

BRITISH GAGES

BSPT TAPER SCREW THREAD PLUG AND RING GAGES

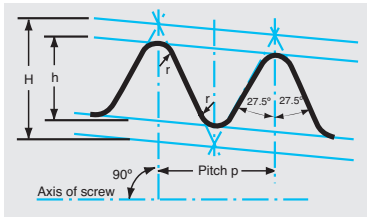
Gages for testing pipe threads where pressure tight joints are made on the threads to BS 21: 1985, and ISO 7/2 1982.

BS 21 specifies requirements of pipe threads for joints made pressure tight by the mating of threads, and are taper external, taper internal, parallel external and parallel internal threads.

The thread form is based on the Whitworth profile. The taper is 1:16 on diameter, normal to the axis.

Please note that ISO-7-2:2000(E) specifies that the external taper product thread is gauged by using a parallel full form threaded ring gage and a tapered plain ring gage respectively.

ISO 7/2 are different in design and have different gage manufacture limits than BS21.



TO BS21 & ISO 7/2 1982
ALSO AVAILABLE
FOR ISO 7/2 2000

AVAILABLE AS:

- Taper Screw "Rc" Plug
- Taper Screw "R" Ring
- Taper Plain Plug

CALL FOR PRICES
SIZES

1/16 X 28
1/8 X 28
1/4 X 19
3/8 X 19
1/2 X 14
5/8 X 14
3/4 X 14
1 X 11
1 1/8 X 11
1 1/4 X 11
1 1/2 X 11
2 X 11
2 1/2 X 11
3 X 11
3 1/2 X 11
4 X 11
5 X 11
6 X 11

BA SCREW THREAD GAGES

TO BS93 & BS 919
PLUGS & RINGS TO NORMAL CLASS

AVAILABLE AS:

- End only Go or NoGo Screw Plug
- Double End Go or NoGo Screw Plug w/handle
- Screw Ring Gage Go or NoGo

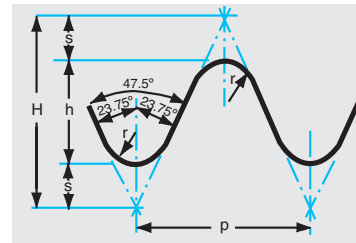
CALL FOR PRICES

SIZES

BA
0
1
2
3
4
5
6
7
8
9
10

Gages for testing threads having a full form BA profile are manufactured to BS 93: 1951, and BS 919: Part 2: 1971.

BS 93 specifies basic information for the British Association thread form, and tabulates diameters for threads from 0BA to 25BA.



$$H = 1.1363365 \times p$$

$$r = .1808346 \times p$$

$$h = 0.6 \times p$$

$$s = 2681683 \times p$$

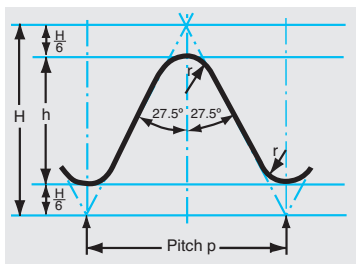
BSF & BSW SCREW THREAD GAGES

Gages for testing parallel threads having a full form Whitworth profile are manufactured to BS 84: 1956, and BS 919: Part 2: 1971.

BS 84 specifies basic information for the Whitworth form, and tabulates diameters for threads designated BSW and BSF.

BSW is a coarse thread series from 1/8" to 6" diameter.

BSF is a fine thread series from 3/16" to 3" diameter.



$$H = 0.960491p$$

$$h = \frac{2}{3}H = 0.640327p$$

$$\frac{H}{6} = 0.160082p$$

$$r = 0.137329p$$

TO BS84 & BS 919
PLUGS & RINGS TO MEDIUM CLASS

AVAILABLE AS:

- End only Go or NoGo Screw Plug
- Double End Go or NoGo Screw Plug
- Double End Style A Setting Plug
- Screw Ring Gauge Go or NoGo

CALL FOR PRICES

SIZES

BSF	BSW
	1/8 X 40
3/16 X 32	3/16 X 24
1/4 X 26	1/4 X 20
5/16 X 22	5/16 X 18
3/8 X 20	3/8 X 16
7/16 X 18	7/16 X 14
1/2 X 16	1/2 X 12
9/16 X 16	9/16 X 16
5/8 X 14	5/8 X 11
3/4 X 12	3/4 X 10
7/8 X 11	7/8 X 9
1 X 10	1 X 8
1 1/8 X 9	1 1/8 X 7
1 1/4 X 9	1 1/4 X 7
1 3/8 X 8	1 3/8 X 6
1 1/2 X 8	1 1/2 X 6

BSP SCREW THREAD GAGES

TO BS2779* ALSO TO DIN 228
RING GAUGES SUPPLIED IN CLASS A OR B

CALL FOR PRICES

SIZES

G1/8 X 28
G1/4 X 19
G3/8 X 19
G1/2 X 14
G5/8 X 14
G3/4 X 14
G7/8 X 14
G1 X 11
G1 1/8 X 11
G1 1/4 X 11
G1 1/2 X 11
G2 X 11
G2 1/2 X 11
G3 X 11
G3 1/2 X 11
G4 X 11
G5 X 11
G6 X 11

BSP - Parallel Thread - ISO 228, BS 21, DIN 259, DIN 5157. Class A is standard tolerance. Class B is loose or rough tolerance. 55° thread.

* In March 2003 the British Standards Institute withdrew BS-2779 and replaced it with ISO-228 (technically BS-EN-ISO-228). This statement is that all requirements for BS-2779 will now be filled with ISO-228