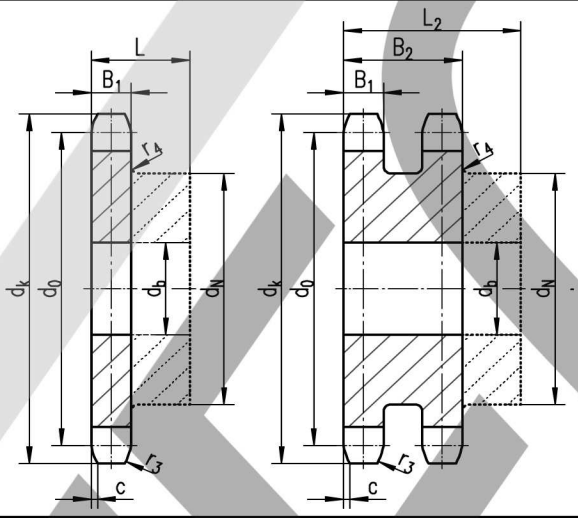
05B — Chain Sprockets for Roller Chains according DIN 8187 - 05B — 05B

Measurements of the Chain		
p	=	8,0mm
b_1	=	3,0mm
d_1	=	5,0mm
e	=	5,64mm

Measurements of the Sprocket		
B_1	=	$2{,}7_{-0{,}25}$mm
B_2	=	8,34 max.
c	=	$0{,}8^{+0{,}4}$mm
r_3	=	8 min.
r_4	=	0,4 max.



Teeth z	Pitch circle d_o	Head circle d_k	Simplex: Diamater of Hub d_n	Simplex: Bore Diameter d_b	Simplex: Length of Hub L	Duplex: Diamater of Hub d_n	Duplex: Bore Diameter d_b	Duplex: Length of Hub L	Triplex: Diamater of Hub d_n	Triplex: Bore Diameter d_b	Triplex: Length of Hub L
8	20,91	23,4	13	6	12	12	6	18			
9	23,39	25,9	15	6	12	15	6	18			
10	25,89	28,4	17	6	12	17	8	18			
11	28,40	31,0	18	7	13	19	8	18			
12	30,91	33,7	20	7	13	21	8	18			
13	33,43	36,7	23	7	13	24	8	18			
14	35,95	39,2	25	7	13	26	8	18			
15	38,48	41,7	28	7	13	29	8	18			
16	41,01	44,2	30	8	14	32	10	20			
17	43,54	46,7	30	8	14	34	10	20			
18	46,07	49,2	30	8	14	37	10	20			
19	48,60	51,7	30	8	14	39	10	20			
20	51,14	54,2	30	8	14	40	10	20			
21	53,68	57,2	35	8	14	45	12	20			
22	56,21	59,4	35	8	14	45	12	20			
23	58,75	62,2	35	8	14	45	12	20			
24	61,29	64,7	35	8	14	45	12	20			
25	63,83	67,2	35	8	14	45	12	20			
26	66,37	69,7	40	10	16	50	12	22			
27	68,91	72,3	40	10	16	50	12	22			
28	71,45	74,7	40	10	16						
29	73,99	77,2	40	10	16						
30	76,53	80,2	40	10	16	50	12	22			
31	79,08	82,7	40	12	16						
32	81,62	85,2	40	12	16	60	12	22			
33	84,16	87,7	40	12	16						
34	86,70	90,2	40	12	16						
35	89,25	92,7	40	12	16	60	12	22			
36	91,79	95,2	40	12	16	60	12	22			
37	94,33	97,7	40	12	16						
38	96,88	100,2	40	12	16	60	12	22			
39	99,42	102,7	40	12	16						
40	101,96	105,7	40	12	16	60	12	22			
45	114,68	118,6	60	12	20						
50	127,41	131,5	60	12	20						
57	145,22	149,3	80	14	20						