

F_B Sprockets

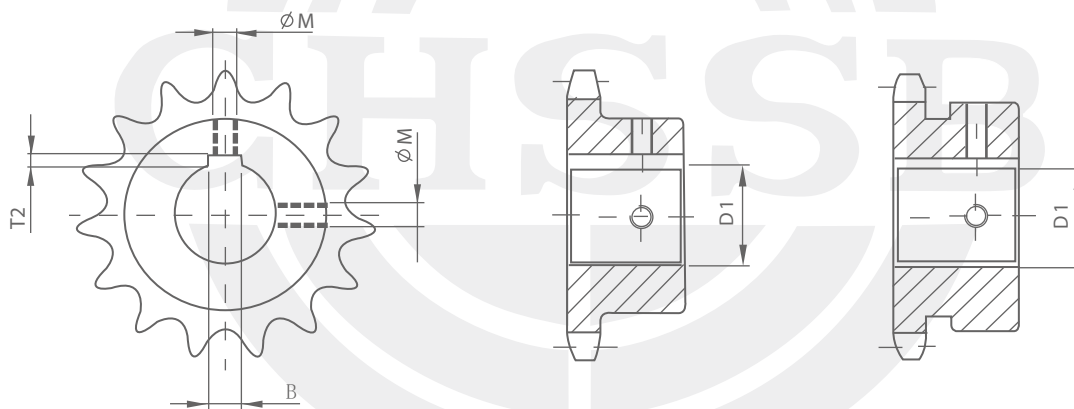
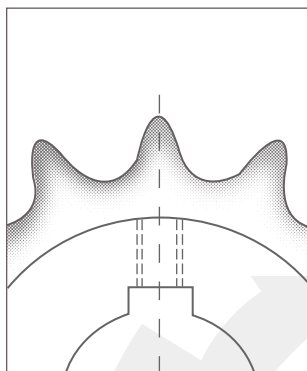
FOR ROLLER CHAINS DIN8187-ISO/R 606

Teeth:inductioned hardness(HRc 45-55)

Final bore tolerance H7;Roughness value RA 1,6

Keyway to DIN 6885/BS 4235, is located on center line of tooth

Two grub screw holes

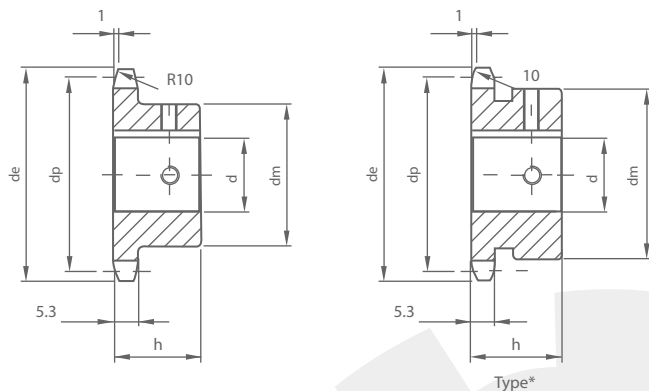


bore dia. D1	width of keyway B	height of keyway T2	tap hole dia. ØM
Ø10 H7 $+0,015$ -0	3 H9 $+0,025$ -0	1,4 $+0,10$ -0	M4
Ø12 H7 $+0,018$ -0	4 H9 $+0,030$ -0	1,8 $+0,10$ -0	M4
Ø14 H7 $+0,018$ -0	5 H9 $+0,030$ -0	2,3 $+0,10$ -0	M4
Ø15 H7 $+0,018$ -0	5 H9 $+0,030$ -0	2,3 $+0,10$ -0	M4
Ø16 H7 $+0,018$ -0	5 H9 $+0,030$ -0	2,3 $+0,10$ -0	M4
Ø18 H7 $+0,018$ -0	6 H9 $+0,030$ -0	2,8 $+0,10$ -0	M5
Ø19 H7 $+0,021$ -0	6 H9 $+0,030$ -0	2,8 $+0,10$ -0	M5
Ø20 H7 $+0,021$ -0	6 H9 $+0,030$ -0	2,8 $+0,10$ -0	M5
Ø22 H7 $+0,021$ -0	6 H9 $+0,030$ -0	2,8 $+0,10$ -0	M5
Ø24 H7 $+0,021$ -0	8 H9 $+0,036$ -0	3,3 $+0,20$ -0	M6
Ø25 H7 $+0,021$ -0	8 H9 $+0,036$ -0	3,3 $+0,20$ -0	M6

bore dia. D1	width of keyway B	height of keyway T2	tap hole dia. ØM
Ø28 H7 $+0,021$ -0	8 H9 $+0,036$ -0	3,3 $+0,20$ -0	M6
Ø30 H7 $+0,021$ -0	8 H9 $+0,036$ -0	3,3 $+0,20$ -0	M6
Ø32 H7 $+0,025$ -0	10 H9 $+0,036$ -0	3,3 $+0,20$ -0	M8
Ø35 H7 $+0,025$ -0	10 H9 $+0,036$ -0	3,3 $+0,20$ -0	M8
Ø38 H7 $+0,025$ -0	10 H9 $+0,036$ -0	3,3 $+0,20$ -0	M8
Ø40 H7 $+0,025$ -0	12 H9 $+0,043$ -0	3,3 $+0,20$ -0	M10
Ø42 H7 $+0,025$ -0	12 H9 $+0,043$ -0	3,3 $+0,20$ -0	M10
Ø45 H7 $+0,025$ -0	14 H9 $+0,043$ -0	3,8 $+0,20$ -0	M12
Ø48 H7 $+0,025$ -0	14 H9 $+0,043$ -0	3,8 $+0,20$ -0	M12
Ø50 H7 $+0,025$ -0	14 H9 $+0,043$ -0	3,8 $+0,20$ -0	M12

F_B Sprockets
FOR ROLLER CHAINS DIN8187-ISO/R 606

06B
3/8"X7/32"



PITCH-9.525mm ROLLER- $\phi 6.35$

Z	de	dp	d	h	dm	Z	de	dp	d	h	dm	Z	de	dp	d	h	dm
10	34.5	30.82	10 [△]	20	24*	17	55.5	51.83	12	28	40	22	70.6	66.93	15	28	50
			11*		26*				14						16		
			12		29*				15						18		
			14		24*				16						19		
11	37.5	33.80	10 [△]	25	26*	18	58.6	54.85	18	28	43	23	73.7	69.95	20	28	52
			12		29*				19						22		
			14		30*				20						24		
			15		31*				22						25		
12	40.5	36.80	10 [△]	25	25	19	61.6	57.87	24	28	45	24	76.7	72.97	16	28	54
			12		26*				25						18		
			14		29*				12						19		
			15		30*				14						20		
13	43.5	39.80	10 [△]	25	31*	20	64.6	60.89	15	28	46	25	79.7	76.00	22	28	57
			14		34*				16						24		
			16		35*				18						25		
			18						19						28		
14	46.5	42.80	10 [△]	25		21	67.6	63.91	22	28	48	30	94.8	91.12	16	30	60
			12						24						18		
			14						25						19		
			15						12						20		
15	49.5	45.81	10 [△]	25					14						22		
			12						15						24		
			14						16						25		
			15						18						28		
16	52.5	48.82	10 [△]	28					19						30		
			12						20								
			14						22								
			15						24								

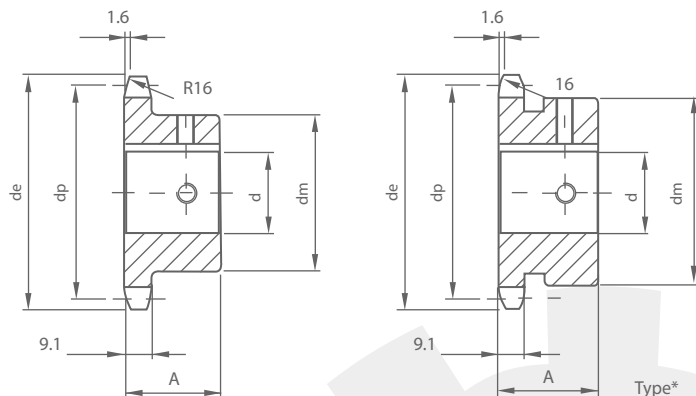
08B
1/2"X5/16"



Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm		
10	45.9	41.10	12	25	26	15	65.9	61.09	18	28	45	19	82.0	77.16	16	28	60	22	94.1	89.24	20	28	70		
			14		19				18						22										
			15		20				19						24										
			16		22				20						28										
11	49.9	45.07	12	25	29	16	69.9	65.10	24	28	50	20	86.0	81.19	24	28	64	23	98.1	93.27	24	28	70		
			14		25				20						28										
			16/15		31*				22						30										
			18		37*				24						32										
12	53.9	49.07	12	28	33	17	74.0	69.11	15	28	52	21	90.1	85.22	28	28	68	24	102.1	97.29	19	28	70		
			14/15						42*						16						18			20	22
			16												19						24			28	
			18												20						24			30	
			19												22						25			32	
			20												24						28			36	
13	57.9	53.06	12	28	37	18	78.0	73.14	16	28	56	22	94.1	89.24	16	28	55	25	106.2	101.33	25	28	80		
			14						18						20						22				
			15						19						24						28				
			16						20						24						30				
			18						22						25						32				
			19						24						28						36				
			20						26						30						38				
			22						28						32						40				
14	61.9	57.07	12	28	41	18	78.0	73.14	16	28	56	22	94.1	89.24	16	28	55	25	106.2	101.33	25	28	80		
			14						18						20						22				
			15						19						24						28				
			16						20						24						30				
			18						22						25						32				
			19						24						28						36				
			20						26						30						38				
			22						28						32						40				
15	65.9	61.09	12	28	33	18	78.0	73.14	16	28	56	22	94.1	89.24	16	28	55	25	106.2	101.33	25	28	80		
			14		18				20						22										
			15		19				24						28										
			16		20				24						30										
			18		22				25						32										

F_B Sprockets
FOR ROLLER CHAINS DIN8187-ISO/R 606

10B
5/8"X3/8"



PITCH-15.875mm ROLLER-Ø10.16mm

Z	de	dp	d	A	dm
10	58.3	51.37	15	25	35
			16		
			18		
			19		42*
			20		
			24		
11	63.2	56.34	15	30	37
			16		
			18		47*
			19		
			20	30	42
			24		
			25		
			28		
12	68.2	61.34	15	30	42
			16		
			18		51*
			19		
			20		55*
			24		
			25	30	47
			28		
			30		
			32		
13	73.2	66.32	15	30	47
			16		
			18		57*
			19		
			20		52
			22		
			24	30	52
			25		
			28		
			30		
14	78.2	71.34	15	30	52
			16		
			18		57*
			19		
			20		52
			22		
			24	30	52
			25		
			28		
			30		

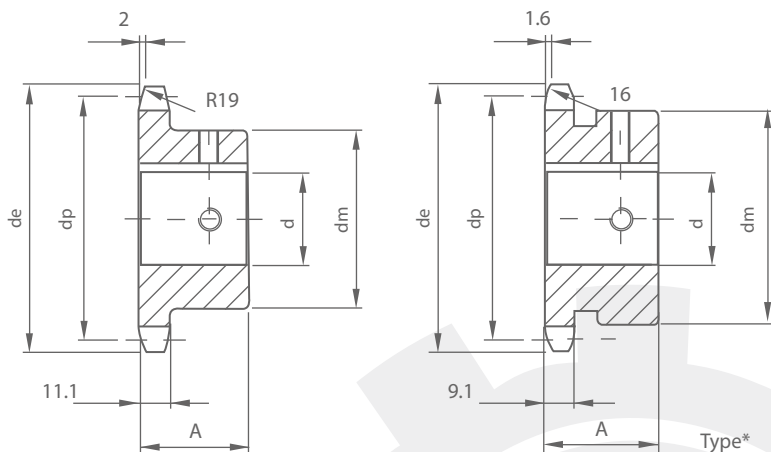
Z	de	dp	d	A	dm
15	83.2	76.36	19	30	57
			20		
			22		
			24		
			25		
			28		
			30	30	60
			32		
			35		
			38		
16	88.3	81.37	19	30	60
			20		
			22		
			24		
			25		
			28		
			30	30	60
			32		
			35		
			38		
17	93.3	86.39	19	30	60
			20		
			22		
			24		
			25		
			28		
			30	30	70
			32		
			35		
			38		
18	98.3	91.42	19	30	70
			20		
			22		
			24		
			25		
			28		
			30	30	70
			32		
			35		
			38		

Z	de	dp	d	A	dm
19	103.3	96.45	19	30	70
			20		
			22		
			24		
			25		
			28		
			30	30	75
			32		
			35		
			38		
20	108.4	101.49	19	30	75
			20		
			22		
			24		
			25		
			28		
			30	30	80
			32		
			35		
			38		
21	113.4	106.52	19	30	80
			20		
			22		
			24		
			25		
			28		
			30	30	85
			32		
			35		
			38		
22	118.4	111.55	19	30	90
			20		
			22		
			24		
			25		
			28		
			30	30	95
			32		
			35		
			38		

Z	de	dp	d	A	dm
22	118.4	111.55	35	30	80
			38		
			40		
			42		
			19		
			20		
23	123.5	116.58	22	30	85
			24		
			25		
			28		
			30		
			32		
24	128.5	121.62	35	30	90
			38		
			40		
			42		
			19		
			20		
25	133.6	126.66	22	30	95
			24		
			25		
			28		
			30		
			32		
26	138.7	131.70	35	30	100
			38		
			40		
			42		
			19		
			20		

F_B Sprockets
FOR ROLLER CHAINS DIN8187-ISO/R 606

12B
3/4"X7/16"



PITCH-19.05mm ROLLER-Ø12.07mm

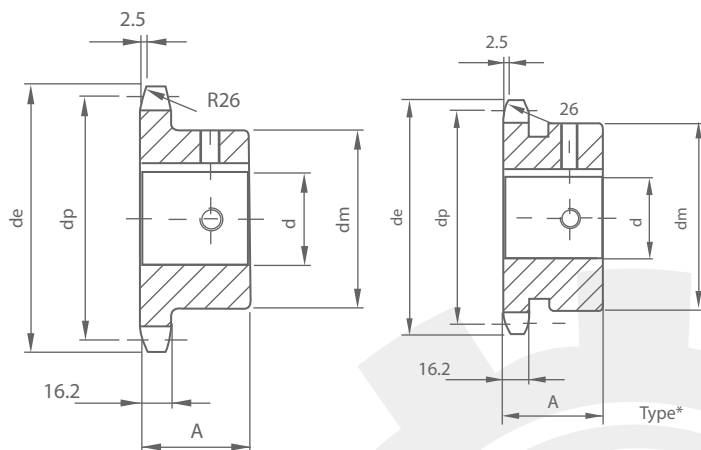
Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm
10	69.8	61.64	19	30	42	14	93.8	85.61	32	35	64	18	117.9	109.71	40	35	80	22	142.0	133.86	38	40	90
			20						35						42						40		
			24						38						25						42		
			25						40						28						45		
			28*						19						30						48		
			30*						20						32						50		
11	75.8	67.61	32*	35	49*	15	99.8	91.63	22	35	70	19	123.9	115.75	35	35	80	23	148.1	139.90	25	40	90
			47*						24						38						28		
			49*						25						40						30		
			28*						28						42						32		
			30*						30						45						35		
			32*						32						48						38		
12	81.80	73.60	51*	35	56	16	105.8	97.65	35	35	75	20	130.0	121.78	50	35	80	24	154.1	145.94	40	40	90
			53*						38						25						42		
			19						40						28						45		
			20						19						30						48		
			22						20						32						50		
			24						22						35						25		
13	87.8	79.59	25	35	52	17	111.9	103.67	28	35	80	21	136.0	127.82	38	40	90	25	160.2	152.00	28	40	90
			28						30						40						30		
			30						32						42						32		
			32						35						45						35		
			35						38						48						38		
			38						40						50						40		
14	93.8	85.61	42	35	60	18	117.9	109.71	42	35	80	22	142.0	133.86	48	40	80	25	160.2	152.00	42	40	90
			44						45						50						45		
			46						48						52						48		
			48						50						55						50		
			50						52						60						52		
			52						55						65						55		

F_B Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R 606

16B

1"X17.02mm



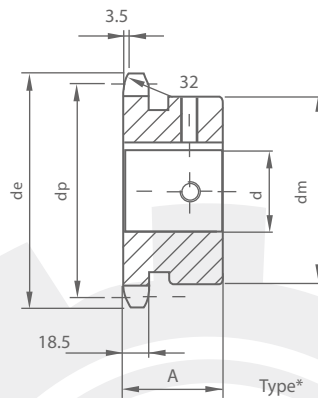
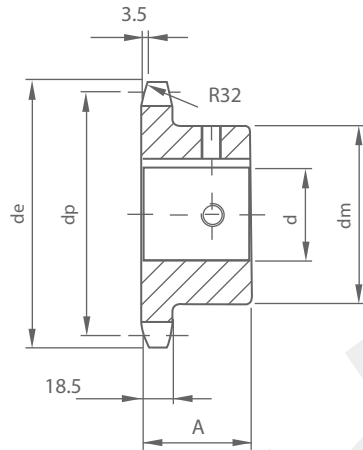
PITCH-25.40mm ROLLER- ϕ 15.875mm

Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm
11	101.7	90.14	25	40	61	15	133.7	122.17	30	40	92	18	157.8	146.28	48	40	100	22	190.1	178.48	38	50	110
			28						32						50						40		
			30						35						25						42		
			32						38						28						45		
			35						40						30						48		
			38						42						32						50		
			40						45						35						25		
			42						48						38						28		
12	109.7	98.14	25	40	69	16	141.8	130.20	25	45	100	20	173.9	162.38	40	45	100	23	198.1	186.53	30	50	110
			28						28						42						32		
			30						30						45						35		
			32						32						48						38		
			35						35						50						40		
			38						40						25						42		
			40						42						28						45		
			42						45						30						48		
13	117.7	106.12	25	40	78	17	149.8	138.22	25	45	100	21	182.0	170.43	35	50	110	24	206.2	194.59	25	50	110
			28						28						38						28		
			30						30						40						30		
			32						32						42						32		
			35						35						45						35		
			38						40						48						38		
			40						42						50						40		
			42						45						25						42		
14	125.7	114.15	25	40	84	18	157.8	146.28	25	45	100	22	190.1	178.48	25	50	80	25	214.2	202.66	25	50	110
			28						28						28						28		
			30						30						30						30		
			32						32						32						32		
			35						35						35						35		
			38						40						40						38		
			40						42						42						40		
			42						45						45						42		
15	133.7	122.17	25	40	70				25						25						25		
			28						28						28						28		
									30						30						30		
									32						32						32		

F_B Sprockets

FOR ROLLER CHAINS DIN8187-ISO/R 606

20B
1"1/4X3/4"



PITCH-31.75mm ROLLER-Ø19.05mm

Z	de	dp	d	A	dm	Z	de	dp	d	A	dm	Z	de	dp	d	A	dm
9	106.5	92.84	25	40	63	13	147.5	132.65	32	45	98	17	187.8	172.78	38	50	120
			30						35						40		
			32						38						42		
			35						40						45		
			38						42						48		
10	117.0	102.74	25	40	70	14	157.6	142.68	45	45	108	18	197.8	182.85	50	50	120
			30						48						60		
			32						50						65		
			35						60						70		
			38						32						38		
11	127.0	112.68	28	45	77	15	167.7	152.72	35	45	118	19	207.9	192.91	40	50	120
			30						38						42		
			32						40						45		
			35						42						48		
			38						45						50		
			40						48						60		
			42						50						65		
			45						60						70		
			48						38						38		
			50						40						40		
60	42	42															
12	137.0	122.68	25	45	88	16	177.7	162.75	40	50	120	20	217.9	202.98	45	50	120
			28						42						45		
			30						45						48		
			32						48						50		
			35						50						60		
			38						60						65		
			40						70						70		
13	147.5	132.65	42	45	98	17	187.8	172.78	48	45	108	18	197.8	182.85	50	50	120
			45						50						60		
			48						60						65		