

G60 Male Threaded Quick Connector

Instant | Easy | Standard | Premium |

ONE-STOP CONNECTION

The G60 series is a dedicated connector for male threads, widely used in the instrument / meter, appliance and air-conditioning industries for line testing, such as ignition testing of water heaters, pressure testing of instruments, and refrigerant charging during outdoor air-conditioner assembly. Simple to use - a light hand push completes the connection - it is the best choice for male thread connection / testing solutions.



Male Threaded Quick Connector

- * Face seal, easy to replace
- * Push-pull operation: simple and reliable
- * No flow loss, efficient testing
- * Safety indicator for reliable production

G60 Series Quick Connector Features

1. Sliding sleeve operation

Simple operation: a light push completes the threaded connection, and knurling on the housing increases grip for easier handling.

2. Face seal

Reliable sealing, very high pressure rating, easy seal replacement and simple maintenance.

3. 316 stainless steel construction

Excellent mechanical properties: strong and wear-resistant, greatly extending connector service life.

4. Straight-through design

Maximises flow and minimises the effect on running tests.

5. Safety indicator ring

Position confirmation indicator ensures correct connector operation

The G60 male threaded quick connector covers imperial, metric and SAE threads in many sizes, and meets pressure requirements from 20 bar, 50 bar and 100 bar up to 2500 bar (UHP version). Selected Bodies

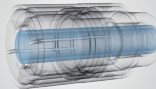


G60 Male Threaded Quick Connector

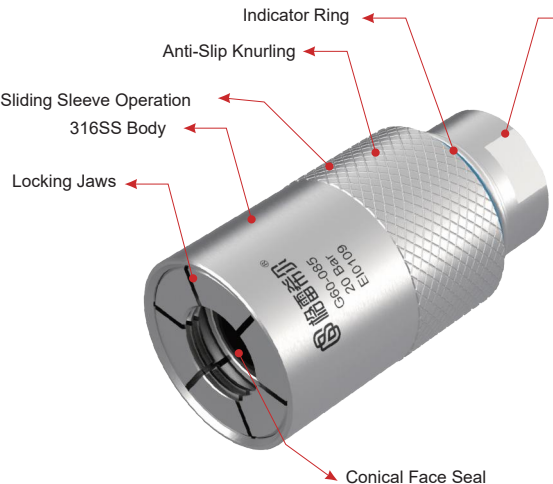
ONE-STOP CONNECTION

Instant | Easy | Standard | Premium |

G60 Quick Connector Features and Advantages

				
Wrap-around thread locking: no rotation required, protecting the product thread	Knurling: Increases friction for easier operation	Sliding sleeve structure: A light push locks or releases the connection	Straight-through design: Reduces flow loss and ensures correct test results	Face seal: Simple replacement, easy maintenance

G60 Quick Connector Specifications



Max. Op. Pressure	Vacuum to 50 Bar (UHP version 2500 Bar)
Sealing Range	1/8"-2"
Min. Insert Depth	25mm
Flow Port	See Selection Table
Material	Aluminum, Stainless, Nylon
Main Seal	Neoprene / NBR
Inner Seal	NBR
Operating Temp.	-20 °C to +120 °C

G60 Operation Demo



1. Align the connector with the tube to be sealed

2. Push to lock the connection

G60 Male Threaded Quick Connector

Instant | Easy | Standard | Premium |

ONE-STOP CONNECTION

Application Cases



Water Heater



Air-Conditioner Outdoor Unit



Washing Machine Mixing Valve

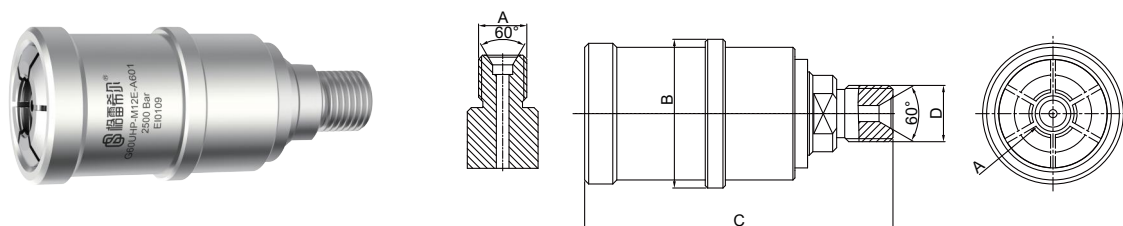


Injectors and Fuel Rail

G60 Male Threaded Quick Connector

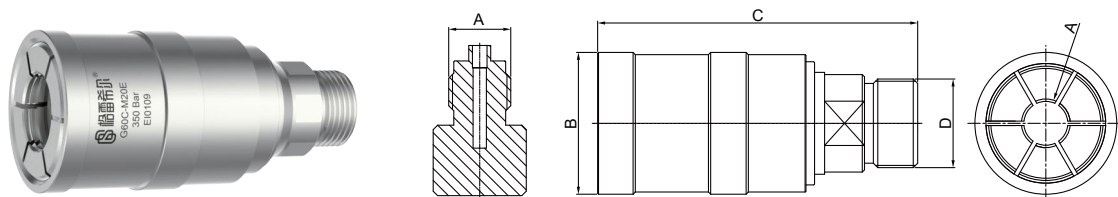
ONE-STOP CONNECTION

Instant | Easy | Standard | Premium |



G60UHP Ultra-High-Pressure Quick Connector for Fuel Systems

Mode	Dim. A	Body No.	Dim. B	Dim. C	Male Thread D	Max. Press.*	Material Seal	Material	Seal No.
G60UHP-M12E-A601	M12X1.5	1U	34	80	M14x1.5	2500 Bar	Special Stainless Steel	PU Rubber	SG60UHP-M12E
G60UHP-M14E-A601	M14X1.5	1U	34	80					SG60UHP-M14E
G60UHP-M16E-A601	M16X1.5	1U	34	80					SG60UHP-M16E
G60UHP-M18E-A601	M18X1.5	2U	38	80					SG60UHP-M18E



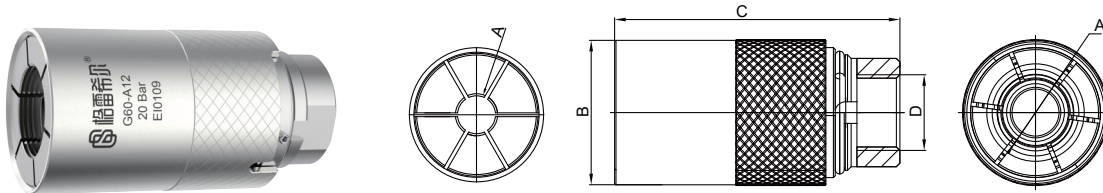
G60C Quick Connector for Instrument Calibration

Model	Dim. A	Body No.	Dim. B	Dim. C	Male Thread D	Max. Press.*	Material	Seal Material	Seal No.
G60C-M10C	M10*1.0	1C	25	72	M14*1.5	350 Bar	316 SS	NBR	SG60C-M10C
G60C-M10E	M10*1.5	1C	25	72					SG60C-M10E
G60C-G01	BSPP1/8"	1C	25	72					SG60C-G01
G60C-R01	BSPT1/8"	1C	25	72					SG60C-R01
G60C-N01	NPT1/8"	1C	25	72					SG60C-N01
G60C-M12C	M12*1.0	2C	32	72	M20*1.5				SG60C-M12C
G60C-M12E	M12*1.5	2C	32	72					SG60C-M12E
G60C-M14E	M14*1.5	2C	32	75	M20*1.5				SG60C-M14E
G60C-G02	BSPP1/4"	2C	32	75					SG60C-G02
G60C-R02	BSPT1/4"	2C	32	75					SG60C-R02
G60C-N02	NPT1/4"	2C	32	75					SG60C-N02
G60C-M20E	M20*1.5	3C	40	85	M20*1.5				SG60C-M20E
G60C-G04	BSPP1/2"	3C	40	85					SG60C-G04
G60C-R04	BSPT1/2"	3C	40	85					SG60C-R04
G60C-N04	NPT1/2"	3C	40	85					SG60C-N04
G60HP-M14E	M14*1.5	2HP	36	85	M14*1.5	700 Bar	316 SS	NBR	SG60HP-M14E
G60HP-M20E	M20*1.5	3HP	43	95	M20*1.5				SG60HP-M20E

G60 Male Threaded Quick Connector

ONE-STOP CONNECTION

Instant | Easy | Standard | Premium |



G/R Imperial Thread Selection Table (Water Heater Version)



Model	Dim. A	Body No.	Dim. B	Dim. C	Fluid Port D	Max. Pressure	Material	Seal Material	Seal No.
G60-085	G(R)1/2	5	40	80	BSPP 1/2	20bar	Stainless	NBR	SG60-085
G60-125	G(R)3/4	6	46	90	BSPP 3/4				SG60-125
G60P-085	G(R)1/2	5	40	80	BSPP 1/2				SG60P-085
G60P-125	G(R)3/4	6	46	90	BSPP 3/4				SG60P-125
G60A-085	G(R)1/2	5	40	80	BSPP 1/2				SG60A-085
G60A-125	G(R)3/4	6	46	90	BSPP 3/4				SG60A-125
G60A-165	G(R)1	7	50	90	BSPP 1				SG60A-165

* Other thread specifications can be customised on request, up to 2 inch.

Metric Thread Selection Table (M)



Model	Dim. A	Body No.	Dim. B	Dim. C	Fluid Port D	Max. Pressure	Material	Seal Material	Seal No.
G60-M10	M10X1.0	2	25	75	BSPP1/8	50 Bar	316 SS	Neoprene	SG60-M10
G60-M12	M12X1.5	3	30	75	BSPP1/4	50 Bar	316 SS	Neoprene	SG60-M12
G60-M14	M14X1.5	4	35	80	BSPP3/8	50 Bar	316 SS	Neoprene	SG60-M14
G60-M16	M16X1.5	4	35	80	BSPP3/8	50 Bar	316 SS	Neoprene	SG60-M16
G60-M18	M18X1.5	5	40	80	BSPP1/2	50 Bar	316 SS	Neoprene	SG60-M18
G60-M20	M20X1.5	5	40	80	BSPP1/2	50 Bar	316 SS	Neoprene	SG60-M20
G60-M22	M22X1.5	6	46	90	BSPP3/4	50 Bar	316 SS	Neoprene	SG60-M22
G60-M24	M24X1.5	6	46	90	BSPP3/4	50 Bar	316 SS	Neoprene	SG60-M24

SAE 45° Thread Selection Table



Model	Dim. A	Body No.	Dim. B	Dim. C	Fluid Port D	Max. Pressure	Material	Seal Material	Seal No.
G60-A04	-4(7/16-20)	2	25	75	BSPP1/8	50 Bar	316 SS	NBR	SG60-A04
G60-A06	-6(9/16-18)	4	35	80	BSPP3/8	50 Bar	316 SS	NBR	SG60-A06
G60-A08	-8(3/4-16)	4	35	80	BSPP3/8	50 Bar	316 SS	NBR	SG60-A08
G60-A10	-10(7/8-14)	6	46	90	BSPP3/4	50 Bar	316 SS	NBR	SG60-A10
G60-A12	-12(1-1/16-12)	6	46	90	BSPP3/4	50 Bar	316 SS	NBR	SG60-A12
G60-A14	-14(1-1/4-12)	7	50	90	BSPP3/4	50 Bar	316 SS	NBR	SG60-A14
G60-A16	-16(1-3/8-12)	7	50	90	BSPP3/4	50 Bar	316 SS	NBR	SG60-A16

Note:

For all male threaded ports, customers must provide drawings and samples for final confirmation. If a larger size than shown in the selection table is required, please contact us. G60 connectors with other thread types (NPT) and larger sizes can be customised.