

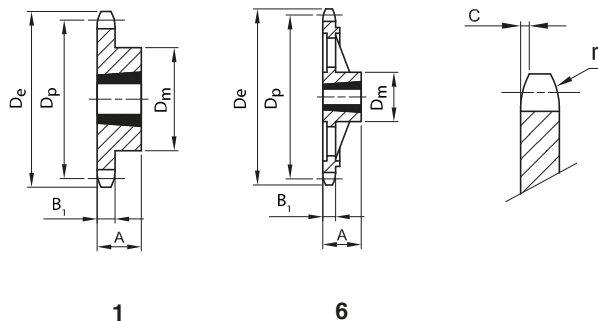
Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 12B-1 Pitch 3/4" x 7/16"



SPROCKET	[mm]
Tooth radius r_3	19
Radius width C	2
Tooth width B_1	11,1
CHAIN	[mm]
Pitch	19,05
Internal width	11,68
Roller ϕ	12,07



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
13	87,8	79,60	60	25	1210	1	0,35	QPBS12B1-013
14	93,8	85,61	67	25	1610	1	0,40	QPBS12B1-014
15	99,8	91,62	70	25	1610	1	0,44	QPBS12B1-015
16	105,8	97,65	71	25	1610	1	0,53	QPBS12B1-016
17	111,9	103,67	76	25	1610	1	0,66	QPBS12B1-017
18	117,9	109,71	90	32	2012	1	0,86	QPBS12B1-018
19	123,9	115,73	90	32	2012	1	0,94	QPBS12B1-019
20	130,0	121,78	90	32	2012	1	1,04	QPBS12B1-020
21	136,0	127,81	102	44	2517	1	1,24	QPBS12B1-021
22	142,0	133,86	108	44	2517	1	1,60	QPBS12B1-022
23	148,1	139,90	108	44	2517	1	1,70	QPBS12B1-023
24	154,1	145,94	108	44	2517	1	1,81	QPBS12B1-024
25	160,2	151,99	108	44	2517	1	1,93	QPBS12B1-025
26	166,2	158,04	108	44	2517	1	2,04	QPBS12B1-026
27	172,3	164,09	108	44	2517	1	2,14	QPBS12B1-027
28	178,3	170,13	108	44	2517	1	2,37	QPBS12B1-028
30	190,4	182,24	108	44	2517	1	2,60	QPBS12B1-030
38	238,9	230,69	108	44	2517	1	3,93	QPBS12B1-038
45	283,2	273,10	124	44	2517	1	5,52	QPBS12B1-045
57*	355,9	345,81	124	44	2517	6	6,48	QPBS12B1-057
76*	471,1	460,99	124	44	2517	6	9,71	QPBS12B1-076

Material	Steel C45 *Cast Iron EN-GJL-200
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

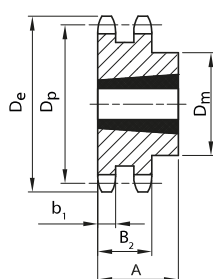
Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

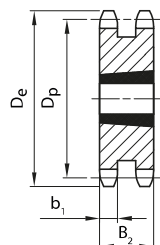
ISO 12B-2 Pitch 3/4" x 7/16"



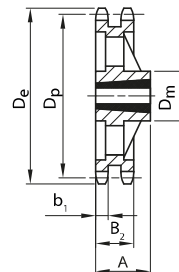
SPROCKET	[mm]
Tooth radius r_3	19
Radius width C	2
Tooth width b_1	10,8
Tooth width B_2	30,3
CHAIN	[mm]
Pitch	19,05
Internal width	11,68
Roller ϕ	12,07



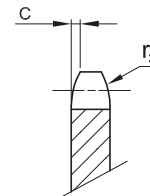
2



3



7



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	99,8	91,62	-	30,3	1610	3	0,68	QPBD12B2-015
16	105,8	97,65	-	30,3	1610	3	0,89	QPBD12B2-016
17	111,9	103,67	-	30,3	1610	3	1,14	QPBD12B2-017
18	117,9	109,71	90	32,0	2012	2	1,18	QPBD12B2-018
19	123,9	115,73	90	32,0	2012	2	1,24	QPBD12B2-019
20	130,0	121,78	108	44,0	2517	2	1,40	QPBD12B2-020
21	136,0	127,81	108	44,0	2517	2	1,68	QPBD12B2-021
22	142,0	133,86	108	44,0	2517	2	1,99	QPBD12B2-022
23	148,1	139,90	108	44,0	2517	2	2,24	QPBD12B2-023
24	154,1	145,94	108	44,0	2517	2	2,54	QPBD12B2-024
25	160,2	151,99	108	44,0	2517	2	2,87	QPBD12B2-025
26	166,2	158,04	108	44,0	2517	2	3,17	QPBD12B2-026
27	172,3	164,09	108	44,0	2517	2	3,55	QPBD12B2-027
28	178,3	170,13	108	44,0	2517	2	4,10	QPBD12B2-028
30	190,4	182,24	108	44,0	2517	2	4,62	QPBD12B2-030
38	238,9	230,69	140	51,0	3020	2	8,11	QPBD12B2-038
57*	355,9	345,81	160	51,0	3020	7	10,28	QPBD12B2-057
76*	471,1	460,99	160	51,0	3020	7	15,24	QPBD12B2-076

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

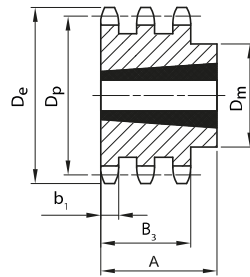
Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

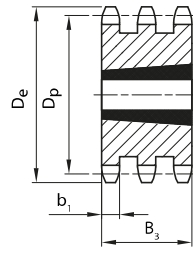
ISO 12B-3 Pitch 3/4" x 7/16"



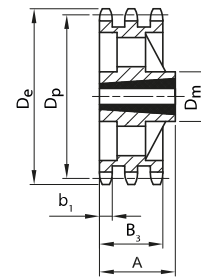
SPROCKET	[mm]
Tooth radius r_3	19
Radius width C	2
Tooth width b_1	10,8
Tooth width B_3	49,8
CHAIN	[mm]
Pitch	19,05
Internal width	11,68
Roller $\varnothing$	12,07



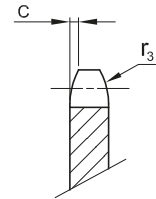
4



5



8



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	99,8	91,62	-	49,8	1615	5	1,11	QPBT12B3-015
17	111,9	103,67	-	49,8	1615	5	1,75	QPBT12B3-017
19	123,9	115,73	-	49,8	2012	5	1,99	QPBT12B3-019
21	136,0	127,81	-	49,8	2517	5	2,09	QPBT12B3-021
23	148,1	139,90	-	49,8	2517	5	3,00	QPBT12B3-023
25	160,2	151,99	-	49,8	2517	5	3,98	QPBT12B3-025
27	172,3	164,09	140	51,0	3020	4	3,90	QPBT12B3-027
30	190,4	182,24	140	51,0	3020	4	5,64	QPBT12B3-030
38	238,9	230,69	140	51,0	3020	4	11,58	QPBT12B3-038
57*	355,9	345,81	160	51,0	3020	8	13,23	QPBT12B3-057

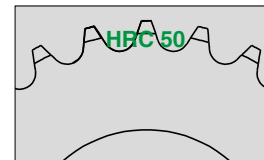
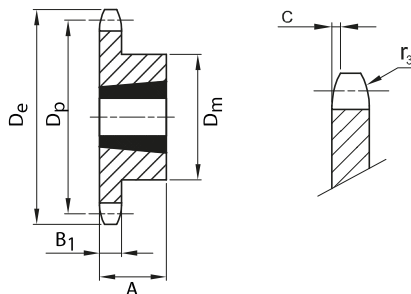
Material	Steel C45 *Cast Iron EN-GJL-200
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

Simplex sprocket for SER-SIT® taper bushes hardened teeth for chain according to DIN 8187 - ISO/R 606

ISO 12B-1 Pitch 3/4" x 7/16"



SPROCKET	[mm]
Tooth radius r_3	19
Radius width C	2
Tooth width B_1	11,1
CHAIN	[mm]
Pitch	19,5
Internal width	11,68
Roller $\varnothing$	12,7



Z	D _e [mm]	D _p [mm]	D _m [mm]	A [mm]	SER-SIT® taper bushing	W [kg]	Part Number
13	87,8	79,60	60	25	1210	0,35	QPBHS12B1-013
15	99,8	91,62	70	25	1610	0,44	QPBHS12B1-015
17	111,9	103,67	76	25	1610	0,66	QPBHS12B1-017
19	123,9	115,73	90	32	2012	0,94	QPBHS12B1-019
21	136,0	127,81	102	44	2517	1,24	QPBHS12B1-021
23	148,1	139,90	108	44	2517	1,70	QPBHS12B1-023
25	160,2	151,99	108	44	2517	1,93	QPBHS12B1-025
27	172,3	164,09	108	44	2517	2,14	QPBHS12B1-027
30	190,4	182,24	108	44	2517	2,60	QPBHS12B1-030

Material	Steel C45
D _e	External diameter
D _p	Pitch diameter
D _m	Hub diameter
W	Weight