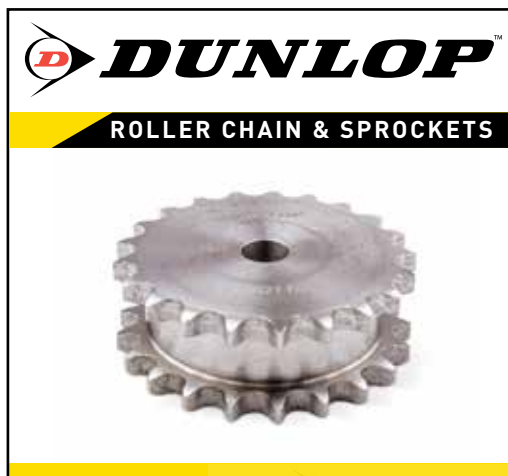


PILOT BORE SPROCKETS

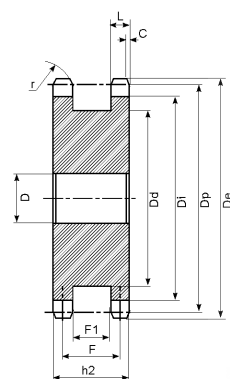


**DOUBLE SIMPLEX PILOT BORE SPROCKETS - STEEL**

**Description**

Double simplex pilot bore sprockets are manufactured to internationally recognised standards DIN8187-ISO/R 606 and are produced from C45 steel UNI EN 10083-1 having a minimum strength of 600 N/mm<sup>2</sup>.

Conveniently stocked with a minimum pilot bore (dimension 'D') they can be machined to suit any suitable mounting requirement. Available from stock to suit British standard roller chains from 06B (3/8" pitch) up to 16B (1" pitch) sizes for 2 Simplex (single) chains to run in opposite directions at the same time.

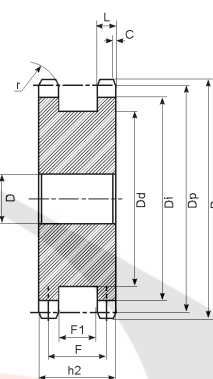


**06B Chain**  
**3/8" x 7/32"**

Pitch: 9.525mm  
Internal width: 5.72mm  
Roller dia: 6.35mm

**Sprocket**

Tooth radius: 10mm  
Radius width C: 1mm  
Tooth width L: 5.3mm



**08B Chain**  
**1/2" x 5/16"**

Pitch: 12.7mm  
Internal width: 7.75mm  
Roller dia: 8.51mm

**Sprocket**

Tooth radius r: 13mm  
Radius width C: 1.3mm  
Tooth width L: 7.2mm

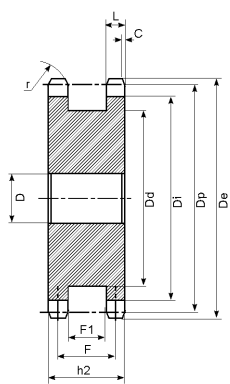
**06B-1 (3SR) DS**

Teeth	De	Dp	Part No.	F	F1	D	Db	h2
13	43.00	39.80	<b>3SR13-DS</b>	19	13.7	10	28	24.3
15	49.30	45.81	<b>3SR15-DS</b>	19	13.7	10	34	24.3
17	55.30	51.83	<b>3SR17-DS</b>	19	13.7	10	40	24.3
18	58.30	54.85	<b>3SR18-DS</b>	19	13.7	10	43	24.3
19	61.30	57.87	<b>3SR19-DS</b>	19	13.7	10	46	24.3
20	64.30	60.89	<b>3SR20-DS</b>	19	13.7	10	49	24.3
21	68.00	63.91	<b>3SR21-DS</b>	19	13.7	12	52	24.3
23	73.50	69.95	<b>3SR23-DS</b>	19	13.7	12	59	24.3
25	80.00	76.00	<b>3SR25-DS</b>	19	13.7	12	65	24.3

**08B-1 (4SR) DS**

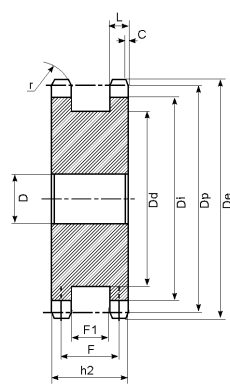
Teeth	De	Dp	Part No.	F	F1	D	Db	h2
13	57.40	53.06	<b>4SR13-DS</b>	23.8	16.6	10	37	31
15	65.50	61.09	<b>4SR15-DS</b>	23.8	16.6	10	45	31
17	73.60	69.11	<b>4SR17-DS</b>	23.8	16.6	12	53	31
18	77.80	73.14	<b>4SR18-DS</b>	23.8	16.6	12	57	31
19	81.70	77.16	<b>4SR19-DS</b>	23.8	16.6	12	62	31
20	85.80	81.19	<b>4SR20-DS</b>	23.8	16.6	12	66	31
21	89.70	85.22	<b>4SR21-DS</b>	23.8	16.6	14	70	31
23	98.20	93.27	<b>4SR23-DS</b>	23.8	16.6	14	78	31
25	105.80	101.33	<b>4SR25-DS</b>	23.8	16.6	14	86	31

PILOT BORE SPROCKETS - STAINLESS STEEL



**10B Chain**  
**5/8" x 3/8"**

Pitch: 15.875mm  
Internal width: 9.65mm  
Roller dia: 10.16mm  
**Sprocket**  
Tooth radius r: 16mm  
Radius width C: 1.6mm  
Tooth width L: 9.1mm



**12B Chain**  
**3/4" x 7/16"**

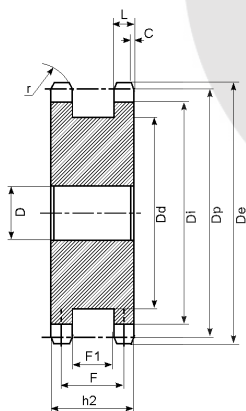
Pitch: 19.05mm  
Internal width: 11.68mm  
Roller dia: 12.07mm  
**Sprocket**  
Tooth radius r: 19mm  
Radius width C: 2mm  
Tooth width L: 11.1mm

**10B-1 (5SR) DS**

Teeth	De	Dp	Part No.	F	F1	D	Db	h2
13	73.00	66.32	5SR13-DS	27.3	18.1	12	50	36.5
15	83.00	76.36	5SR15-DS	27.3	18.1	12	60	36.5
17	93.00	86.39	5SR17-DS	27.3	18.1	14	70	36.5
18	98.30	91.42	5SR18-DS	27.3	18.1	14	75	36.5
19	103.30	96.45	5SR19-DS	27.3	18.1	14	80	36.5
20	108.40	101.49	5SR20-DS	27.3	18.1	14	85	36.5
21	113.40	106.52	5SR21-DS	27.3	18.1	16	90	36.5
23	123.40	116.58	5SR23-DS	27.3	18.1	16	100	36.5
25	134.00	126.66	5SR25-DS	27.3	18.1	16	110	36.5

**12B-1 (6SR) DS**

Teeth	De	Dp	Part No.	F	F1	D	Db	h2
13	87.5	79.6	6SR13-DS	33.9	22.8	14	59	45
15	99.8	91.6	6SR15-DS	33.9	22.8	14	71	45
17	111.5	103.7	6SR17-DS	33.9	22.8	16	83	45
18	118.0	109.7	6SR18-DS	33.9	22.8	16	89	45
19	124.2	115.8	6SR19-DS	33.9	22.8	16	95	45
20	129.7	121.8	6SR20-DS	33.9	22.8	16	101	45
21	136.0	127.8	6SR21-DS	33.9	22.8	20	107	45
23	149.0	139.9	6SR23-DS	33.9	22.8	20	119	45
25	160.0	152.0	6SR25-DS	33.9	22.8	20	131	45



**16B Chain**  
**1" x 17.02mm**

Pitch: 25.4mm  
Internal width: 17.02mm  
Roller dia: 15.88mm  
**Sprocket**  
Tooth radius r: 26mm  
Radius width C: 2.5mm  
Tooth width L: 16.2mm

**16B-1 (8SR) DS**

Teeth	De	Dp	Part No.	F	F1	D	Db	h2
13	117.00	106.12	8SR13-DS	47.3	31.1	16	81	63.5
15	133.00	122.17	8SR15-DS	47.3	31.1	16	97	63.5
17	149.00	138.22	8SR17-DS	47.3	31.1	20	113	63.5
18	157.00	146.28	8SR18-DS	47.3	31.1	20	121	63.5
19	165.20	154.33	8SR19-DS	47.3	31.1	20	129	63.5
20	173.20	162.38	8SR20-DS	47.3	31.1	20	137	63.5
21	181.20	170.43	8SR21-DS	47.3	31.1	20	145	63.5
23	197.50	186.53	8SR23-DS	47.3	31.1	20	161	63.5
25	213.50	202.66	8SR25-DS	47.3	31.1	20	177	63.5

