

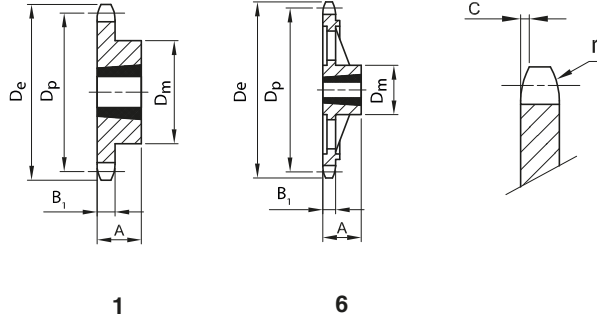
# Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



## ISO 20B-1 Pitch 1"1/4 x 3/4"

SPROCKET	[mm]
Tooth radius $r_3$	32
Radius width C	3,5
Tooth width $B_1$	18,5
CHAIN	[mm]
Pitch	31,75
Internal width	19,56
Roller $\phi$	19,05



Z	$D_e$ [mm]	$D_p$ [mm]	$D_m$ [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
12	137,0	122,68	90	32	1615	1	1,90	QPBS20B1-012
13	147,5	132,65	90	32	2012	1	1,50	QPBS20B1-013
14	157,6	142,68	110	44	2517	1	2,40	QPBS20B1-014
15	167,7	152,72	110	44	2517	1	3,39	QPBS20B1-015
16	177,7	162,75	110	44	2517	1	4,23	QPBS20B1-016
17	187,7	172,78	110	44	2517	1	5,07	QPBS20B1-017
18	197,8	182,85	110	44	2517	1	5,91	QPBS20B1-018
19	207,9	192,91	110	44	2517	1	6,75	QPBS20B1-019
20	217,9	202,98	110	44	2517	1	7,23	QPBS20B1-020
21	228,0	213,04	120	44	2517	1	7,70	QPBS20B1-021
23	248,2	233,17	120	44	2517	1	8,78	QPBS20B1-023
25	268,4	253,33	120	44	2517	1	9,50	QPBS20B1-025
30	318,7	303,75	160	51	3020	1	11,60	QPBS20B1-030
38*	399,4	384,49	160	51	3020	6	15,80	QPBS20B1-038
57*	592,3	576,36	160	51	3020	6	17,90	QPBS20B1-057
76*	784,3	768,32	160	51	3020	6	25,00	QPBS20B1-076

Material	Steel C45
	*Cast Iron EN-GJL-200
$D_e$	External diameter
$D_p$	Pitch diameter
$D_m$	Hub diameter
W	Weight

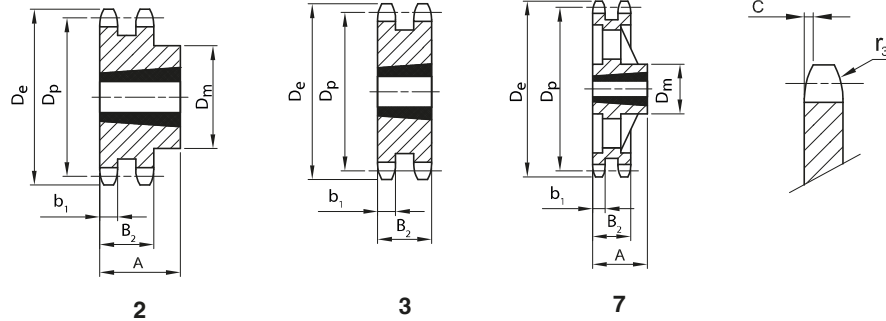
# Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

## ISO 20B-2 Pitch 1"1/4 x 3/4"



SPROCKET	[mm]
Tooth radius $r_3$	32
Radius width C	3,5
Tooth width $b_1$	18,2
Tooth width $B_2$	54,6
CHAIN	[mm]
Pitch	31,75
Internal width	19,56
Roller $\varnothing$	19,05



Z	$D_e$ [mm]	$D_p$ [mm]	$D_m$ [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
13	147,5	132,65	-	54,6	2517	3	2,20	QPBD20B2-013
15	167,7	152,72	-	54,6	2517	3	4,00	QPBD20B2-015
17	187,7	172,78	-	54,6	2517	3	5,00	QPBD20B2-017
19	207,9	192,91	140	76,0	3030	2	6,30	QPBD20B2-019
21	228,0	213,04	140	76,0	3030	2	8,80	QPBD20B2-021
23	248,2	233,17	140	76,0	3030	2	9,80	QPBD20B2-023
25	268,4	253,33	140	76,0	3030	2	10,50	QPBD20B2-025
30	318,7	303,75	160	76,0	3030	2	14,00	QPBD20B2-030
38*	399,4	384,49	160	76,0	3030	7	22,00	QPBD20B2-038
57*	592,3	576,36	175	89,0	3535	7	37,00	QPBD20B2-057
76*	784,3	768,32	175	89,0	3535	7	62,00	QPBD20B2-076

Material	Steel C45
	*Cast Iron EN-GJL-200
$D_e$	External diameter
$D_p$	Pitch diameter
$D_m$	Hub diameter
W	Weight

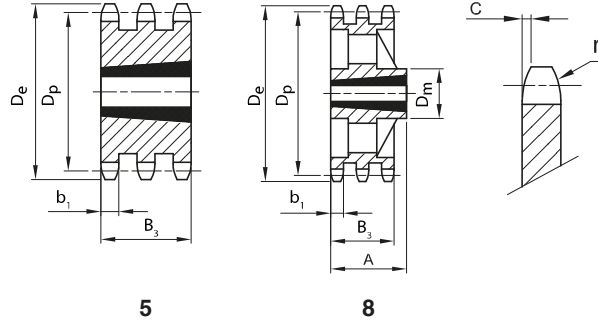
# Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



## ISO 20B-3 Pitch 1"1/4 x 3/4"

SPROCKET	[mm]
Tooth radius $r_3$	32
Radius width C	3,5
Tooth width $b_1$	18,2
Tooth width $B_3$	91
CHAIN	[mm]
Pitch	31,75
Internal width	19,56
Roller $\varnothing$	19,05



Z	$D_e$ [mm]	$D_p$ [mm]	$D_m$ [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	167,7	152,72	-	91	3020	5	4,43	QPBT20B3-015
17	187,7	172,78	-	91	3030	5	7,39	QPBT20B3-017
19	207,9	192,91	-	91	3030	5	11,65	QPBT20B3-019
21	228,0	213,04	-	91	3535	5	12,80	QPBT20B3-021
23	248,2	233,17	-	91	3535	5	17,38	QPBT20B3-023
25	268,4	253,33	-	91	3535	5	22,40	QPBT20B3-025
30	318,7	303,75	-	91	3535	5	36,50	QPBT20B3-030
38*	399,4	384,49	178	91	3535	8	28,00	QPBT20B3-038
57*	592,3	576,36	216	102	4040	8	42,00	QPBT20B3-057
76*	784,3	768,32	260	114	4545	8	85,00	QPBT20B3-076

Material	Steel C45
	*Cast Iron EN-GJL-200
$D_e$	External diameter
$D_p$	Pitch diameter
$D_m$	Hub diameter
W	Weight

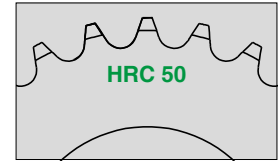
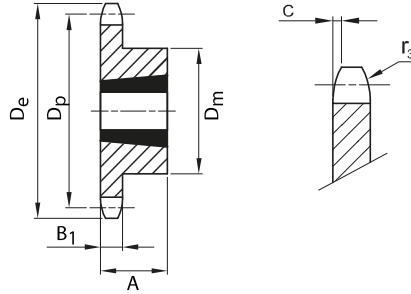
# Simplex sprocket for SER-SIT® taper bushes hardened teeth

for chain according to DIN 8187 - ISO/R 606



## ISO 20B-1 Pitch 1"1/4 x 3/4"

SPROCKET	[mm]
Tooth radius $r_3$	32
Radius width C	3,5
Tooth width $B_1$	18,5
CHAIN	[mm]
Pitch	31,75
Internal width	19,56
Roller $\varnothing$	19,05



Z	$D_e$ [mm]	$D_p$ [mm]	$D_m$ [mm]	A [mm]	SER-SIT® taper bushing	W [kg]	Part Number
15	167,7	152,72	110	44	2517	3,39	QPBHS20B1-015
17	187,7	172,78	110	44	2517	5,07	QPBHS20B1-017
19	207,9	192,91	110	44	2517	6,75	QPBHS20B1-019
21	228,0	213,04	120	44	2517	7,70	QPBHS20B1-021
23	248,2	233,17	120	44	2517	8,78	QPBHS20B1-023
25	268,4	253,33	120	44	2517	9,50	QPBHS20B1-025

Material	Steel C45
$D_e$	External diameter
$D_p$	Pitch diameter
$D_m$	Hub diameter
W	Weight