

# B.S. Simplex Sprockets. Stock Sizes



- ◆ Stock sizes listed. Other sizes available on request.
- ◆ Available with flame hardened or plain teeth.
- ◆ Pilot bore or can be bored and keyed to order.

**BS 06B-1 3/8" Simplex Sprockets**

No .of Teeth	Part Number	O.D mm	Max Bore mm
13	06B1-13T	43.5	18
15	06B1-15T	49.5	20
17	06B1-17T	55.5	25
19	06B1-19T	61.6	28
20	06B1-20T	64.6	30
21	06B1-21T	67.6	30
23	06B1-23T	73.7	32
25	06B1-25T	79.7	32
27	06B1-27T	85.7	32
30	06B1-30T	94.8	32
38	06B1-38T	119.0	42
45	06B1-45T	141.1	42
57	06B1-57T	177.5	42
76	06B1-76T	235.1	45

**BS 08B-1 1/2" Simplex Sprockets**

No of Teeth	Part Number	O.D mm	Max Bore mm
13	08B1-13T	57.9	20
15	08B1-15T	65.9	28
17	08B1-17T	74.0	32
19	08B1-19T	82.0	40
20	08B1-20T	86.0	45
21	08B1-21T	90.1	48
23	08B1-23T	98.1	51
25	08B1-25T	106.2	42
27	08B1-27T	114.2	42
30	08B1-30T	126.3	42
38	08B1-38T	158.6	45
45	08B1-45T	188.6	48
57	08B1-57T	237.1	48
76	08B1-76T	313.9	55

**BS 10B-1 5/8" Simplex Sprockets**

No .of Teeth	Part Number	O.D mm	Max Bore mm
13	10B1-13T	73.2	32
15	10B1-15T	83.2	35
17	10B1-17T	93.3	45
19	10B1-19T	103.3	48
20	10B1-20T	108.4	48
21	10B1-21T	113.4	48
23	10B1-23T	123.5	48
25	10B1-25T	133.6	48
27	10B1-27T	143.6	48
30	10B1-30T	158.8	48
38	10B1-38T	199.1	55
45	10B1-45T	236.0	55
57	10B1-57T	296.6	63

**BS 12B-1 3/4" Simplex Sprockets**

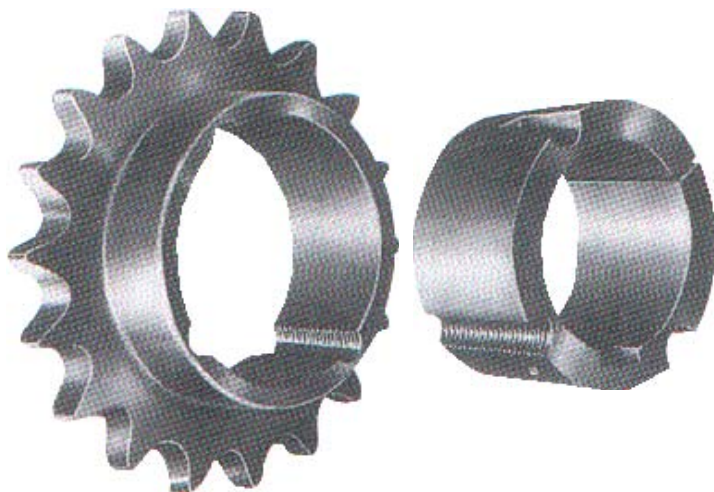
No .of Teeth	Part Number	O.D mm	Max Bore mm
13	12B1-13T	87.8	35
15	12B1-15T	99.8	45
17	12B1-17T	111.9	48
19	12B1-19T	123.9	55
20	12B1-20T	130.0	55
21	12B1-21T	136.0	55
23	12B1-23T	148.1	55
25	12B1-25T	160.2	55
27	12B1-27T	172.3	55
30	12B1-30T	190.4	55
38	12B1-38T	239.9	55
45	12B1-45T	283.2	63
57	12B1-57T	355.9	63
76	12B1-76T	471.1	70

**BS 16B-1 1" Simplex Sprockets**

No .of Teeth	Part Number	O.D mm	Max Bore mm
13	16B1-13T	117.7	51
15	16B1-15T	133.7	63
17	16B1-17T	149.8	63
19	16B1-19T	165.9	63
20	16B1-20T	173.9	63
21	16B1-21T	182.0	63
23	16B1-23T	198.1	75
25	16B1-25T	214.2	75
27	16B1-27T	230.4	75
30	16B1-30T	254.6	75
38	16B1-38T	319.2	80
45	16B1-45T	377.9	80
57	16B1-57T	474.9	80
76	16B1-76T	628.4	85

Note: Bore sizes may vary depending on manufacturer. Please confirm sizes.

# Taper Lock Sprockets



- ♦ Available for BSS roller chain.
- ♦ Manufactured from carbon steel.
- ♦ Available with plain or flame hardened teeth for maximum wear resistance.
- ♦ Will take standard Taper Lock bushes.
- ♦ Available in 1/2", 5/8", 3/4" and 1" Simplex.
- ♦ Other sizes available on indent.

Pitch	No of teeth	Pt No.	Bush
1/2"	<b>17</b>	TL08B1-17T	1210
1/2"	<b>19</b>	TL08B1-19T	1210
1/2"	<b>21</b>	TL08B1-21T	1610
1/2"	<b>23</b>	TL08B1-23T	1610
5/8"	<b>17</b>	TL10B1-17T	1610
5/8"	<b>19</b>	TL10B1-19T	1610
5/8"	<b>21</b>	TL10B1-21T	1610
5/8"	<b>23</b>	TL10B1-23T	1610

Pitch	No of teeth	Pt No.	Bush
3/4"	<b>13</b>	TL12B1-13T	1210
3/4"	<b>15</b>	TL12B1-15T	1610
3/4"	<b>17</b>	TL12B1-17T	1610
3/4"	<b>19</b>	TL12B1-19T	2012
3/4"	<b>21</b>	TL12B1-21T	2517
3/4"	<b>23</b>	TL12B1-23T	2517
3/4"	<b>25</b>	TL12B1-25T	2517
3/4"	<b>27</b>	TL12B1-27T	2517
3/4"	<b>30</b>	TL12B1-30T	2517
3/4"	<b>38</b>	TL12B1-38T	2517

Pitch	No of teeth	Pt No.	Bush
1"	<b>13</b>	TL16B1-13T	1615
1"	<b>15</b>	TL16B1-15T	1615
1"	<b>17</b>	TL16B-17T	2012
1"	<b>19</b>	TL16B1-19T	2517
1"	<b>21</b>	TL16B1-21T	2517
1"	<b>23</b>	TL16B1-23T	2517
1"	<b>25</b>	TL16B1-25T	2517
1"	<b>27</b>	TL16B1-27T	2517
1"	<b>30</b>	TL16B1-30T	2517
1"	<b>38</b>	TL16B1-38T	2517



Taper Bush Data

Max Bore	<b>1108</b>	<b>1210</b>	<b>1610</b>	<b>2012</b>	<b>2517</b>	<b>3020</b>	<b>3525</b>	<b>4030</b>	<b>4535</b>	<b>5040</b>
Metric	<b>28</b>	<b>32</b>	<b>42</b>	50	60	75	<b>100</b>	<b>115</b>	<b>125</b>	125
Imperial	1.125"	1.250"	1.625"	2.000"	2.500"	3.000"	3.500"	4.000"	4.500"	5.000"
Large end diameter	38	47.5	57	70	85.5	108	127	146	162	177.5

Bold lettering indicates special material for large bore bushes