

FITTINGS

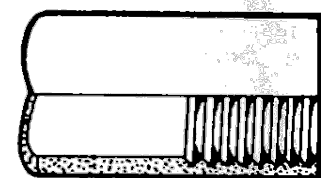
Wrought Steel Fittings

BS 21 and BS 1740 - 1965 (BSEN 10241:2000)

WORKING PRESSURES and TEMPERATURES

Wrought steel fittings to BS 1740 may be used for water, gas, steam or air services and are screwed for use with medium and heavy quality pipe to SANS 62. Maximum temperatures shall not exceed 232°C (450°F). Test pressure 48.5 bar.

DETAILS OF DIMENSIONS AND THREADS



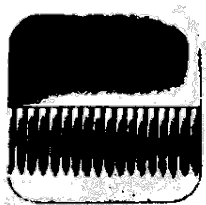
Female thread (parallel)



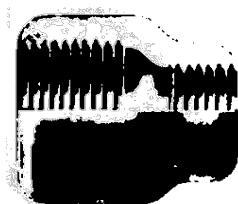
Male thread (taper)

Size		Min o.d. X	Min o.d. of body behind male thread Y		Max i.d. of body behind female thread D		Number of threads per inch
mm	inches	mm	mm	inches	mm	inches	
6	1/8	15	9.5	0.386	8.5	0.337	28
8	1/4	18.5	13.2	0.522	11.5	0.451	19
10	3/8	22	16.8	0.660	15.0	0.589	19
15	1/2	27	21.1	0.831	18.6	0.734	14
20	3/4	32.5	26.6	1.047	24.1	0.950	14
25	1	39.5	33.4	1.316	30.3	1.193	11
32	1 1/4	49	42.1	1.657	39.0	1.534	11
40	1 1/2	56	48.0	1.889	44.9	1.766	11
50	2	68	59.8	2.354	56.6	2.231	11
65	2 1/2	84	75.4	2.969	72.3	2.844	11
80	3	98	88.1	3.469	85.0	3.344	11
100	4	124	113.2	4.459	110.0	4.334	11
125	5	151	138.7	5.459	135.4	5.334	11
150	6	178	164.0	6.459	161.0	6.334	11

SOCKETS



Parallel Socket



Reducing Socket

Size		Min outside diameter		Min. length (Parallel sockets)	
mm	inches	mm	inches	mm	inches
6	1/8	15	19/32	19	3/4
8	1/4	18.5	23/32	27	1 1/16
10	3/8	22	7/8	28	1 1/8
15	1/2	27	1 1/16	37	1 7/16
20	3/4	32.5	1 9/32	39	1 9/16
25	1	39.5	1 9/16	46	1 13/16
32	1 1/4	49	1 15/16	51	2
40	1 1/2	56	2 3/16	51	2
50	2	68	2 11/16	60	2 3/8
65	2 1/2	84	3 5/16	69	2 11/16
80	3	98	3 7/8	75	2 15/16
100	4	124	4 7/8	87	3 7/16
125	5	151	5 15/16	96	3 3/4
150	6	178	7	96	3 3/4