	-	$132
005	100	250	-	$155
006	125	260	-	$185
007	150	270	-	$215
008	200	340	-	$294
009	250	370	-	$367
010	300	370	-	$431

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.

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BS-EJES-CSST / continued

BS-EJES-CSST

Shell: Carbon Steel / Pipe: Steel

≥1.6 MPa (232 psi) | DN40-DN4000

Table sizes only; other sizes quoted separately. General nominal capability DN15-DN4000.

No.	DN	L mm	Wt kg	List price USD
011	350	420	-	$710
012	400	450	-	$821
013	450	470	-	$1,080
014	500	500	-	$1,216
015	600	580	-	$1,647
016	700	580	-	$2,482
017	800	600	-	$2,875
018	900	700	-	$4,564
019	1000	700	-	$5,040
020	1100	700	-	$5,521
021	1200	700	-	$5,997
022	1400	700	-	$6,953
023	1500	700	-	$7,429
024	1600	700	-	$7,905
025	1800	700	-	$8,862
026	2000	700	-	$9,819
027	2200	700	-	$10,771
028	2400	700	-	$11,727
029	2600	700	-	$12,684
030	2800	-	-	POA
031	3000	-	-	POA
032	3400	-	-	POA
033	3600	-	-	POA
034	3800	-	-	POA
035	4000	-	-	POA

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Configuration matrix / code key

Read the configuration code.

Product family + shell code + pipe code identify the configuration. Include the table row number to identify the dimensional variant.

Body / pipe	PL	DI	ST	SS	FR	PS	CM	GR
CS / Carbon steel	Y	Y	Y	-	-	-	-	-

Y = published dimension and price data. - = non-standard / enquire. Custom designs remain subject to confirmation.

PIPE CODE KEY	
PL	Plastic (PE/PPR/UPVC/PVC-M)
DI	Ductile Iron
ST	Steel
SS	Stainless Steel
FR	FRP (Glass Fiber)
PS	PE Steel Skeleton Composite
CM	Cement Mortar Lined
GR	Grooved

DN / NPS are nominal designations. φ / OD (mm) denote pipe outside diameter in millimetres. L is the published fitting length. Branch sizes retain the source units; confirm the thread or flange specification.

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Ordering / notes / revision

Specify the row. Confirm the duty.

Quote the full BS configuration code and table row, plus measured pipe OD, service pressure, temperature, medium and quantity. Include drawings or photographs of the connection where available.

Selection	Confirm before ordering
Pipe & fit	Measured OD, pipe material, wall thickness, connection geometry and fitting length.
Operating duty	Medium, temperature, pressure, movement and restraint requirements for the selected design.
Finish & seal options	Most products, particularly steel fittings, offer customer-specified surface treatment and seal materials. Confirm the finish and rubber compound for the duty.
Installation	Confirm isolation, bolt size, quantity and tightening torque for the supplied assembly. These values are not tabulated in this source.

Published pressure and range values are configuration references, not a blanket rating for every size. Material references do not certify the complete assembly. Confirm installation and isolation arrangements for the site.

Table range means sizes with published dimensions and prices only. Other sizes can be custom manufactured and quoted separately. General nominal-size capability: DN15-DN4000; confirm actual pipe OD.

COMMERCIAL & DATA NOTES

* Catalogue stock marker; confirm availability. Wt = theoretical estimate, not shipping weight.
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