

PLAIN TAPER GAUGES

Gauges for testing conical fittings with a 6% Luer taper for syringes, needles and other medical equipment to ISO 594/1-1986 (BS EN 20594-1: 1994).

ISO 594/1-1986 specifies requirements for conical fittings with a 6% Luer taper. Conical fittings are made of rigid or semi-rigid materials.

There are two types of ring gauge specified. One for testing rigid fittings, and one for testing semi-rigid fittings. When ordering ring gauges it is important to indicate which type is required.

There is only one type of plug gauge, which is used to test fittings made of all materials.

All gauges will be provided with limit steps as specified.

LUER TAPER GAUGES TO BS EN 20594-1: 1994		
PLUG	FIG 3a	1320
RING	FIG 3b	1322

Gauges for testing anaesthetic and respiratory equipment. Conical connectors to ISO 5356-1 1996.

ISO 5356-1 1996 specifies basic dimensions and gauging requirements for cones and sockets for use in breathing systems, anaesthetic gas scavenging systems, and vaporizers.

The main body of the standard specifies dimensions and tolerances for plain taper plug and ring gauges for testing connectors of 15mm size and 22mm size made of materials other than metal.

Both sizes have a tapered gauging surface of 1:40 on diameter.

Annex B of this standard specifies dimensions and tolerances for plain taper plug and ring gauges for testing connectors of 15mm, 19mm, 22mm, 23mm and 30mm sizes made of metal.

The 15mm, 19mm and 22mm sizes have a tapered gauging surface of 1:40 on diameter.

The 23mm size has a taper of 1:36 on diameter, and the 30mm size has a taper of 1:20 on diameter.

All gauges will be provided with basic steps as specified, but will not have optional steps to check mating gauges unless specifically ordered.

Gauges for testing machine tapers

We manufacture all types of machine tool taper gauges to the current National and International standards.

They can be supplied single or in boxed sets with comprehensive UKAS certification.

SPINDLE NOSE GAUGES TO ANSI B5.9: 1967 TYPES A, B & D		
SIZE	PLUG	RING
2"	6800P	6800R
3"	6801P	6801R
4"	6802P	6802R
5"	6803P	6803R
6"	6804P	6804R
8"	6805P	6805R

Gauges only supplied in matching pairs (unless matching gauge supplied).

MORSE TAPER GAUGES BS 1660 PT11:1991				
SIZE	WITH TANG		WITHOUT TANG	
	PLUG C	RING F	PLUG D	RING G
0	1330	1331	1332	1333
1	1334	1335	1336	1337
2	1338	1339	1340	1341
3	1342	1343	1344	1345
4	1346	1347	1348	1349
5	1350	1351	1352	1353

INTERNATIONAL TAPERS BS 1660 PT11:1991		
SIZE	PLUG	RING
No. 30	1360	1361
No. 35	1362	1363
No. 40	1364	1365
No. 45	1366	1367
No. 50	1368	1369

