

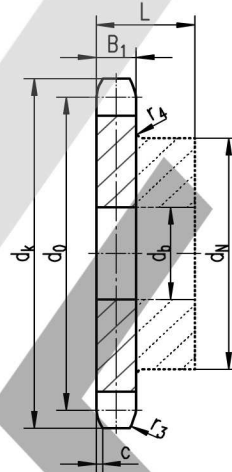
083  
084

## Chain Sprockets for Roller Chains according DIN 8187 - 083/084

083  
084

### Measurements of the Chain

$p$	=	12,7mm
$b_1$	=	4,88mm
$d_1$	=	7,75



### Measurements of the Sprocket

$B_1$  = 4,5mm

$c$  = 1,3mm

$r_3$  = 13,0mm

$r_4$  = 0,4 max.

Teeth $z$	Pitch circle $d_0$	Head circle $d_k$	Simplex			Duplex			Triplex		
			Diameter of Hub $d_n$	Bore Diameter $d_b$	Length of Hub $L$	Diameter of Hub $d_n$	Bore Diameter $d_b$	Length of Hub $L$	Diameter of Hub $d_n$	Bore Diameter $d_b$	Length of Hub $L$
8	33,19	39,5	21	8	14						
9	37,13	43,4	25	8	14						
10	41,10	47,4	28	8	14						
11	45,08	51,4	31	8	16						
12	49,07	55,4	35	8	16						
13	53,07	59,4	39	8	16						
14	57,07	63,4	43	8	16						
15	61,08	67,4	47	8	16						
16	65,10	71,4	50	10	18						
17	69,12	75,4	50	10	18						
18	73,14	79,4	50	10	18						
19	77,16	83,5	50	10	18						
20	81,18	87,5	50	10	18						
21	85,21	91,5	60	12	20						
22	89,24	95,5	60	12	20						
23	93,27	99,6	60	12	20						
24	97,30	103,6	60	12	20						
25	101,33	107,6	60	12	20						
26	105,36	111,7	70	16	20						
27	109,40	115,7	70	16	20						
28	113,43	119,7	70	16	20						
29	117,46	123,8	70	16	20						
30	121,50	127,8	70	16	20						
31	125,53	131,8	70	16	20						
32	129,57	135,9	70	16	20						
33	133,61	139,9	70	16	20						
34	137,64	143,9	70	16	20						
35	141,68	148,0	70	16	20						
36	145,72	152,0	70	16	25						
37	149,75	156,1	70	16	25						
38	153,79	160,1	70	16	25						
39	157,83	164,1	70	16	25						
40	161,87	168,2	70	16	25						