

BSP Pipe Thread Fittings — ISO 228 (G)

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Pipe & Pneumatic Fittings · BSP Pipe Thread Fittings

BSP Pipe Thread Fittings to ISO 228 (G). Full dimensional table, materials, finishes and quotation. 22 sizes listed.



Technical Drawing

Customize the parameters below — every spec field is editable, and the drawing redraws to match the values you choose.

Changing the size will snap the other fields to that size's standard values; you can then override any individual value.

Sends the selected values to the quote form below.

Request a Quotation for BSP Pipe Thread Fittings

Tell us the size, material, finish and quantity you need for BSP Pipe Thread Fittings (ISO 228 (G)) and our team will respond within one business day. Click "Request this configuration" on the drawing above to send the parameters you just chose straight into this

form.

Category Type Standard Thread size Material Finish

Dimensions & Specifications (ISO 228 (G))

Every row below is a starting point for the customizer above — pick any size and the drawing will redraw to that row.

Size	Nominal size (in)	Major diameter (mm)	Pitch (mm)	Threads per inch (TPI)	Tap drill (mm)	Reference standard	Notes
G1/16	1/16	7.723	0.907	28	6.8	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1/8	1/8	9.728	0.907	28	8.8	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1/4	1/4	13.157	1.337	19	11.5	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G3/8	3/8	16.662	1.337	19	15.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1/2	1/2	20.955	1.814	14	18.5	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G5/8	5/8	22.911	1.814	14	20.5	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G3/4	3/4	26.441	1.814	14	24.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G7/8	7/8	30.201	1.814	14	27.5	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1	1	33.249	2.309	11	30.5	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1-1/8	1-1/8	37.897	2.309	11	35.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1-1/4	1-1/4	41.91	2.309	11	39.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1-1/2	1-1/2	47.803	2.309	11	45.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G1-3/4	1-3/4	53.746	2.309	11	51.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G2	2	59.614	2.309	11	57.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G2-1/4	2-1/4	65.71	2.309	11	63.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket

Size	Nominal size (in)	Major diameter (mm)	Pitch (mm)	Threads per inch (TPI)	Tap drill (mm)	Reference standard	Notes
G2-1/2	2-1/2	75.184	2.309	11	72.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G2-3/4	2-3/4	81.534	2.309	11	79.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G3	3	87.884	2.309	11	85.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G3-1/2	3-1/2	100.33	2.309	11	97.5	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G4	4	113.03	2.309	11	110.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G5	5	138.43	2.309	11	135.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket
G6	6	163.83	2.309	11	160.0	ISO 228-1 / DIN ISO 228	Parallel pipe thread (G), sealed by gasket

BSP Pipe Thread Fittings are pipe & pneumatic fittings manufactured to ISO 228 (G). This page lists the full dimensional range with the key specifications engineers need to select and specify them.

What Are BSP Pipe Thread Fittings?

BSP Pipe Thread Fittings are pipe & pneumatic fittings defined by ISO 228 (G). They are selected by thread size and the dimensional characteristics shown below, and are available in a range of materials and finishes to suit the application and environment.

Materials & Finishes

Common materials include carbon steel (typically zinc plated or hot-dip galvanized), alloy steel in property classes 8.8, 10.9 and 12.9, and stainless steel A2 (304) or A4 (316) for corrosion resistance. Specify the material, property class and surface finish appropriate to your load and environment.

Typical Applications

Connecting pipe, hose and tubing in hydraulic, pneumatic and fluid-transfer systems. [Read the full application guide for BSP Pipe Thread Fittings →](#)

Related Fasteners

- [Push-In Pneumatic Fittings — Industry standard](#)
- [Hydraulic Compression Fittings — DIN 2353](#)
- [NPT Pipe Thread Fittings — ASME B1.20.1](#)

Pricing

BSP Pipe Thread Fittings are stocked and supplied to order. Pricing starts from approximately US\$0.20 per piece for standard sizes in carbon steel; final pricing depends on size, material, finish and order quantity (MOQ applies). Submit your exact configuration with the quote form above.

Frequently Asked Questions

Which standard governs BSP Pipe Thread Fittings, and how are they driven?

BSP Pipe Thread Fittings are manufactured to ISO 228 (G) and use the standard drive for this product family. The dimensional values on this page follow that standard.

Which sizes of BSP Pipe Thread Fittings does engineeringhardware.com supply?

The table on this page lists 22 sizes for BSP Pipe Thread Fittings, ranging from G1/16 to G6. Sizes outside the table can be quoted on request.

In which materials are BSP Pipe Thread Fittings supplied?

BSP Pipe Thread Fittings are supplied in brass, carbon steel and stainless, with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for BSP Pipe Thread Fittings.

How do I request a quotation?

Use the parametric drawing on this page to set the exact configuration (size, material, finish) and click "Request this configuration" — a specialist from engineeringhardware.com will respond within one business day.

More Pipe & Pneumatic Fittings

[← PreviousPush-In Pneumatic FittingsIndustry standard](#)[Next →NPT Pipe Thread FittingsASME B1.20.1](#)