

G25A

Internal Expanding Quick Connector

ONE-STOP CONNECTION

Low-Pressure Testing | Easy Replacement | Cost-Effective | Full Model Range | Fast Operation | Various Seal Materials |

The G25A series quick connector is an internal expanding quick connector, mainly sealing all kinds of bores and tube holes. Whether the sealing surface is machined or partly cast, an effective seal is formed. This series provides sealing only, with no gripping feature.



Cost-Effective Internal Expanding Connection Solution

- * Low-pressure sealing connector, simple to operate
- * Instant connection with handle operation: simple and reliable
- * Fine and reliable seal material that does not damage the product surface
- * Simple structure and easy seal replacement extend connector service life

G25A Series Quick Connector Features

1. Adaptive sealing

An internal spring compresses the front seal, so the connector automatically adjusts compression to suit the sealing bore size and maintains sealing performance.

2. Handle drive

Insert the front seal of the connector into the test port and fold the handle through 90° to make the sealed connection.

3. G threaded test port

BSPP1/8 threaded side port, better suited to domestic applications.

4. Aviation aluminum

The connector housing is made of aviation-grade aluminum: lightweight and durable, ensuring connector life while reducing operator effort

4 body sizes cover sealing of tubes from 10 mm to 34 mm in diameter

Selected Bodies



Body 1



Body 2



Body 3



Body 4

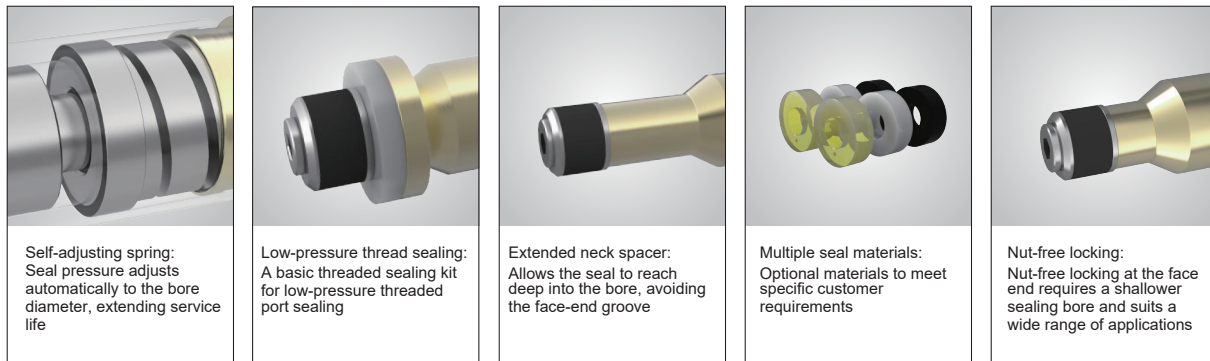
G25A

Internal Expanding Quick Connector

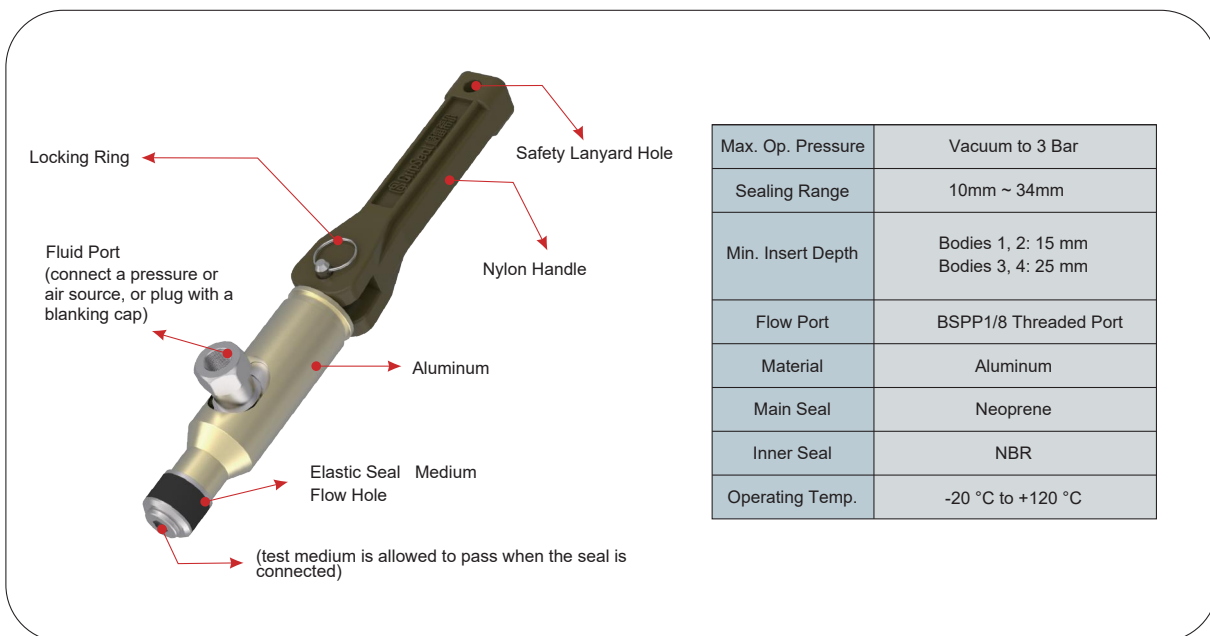
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G25A Quick Connector Advantages and Features



G25A Quick Connector Specifications



G25A Operation Demo



1. Insert the front seal of the connector into the bore to be sealed



2. Fold the handle down to form the seal

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Application Cases:

Engine Water Channel Testing

EV Battery Cold Plate Testing

EV Battery Pack Testing

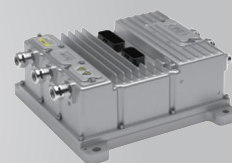
Motor Controller Leak Testing



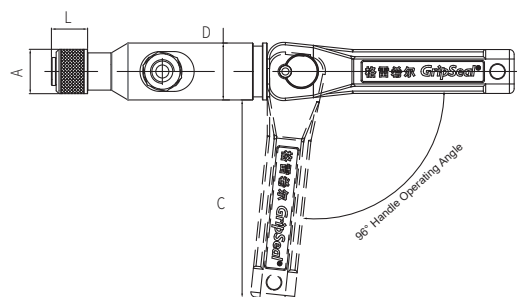
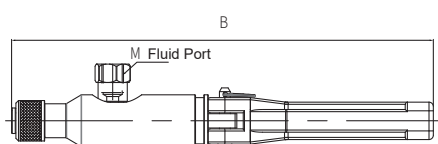
Engine



EV Battery Pack



Motor Controller



Model	Sealing Dia.	Dim. B	Dim. C	Dim. D	Dim. L	Dim. M	Main Seal Kit**
G25A-1100	10.5 - 11.5	194	85	24	14.7	BSPP1/8	SG25A-1100
G25A-1110	11.5 - 12.5						SG25A-1110
G25A-1120	12.5 - 13.5						SG25A-1120
G25A-1130	13.5 - 14.5						SG25A-1130
G25A-1140	14.5 - 15.5						SG25A-1140
G25A-1150	15.5 - 16.5						SG25A-1150
G25A-2160	16.5 - 17.5	195	85	24	15.3	BSPP1/8	SG25A-2160
G25A-2170	17.5 - 18.5						SG25A-2170
G25A-2180	18.5 - 19.5						SG25A-2180
G25A-2190	19.5 - 20.5						SG25A-2190
G25A-2200	20.5 - 21.5						SG25A-2200
G25A-2210	21.5 - 22.5						SG25A-2210
G25A-3220	22.5 - 23.5	216	97	30	24.5	BSPP1/8	SG25A-3220
G25A-3230	23.5 - 24.5						SG25A-3230
G25A-3240	24.5 - 25.5						SG25A-3240
G25A-3250	25.5 - 26.5						SG25A-3250
G25A-3260	26.5 - 27.5						SG25A-3260
G25A-3270	27.5 - 28.5						SG25A-3270
G25A-4280	28.5 - 29.5	217	97	30	25.3	BSPP1/8	SG25A-4280
G25A-4290	29.5 - 30.5						SG25A-4290
G25A-4300	30.5 - 31.5						SG25A-4300
G25A-4310	31.5 - 32.5						SG25A-4310
G25A-4320	32.5 - 33.5						SG25A-4320
G25A-4330	33.5 - 34.5						SG25A-4330

Note: 1. The bore must be deep enough to accept the seal at the front of the connector. 2. The main seal kit contains enough material for 5 replacements.

G25P

Internal Expanding Quick Connector

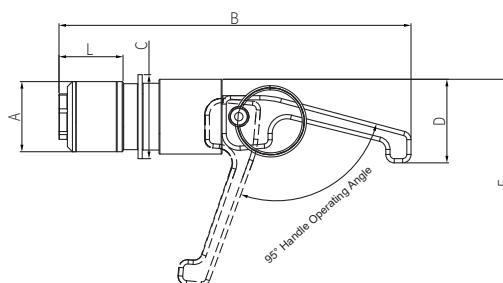
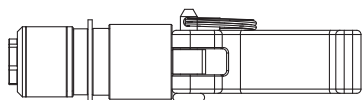
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Cost-Effective Internal Expanding Connection Solution

- * For plugging, with a simple structure and easy maintenance
- * Compact, suitable for space-limited applications
- * Lightweight, reducing operator load
- * Damage-free connection that does not harm the customer product

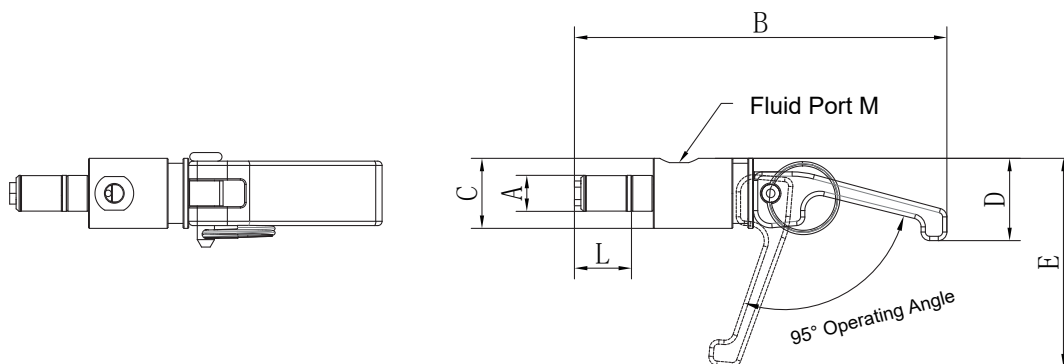


Model	Sealing Dia.	Dim. B	Dim. C	Dim. D	Dim. E	Dim. L	Main Seal Kit**
G25P-1100	10.5 - 11.5	77	16.3	19.3	48.7	14.7	SG25P-1100
G25P-1110	11.5 - 12.5						SG25P-1110
G25P-1120	12.5 - 13.5						SG25P-1120
G25P-1130	13.5 - 14.5						SG25P-1130
G25P-1140	14.5 - 15.5						SG25P-1140
G25P-1150	15.5 - 16.5						SG25P-1150
G25P-2160	16.5 - 17.5	83.8	18	19.9	49.3	15.3	SG25P-2160
G25P-2170	17.5 - 18.5		20				SG25P-2170
G25P-2180	18.5 - 19.5		24				SG25P-2180
G25P-2190	19.5 - 20.5						SG25P-2190
G25P-2200	20.5 - 21.5						SG25P-2200
G25P-2210	21.5 - 22.5						SG25P-2210

G25B Internal Expanding Quick Connector

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Model	Sealing Dia. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. L	Fluid Port M	Main Seal Kit**
G25B-0080	7.8-8.5	83.8	16.3	19.2	48.5	13.5	M5	SG25B-0080
G25B-0085	8.5-9.5							SG25B-0085
G25B-0095	9.5-10.5							SG25B-0095
G25B-1100	10.5-11.5	87.5	16.3	19.3	48.7	14.7	M5	SG25B-1100
G25B-1110	11.5-12.5							SG25B-1110
G25B-1120	12.5-13.5							SG25B-1120
G25B-1130	13.5-14.5							SG25B-1130
G25B-1140	14.5-15.5							SG25B-1140
G25B-1150	15.5-16.5							SG25B-1150
G25B-2160	16.5-17.5	97.5	20	21	50.3	15.3	M5	SG25B-2160
G25B-2170	17.5-18.5							SG25B-2170
G25B-2180	18.5-19.5							SG25B-2180
G25B-2190	19.5-20.5		SG25B-2190					
G25B-2200	20.5-21.5		SG25B-2200					
G25B-2210	21.5-22.5		SG25B-2210					