

ES ELITESYSTEM® SIMPLEX, DUPLEX
AND TRIPLEX SPROCKETS ISO SERIES



DRIVE
SOLUTIONS

The background of the right half of the page is a light blue color with several metallic sprockets of various sizes and finishes (polished and brushed) scattered across it. The sprockets are shown from different angles, some in sharp focus and others blurred in the background.

ISO SERIES SPROCKETS

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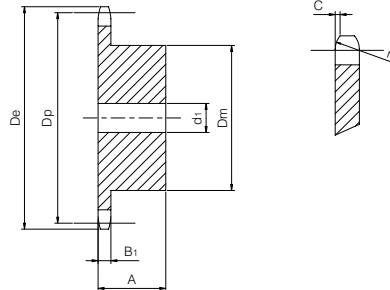
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 05B-1 Pitch 8 x 3 mm

SPROCKET	[mm]
Tooth radius r_3	8
Radius width C	1
Tooth width B_1	2,8
CHAIN	[mm]
Pitch	8
Internal width	3
Roller ϕ	5



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	24,00	20,90	13	6	12	0,01	QPS05B1-008
9	26,60	23,39	15	6	12	0,02	QPS05B1-009
10	29,20	25,89	17	8	12	0,02	QPS05B1-010
11	31,70	28,39	18	8	13	0,03	QPS05B1-011
12	34,20	30,91	20	8	13	0,04	QPS05B1-012
13	36,70	33,42	23	8	13	0,05	QPS05B1-013
14	39,20	35,95	25	8	13	0,05	QPS05B1-014
15	41,70	38,48	28	8	13	0,07	QPS05B1-015
16	44,30	41,01	30	8	14	0,08	QPS05B1-016
17	46,80	43,53	30	8	14	0,09	QPS05B1-017
18	49,30	46,07	30	8	14	0,09	QPS05B1-018
19	51,90	48,61	30	8	14	0,09	QPS05B1-019
20	54,40	51,14	30	8	14	0,10	QPS05B1-020
21	57,00	53,68	35	8	14	0,12	QPS05B1-021
22	59,50	56,21	35	8	14	0,13	QPS05B1-022
23	62,00	58,75	35	8	14	0,13	QPS05B1-023
24	64,60	61,29	35	8	14	0,14	QPS05B1-024
25	67,50	63,83	35	8	14	0,15	QPS05B1-025
26	69,50	66,37	40	10	16	0,19	QPS05B1-026
27	72,20	68,91	40	10	16	0,20	QPS05B1-027
28	74,80	71,45	40	10	16	0,20	QPS05B1-028
29	77,30	73,99	40	10	16	0,21	QPS05B1-029
30	79,80	76,53	40	10	16	0,22	QPS05B1-030
31	82,40	79,08	40	10	16	0,22	QPS05B1-031
32	84,90	81,61	40	10	16	0,22	QPS05B1-032
33	87,50	84,16	40	10	16	0,23	QPS05B1-033
34	90,00	86,70	40	10	16	0,24	QPS05B1-034
35	92,50	89,25	40	10	16	0,25	QPS05B1-035
36	95,00	91,79	40	10	16	0,25	QPS05B1-036
37	97,60	94,33	40	10	16	0,26	QPS05B1-037
38	100,20	96,88	40	10	16	0,27	QPS05B1-038
39	102,70	99,42	40	10	16	0,28	QPS05B1-039
40	105,30	101,97	40	10	16	0,29	QPS05B1-040
45	118,00	114,69	60	12	20	0,58	QPS05B1-045
50	130,70	127,41	60	12	20	0,75	QPS05B1-050
57	148,60	145,22	80	14	20	1,00	QPS05B1-057
76	197,70	193,59	80	20	25	1,94	QPS05B1-076

Material	Steel C45 (Fe360B with Z = 76)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

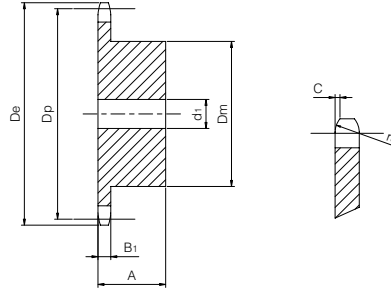
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 06B-1 Pitch 3/8" x 7/32"



SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width B_1	5,3
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller ϕ	6,35



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	28,00	24,89	15	8	22	0,03	QPS06B1-008
9	31,00	27,85	18	8	22	0,04	QPS06B1-009
10	34,00	30,82	20	8	22	0,05	QPS06B1-010
11	37,00	33,80	22	8	25	0,08	QPS06B1-011
12	40,00	36,80	25	8	25	0,10	QPS06B1-012
13	43,00	39,79	28	10	25	0,13	QPS06B1-013
14	46,30	42,80	31	10	25	0,16	QPS06B1-014
15	49,30	45,81	34	10	25	0,19	QPS06B1-015
16	52,30	48,82	37	10	28	0,24	QPS06B1-016
17	55,30	51,83	40	10	28	0,28	QPS06B1-017
18	58,30	54,85	43	10	28	0,33	QPS06B1-018
19	61,30	57,87	45	10	28	0,36	QPS06B1-019
20	64,30	60,89	46	10	28	0,39	QPS06B1-020
21	68,00	63,91	48	12	28	0,42	QPS06B1-021
22	71,00	66,93	50	12	28	0,46	QPS06B1-022
23	73,50	69,95	52	12	28	0,50	QPS06B1-023
24	77,00	72,97	54	12	28	0,54	QPS06B1-024
25	80,00	76,02	57	12	28	0,60	QPS06B1-025
26	83,00	79,02	60	12	28	0,66	QPS06B1-026
27	86,00	82,02	60	12	28	0,67	QPS06B1-027
28	89,00	85,07	60	12	28	0,69	QPS06B1-028
29	92,00	88,09	60	12	28	0,70	QPS06B1-029
30	94,70	91,12	60	12	30	0,72	QPS06B1-030
31	98,30	94,15	65	14	30	0,87	QPS06B1-031
32	101,30	97,17	65	14	30	0,89	QPS06B1-032
33	104,30	100,20	65	14	30	0,91	QPS06B1-033
34	107,30	103,23	65	14	30	0,92	QPS06B1-034
35	110,40	106,26	65	14	30	0,95	QPS06B1-035
36	113,40	109,29	70	16	30	1,05	QPS06B1-036
37	116,40	112,32	70	16	30	1,09	QPS06B1-037
38	119,50	115,35	70	14	30	1,10	QPS06B1-038
39	122,50	118,37	70	16	30	1,12	QPS06B1-039
40	125,50	121,40	70	16	30	1,14	QPS06B1-040
45	140,70	136,55	*80	16	32	1,66	QPS06B1-045
50	155,70	151,69	*80	20	32	1,80	QPS06B1-050
57	176,90	172,91	*80	20	32	1,96	QPS06B1-057
76	234,90	230,49	*80	20	32	2,67	QPS06B1-076
95	292,50	288,08	*80	20	32	4,06	QPS06B1-095
114	349,50	345,68	*80	16	32	5,45	QPS06B1-114

Material	Steel C45 (Fe360B with Z ≥ 45)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

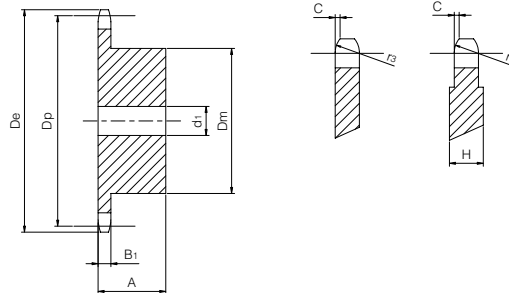
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 81-1 Pitch 1/2" x 1/8"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1
Tooth width B_1	3
Length H (with $Z \geq 31$)	5
CHAIN	[mm]
Pitch	12,7
Internal width	3,3
Roller ϕ	7,75



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part number
8	37,20	33,18	21	8	14	0,04	QPS81-1-008
9	41,50	37,13	25	8	14	0,06	QPS81-1-009
10	46,20	41,10	28	8	14	0,07	QPS81-1-010
11	49,60	45,07	31	8	16	0,10	QPS81-1-011
12	53,90	49,07	35	8	16	0,13	QPS81-1-012
13	58,40	53,06	39	8	16	0,16	QPS81-1-013
14	62,80	57,07	43	8	16	0,19	QPS81-1-014
15	66,80	61,09	47	8	16	0,23	QPS81-1-015
16	70,90	65,10	50	10	18	0,29	QPS81-1-016
17	74,90	69,11	50	10	18	0,30	QPS81-1-017
18	78,90	73,14	50	10	18	0,31	QPS81-1-018
19	82,90	77,16	50	10	18	0,32	QPS81-1-019
20	86,90	81,19	50	10	18	0,33	QPS81-1-020
21	91,00	85,22	60	12	20	0,48	QPS81-1-021
22	95,00	89,24	60	12	20	0,49	QPS81-1-022
23	99,00	93,27	60	12	20	0,51	QPS81-1-023
24	103,00	97,29	60	12	20	0,52	QPS81-1-024
25	107,10	101,33	60	12	20	0,53	QPS81-1-025
26	111,20	105,36	70	16	20	0,67	QPS81-1-026
27	115,40	109,40	70	16	20	0,69	QPS81-1-027
28	119,40	113,42	70	16	20	0,70	QPS81-1-028
29	123,40	117,46	70	16	20	0,72	QPS81-1-029
30	127,50	121,50	70	16	20	0,74	QPS81-1-030
31	131,50	125,54	70	16	20	0,76	QPS81-1-031
32	135,50	129,56	70	16	20	0,77	QPS81-1-032
33	139,60	133,60	70	16	20	0,79	QPS81-1-033
34	143,60	137,64	70	16	20	0,81	QPS81-1-034
35	147,60	141,68	70	16	20	0,83	QPS81-1-035
36	151,70	145,72	70	16	25	1,00	QPS81-1-036
37	155,70	149,76	70	16	25	1,02	QPS81-1-037
38	159,80	153,80	70	16	25	1,04	QPS81-1-038
39	163,80	157,83	70	16	25	1,06	QPS81-1-039
40	167,80	161,87	70	16	25	1,09	QPS81-1-040

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

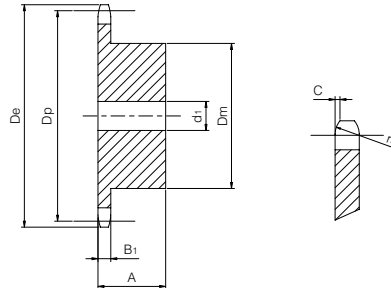
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 83-1 Pitch 1/2" x 3/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width B_1	4,5
CHAIN	[mm]
Pitch	12,7
Internal width	4,88
Roller ϕ	7,75



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	38,50	33,18	21	8	14	0,04	QPS83-1-008
9	41,50	37,13	25	8	14	0,06	QPS83-1-009
10	46,20	41,10	28	8	14	0,08	QPS83-1-010
11	49,60	45,07	31	8	16	0,11	QPS83-1-011
12	53,90	49,07	35	8	16	0,14	QPS83-1-012
13	58,40	53,06	39	8	16	0,17	QPS83-1-013
14	62,80	57,07	43	8	16	0,20	QPS83-1-014
15	66,80	61,09	47	8	16	0,24	QPS83-1-015
16	70,90	65,10	50	10	18	0,30	QPS83-1-016
17	74,90	69,11	50	10	18	0,31	QPS83-1-017
18	78,90	73,14	50	10	18	0,33	QPS83-1-018
19	82,90	77,16	50	10	18	0,34	QPS83-1-019
20	86,90	81,19	50	10	18	0,36	QPS83-1-020
21	91,00	85,22	60	12	20	0,51	QPS83-1-021
22	95,00	89,24	60	12	20	0,53	QPS83-1-022
23	99,00	93,27	60	12	20	0,55	QPS83-1-023
24	103,00	97,29	60	12	20	0,57	QPS83-1-024
25	107,10	101,33	60	12	20	0,59	QPS83-1-025
26	111,20	105,36	70	16	20	0,72	QPS83-1-026
27	115,40	109,40	70	16	20	0,74	QPS83-1-027
28	119,40	113,42	70	16	20	0,77	QPS83-1-028
29	123,40	117,46	70	16	20	0,79	QPS83-1-029
30	127,50	121,50	70	16	20	0,82	QPS83-1-030
31	131,50	125,54	70	16	20	0,85	QPS83-1-031
32	135,50	129,56	70	16	20	0,87	QPS83-1-032
33	139,60	133,60	70	16	20	0,90	QPS83-1-033
34	143,60	137,64	70	16	20	0,93	QPS83-1-034
35	147,60	141,68	70	16	20	0,96	QPS83-1-035
36	151,70	145,72	70	16	25	1,14	QPS83-1-036
37	155,70	149,76	70	16	25	1,17	QPS83-1-037
38	159,80	153,80	70	16	25	1,20	QPS83-1-038
39	163,80	157,83	70	16	25	1,24	QPS83-1-039
40	167,80	161,87	70	16	25	1,27	QPS83-1-040

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

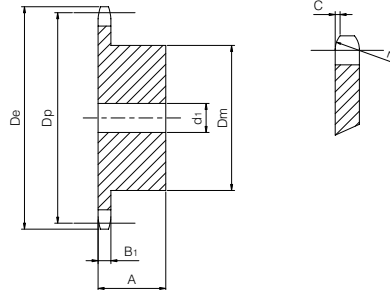
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 08B-1 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width B_1	7,2
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	37,00	33,18	20	10	25	0,06	QPS08B1-008
9	41,00	37,13	24	10	25	0,09	QPS08B1-009
10	45,20	41,10	26	10	25	0,12	QPS08B1-010
11	48,70	45,07	29	10	25	0,15	QPS08B1-011
12	53,00	49,07	33	10	28	0,21	QPS08B1-012
13	57,40	53,06	37	10	28	0,26	QPS08B1-013
14	61,80	57,07	41	10	28	0,32	QPS08B1-014
15	65,50	61,09	45	10	28	0,38	QPS08B1-015
16	69,50	65,10	50	12	28	0,46	QPS08B1-016
17	73,60	69,11	52	12	28	0,51	QPS08B1-017
18	77,80	73,14	56	12	28	0,59	QPS08B1-018
19	81,70	77,16	60	12	28	0,67	QPS08B1-019
20	85,80	81,19	64	12	28	0,76	QPS08B1-020
21	89,70	85,22	68	12	28	0,85	QPS08B1-021
22	93,80	89,24	70	12	28	0,91	QPS08B1-022
23	98,20	93,27	70	14	28	0,95	QPS08B1-023
24	101,80	97,29	70	14	28	0,98	QPS08B1-024
25	105,80	101,33	70	14	28	1,01	QPS08B1-025
26	110,00	105,36	70	16	30	1,09	QPS08B1-026
27	114,00	109,40	70	16	30	1,13	QPS08B1-027
28	118,00	113,42	70	16	30	1,17	QPS08B1-028
29	122,00	117,46	80	16	30	1,42	QPS08B1-029
30	126,10	121,50	80	16	30	1,46	QPS08B1-030
31	130,20	125,54	90	16	30	1,74	QPS08B1-031
32	134,30	129,56	90	16	30	1,78	QPS08B1-032
33	138,40	133,60	90	16	30	1,83	QPS08B1-033
34	142,60	137,64	90	16	30	1,88	QPS08B1-034
35	146,70	141,68	90	16	30	1,93	QPS08B1-035
36	151,00	145,72	90	16	35	2,22	QPS08B1-036
37	154,60	149,76	90	16	35	2,27	QPS08B1-037
38	158,60	153,80	90	16	35	2,32	QPS08B1-038
39	162,70	157,83	90	16	35	2,38	QPS08B1-039
40	166,80	161,87	90	16	35	2,43	QPS08B1-040
45	188,00	182,07	*90	16	40	3,00	QPS08B1-045
50	208,30	202,26	*90	16	40	3,40	QPS08B1-050
57	236,40	230,54	*90	16	40	3,85	QPS08B1-057
76	313,30	307,32	*90	16	40	5,56	QPS08B1-076
95	390,10	384,11	*90	16	40	8,56	QPS08B1-095
114	466,90	460,91	*90	16	40	11,56	QPS08B1-114

Material	Steel C45 (Fe360B with Z ≥ 45)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

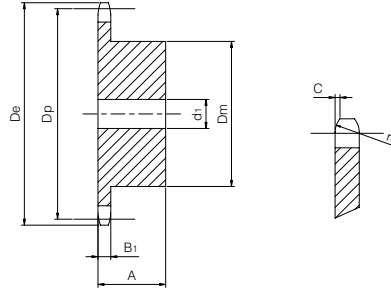
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 10B-1 Pitch 5/8" x 3/8"

SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width B_1	9,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part number
8	47,00	41,48	25	10	25	0,12	QPS10B1-008
9	52,60	46,42	30	10	25	0,16	QPS10B1-009
10	57,50	51,37	35	10	25	0,22	QPS10B1-010
11	63,00	56,34	37	12	30	0,29	QPS10B1-011
12	68,00	61,34	42	12	30	0,37	QPS10B1-012
13	73,00	66,32	47	12	30	0,46	QPS10B1-013
14	78,00	71,34	52	12	30	0,56	QPS10B1-014
15	83,00	76,36	57	12	30	0,67	QPS10B1-015
16	88,00	81,37	60	12	30	0,76	QPS10B1-016
17	93,00	86,39	60	12	30	0,88	QPS10B1-017
18	98,30	91,42	70	14	30	1,01	QPS10B1-018
19	103,30	96,45	70	14	30	1,15	QPS10B1-019
20	108,40	101,49	75	14	30	1,21	QPS10B1-020
21	113,40	106,52	75	16	30	1,35	QPS10B1-021
22	118,00	111,55	80	16	30	1,41	QPS10B1-022
23	123,50	116,58	80	16	30	1,47	QPS10B1-023
24	128,30	121,62	80	16	30	1,54	QPS10B1-024
25	134,00	126,66	80	16	30	1,60	QPS10B1-025
26	139,00	131,70	85	20	35	1,96	QPS10B1-026
27	144,00	136,75	85	20	35	2,04	QPS10B1-027
28	148,70	141,78	90	20	35	2,25	QPS10B1-028
29	153,80	146,83	90	20	35	2,33	QPS10B1-029
30	158,80	151,87	90	20	35	2,41	QPS10B1-030
31	163,90	156,92	95	20	35	2,64	QPS10B1-031
32	168,90	161,95	95	20	35	2,73	QPS10B1-032
33	174,50	167,00	95	20	35	2,82	QPS10B1-033
34	179,00	172,05	95	20	35	2,92	QPS10B1-034
35	184,10	177,10	95	20	35	3,01	QPS10B1-035
36	189,10	182,15	100	20	35	3,27	QPS10B1-036
37	194,20	187,20	100	20	35	3,37	QPS10B1-037
38	199,20	192,24	100	20	35	3,47	QPS10B1-038
39	204,20	197,29	100	20	35	3,58	QPS10B1-039
40	209,30	202,34	100	20	35	3,69	QPS10B1-040
45	235,00	227,58	*100	20	40	5,09	QPS10B1-045
50	260,30	252,82	*100	20	40	5,80	QPS10B1-050
57	296,00	288,18	*100	20	40	6,66	QPS10B1-057
76	392,10	384,15	*100	20	50	10,28	QPS10B1-076
95	488,50	480,14	*100	20	50	16,36	QPS10B1-095
114	584,10	576,13	*100	20	50	22,44	QPS10B1-114

Material	Steel C45 (Fe360B with Z ≥ 45)
D _e	External diameter
D _p	Pitch diameter
D _m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

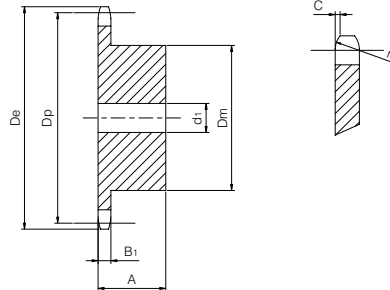
Simplex sprocket

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	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part number
8	57,30	49,78	31	12	30	0,21	QPS12B1-008
9	62,00	55,70	37	12	30	0,29	QPS12B1-009
10	69,00	61,64	42	12	30	0,38	QPS12B1-010
11	75,00	67,61	46	14	35	0,51	QPS12B1-011
12	81,50	73,60	52	14	35	0,65	QPS12B1-012
13	87,50	79,59	58	14	35	0,80	QPS12B1-013
14	93,60	85,61	64	14	35	0,97	QPS12B1-014
15	99,80	91,63	70	14	35	1,16	QPS12B1-015
16	105,50	97,65	75	16	35	1,34	QPS12B1-016
17	111,50	103,67	80	16	35	1,53	QPS12B1-017
18	118,00	109,71	80	16	35	1,62	QPS12B1-018
19	124,20	115,75	80	16	35	1,70	QPS12B1-019
20	129,70	121,78	80	16	35	1,80	QPS12B1-020
21	136,00	127,82	90	20	40	2,35	QPS12B1-021
22	141,00	133,86	90	20	40	2,46	QPS12B1-022
23	149,00	139,90	90	20	40	2,56	QPS12B1-023
24	153,90	145,94	90	20	40	2,68	QPS12B1-024
25	160,00	152,00	90	20	40	2,80	QPS12B1-025
26	165,90	158,04	95	20	40	3,08	QPS12B1-026
27	172,30	164,09	95	20	40	3,21	QPS12B1-027
28	178,00	170,13	95	20	40	3,34	QPS12B1-028
29	184,10	176,19	95	20	40	3,48	QPS12B1-029
30	190,50	182,25	95	20	40	3,63	QPS12B1-030
31	196,30	188,31	100	20	40	3,78	QPS12B1-031
32	203,30	194,35	100	20	40	3,93	QPS12B1-032
33	209,30	200,40	100	20	40	4,09	QPS12B1-033
34	214,60	206,46	100	20	40	4,25	QPS12B1-034
35	221,00	212,52	100	20	40	4,42	QPS12B1-035
36	226,80	218,58	100	20	40	4,71	QPS12B1-036
37	232,90	224,64	100	20	40	4,89	QPS12B1-037
38	239,00	230,69	100	20	40	5,07	QPS12B1-038
39	245,10	236,75	100	20	40	5,26	QPS12B1-039
40	251,30	242,81	100	20	40	5,46	QPS12B1-040
45	282,50	273,09	*110	20	56	8,85	QPS12B1-045
50	312,30	303,39	*110	20	56	10,00	QPS12B1-050
57	355,40	345,81	*110	20	56	11,85	QPS12B1-057
76	469,90	460,98	*110	20	56	18,02	QPS12B1-076
95	585,10	576,17	*110	20	56	27,45	QPS12B1-095
114	700,60	691,36	*110	20	56	36,88	QPS12B1-114

Material	Steel C45 (Fe360B with Z ≥ 45)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

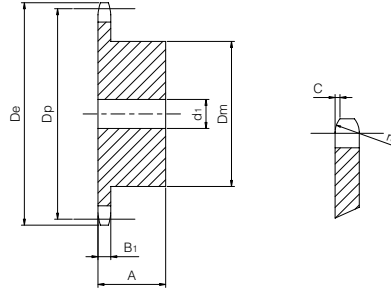
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 16B-1 Pitch 1" x 17,02 mm



SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width B_1	16,2
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	77,00	66,37	42	16	35	0,47	QPS16B1-008
9	85,00	74,27	50	16	35	0,66	QPS16B1-009
10	93,00	82,19	55	16	35	0,83	QPS16B1-010
11	101,50	90,14	61	16	40	1,14	QPS16B1-011
12	109,00	98,14	69	16	40	1,43	QPS16B1-012
13	117,00	106,12	78	16	40	1,77	QPS16B1-013
14	125,00	114,15	84	16	40	2,08	QPS16B1-014
15	133,00	122,17	92	16	40	2,46	QPS16B1-015
16	141,00	130,20	100	20	45	3,14	QPS16B1-016
17	149,00	138,22	100	20	45	3,33	QPS16B1-017
18	157,00	146,28	100	20	45	3,56	QPS16B1-018
19	165,20	154,33	100	20	45	3,78	QPS16B1-019
20	173,20	162,38	100	20	45	4,03	QPS16B1-020
21	181,20	170,43	110	20	50	5,01	QPS16B1-021
22	189,30	178,48	110	20	50	5,28	QPS16B1-022
23	197,50	186,53	110	20	50	5,56	QPS16B1-023
24	205,50	194,59	110	20	50	5,86	QPS16B1-024
25	213,50	202,66	110	20	50	6,16	QPS16B1-025
26	221,60	210,72	120	20	50	6,96	QPS16B1-026
27	229,60	218,79	120	20	50	7,30	QPS16B1-027
28	237,70	226,85	120	20	50	7,64	QPS16B1-028
29	245,80	234,92	120	20	50	8,00	QPS16B1-029
30	254,00	243,00	120	20	50	8,38	QPS16B1-030
31	262,00	251,08	*120	25	50	8,69	QPS16B1-031
32	270,00	259,13	*120	25	50	9,09	QPS16B1-032
33	278,50	267,21	*120	25	50	9,50	QPS16B1-033
34	287,00	275,28	*120	25	50	9,93	QPS16B1-034
35	296,20	283,36	*120	25	50	10,36	QPS16B1-035
36	304,60	291,44	*120	25	50	10,81	QPS16B1-036
37	312,60	299,51	*120	25	50	11,28	QPS16B1-037
38	320,70	307,59	*120	25	50	11,76	QPS16B1-038
39	328,80	315,67	*120	25	50	12,25	QPS16B1-039
40	336,90	323,75	*120	25	50	12,75	QPS16B1-040
45	377,10	364,12	*125	25	70	18,15	QPS16B1-045
50	417,40	404,52	*125	25	70	25,00	QPS16B1-050
57	474,00	461,08	*125	25	70	25,52	QPS16B1-057
76	627,00	614,64	*140	25	80	42,97	QPS16B1-076
95	781,10	768,22	*140	25	80	63,92	QPS16B1-095
114	934,30	921,81	*140	25	80	84,87	QPS16B1-114

Material	Steel C45 (Fe360B with Z ≥ 31)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

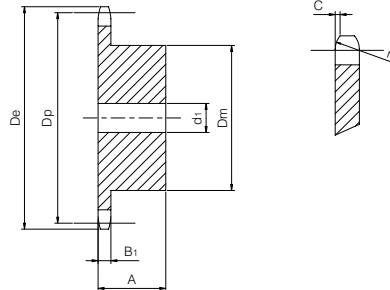
Simplex sprocket

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 ϕ	19,05



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	98,10	82,96	53	20	40	0,85	QPS20B1-008
9	108,00	92,84	63	20	40	1,19	QPS20B1-009
10	117,90	102,74	70	20	40	1,51	QPS20B1-010
11	127,80	112,68	77	20	45	2,04	QPS20B1-011
12	137,80	122,68	88	20	45	2,58	QPS20B1-012
13	147,80	132,65	98	20	45	3,15	QPS20B1-013
14	157,80	142,68	108	20	45	3,78	QPS20B1-014
15	167,90	152,72	118	20	45	4,47	QPS20B1-015
16	177,90	162,75	120	25	50	5,25	QPS20B1-016
17	187,90	172,78	120	25	50	5,61	QPS20B1-017
18	198,00	182,85	120	25	50	6,00	QPS20B1-018
19	208,10	192,91	120	25	50	6,40	QPS20B1-019
20	218,10	202,98	120	25	50	6,84	QPS20B1-020
21	228,20	213,04	140	25	55	8,79	QPS20B1-021
22	238,30	223,11	140	25	55	9,27	QPS20B1-022
23	248,30	233,17	140	25	55	9,77	QPS20B1-023
24	258,40	243,23	140	25	55	10,30	QPS20B1-024
25	268,50	253,33	140	25	55	10,85	QPS20B1-025
26	278,60	263,40	*150	25	55	12,07	QPS20B1-026
27	288,60	273,49	*150	25	55	12,67	QPS20B1-027
28	298,70	283,56	*150	25	55	13,29	QPS20B1-028
29	308,80	293,65	*150	25	55	13,93	QPS20B1-029
30	318,90	303,75	*150	25	55	14,60	QPS20B1-030
31	329,00	313,85	*150	25	55	15,28	QPS20B1-031
32	339,10	323,91	*150	25	55	16,00	QPS20B1-032
33	349,20	334,01	*150	25	55	16,73	QPS20B1-033
34	359,30	344,10	*150	25	55	17,49	QPS20B1-034
35	369,40	354,20	*150	25	55	18,27	QPS20B1-035
36	379,50	364,30	*150	25	55	19,08	QPS20B1-036
37	389,50	374,39	*150	25	55	19,91	QPS20B1-037
38	399,60	384,49	*150	25	55	20,76	QPS20B1-038
39	409,70	394,59	150	25	55	21,73	QPS20B1-039
40	419,80	404,69	*150	25	55	22,53	QPS20B1-040
45	470,30	455,17	*150	25	70	31,79	QPS20B1-045
50	520,80	505,65	*150	25	70	39,00	QPS20B1-050
57	591,50	576,35	*150	25	80	45,79	QPS20B1-057
76	783,50	768,32	*150	25	80	75,81	QPS20B1-076

Material	Steel C45 (Fe360B with Z ≥ 26)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

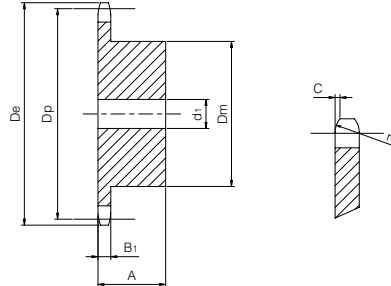
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 24B-1 Pitch 1"1/2 x 1"

SPROCKET	[mm]
Tooth radius r_3	38
Radius width C	4
Tooth width B_1	24,1
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller ϕ	25,4



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	115,00	99,55	58	20	45	1,38	QPS24B1-008
9	126,40	111,40	70	20	45	1,90	QPS24B1-009
10	138,00	123,29	80	20	45	2,47	QPS24B1-010
11	150,00	135,21	90	25	50	3,27	QPS24B1-011
12	162,00	147,22	102	25	50	4,09	QPS24B1-012
13	174,20	159,18	114	25	50	5,00	QPS24B1-013
14	186,20	171,22	128	25	50	6,09	QPS24B1-014
15	198,20	183,26	140	25	50	6,84	QPS24B1-015
16	210,30	195,30	*140	25	55	8,20	QPS24B1-016
17	222,30	207,34	*140	25	55	8,87	QPS24B1-017
18	234,30	219,42	*140	25	55	9,59	QPS24B1-018
19	246,50	231,49	*140	25	55	10,36	QPS24B1-019
20	258,60	243,57	*140	25	55	11,16	QPS24B1-020
21	270,60	255,65	*150	25	60	13,35	QPS24B1-021
22	282,70	267,73	*150	25	60	14,24	QPS24B1-022
23	294,80	279,80	*150	25	60	15,18	QPS24B1-023
24	306,80	291,88	*150	25	60	16,16	QPS24B1-024
25	319,00	304,00	*150	25	60	17,19	QPS24B1-025
26	331,00	316,08	*160	30	60	18,25	QPS24B1-026
27	343,20	328,19	*160	30	60	19,37	QPS24B1-027
28	355,20	340,27	*160	30	60	20,52	QPS24B1-028
29	367,30	352,38	*160	30	60	21,72	QPS24B1-029
30	379,50	364,50	*160	30	60	22,97	QPS24B1-030
31	391,60	376,62	*160	30	60	24,25	QPS24B1-031
32	403,70	388,69	*160	30	60	25,59	QPS24B1-032
33	415,80	400,81	*160	30	60	26,96	QPS24B1-033
34	427,80	412,93	*160	30	60	28,38	QPS24B1-034
35	440,00	425,04	*160	30	60	29,84	QPS24B1-035
36	452,00	437,16	*160	30	60	31,34	QPS24B1-036
37	464,20	449,27	*160	30	60	32,90	QPS24B1-037
38	476,20	461,39	*160	30	60	34,49	QPS24B1-038
39	488,50	473,50	*160	30	60	36,15	QPS24B1-039
40	500,60	485,62	*160	30	60	37,81	QPS24B1-040
45	561,20	546,19	*160	30	90	54,08	QPS24B1-045
50	621,70	606,78	*160	30	90	67,00	QPS24B1-050
57	706,50	691,63	*170	30	100	80,28	QPS24B1-057

Material	Steel C45 (Fe360B with Z ≥ 16)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

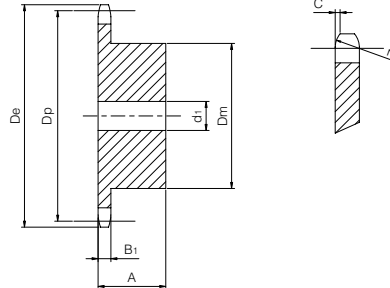
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 28B-1 Pitch 1"3/4 x 1"1/4

SPROCKET	[mm]
Tooth radius r_3	44
Radius width C	5
Tooth width B_1	29,4
CHAIN	[mm]
Pitch	44,45
Internal width	30,99
Roller ϕ	27,94



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	132,00	116,15	74	25	70	2,86	QPS28B1-008
9	148,40	129,96	88	25	70	4,00	QPS28B1-009
10	162,30	143,85	100	25	70	5,18	QPS28B1-010
11	176,30	157,77	112	25	70	6,51	QPS28B1-011
12	189,50	171,74	125	25	70	8,04	QPS28B1-012
13	204,20	185,74	*125	25	70	8,88	QPS28B1-013
14	218,20	199,76	*125	25	70	9,79	QPS28B1-014
15	232,30	213,79	*125	25	70	10,77	QPS28B1-015
16	246,30	227,84	*160	30	75	14,96	QPS28B1-016
17	260,00	241,91	*160	30	75	16,09	QPS28B1-017
18	274,00	255,98	*160	30	75	17,28	QPS28B1-018
19	289,00	270,06	*160	30	75	18,56	QPS28B1-019
20	303,00	284,15	*160	30	75	19,90	QPS28B1-020
21	317,00	298,24	*160	30	75	21,31	QPS28B1-021
22	331,00	312,34	*160	30	75	22,80	QPS28B1-022
23	345,00	326,44	*160	30	75	24,36	QPS28B1-023
24	359,00	340,55	*160	30	75	26,00	QPS28B1-024
25	373,00	354,66	*160	30	75	27,70	QPS28B1-025
26	387,00	368,77	*160	30	75	29,48	QPS28B1-026
27	401,40	382,88	*160	30	75	31,36	QPS28B1-027
28	416,00	397,00	*160	30	75	33,26	QPS28B1-028
29	430,00	411,12	*160	30	75	35,30	QPS28B1-029
30	444,00	425,24	*160	30	75	37,33	QPS28B1-030
31	458,00	439,37	*180	30	75	40,46	QPS28B1-031
32	472,00	453,49	*180	30	75	43,59	QPS28B1-032
33	486,00	467,62	*180	30	75	45,92	QPS28B1-033
34	500,00	481,75	*180	30	75	48,24	QPS28B1-034
35	514,00	495,88	*180	30	75	50,57	QPS28B1-035
36	529,00	510,01	*180	30	75	53,18	QPS28B1-036
37	543,00	524,14	*180	30	75	55,79	QPS28B1-037
38	557,00	538,27	*180	30	75	58,40	QPS28B1-038
39	571,00	552,40	*180	30	75	61,16	QPS28B1-039
40	585,00	566,54	*180	30	75	63,92	QPS28B1-040

Material	Steel C45 (Fe360B with Z ≥ 13)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

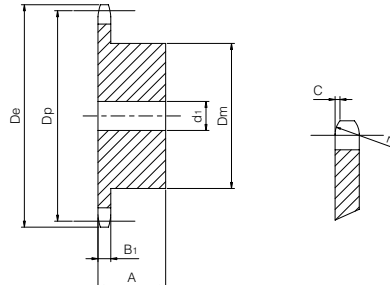
Simplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 32B-1 Pitch 2" x 1"1/4

SPROCKET	[mm]
Tooth radius r_3	51
Radius width C	6
Tooth width B_1	29,4
CHAIN	[mm]
Pitch	50,8
Internal width	30,99
Roller ϕ	29,21



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	153,00	132,69	82	25	80	4,20	QPS32B1-008
9	169,00	148,54	88	25	80	5,78	QPS32B1-009
10	185,00	164,44	104	25	80	7,60	QPS32B1-010
11	200,80	180,34	120	30	80	9,26	QPS32B1-011
12	216,80	196,29	*133	30	80	10,91	QPS32B1-012
13	232,80	212,29	*145	30	80	13,05	QPS32B1-013
14	248,80	228,29	*145	30	80	14,25	QPS32B1-014
15	264,80	244,30	*145	30	80	15,53	QPS32B1-015
16	280,90	260,40	*160	30	90	19,87	QPS32B1-016
17	296,90	276,40	*160	30	90	21,35	QPS32B1-017
18	313,00	292,55	*160	30	90	22,92	QPS32B1-018
19	329,10	308,66	*160	30	90	24,53	QPS32B1-019
20	345,20	324,71	*180	30	90	28,50	QPS32B1-020
21	361,30	340,82	*180	30	90	30,36	QPS32B1-021
22	377,50	356,98	*180	30	90	32,31	QPS32B1-022
23	393,60	373,08	*180	30	90	34,36	QPS32B1-023
24	409,70	389,18	*180	30	90	36,50	QPS32B1-024
25	425,80	405,33	*180	30	90	38,74	QPS32B1-025
26	441,90	421,44	*180	30	90	41,07	QPS32B1-026
27	458,10	437,59	*180	30	90	43,54	QPS32B1-027
28	474,20	453,69	*180	30	90	46,01	QPS32B1-028
29	490,40	469,90	*180	30	90	48,68	QPS32B1-029
30	506,50	486,00	*180	30	90	51,34	QPS32B1-030
32	538,80	518,26	*180	30	90	59,89	QPS32B1-032
35	589,50	566,72	*180	30	90	69,16	QPS32B1-035
38	635,50	615,14	*180	30	90	79,28	QPS32B1-038
40	670,30	647,49	*180	30	90	86,50	QPS32B1-040

Material	Steel C45 (Fe360B with Z ≥ 12)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

ES ELITESYSTEM® DUPLEX SPROCKETS

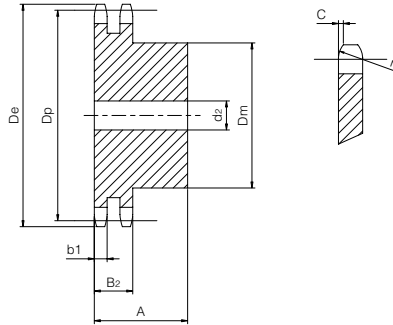
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 05B-2 Pitch 8 x 3 mm

SPROCKET	[mm]
Tooth radius r_3	8
Radius width C	1
Tooth width b_1	2,7
Tooth width B_2	8,3
CHAIN	[mm]
Pitch	8
Internal width	3
Roller ϕ	5



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₂ [mm]	A [mm]	W [kg]	Part number
8	24,00	20,90	12	8	18	0,02	QPD05B2-008
9	26,60	23,39	15	8	18	0,03	QPD05B2-009
10	29,20	25,89	17	8	18	0,03	QPD05B2-010
11	31,70	28,39	19	8	18	0,04	QPD05B2-011
12	34,20	30,91	21	8	18	0,05	QPD05B2-012
13	36,70	33,42	24	8	18	0,07	QPD05B2-013
14	39,20	35,95	26	8	18	0,08	QPD05B2-014
15	41,70	38,48	29	8	18	0,10	QPD05B2-015
16	44,30	41,01	32	10	20	0,13	QPD05B2-016
17	46,80	43,53	34	10	20	0,15	QPD05B2-017
18	49,30	46,07	37	0	20	0,17	QPD05B2-018
19	51,90	48,61	39	10	20	0,20	QPD05B2-019
20	54,40	51,14	40	10	20	0,21	QPD05B2-020
21	57,00	53,68	40	10	20	0,25	QPD05B2-021
22	59,50	56,21	40	10	20	0,26	QPD05B2-022
23	62,00	58,75	40	10	20	0,28	QPD05B2-023
24	64,60	61,29	40	10	20	0,23	QPD05B2-024
25	67,50	63,83	40	10	20	0,31	QPD05B2-025
26	69,50	66,37	50	12	22	0,38	QPD05B2-026
27	72,20	68,91	50	12	22	0,40	QPD05B2-027
28	74,80	71,45	50	12	22	0,42	QPD05B2-028
29	77,30	73,99	50	12	22	0,44	QPD05B2-029
30	79,80	76,53	50	12	22	0,45	QPD05B2-030
31	82,40	79,08	60	12	22	0,52	QPD05B2-031
32	84,90	81,61	60	12	22	0,59	QPD05B2-032
33	87,50	84,16	60	12	22	0,61	QPD05B2-033
34	90,00	86,70	60	12	22	0,63	QPD05B2-034
35	92,50	89,25	60	12	22	0,65	QPD05B2-035
36	95,00	91,79	60	12	22	0,67	QPD05B2-036
37	97,60	94,33	60	12	22	0,69	QPD05B2-037
38	100,20	96,88	60	12	22	0,72	QPD05B2-038
39	102,70	99,42	60	12	22	0,75	QPD05B2-039
40	105,30	101,97	60	12	22	0,77	QPD05B2-040

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

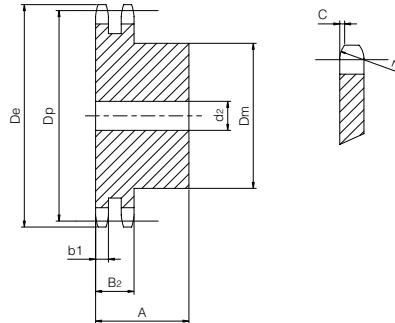
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 06B-2 Pitch 3/8" x 7/32"



SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width b_1	5,2
Tooth width B_2	15,4
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller ϕ	6,35



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	28,00	24,89	15	8	22	0,04	QPD06B2-008
9	31,00	27,85	18	8	22	0,05	QPD06B2-009
10	34,00	30,82	20	8	22	0,07	QPD06B2-010
11	37,00	33,80	22	10	25	0,10	QPD06B2-011
12	40,00	36,80	25	10	25	0,13	QPD06B2-012
13	43,00	39,79	28	10	25	0,16	QPD06B2-013
14	46,30	42,80	31	10	25	0,20	QPD06B2-014
15	49,30	45,81	34	10	25	0,24	QPD06B2-015
16	52,30	48,82	37	12	30	0,27	QPD06B2-016
17	55,30	51,83	40	12	30	0,32	QPD06B2-017
18	58,30	54,85	43	12	30	0,38	QPD06B2-018
19	61,30	57,87	46	12	30	0,42	QPD06B2-019
20	64,30	60,89	49	12	30	0,48	QPD06B2-020
21	68,00	63,91	52	12	30	0,52	QPD06B2-021
22	71,00	66,93	55	12	30	0,58	QPD06B2-022
23	73,50	69,95	58	12	30	0,64	QPD06B2-023
24	77,00	72,97	61	12	30	0,71	QPD06B2-024
25	80,00	76,02	64	12	30	0,79	QPD06B2-025
26	83,00	79,02	67	12	30	0,87	QPD06B2-026
27	86,00	82,02	70	12	30	0,94	QPD06B2-027
28	89,00	85,07	73	12	30	1,03	QPD06B2-028
29	92,00	88,09	76	12	30	1,11	QPD06B2-029
30	94,70	91,12	79	12	30	1,20	QPD06B2-030
31	98,30	94,15	80	16	30	1,27	QPD06B2-031
32	101,30	97,17	80	16	30	1,32	QPD06B2-032
33	104,30	100,20	80	16	30	1,37	QPD06B2-033
34	107,30	103,23	80	16	30	1,43	QPD06B2-034
35	110,40	106,26	80	16	30	1,49	QPD06B2-035
36	113,40	109,29	90	16	30	1,70	QPD06B2-036
37	116,40	112,32	90	16	30	1,76	QPD06B2-037
38	119,50	115,35	90	16	30	1,81	QPD06B2-038
39	122,50	118,37	90	16	30	1,88	QPD06B2-039
40	125,50	121,40	90	16	30	1,95	QPD06B2-040
45	140,70	136,55	*90	16	40	3,15	QPD06B2-045
50	155,70	151,69	*90	16	40	3,50	QPD06B2-050
57	176,90	172,91	*90	16	40	4,16	QPD06B2-057
76	234,90	230,49	*90	16	40	6,23	QPD06B2-076
95	292,50	288,08	*90	16	40	9,76	QPD06B2-095
114	349,50	345,68	*90	16	40	13,29	QPD06B2-114

Material	Steel C45 (Fe360B with $Z \geq 45$)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

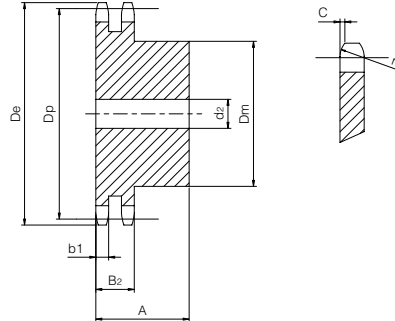
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 08B-2 Pitch 1/2" x 5/16"



SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width b_1	7
Tooth width B_2	21
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller \varnothing	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	37,00	33,18	20	10	32	0,09	QPD08B2-008
9	41,00	37,13	24	10	32	0,13	QPD08B2-009
10	45,20	41,10	28	10	32	0,18	QPD08B2-010
11	48,70	45,07	32	12	35	0,24	QPD08B2-011
12	53,00	49,07	35	12	35	0,30	QPD08B2-012
13	57,40	53,06	38	12	35	0,36	QPD08B2-013
14	61,80	57,07	42	12	35	0,44	QPD08B2-014
15	65,50	61,09	46	12	35	0,52	QPD08B2-015
16	69,50	65,10	50	14	35	0,63	QPD08B2-016
17	73,60	69,11	54	14	35	0,73	QPD08B2-017
18	77,80	73,14	58	14	35	0,85	QPD08B2-018
19	81,70	77,16	62	14	35	0,97	QPD08B2-019
20	85,80	81,19	66	14	35	1,10	QPD08B2-020
21	89,70	85,22	70	16	40	1,29	QPD08B2-021
22	93,80	89,24	70	16	40	1,37	QPD08B2-022
23	98,20	93,27	70	16	40	1,46	QPD08B2-023
24	101,80	97,29	75	16	40	1,64	QPD08B2-024
25	105,80	101,33	80	16	40	1,82	QPD08B2-025
26	110,00	105,36	85	16	40	2,02	QPD08B2-026
27	114,00	109,40	85	16	40	2,12	QPD08B2-027
28	118,00	113,42	90	20	40	2,34	QPD08B2-028
29	122,00	117,46	95	16	40	2,56	QPD08B2-029
30	126,10	121,50	100	16	40	2,79	QPD08B2-030
31	130,20	125,54	100	20	40	2,87	QPD08B2-031
32	134,30	129,56	100	20	40	3,00	QPD08B2-032
33	138,40	133,60	100	20	40	3,13	QPD08B2-033
34	142,60	137,64	100	20	40	3,26	QPD08B2-034
35	146,70	141,68	100	20	40	3,40	QPD08B2-035
36	151,00	145,72	100	20	40	3,54	QPD08B2-036
37	154,60	149,76	100	20	40	3,69	QPD08B2-037
38	158,60	153,80	100	20	40	3,84	QPD08B2-038
39	162,70	157,83	100	20	40	4,00	QPD08B2-039
40	166,80	161,87	100	20	40	4,15	QPD08B2-040
45	188,00	182,07	*108	20	50	6,26	QPD08B2-045
50	208,30	202,26	*108	20	50	7,30	QPD08B2-050
57	236,40	230,54	*108	20	50	8,65	QPD08B2-057
76	313,30	307,32	*108	20	55	13,30	QPD08B2-076
95	390,10	384,11	*110	20	55	21,13	QPD08B2-095
114	466,90	460,91	*110	20	55	28,96	QPD08B2-114

Material	Steel C45 (Fe360B with Z ≥ 45)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

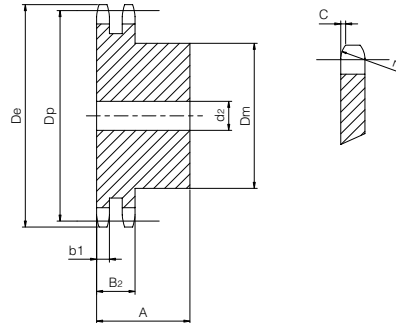
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 10B-2 Pitch 5/8" x 3/8"



SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width b_1	9
Tooth width B_2	25,5
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	47,00	41,48	25	12	40	0,19	QPD10B2-008
9	52,60	46,42	30	12	40	0,27	QPD10B2-009
10	57,50	51,37	35	12	40	0,36	QPD10B2-010
11	63,00	56,34	39	14	40	0,43	QPD10B2-011
12	68,00	61,34	44	14	40	0,55	QPD10B2-012
13	73,00	66,32	49	14	40	0,68	QPD10B2-013
14	78,00	71,34	54	14	40	0,82	QPD10B2-014
15	83,00	76,36	59	14	40	0,97	QPD10B2-015
16	88,00	81,37	64	16	45	1,26	QPD10B2-016
17	93,00	86,39	69	16	45	1,46	QPD10B2-017
18	98,30	91,42	74	16	45	1,67	QPD10B2-018
19	103,30	96,45	79	16	45	1,90	QPD10B2-019
20	108,40	101,49	84	16	45	2,14	QPD10B2-020
21	113,40	106,52	85	16	45	2,27	QPD10B2-021
22	118,00	111,55	90	16	45	2,54	QPD10B2-022
23	123,50	116,58	95	16	45	2,82	QPD10B2-023
24	128,30	121,62	100	16	45	3,11	QPD10B2-024
25	134,00	126,66	105	16	45	3,15	QPD10B2-025
26	139,00	131,70	110	20	45	3,74	QPD10B2-026
27	144,00	136,75	110	20	45	3,94	QPD10B2-027
28	148,70	141,78	115	20	45	4,28	QPD10B2-028
29	153,80	146,83	115	20	45	4,50	QPD10B2-029
30	158,80	151,87	120	20	45	4,87	QPD10B2-030
31	163,90	156,92	120	20	45	5,10	QPD10B2-031
32	168,90	161,95	120	20	45	5,34	QPD10B2-032
33	174,50	167,00	120	20	45	5,59	QPD10B2-033
34	179,00	172,05	120	20	45	5,84	QPD10B2-034
35	184,10	177,10	120	20	45	6,11	QPD10B2-035
36	189,10	182,15	120	20	45	6,38	QPD10B2-036
37	194,20	187,20	120	20	45	6,66	QPD10B2-037
38	199,20	192,24	120	20	45	6,95	QPD10B2-038
39	204,20	197,29	120	20	45	7,25	QPD10B2-039
40	209,30	202,34	120	20	45	7,55	QPD10B2-040
45	235,00	227,58	*120	20	50	10,32	QPD10B2-045
50	260,30	252,82	*120	20	50	12,00	QPD10B2-050
57	296,00	288,18	*130	20	50	15,74	QPD10B2-057
76	392,10	384,15	*130	20	63	24,93	QPD10B2-076
95	488,50	480,14	*130	20	63	38,90	QPD10B2-095

Material	Steel C45 (Fe360B with $Z \geq 45$)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

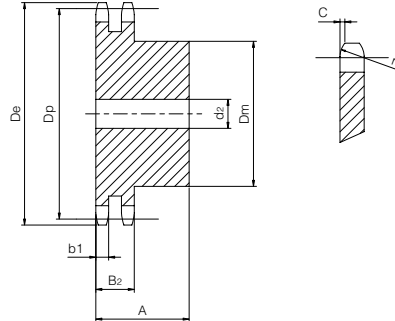
Duplex sprocket

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 \varnothing	12,07



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	57,30	49,78	31	12	45	0,31	QPD12B2-008
9	62,00	55,70	37	12	45	0,44	QPD12B2-009
10	69,00	61,64	42	12	45	0,59	QPD12B2-010
11	75,00	67,61	47	16	50	0,81	QPD12B2-011
12	81,50	73,60	53	16	50	1,02	QPD12B2-012
13	87,50	79,59	59	16	50	1,25	QPD12B2-013
14	93,60	85,61	65	16	50	1,46	QPD12B2-014
15	99,80	91,63	71	16	50	1,74	QPD12B2-015
16	105,50	97,65	77	20	50	2,03	QPD12B2-016
17	111,50	103,67	83	20	50	2,36	QPD12B2-017
18	118,00	109,71	89	20	50	2,70	QPD12B2-018
19	124,20	115,75	95	20	50	3,07	QPD12B2-019
20	129,70	121,78	100	20	50	3,43	QPD12B2-020
21	136,00	127,82	100	20	50	3,69	QPD12B2-021
22	141,00	133,86	100	20	50	3,97	QPD12B2-022
23	149,00	139,90	110	20	50	4,51	QPD12B2-023
24	153,90	145,94	110	20	50	4,81	QPD12B2-024
25	160,00	152,00	120	20	50	5,41	QPD12B2-025
26	165,90	158,04	120	20	50	5,73	QPD12B2-026
27	172,30	164,09	120	20	50	6,08	QPD12B2-027
28	178,00	170,13	120	20	50	6,43	QPD12B2-028
29	184,10	176,19	120	20	50	6,80	QPD12B2-029
30	190,50	182,25	120	20	50	7,19	QPD12B2-030
31	196,30	188,31	130	20	50	7,59	QPD12B2-031
32	203,30	194,35	130	20	50	8,00	QPD12B2-032
33	209,30	200,40	130	20	50	8,42	QPD12B2-033
34	214,60	206,46	130	20	50	8,86	QPD12B2-034
35	221,00	212,52	130	20	50	9,31	QPD12B2-035
36	226,80	218,58	130	25	50	9,71	QPD12B2-036
37	232,90	224,64	130	25	50	10,19	QPD12B2-037
38	239,00	230,69	130	25	50	10,78	QPD12B2-038
39	245,10	236,75	130	25	50	11,19	QPD12B2-039
40	251,30	242,81	130	25	50	11,71	QPD12B2-040
45	282,50	273,09	*140	25	63	16,35	QPD12B2-045
50	312,30	303,39	*140	25	63	20,00	QPD12B2-050
57	355,40	345,81	*140	25	63	24,43	QPD12B2-057
76	469,90	460,98	*140	25	63	41,88	QPD12B2-076
95	585,10	576,17	*140	25	63	63,79	QPD12B2-095
114	700,60	691,36	*140	25	63	85,70	QPD12B2-114

Material	Steel C45 (Fe360B with Z ≥ 45)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

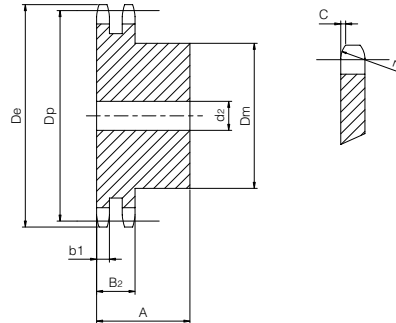
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 16B-2 Pitch 1" x 17,02 mm



SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width b_1	15,8
Tooth width B_2	47,7
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	77,00	66,37	42	16	65	0,81	QPD16B2-008
9	85,00	74,27	50	16	65	1,15	QPD16B2-009
10	93,00	82,19	56	16	65	1,52	QPD16B2-010
11	101,50	90,14	64	20	70	2,08	QPD16B2-011
12	109,00	98,14	72	20	70	2,60	QPD16B2-012
13	117,00	106,12	80	20	70	3,18	QPD16B2-013
14	125,00	114,15	88	20	70	3,82	QPD16B2-014
15	133,00	122,17	96	20	70	4,51	QPD16B2-015
16	141,00	130,20	104	20	70	5,17	QPD16B2-016
17	149,00	138,22	112	20	70	5,98	QPD16B2-017
18	157,00	146,28	120	20	70	6,84	QPD16B2-018
19	165,20	154,33	128	20	70	7,76	QPD16B2-019
20	173,20	162,38	130	20	70	8,52	QPD16B2-020
21	181,20	170,43	130	25	70	9,24	QPD16B2-021
22	189,30	178,48	*130	25	70	10,00	QPD16B2-022
23	197,50	186,53	*130	25	70	10,80	QPD16B2-023
24	205,50	194,59	*130	25	70	11,64	QPD16B2-024
25	213,50	202,66	*130	25	70	12,52	QPD16B2-025
26	221,60	210,72	*130	25	70	13,43	QPD16B2-026
27	229,60	218,79	*130	25	70	14,38	QPD16B2-027
28	237,70	226,85	*130	25	70	15,38	QPD16B2-028
29	245,80	234,92	*130	25	70	16,41	QPD16B2-029
30	254,00	243,00	*130	25	70	17,48	QPD16B2-030
31	262,00	251,08	*140	25	70	18,96	QPD16B2-031
32	270,00	259,13	*140	25	70	20,10	QPD16B2-032
33	278,50	267,21	*140	25	70	21,29	QPD16B2-033
34	287,00	275,28	*140	25	70	22,21	QPD16B2-034
35	296,20	283,36	*140	25	70	23,77	QPD16B2-035
36	304,60	291,44	*140	25	70	25,07	QPD16B2-036
37	312,60	299,51	*140	25	70	26,41	QPD16B2-037
38	320,70	307,59	*140	25	70	27,79	QPD16B2-038
39	328,80	315,67	*140	25	70	29,20	QPD16B2-039
40	336,90	323,75	*140	25	70	30,65	QPD16B2-040
45	377,10	364,12	*150	25	80	38,44	QPD16B2-045
50	417,40	404,52	*150	25	80	48,00	QPD16B2-050
57	474,00	461,08	*160	25	90	63,45	QPD16B2-057
76	627,00	614,64	*160	25	90	110,79	QPD16B2-076
95	781,10	768,22	*160	25	116	178,48	QPD16B2-095
114	934,30	921,81	*160	25	116	246,17	QPD16B2-114

Material	Steel C45 (Fe360B with Z ≥ 22)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

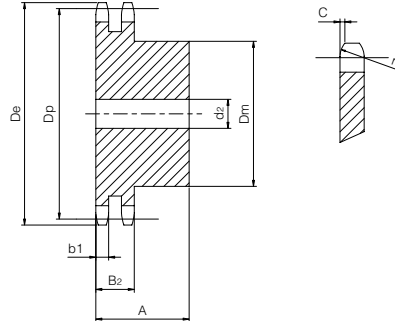
Duplex sprocket

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	De [mm]	Dp [mm]	Dm [mm]	d2 [mm]	A [mm]	W [kg]	Part number
8	98,10	82,96	53	20	75	1,58	QPD20B2-008
9	108,00	92,84	63	20	75	2,19	QPD20B2-009
10	117,90	102,74	70	20	75	2,85	QPD20B2-010
11	127,80	112,68	80	20	80	3,72	QPD20B2-011
12	137,80	122,68	90	20	80	4,66	QPD20B2-012
13	147,80	132,65	100	20	80	5,70	QPD20B2-013
14	157,80	142,68	110	20	80	6,84	QPD20B2-014
15	167,90	152,72	120	20	80	8,08	QPD20B2-015
16	177,90	162,75	120	25	80	8,90	QPD20B2-016
17	187,90	172,78	120	25	80	9,92	QPD20B2-017
18	198,00	182,85	*120	25	80	11,00	QPD20B2-018
19	208,10	192,91	*120	25	80	12,16	QPD20B2-019
20	218,10	202,98	*120	25	80	13,38	QPD20B2-020
21	228,20	213,04	*140	25	80	15,49	QPD20B2-021
22	238,30	223,11	*140	25	80	16,86	QPD20B2-022
23	248,30	233,17	*140	25	80	18,29	QPD20B2-023
24	258,40	243,23	*140	25	80	19,79	QPD20B2-024
25	268,50	253,33	*140	25	80	21,36	QPD20B2-025
26	278,60	263,40	*150	25	80	23,45	QPD20B2-026
27	288,60	273,49	*150	25	80	25,15	QPD20B2-027
28	298,70	283,56	*150	25	80	26,93	QPD20B2-028
29	308,80	293,65	*150	25	80	28,77	QPD20B2-029
30	318,90	303,75	*150	25	80	30,69	QPD20B2-030
31	329,00	313,85	*150	25	80	32,67	QPD20B2-031
32	339,10	323,91	*150	25	80	34,72	QPD20B2-032
33	349,20	334,01	*150	25	80	36,88	QPD20B2-033
34	359,30	344,10	*150	25	80	39,03	QPD20B2-034
35	369,40	354,20	*150	25	80	41,28	QPD20B2-035
36	379,50	364,30	*150	30	80	43,61	QPD20B2-036
37	389,50	374,39	*150	30	80	46,04	QPD20B2-037
38	399,60	384,49	*150	30	80	48,46	QPD20B2-038
39	409,70	394,59	*150	30	80	51,03	QPD20B2-039
40	419,80	404,69	*150	30	80	53,60	QPD20B2-040
45	470,30	455,17	*160	30	90	71,32	QPD20B2-045
76	783,50	768,32	*180	30	100	200,96	QPD20B2-076

Material	Steel C45 (Fe360B with Z ≥ 18)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

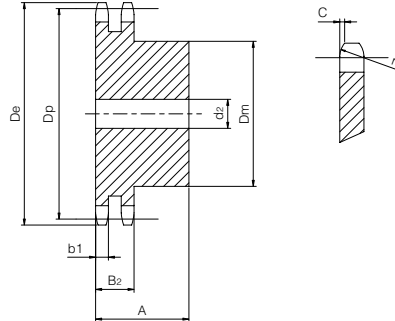
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 24B-2 Pitch 1"1/2 x 1"



SPROCKET	[mm]
Tooth radius r_3	38
Radius width C	4
Tooth width b_1	23,6
Tooth width B_2	72
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller ϕ	25,4



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	115,00	99,55	58	25	95	2,70	QPD24B2-008
9	126,40	111,40	70	25	95	3,79	QPD24B2-009
10	138,00	123,29	80	25	95	5,01	QPD24B2-010
11	150,00	135,21	90	25	100	6,62	QPD24B2-011
12	162,00	147,22	102	25	100	8,28	QPD24B2-012
13	174,20	159,18	114	25	100	10,13	QPD24B2-013
14	186,20	171,22	128	25	100	12,24	QPD24B2-014
15	198,20	183,26	140	25	100	14,08	QPD24B2-015
16	210,30	195,30	*140	25	100	15,88	QPD24B2-016
17	222,30	207,34	*150	25	100	17,80	QPD24B2-017
18	234,30	219,42	*160	25	100	21,08	QPD24B2-018
19	246,50	231,49	*160	25	100	23,26	QPD24B2-019
20	258,60	243,57	*160	25	100	25,57	QPD24B2-020
21	270,60	255,65	*160	25	100	28,01	QPD24B2-021
22	282,70	267,73	*160	25	100	30,59	QPD24B2-022
23	294,80	279,80	*160	25	100	33,29	QPD24B2-023
24	306,80	291,88	*160	25	100	36,13	QPD24B2-024
25	319,00	304,00	*160	25	100	39,09	QPD24B2-025
26	331,00	316,08	*160	30	100	42,19	QPD24B2-026
27	343,20	328,19	*160	30	100	45,41	QPD24B2-027
28	355,20	340,27	*160	30	100	48,77	QPD24B2-028
29	367,30	352,38	*160	30	100	52,26	QPD24B2-029
30	379,50	364,50	*160	30	100	55,88	QPD24B2-030
31	391,60	376,62	*170	30	100	59,19	QPD24B2-031
32	403,70	388,69	*170	30	100	63,07	QPD24B2-032
33	415,80	400,81	*170	30	100	67,08	QPD24B2-033
34	427,80	412,93	*170	30	100	71,21	QPD24B2-034
35	440,00	425,04	*170	30	100	75,49	QPD24B2-035
36	452,00	437,16	*170	30	100	79,89	QPD24B2-036
37	464,20	449,27	*170	30	100	84,43	QPD24B2-037
38	476,20	461,39	*170	30	100	89,09	QPD24B2-038
39	488,50	473,50	*170	30	100	93,95	QPD24B2-039
40	500,60	485,62	*170	30	100	98,80	QPD24B2-040

Material	Steel C45 (Fe360B with Z ≥ 16)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

Duplex sprocket

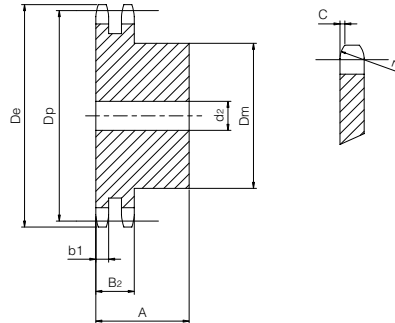
for chain according to DIN 8187 - ISO/R 606

ISO 28B-2

Pitch 1"3/4 x 1"1/4



SPROCKET	[mm]
Tooth radius r_3	44
Radius width C	5
Tooth width b_1	28,8
Tooth width B_2	88,4
CHAIN	[mm]
Pitch	44,45
Internal width	30,99
Roller \varnothing	27,94



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	132,00	116,15	74	25	120	4,75	QPD28B2-008
9	148,40	129,96	88	25	120	6,66	QPD28B2-009
10	162,30	143,85	100	25	120	8,79	QPD28B2-010
11	176,30	157,77	112	25	120	11,19	QPD28B2-011
12	189,50	171,74	125	25	120	13,91	QPD28B2-012
13	204,20	185,74	*125	25	120	16,25	QPD28B2-013
14	218,20	199,76	*125	25	120	18,81	QPD28B2-014
15	232,30	213,79	*145	25	120	22,64	QPD28B2-015
16	246,30	227,84	*160	30	120	26,52	QPD28B2-016
17	260,00	241,91	*160	30	120	29,74	QPD28B2-017
18	274,00	255,98	*160	30	120	33,17	QPD28B2-018
19	289,00	270,06	*180	30	120	38,14	QPD28B2-019
20	303,00	284,15	*180	30	120	42,02	QPD28B2-020
21	317,00	298,24	*180	30	120	49,10	QPD28B2-021
22	331,00	312,34	*180	30	120	50,40	QPD28B2-022
23	345,00	326,44	*180	30	120	54,92	QPD28B2-023
24	359,00	340,55	*180	30	120	59,77	QPD28B2-024
25	373,00	354,66	*180	30	120	64,62	QPD28B2-025
26	387,00	368,77	*180	30	120	69,28	QPD28B2-026
27	401,40	382,88	*180	30	120	74,78	QPD28B2-027
28	416,00	397,00	*180	30	120	80,28	QPD28B2-028
29	430,00	411,12	*180	30	120	86,23	QPD28B2-029
30	444,00	425,24	*180	30	120	92,17	QPD28B2-030
31	458,00	439,37	*180	30	120	109,67	QPD28B2-031
35	514,00	495,88	*200	30	120	127,17	QPD28B2-035
38	557,00	538,27	*200	30	120	149,90	QPD28B2-038
40	585,00	566,54	*200	30	120	167,15	QPD28B2-040

ISO duplex sprockets

Material	Steel C45 (Fe360B with $Z \geq 13$)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

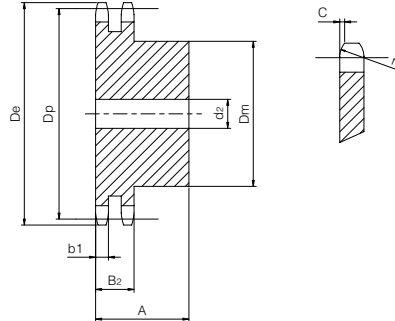
Duplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 32B-2 Pitch 2" x 1"1/4



SPROCKET	[mm]
Tooth radius r_3	51
Radius width C	6
Tooth width b_1	28,8
Tooth width B_2	87,4
CHAIN	[mm]
Pitch	50,8
Internal width	30,99
Roller ϕ	29,21



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
8	153,00	132,69	82	30	120	6,65	QPD32B2-008
9	169,00	148,54	88	30	120	9,14	QPD32B2-009
10	185,00	164,44	104	30	120	12,01	QPD32B2-010
11	200,80	180,34	120	30	120	14,75	QPD32B2-011
12	216,80	196,29	*133	30	120	17,95	QPD32B2-012
13	232,80	212,29	*145	30	120	21,68	QPD32B2-013
14	248,80	228,29	*145	30	120	25,03	QPD32B2-014
15	264,80	244,30	*160	30	120	29,30	QPD32B2-015
16	280,90	260,40	*160	30	120	33,21	QPD32B2-016
17	296,90	276,40	*180	30	120	38,76	QPD32B2-017
18	313,00	292,55	*180	30	120	43,24	QPD32B2-018
19	329,10	308,66	*200	30	120	49,52	QPD32B2-019
20	345,20	324,71	*200	30	120	54,56	QPD32B2-020
21	361,30	340,82	*200	30	120	59,87	QPD32B2-021
22	377,50	356,98	*200	30	120	65,47	QPD32B2-022
23	393,60	373,08	*200	30	120	71,35	QPD32B2-023
24	409,70	389,18	*200	30	120	77,52	QPD32B2-024
25	425,80	405,33	*200	30	120	83,66	QPD32B2-025
26	441,90	421,44	*200	30	120	90,69	QPD32B2-026
27	458,10	437,59	*200	30	120	97,84	QPD32B2-027
28	474,20	453,69	*200	30	120	104,99	QPD32B2-028
30	506,50	486,00	*200	30	120	120,41	QPD32B2-030

Material	Steel C45 (Fe360B with $Z \geq 12$)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

ES ELITESYSTEM® TRIPLEX SPROCKETS

Triplex sprocket

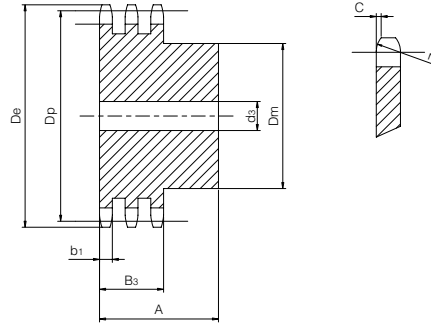
for chain according to DIN 8187 - ISO/R 606

ISO 06B-3

Pitch 3/8" x 7/32"



SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width b_1	5,2
Tooth width B_3	25,6
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller \varnothing	6,35



Z	De [mm]	Dp [mm]	Dm [mm]	d3 [mm]	A [mm]	W [kg]	Part number
8	28,00	24,89	15	8	32	0,05	QPT06B3-008
9	31,00	27,85	18	8	32	0,07	QPT06B3-009
10	34,00	30,82	20	10	32	0,09	QPT06B3-010
11	37,00	33,80	22	10	35	0,11	QPT06B3-011
12	40,00	36,80	25	10	35	0,15	QPT06B3-012
13	43,00	39,79	28	10	35	0,19	QPT06B3-013
14	46,30	42,80	31	12	35	0,23	QPT06B3-014
15	49,30	45,81	34	12	35	0,28	QPT06B3-015
16	52,30	48,82	37	12	35	0,33	QPT06B3-016
17	55,30	51,83	40	12	35	0,39	QPT06B3-017
18	58,30	54,85	43	12	35	0,45	QPT06B3-018
19	61,30	57,87	46	12	35	0,51	QPT06B3-019
20	64,30	60,89	49	12	35	0,58	QPT06B3-020
21	68,00	63,91	52	14	40	0,70	QPT06B3-021
22	71,00	66,93	55	14	40	0,78	QPT06B3-022
23	73,50	69,95	58	14	40	0,87	QPT06B3-023
24	77,00	72,97	61	14	40	0,97	QPT06B3-024
25	80,00	76,02	64	14	40	1,06	QPT06B3-025
26	83,00	79,02	67	14	40	1,17	QPT06B3-026
27	86,00	82,02	70	14	40	1,27	QPT06B3-027
28	89,00	85,07	73	14	40	1,39	QPT06B3-028
29	92,00	88,09	76	14	40	1,50	QPT06B3-029
30	94,70	91,12	79	14	40	1,62	QPT06B3-030
31	98,30	94,15	80	16	40	1,72	QPT06B3-031
32	101,30	97,17	80	16	40	1,80	QPT06B3-032
33	104,30	100,20	80	16	40	1,89	QPT06B3-033
34	107,30	103,23	85	16	40	2,06	QPT06B3-034
35	110,40	106,26	85	16	40	2,15	QPT06B3-035
36	113,40	109,29	90	16	40	2,33	QPT06B3-036
37	116,40	112,32	90	16	40	2,43	QPT06B3-037
38	119,50	115,35	90	16	40	2,53	QPT06B3-038
39	122,50	118,37	90	16	40	2,63	QPT06B3-039
40	125,50	121,40	90	16	40	2,74	QPT06B3-040

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

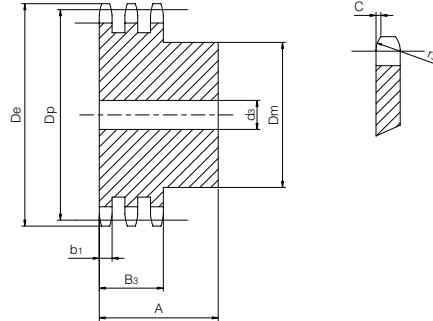
Triplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 08B-3 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width b_1	7
Tooth width B_3	34,9
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_3 [mm]	A [mm]	W [kg]	Part number
8	37,00	33,18	20	10	46	0,13	QPT08B3-008
9	41,00	37,13	24	12	46	0,18	QPT08B3-009
10	45,20	41,10	28	12	46	0,24	QPT08B3-010
11	48,70	45,07	32	14	50	0,31	QPT08B3-011
12	53,00	49,07	35	14	50	0,39	QPT08B3-012
13	57,40	53,06	38	14	50	0,49	QPT08B3-013
14	61,80	57,07	42	14	50	0,60	QPT08B3-014
15	65,50	61,09	46	14	50	0,72	QPT08B3-015
16	69,50	65,10	50	16	50	0,85	QPT08B3-016
17	73,60	69,11	54	16	50	0,99	QPT08B3-017
18	77,80	73,14	58	16	50	1,14	QPT08B3-018
19	81,70	77,16	62	16	50	1,30	QPT08B3-019
20	85,80	81,19	66	16	50	1,47	QPT08B3-020
21	89,70	85,22	70	16	55	1,79	QPT08B3-021
22	93,80	89,24	70	16	55	1,93	QPT08B3-022
23	98,20	93,27	70	16	55	2,08	QPT08B3-023
24	101,80	97,29	75	16	55	2,32	QPT08B3-024
25	105,80	101,33	80	16	55	2,57	QPT08B3-025
26	110,00	105,36	85	20	55	2,79	QPT08B3-026
27	114,00	109,40	85	20	55	2,96	QPT08B3-027
28	118,00	113,42	90	20	55	3,25	QPT08B3-028
29	122,00	117,46	95	20	55	3,55	QPT08B3-029
30	126,10	121,50	100	20	55	3,86	QPT08B3-030
31	130,20	125,54	110	20	55	4,32	QPT08B3-031
32	134,30	129,56	110	20	55	4,53	QPT08B3-032
33	138,40	133,60	110	20	55	4,74	QPT08B3-033
34	142,60	137,64	110	20	55	4,97	QPT08B3-034
35	146,70	141,68	110	20	55	5,20	QPT08B3-035
36	151,00	145,72	120	25	55	5,64	QPT08B3-036
37	154,60	149,76	120	25	55	5,88	QPT08B3-037
38	158,60	153,80	120	25	55	6,14	QPT08B3-038
39	162,70	157,83	120	25	55	6,40	QPT08B3-039
40	166,80	161,87	120	25	55	6,66	QPT08B3-040

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

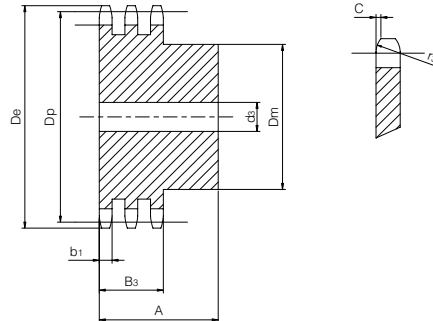
Triplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 10B-3 Pitch 5/8" x 3/8"



SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width b_1	9
Tooth width B_3	42,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_3 [mm]	A [mm]	W [kg]	Part number
8	47,00	41,48	25	12	55	0,27	QPT10B3-008
9	52,60	46,42	30	12	55	0,38	QPT10B3-009
10	57,50	51,37	35	12	55	0,47	QPT10B3-010
11	63,00	56,34	39	16	55	0,61	QPT10B3-011
12	68,00	61,34	44	16	55	0,78	QPT10B3-012
13	73,00	66,32	49	16	55	0,96	QPT10B3-013
14	78,00	71,34	54	16	55	1,15	QPT10B3-014
15	83,00	76,36	59	16	55	1,37	QPT10B3-015
16	88,00	81,37	64	16	60	1,72	QPT10B3-016
17	93,00	86,39	69	16	60	1,99	QPT10B3-017
18	98,30	91,42	74	16	60	2,27	QPT10B3-018
19	103,30	96,45	79	16	60	2,58	QPT10B3-019
20	108,40	101,49	84	16	60	2,91	QPT10B3-020
21	113,40	106,52	85	20	60	3,12	QPT10B3-021
22	118,00	111,55	90	20	60	3,48	QPT10B3-022
23	123,50	116,58	95	20	60	3,86	QPT10B3-023
24	128,30	121,62	100	20	60	4,25	QPT10B3-024
25	134,00	126,66	105	20	60	4,67	QPT10B3-025
26	139,00	131,70	110	20	60	5,10	QPT10B3-026
27	144,00	136,75	110	20	60	5,43	QPT10B3-027
28	148,70	141,78	115	20	60	5,90	QPT10B3-028
29	153,80	146,83	115	20	60	6,25	QPT10B3-029
30	158,80	151,87	120	20	60	6,65	QPT10B3-030
31	163,90	156,92	120	20	60	7,18	QPT10B3-031
32	168,90	161,95	120	20	60	7,56	QPT10B3-032
33	174,50	167,00	120	20	60	7,97	QPT10B3-033
34	179,00	172,05	120	20	60	8,36	QPT10B3-034
35	184,10	177,10	120	20	60	8,74	QPT10B3-035
36	189,10	182,15	120	25	60	9,15	QPT10B3-036
37	194,20	187,20	120	25	60	9,61	QPT10B3-037
38	199,20	192,24	120	25	60	10,08	QPT10B3-038
39	204,20	197,29	120	25	60	10,57	QPT10B3-039
40	209,30	202,34	120	25	60	11,07	QPT10B3-040

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

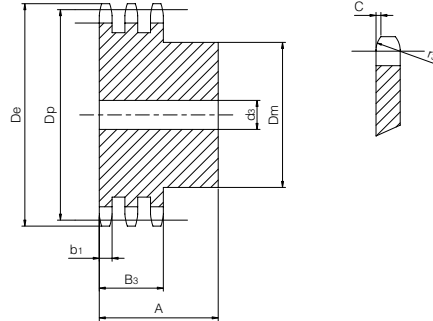
Triplex sprocket

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 ϕ	12,07



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_3 [mm]	A [mm]	W [kg]	Part number
8	57,30	49,78	31	16	65	0,45	QPT12B3-008
9	62,00	55,70	37	16	65	0,64	QPT12B3-009
10	69,00	61,64	42	16	65	0,86	QPT12B3-010
11	75,00	67,61	47	20	70	1,09	QPT12B3-011
12	81,50	73,60	53	20	70	1,39	QPT12B3-012
13	87,50	79,59	59	20	70	1,72	QPT12B3-013
14	93,60	85,61	65	20	70	2,08	QPT12B3-014
15	99,80	91,63	71	20	70	2,47	QPT12B3-015
16	105,50	97,65	77	20	70	2,89	QPT12B3-016
17	111,50	103,67	83	20	70	3,34	QPT12B3-017
18	118,00	109,71	89	20	70	3,83	QPT12B3-018
19	124,20	115,75	95	20	70	4,35	QPT12B3-019
20	129,70	121,78	100	20	70	4,87	QPT12B3-020
21	136,00	127,82	100	20	70	5,20	QPT12B3-021
22	141,00	133,86	100	20	70	5,65	QPT12B3-022
23	149,00	139,90	110	20	70	6,38	QPT12B3-023
24	153,90	145,94	110	20	70	6,87	QPT12B3-024
25	160,00	152,00	120	20	70	7,77	QPT12B3-025
26	165,90	158,04	120	20	70	8,21	QPT12B3-026
27	172,30	164,09	120	20	70	8,77	QPT12B3-027
28	178,00	170,13	120	20	70	9,35	QPT12B3-028
29	184,10	176,19	120	20	70	9,96	QPT12B3-029
30	190,50	182,25	120	20	70	10,59	QPT12B3-030
31	196,30	188,31	130	25	70	11,55	QPT12B3-031
32	203,30	194,35	130	25	70	12,22	QPT12B3-032
33	209,30	200,40	130	25	70	12,92	QPT12B3-033
34	214,60	206,46	130	25	70	13,64	QPT12B3-034
35	221,00	212,52	130	25	70	14,38	QPT12B3-035
36	226,80	218,58	130	25	70	15,14	QPT12B3-036
37	232,90	224,64	130	25	70	15,93	QPT12B3-037
38	239,00	230,69	130	25	70	16,73	QPT12B3-038
39	245,10	236,75	130	25	70	17,57	QPT12B3-039
40	251,30	242,81	130	25	70	18,42	QPT12B3-040
45	282,50	273,09	*140	25	70	23,55	QPT12B3-045
50	312,30	303,39	*140	25	70	30,00	QPT12B3-050
57	355,40	345,81	*140	25	70	37,16	QPT12B3-057
76	469,90	460,98	*140	25	70	65,41	QPT12B3-076
95	585,10	576,17	*140	25	70	101,37	QPT12B3-095
114	700,60	691,36	*140	25	70	137,33	QPT12B3-114

Material	Steel C45 (Fe360B with Z ≥ 45)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

Triplex sprocket

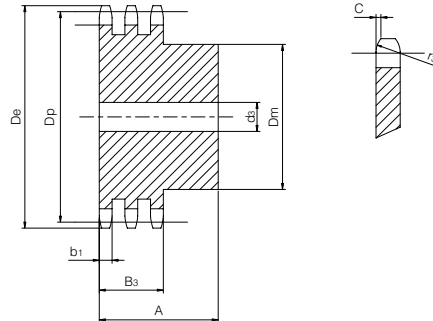
for chain according to DIN 8187 - ISO/R 606

ISO 16B-3

Pitch 1" x 17,02 mm



SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width b_1	15,8
Tooth width B_3	79,6
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_3 [mm]	A [mm]	W [kg]	Part number
8	77,00	66,37	42	20	95	1,19	QPT16B3-008
9	85,00	74,27	50	20	95	1,68	QPT16B3-009
10	93,00	82,19	56	20	95	2,24	QPT16B3-010
11	101,50	90,14	64	25	100	2,86	QPT16B3-011
12	109,00	98,14	72	25	100	3,62	QPT16B3-012
13	117,00	106,12	80	25	100	4,45	QPT16B3-013
14	125,00	114,15	88	25	100	5,37	QPT16B3-014
15	133,00	122,17	96	25	100	6,37	QPT16B3-015
16	141,00	130,20	104	25	100	7,45	QPT16B3-016
17	149,00	138,22	112	25	100	8,60	QPT16B3-017
18	157,00	146,28	120	25	100	9,84	QPT16B3-018
19	165,20	154,33	128	25	100	11,16	QPT16B3-019
20	173,20	162,38	130	25	100	12,36	QPT16B3-020
21	181,20	170,43	*130	25	100	13,56	QPT16B3-021
22	189,30	178,48	*130	25	100	14,82	QPT16B3-022
23	197,50	186,53	*130	25	100	16,15	QPT16B3-023
24	205,50	194,59	*130	25	100	17,53	QPT16B3-024
25	213,50	202,66	*130	25	100	18,99	QPT16B3-025
26	221,60	210,72	*130	30	100	20,34	QPT16B3-026
27	229,60	218,79	*130	30	100	21,92	QPT16B3-027
28	237,70	226,85	*130	30	100	23,57	QPT16B3-028
29	245,80	234,92	*130	30	100	25,27	QPT16B3-029
30	254,00	243,00	*130	30	100	27,05	QPT16B3-030
31	262,00	251,08	*140	30	100	29,23	QPT16B3-031
32	270,00	259,13	*140	30	100	31,13	QPT16B3-032
33	278,50	267,21	*140	30	100	33,10	QPT16B3-033
34	287,00	275,28	*140	30	100	35,13	QPT16B3-034
35	296,20	283,36	*140	30	100	37,23	QPT16B3-035
36	304,60	291,44	*140	30	100	39,39	QPT16B3-036
37	312,60	299,51	*140	30	100	41,65	QPT16B3-037
38	320,70	307,59	*140	30	100	43,90	QPT16B3-038
39	328,80	315,67	*140	30	100	46,29	QPT16B3-039
40	336,90	323,75	*140	30	100	48,67	QPT16B3-040
45	377,10	364,12	*160	30	100	63,94	QPT16B3-045
50	417,40	404,52	*160	30	100	80,00	QPT16B3-050
57	474,00	461,08	*180	30	110	103,03	QPT16B3-057
76	627,00	614,64	*180	30	110	181,86	QPT16B3-076
95	781,10	768,22	*180	30	110	283,85	QPT16B3-095
114	934,30	921,81	*180	30	110	385,84	QPT16B3-114

Material	Steel C45 (Fe360B with Z ≥ 21)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

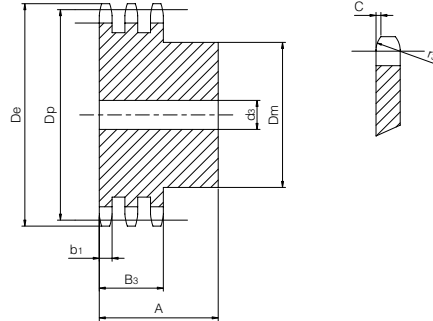
Triplex sprocket

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 ϕ	19,05



Z	De [mm]	Dp [mm]	Dm [mm]	d3 [mm]	A [mm]	W [kg]	Part number
8	98,10	82,96	53	20	110	2,15	QPT20B3-008
9	108,00	92,84	63	20	110	3,05	QPT20B3-009
10	117,90	102,74	70	20	110	4,04	QPT20B3-010
11	127,80	112,68	80	20	115	5,19	QPT20B3-011
12	137,80	122,68	90	20	115	6,55	QPT20B3-012
13	147,80	132,65	100	20	115	8,06	QPT20B3-013
14	157,80	142,68	110	20	115	9,71	QPT20B3-014
15	167,90	152,72	120	20	115	11,50	QPT20B3-015
16	177,90	162,75	120	25	115	13,06	QPT20B3-016
17	187,90	172,78	120	25	115	14,65	QPT20B3-017
18	198,00	182,85	*120	25	115	16,54	QPT20B3-018
19	208,10	192,91	*120	25	115	18,45	QPT20B3-019
20	218,10	202,98	*120	25	115	20,48	QPT20B3-020
21	228,20	213,04	*140	25	115	23,38	QPT20B3-021
22	238,30	223,11	*140	25	115	25,64	QPT20B3-022
23	248,30	233,17	*140	25	115	28,00	QPT20B3-023
24	258,40	243,23	*140	25	115	30,49	QPT20B3-024
25	268,50	253,33	*140	25	115	33,09	QPT20B3-025
26	278,60	263,40	*150	25	115	36,23	QPT20B3-026
27	288,60	273,49	*150	25	115	39,06	QPT20B3-027
28	298,70	283,56	*150	25	115	42,00	QPT20B3-028
29	308,80	293,65	*150	25	115	45,12	QPT20B3-029
30	318,90	303,75	*150	25	115	48,23	QPT20B3-030
31	329,00	313,85	*150	30	115	51,57	QPT20B3-031
32	339,10	323,91	*150	30	115	54,91	QPT20B3-032
33	349,20	334,01	*150	30	115	58,49	QPT20B3-033
34	359,30	344,10	*150	30	115	62,06	QPT20B3-034
35	369,40	354,20	*150	30	115	65,80	QPT20B3-035
36	379,50	364,30	*150	30	115	69,66	QPT20B3-036
37	389,50	374,39	*150	30	115	73,69	QPT20B3-037
38	399,60	384,49	*150	30	115	77,72	QPT20B3-038
39	409,70	394,59	*150	30	115	81,98	QPT20B3-039
40	419,80	404,69	*150	30	115	86,24	QPT20B3-040

Material	Steel C45 (Fe360B with Z ≥ 18)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

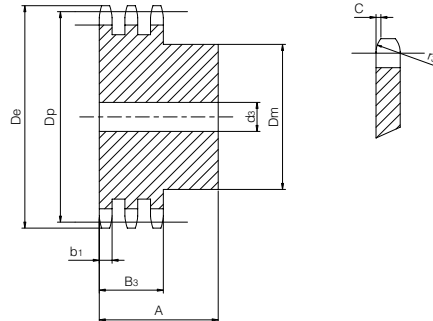
Triplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 24B-3 Pitch 1" 1/2 x 1"



SPROCKET	[mm]
Tooth radius r_3	38
Radius width C	4
Tooth width b_1	23,6
Tooth width B_3	120,3
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller ϕ	25,4



Z	De [mm]	Dp [mm]	Dm [mm]	d3 [mm]	A [mm]	W [kg]	Part number
8	115,00	99,55	58	25	140	4,00	QPT24B3-008
9	126,40	111,40	70	25	140	5,62	QPT24B3-009
10	138,00	123,29	80	25	140	7,45	QPT24B3-010
11	150,00	135,21	90	25	150	9,73	QPT24B3-011
12	162,00	147,22	102	25	150	12,24	QPT24B3-012
13	174,20	159,18	114	25	150	15,02	QPT24B3-013
14	186,20	171,22	128	25	150	18,16	QPT24B3-014
15	198,20	183,26	132	25	150	21,09	QPT24B3-015
16	210,30	195,30	*136	25	150	24,25	QPT24B3-016
17	222,30	207,34	*140	25	150	27,42	QPT24B3-017
18	234,30	219,42	*150	25	150	32,12	QPT24B3-018
19	246,50	231,49	*160	25	150	35,74	QPT24B3-019
20	258,60	243,57	*160	25	150	39,57	QPT24B3-020
21	270,60	255,65	*160	30	150	42,98	QPT24B3-021
22	282,70	267,73	*160	30	150	47,25	QPT24B3-022
23	294,80	279,80	*160	30	150	51,74	QPT24B3-023
24	306,80	291,88	*160	30	150	56,44	QPT24B3-024
25	319,00	304,00	*160	30	150	61,37	QPT24B3-025
26	331,00	316,08	*160	30	150	66,52	QPT24B3-026
27	343,20	328,19	*160	30	150	71,88	QPT24B3-027
28	355,20	340,27	*160	30	150	77,46	QPT24B3-028
29	367,30	352,38	*160	30	150	83,37	QPT24B3-029
30	379,50	364,50	*160	40	150	89,28	QPT24B3-030
31	391,60	376,62	*160	40	150	95,63	QPT24B3-031
32	403,70	388,69	*160	40	150	101,97	QPT24B3-032
33	415,80	400,81	*160	40	150	108,86	QPT24B3-033
34	427,80	412,93	*160	40	150	115,75	QPT24B3-034
35	440,00	425,04	*160	40	150	122,64	QPT24B3-035
36	452,00	437,16	*160	40	150	130,19	QPT24B3-036
37	464,20	449,27	*160	40	150	137,73	QPT24B3-037
38	476,20	461,39	*160	40	150	145,28	QPT24B3-038
39	488,50	473,50	*160	40	150	153,37	QPT24B3-039
40	500,60	485,62	*160	40	150	161,46	QPT24B3-040

Material	Steel C45 (Fe360B with Z ≥ 16)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

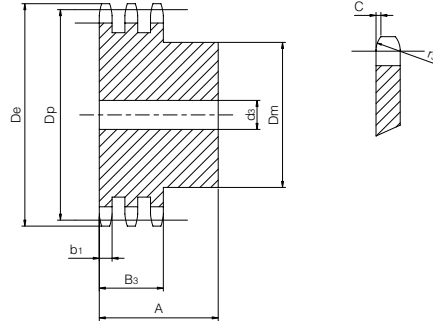
Triplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 28B-3 Pitch 1"3/4 x 1"1/4

SPROCKET	[mm]
Tooth radius r_3	44
Radius width C	5
Tooth width b_1	28,8
Tooth width B_3	148
CHAIN	[mm]
Pitch	44,45
Internal width	30,99
Roller ϕ	27,94



Z	De [mm]	Dp [mm]	Dm [mm]	d3 [mm]	A [mm]	W [kg]	Part number
8	132,00	116,15	74	30	180	7,04	QPT28B3-008
9	148,40	129,96	88	30	180	9,89	QPT28B3-009
10	162,30	143,85	100	30	180	13,10	QPT28B3-010
11	176,30	157,77	112	30	180	16,73	QPT28B3-011
12	189,50	171,74	125	30	180	20,84	QPT28B3-012
13	204,20	185,74	*125	30	180	24,70	QPT28B3-013
14	218,20	199,76	*125	30	180	28,93	QPT28B3-014
15	232,30	213,79	*145	30	180	34,58	QPT28B3-015
16	246,30	227,84	*160	30	180	40,44	QPT28B3-016
17	260,00	241,91	*160	30	180	45,77	QPT28B3-017
18	274,00	255,98	*160	30	180	51,76	QPT28B3-018
19	289,00	270,06	*180	30	180	58,07	QPT28B3-019
20	303,00	284,15	*180	30	180	64,49	QPT28B3-020
21	317,00	298,24	*180	30	180	71,28	QPT28B3-021
22	331,00	312,34	*180	30	180	78,61	QPT28B3-022
23	345,00	326,44	*180	30	180	85,94	QPT28B3-023
24	359,00	340,55	*180	30	180	99,01	QPT28B3-024
25	373,00	354,66	*180	40	180	112,07	QPT28B3-025
26	387,00	368,77	*180	40	180	119,41	QPT28B3-026
27	401,40	382,88	*180	40	180	126,76	QPT28B3-027
28	416,00	397,00	*180	40	180	134,10	QPT28B3-028
29	430,00	411,12	*180	40	180	141,45	QPT28B3-029
30	444,00	425,24	*180	40	180	148,79	QPT28B3-030
31	458,00	439,37	*180	40	180	180,53	QPT28B3-031
35	514,00	495,88	*200	40	180	212,27	QPT28B3-035
38	557,00	538,27	*200	40	180	244,01	QPT28B3-038
40	585,00	566,54	*200	40	180	271,10	QPT28B3-040

Material	Steel C45 (Fe360B with Z ≥ 13)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

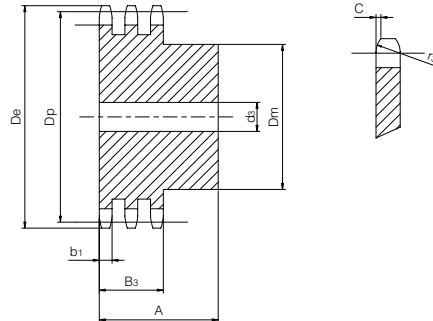
Triplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 32B-3 Pitch 2" x 1 1/4

SPROCKET	[mm]
Tooth radius r_3	51
Radius width C	6
Tooth width b_1	28,8
Tooth width B_3	146
CHAIN	[mm]
Pitch	50,8
Internal width	30,99
Roller ϕ	29,21



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_3 [mm]	A [mm]	W [kg]	Part number
8	153,00	132,69	82	30	180	9,90	QPT32B3-008
9	169,00	148,54	88	30	180	13,65	QPT32B3-009
10	185,00	164,44	104	30	180	17,97	QPT32B3-010
11	200,80	180,34	120	30	180	22,22	QPT32B3-011
12	216,80	196,29	*133	30	180	27,23	QPT32B3-012
13	232,80	212,29	*145	30	180	32,98	QPT32B3-013
14	248,80	228,29	*145	30	180	38,50	QPT32B3-014
15	264,80	244,30	*160	30	180	45,04	QPT32B3-015
16	280,90	260,40	*160	30	180	51,50	QPT32B3-016
17	296,90	276,40	*180	30	180	61,45	QPT32B3-017
18	313,00	292,55	*180	30	180	68,85	QPT32B3-018
19	329,10	308,66	*200	30	180	76,73	QPT32B3-019
20	345,20	324,71	*200	30	180	85,07	QPT32B3-020
21	361,30	340,82	*200	40	180	93,89	QPT32B3-021
22	377,50	356,98	*200	40	180	103,41	QPT32B3-022
23	393,60	373,08	*200	40	180	112,93	QPT32B3-023
24	409,70	389,18	*200	40	180	123,40	QPT32B3-024
25	425,80	405,33	*200	40	180	133,86	QPT32B3-025
26	441,90	421,44	*200	40	180	149,00	QPT32B3-026
27	458,10	437,59	*200	40	180	164,14	QPT32B3-027
28	474,20	453,69	*200	40	180	179,28	QPT32B3-028
30	506,50	486,00	*200	40	180	194,42	QPT32B3-030

ISO triplex sprockets

Material	Steel C45 (Fe360B with $Z \geq 12$)
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

* = possibility of receiving the sprocket with the hub welded on.

ES ELITESYSTEM® SIMPLEX, DUPLEX
AND TRIPLEX SPROCKETS FOR SER-SIT®
TAPER BUSHING ISO SERIES



DRIVE
SOLUTIONS

The background of the page features a close-up photograph of several metallic sprockets and a taper bushing. The sprockets are arranged in a way that shows their teeth and central holes. The taper bushing is a cylindrical component with a threaded section. The overall color scheme is a mix of light blue and white.

SPROCKETS FOR TAPER BUSHING

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ES ELITESYSTEM® SIMPLEX SPROCKETS FOR SER-SIT® TAPER BUSHING

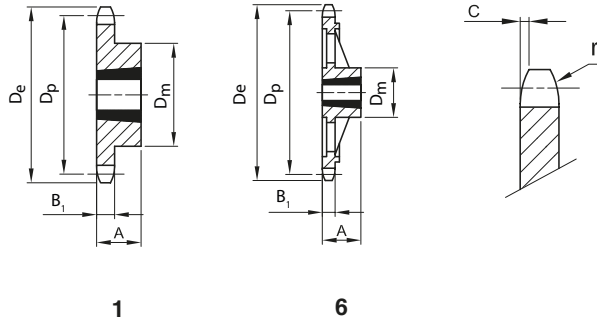


Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 06B-1 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width B_1	5,3
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller ϕ	6,35



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
17	55,5	51,83	45	22	1008	1	0,11	QPBS06B1-017
18	58,6	54,85	45	22	1008	1	0,14	QPBS06B1-018
19	61,6	57,86	45	22	1008	1	0,15	QPBS06B1-019
20	64,6	60,89	46	22	1008	1	0,16	QPBS06B1-020
21	67,6	63,90	46	22	1008	1	0,18	QPBS06B1-021
22	70,6	66,93	55	22	1108	1	0,25	QPBS06B1-022
23	73,7	69,95	63	25	1210	1	0,27	QPBS06B1-023
24	76,7	72,97	63	25	1210	1	0,30	QPBS06B1-024
25	79,7	75,99	63	25	1210	1	0,32	QPBS06B1-025
26	82,7	79,02	63	25	1210	1	0,33	QPBS06B1-026
27	85,7	82,04	63	25	1210	1	0,34	QPBS06B1-027
28	88,8	85,07	63	25	1210	1	0,37	QPBS06B1-028
30	94,8	91,12	63	25	1210	1	0,39	QPBS06B1-030
38	119,0	115,34	70	25	1210	1	0,65	QPBS06B1-038
45	141,1	136,54	70	25	1210	1	1,01	QPBS06B1-045
57*	177,5	172,91	83	25	1210	6	1,34	QPBS06B1-057
76*	235,1	230,49	83	25	1210	6	1,84	QPBS06B1-076

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

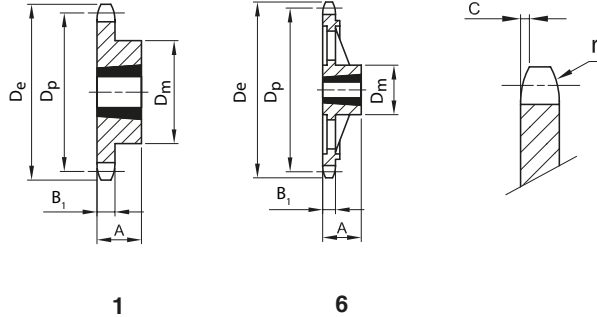
Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 08B-1 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width B_1	7,2
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	65,9	61,09	45	22	1008	1	0,16	QPBS08B1-015
16	69,9	65,10	50	22	1108	1	0,20	QPBS08B1-016
17	74,0	69,11	60	25	1210	1	0,22	QPBS08B1-017
18	78,0	73,14	60	25	1210	1	0,27	QPBS08B1-018
19	82,0	77,16	63	25	1210	1	0,33	QPBS08B1-019
20	86,0	81,19	67	25	1610	1	0,27	QPBS08B1-020
21	90,1	85,22	71	25	1610	1	0,36	QPBS08B1-021
22	94,1	89,24	71	25	1610	1	0,36	QPBS08B1-022
23	98,1	93,27	76	25	1610	1	0,50	QPBS08B1-023
24	102,1	97,29	76	25	1610	1	0,53	QPBS08B1-024
25	106,2	101,33	76	25	1610	1	0,56	QPBS08B1-025
26	110,2	105,36	76	25	1610	1	0,60	QPBS08B1-026
27	114,2	109,40	76	25	1610	1	0,63	QPBS08B1-027
28	118,3	113,42	90	32	2012	1	0,77	QPBS08B1-028
30	126,3	121,50	90	32	2012	1	0,91	QPBS08B1-030
38	158,6	153,80	90	32	2012	1	1,25	QPBS08B1-038
45	188,6	182,07	111	32	2012	1	1,68	QPBS08B1-045
57*	237,1	230,54	111	32	2012	6	2,78	QPBS08B1-057
76*	313,9	307,33	111	32	2012	6	3,81	QPBS08B1-076

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

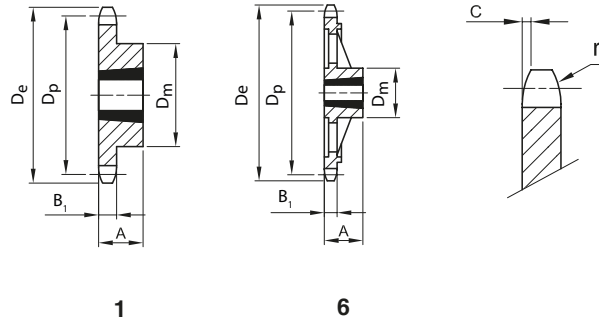
Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 10B-1 Pitch 5/8" x 3/8"

SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width B_1	9,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
13	73,2	66,33	47	22	1008	1	0,23	QPBS10B1-013
14	78,2	71,34	52	22	1108	1	0,27	QPBS10B1-014
15	83,2	76,35	60	25	1210	1	0,30	QPBS10B1-015
16	88,3	81,37	63	25	1210	1	0,38	QPBS10B1-016
17	93,3	86,39	71	25	1610	1	0,38	QPBS10B1-017
18	98,3	91,42	71	25	1610	1	0,43	QPBS10B1-018
19	103,3	96,44	75	25	1610	1	0,54	QPBS10B1-019
20	108,4	101,49	76	25	1610	1	0,61	QPBS10B1-020
21	113,4	106,51	76	25	1610	1	0,65	QPBS10B1-021
22	118,4	111,55	76	25	1610	1	0,72	QPBS10B1-022
23	123,5	116,58	76	25	1610	1	0,77	QPBS10B1-023
24	128,5	121,62	90	32	2012	1	0,98	QPBS10B1-024
25	133,6	126,66	90	32	2012	1	1,05	QPBS10B1-025
26	138,6	131,70	90	32	2012	1	1,11	QPBS10B1-026
27	143,6	136,74	90	32	2012	1	1,17	QPBS10B1-027
28	148,7	141,78	90	32	2012	1	1,29	QPBS10B1-028
30	158,8	151,87	90	32	2012	1	1,40	QPBS10B1-030
38	199,1	192,23	100	32	2012	1	2,43	QPBS10B1-038
45	236,0	227,58	111	32	2012	1	3,55	QPBS10B1-045
57*	296,6	288,18	111	32	2012	6	4,28	QPBS10B1-057
76*	392,5	384,16	111	32	2012	6	5,95	QPBS10B1-076

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

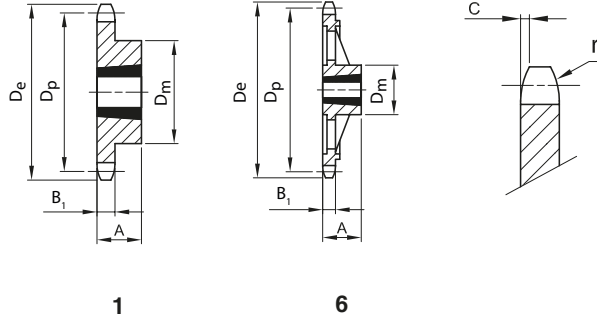
Simplex sprocket for SER-SIT® taper bushing

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

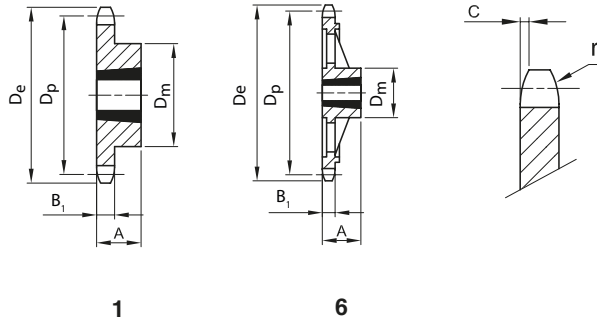
Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 16B-1 Pitch 1" x 17,02 mm

SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width B_1	16,2
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
13	117,7	106,13	73	38	1615	1	0,98	QPBS16B1-013
14	125,7	114,15	75	38	1615	1	1,14	QPBS16B1-014
15	133,7	122,16	76	38	1615	1	1,30	QPBS16B1-015
16	141,8	130,20	90	32	2012	1	1,40	QPBS16B1-016
17	149,8	138,23	90	32	2012	1	1,59	QPBS16B1-017
18	157,8	146,28	108	44	2517	1	2,10	QPBS16B1-018
19	165,9	154,31	110	44	2517	1	2,29	QPBS16B1-019
20	173,9	162,38	110	44	2517	1	2,60	QPBS16B1-020
21	182,0	170,42	110	44	2517	1	2,81	QPBS16B1-021
22	190,1	178,48	110	44	2517	1	3,10	QPBS16B1-022
23	198,1	186,53	110	44	2517	1	3,38	QPBS16B1-023
24	206,2	194,59	110	44	2517	1	3,70	QPBS16B1-024
25	214,2	202,66	110	44	2517	1	3,97	QPBS16B1-025
26	222,3	210,72	110	44	2517	1	4,26	QPBS16B1-026
27	230,4	218,79	110	44	2517	1	4,55	QPBS16B1-027
28	238,4	226,85	110	44	2517	1	5,26	QPBS16B1-028
30	254,6	242,99	120	44	2517	1	5,97	QPBS16B1-030
38	319,2	307,59	160	51	3020	1	8,73	QPBS16B1-038
45	377,9	364,12	160	51	3020	1	12,49	QPBS16B1-045
57*	474,9	461,07	160	51	3020	6	13,87	QPBS16B1-057
76*	628,4	614,65	160	51	3020	6	22,63	QPBS16B1-076

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

ISO simplex sprockets for bushing

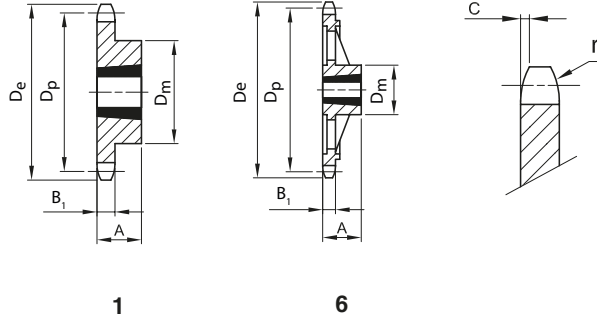
Simplex sprocket for SER-SIT® taper bushing

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 ϕ	19,05



Z	De [mm]	Dp [mm]	Dm [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
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

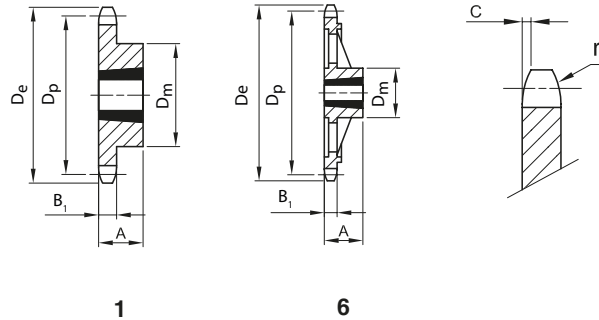
Simplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 24B-1 Pitch 1"1/2 x 1"

SPROCKET	[mm]
Tooth radius r_3	38
Radius width C	4
Tooth width B_1	24,1
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller ϕ	25,4



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
11	149,0	135,21	90	32	2012	1	1,70	QPBS24B1-011
12	161,0	147,22	90	32	2012	1	2,16	QPBS24B1-012
13	173,0	159,18	110	44	2517	1	2,77	QPBS24B1-013
14	185,0	171,22	120	44	2517	1	3,60	QPBS24B1-014
15	197,0	183,26	120	44	2517	1	4,20	QPBS24B1-015
17	221,0	207,34	140	51	3020	1	5,40	QPBS24B1-017
18	233,0	219,42	140	51	3020	1	6,10	QPBS24B1-018
19	245,5	231,49	140	51	3020	1	6,85	QPBS24B1-019
20	257,5	243,57	140	51	3020	1	7,76	QPBS24B1-020
21	270,5	255,65	140	51	3020	1	8,52	QPBS24B1-021
23	294,5	279,80	160	51	3020	1	11,31	QPBS24B1-023
25	319,0	304,00	160	51	3020	1	13,33	QPBS24B1-025
30	379,5	364,50	160	51	3020	1	19,00	QPBS24B1-030
38*	476,5	461,39	160	76	3030	6	24,00	QPBS24B1-038
57*	707,5	691,63	160	76	3030	6	45,00	QPBS24B1-057
76*	939,0	921,98	175	89	3535	6	70,00	QPBS24B1-076

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

ES ELITESYSTEM® DUPLEX SPROCKETS FOR SER-SIT® TAPER BUSHING

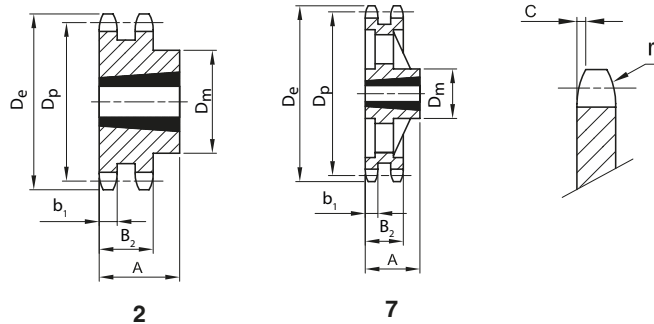


Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 06B-2 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width b_1	5,2
Tooth width B_2	15,4
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller \varnothing	6,35



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
17	55,5	51,83	41	22	1008	2	0,11	QPBD06B2-017
18	58,6	54,85	43	22	1008	2	0,15	QPBD06B2-018
19	61,6	57,86	46	22	1008	2	0,18	QPBD06B2-019
20	64,6	60,89	48	22	1008	2	0,22	QPBD06B2-020
21	67,6	63,90	49	22	1008	2	0,16	QPBD06B2-021
22	70,6	66,93	52	22	1108	2	0,28	QPBD06B2-022
23	73,7	69,95	59	25	1210	2	0,27	QPBD06B2-023
24	76,7	72,97	61	25	1210	2	0,32	QPBD06B2-024
25	79,7	75,99	64	25	1210	2	0,37	QPBD06B2-025
26	82,7	79,02	65	25	1210	2	0,44	QPBD06B2-026
27	85,7	82,04	70	25	1210	2	0,50	QPBD06B2-027
28	88,8	85,07	70	25	1210	2	0,57	QPBD06B2-028
30	94,8	91,12	75	25	1210	2	0,68	QPBD06B2-030
38	119,0	115,34	80	25	1610	2	1,03	QPBD06B2-038
57*	177,5	172,91	90	25	1610	7	1,16	QPBD06B2-057
76*	235,1	230,49	90	25	1610	7	2,19	QPBD06B2-076

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

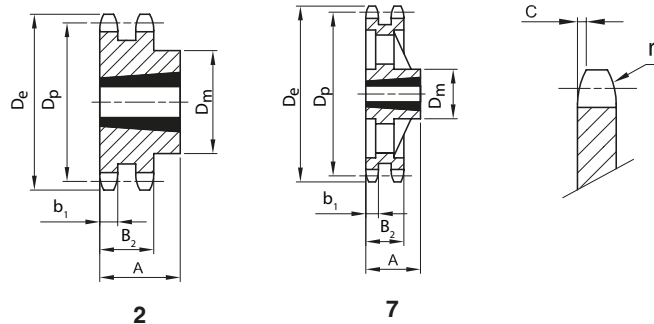
Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 08B-2 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width b_1	7
Tooth width B_2	21
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	65,9	61,09	46	22	1008	2	0,22	QPBD08B2-015
16	69,9	65,10	50	22	1108	2	0,22	QPBD08B2-016
17	74,0	69,11	56	25	1210	2	0,23	QPBD08B2-017
18	78,0	73,14	60	25	1210	2	0,30	QPBD08B2-018
19	82,0	77,16	62	25	1210	2	0,38	QPBD08B2-019
20	86,0	81,19	66	25	1610	2	0,45	QPBD08B2-020
21	90,1	85,22	70	25	1610	2	0,50	QPBD08B2-021
22	94,1	89,24	76	25	1610	2	0,55	QPBD08B2-022
23	98,1	93,27	79	25	1610	2	0,62	QPBD08B2-023
24	102,1	97,29	84	32	2012	2	0,68	QPBD08B2-024
25	106,2	101,33	87	32	2012	2	0,72	QPBD08B2-025
26	110,2	105,36	87	32	2012	2	0,82	QPBD08B2-026
27	114,2	109,40	87	32	2012	2	0,92	QPBD08B2-027
28	118,3	113,42	87	32	2012	2	1,10	QPBD08B2-028
30	126,3	121,50	87	32	2012	2	1,24	QPBD08B2-030
38	158,6	153,80	100	32	2012	2	2,50	QPBD08B2-038
57*	237,1	230,54	111	32	2012	7	3,64	QPBD08B2-057
76*	313,9	307,33	111	32	2012	7	5,09	QPBD08B2-076

ISO duplex sprockets for bushing

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

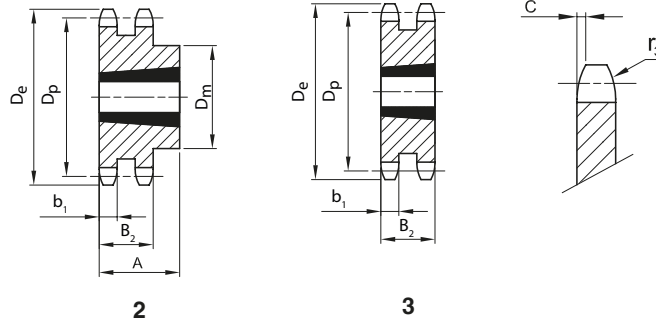
Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 10B-2 Pitch 5/8" x 3/8"



SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width b_1	9
Tooth width B_2	25,5
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	83,2	76,35	-	25,5	1210	3	0,38	QPBD10B2-015
16	88,3	81,37	-	25,5	1610	3	0,42	QPBD10B2-016
17	93,3	86,39	-	25,5	1610	3	0,47	QPBD10B2-017
18	98,3	91,42	-	25,5	1610	3	0,60	QPBD10B2-018
19	103,3	96,44	-	25,5	1610	3	0,72	QPBD10B2-019
20	108,4	101,49	-	25,5	1610	3	0,87	QPBD10B2-020
21	113,4	106,51	-	25,5	1610	3	1,01	QPBD10B2-021
22	118,4	111,55	-	25,5	1610	3	1,18	QPBD10B2-022
23	123,5	116,58	-	25,5	1610	3	1,35	QPBD10B2-023
24	128,5	121,62	90	32,0	2012	2	1,45	QPBD10B2-024
25	133,6	126,66	90	32,0	2012	2	1,55	QPBD10B2-025
26	138,6	131,70	90	32,0	2012	2	1,75	QPBD10B2-026
27	143,6	136,74	90	32,0	2012	2	1,98	QPBD10B2-027
28	148,7	141,78	90	32,0	2012	2	2,30	QPBD10B2-028
30	158,8	151,87	90	32,0	2012	2	2,63	QPBD10B2-030

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

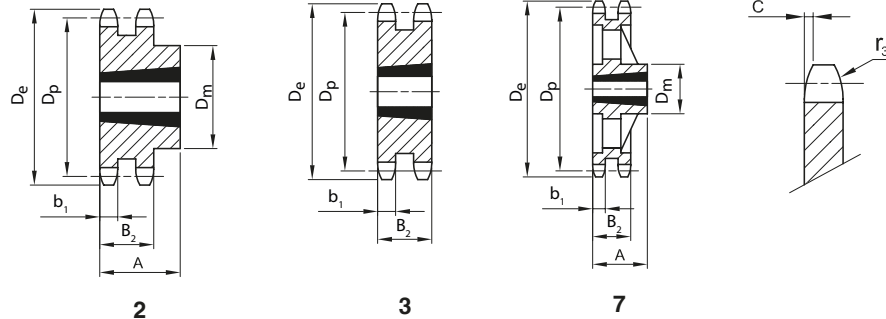
Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 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 \varnothing	12,07



Z	De [mm]	Dp [mm]	Dm [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
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

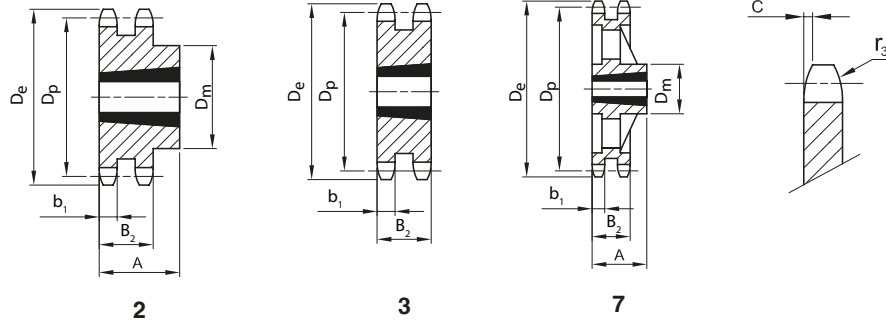
Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 16B-2 Pitch 1" x 17,02 mm



SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width b_1	15,8
Tooth width B_2	47,7
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	133,7	122,16	-	47,7	2012	3	2,11	QPBD16B2-015
16	141,8	130,20	-	47,7	2517	3	2,25	QPBD16B2-016
17	149,8	138,23	-	47,7	2517	3	2,53	QPBD16B2-017
18	157,8	146,28	-	47,7	2517	3	3,10	QPBD16B2-018
19	165,9	154,31	-	47,7	2517	3	3,80	QPBD16B2-019
20	173,9	162,38	-	47,7	2517	3	4,10	QPBD16B2-020
21	182,0	170,42	140	51,0	3020	2	4,15	QPBD16B2-021
22	190,1	178,48	140	51,0	3020	2	4,90	QPBD16B2-022
23	198,1	186,53	140	51,0	3020	2	5,69	QPBD16B2-023
24	206,2	194,59	140	51,0	3020	2	6,00	QPBD16B2-024
25	214,2	202,66	140	51,0	3020	2	6,38	QPBD16B2-025
26	222,3	210,72	140	51,0	3020	2	7,80	QPBD16B2-026
27	230,4	218,79	140	51,0	3020	2	9,27	QPBD16B2-027
28	238,4	226,85	140	51,0	3020	2	11,40	QPBD16B2-028
30	254,6	242,99	140	76,0	3030	2	13,50	QPBD16B2-030
38*	319,2	307,59	160	76,0	3030	7	14,94	QPBD16B2-038
45*	377,9	364,12	160	76,0	3030	7	19,80	QPBD16B2-045
57*	474,9	461,07	175	89,0	3535	7	22,00	QPBD16B2-057
76*	628,4	614,65	175	89,0	3535	7	37,00	QPBD16B2-076

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

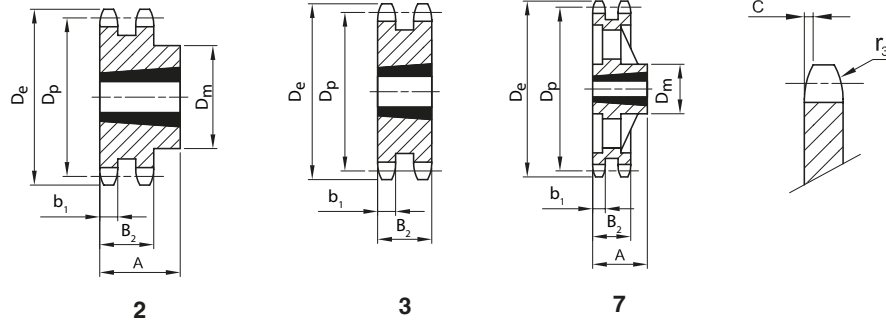
Duplex sprocket for SER-SIT® taper bushing

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

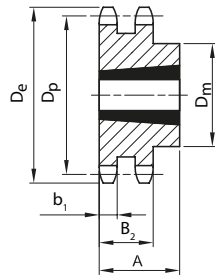
Duplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

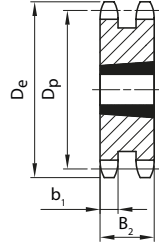
ISO 24B-2 Pitch 1"1/2 x 1"



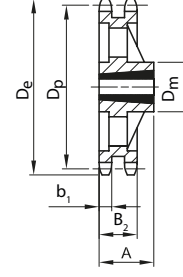
SPROCKET	[mm]
Tooth radius r_3	38
Radius width C	4
Tooth width b_1	23,6
Tooth width B_2	72
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller \varnothing	25,4



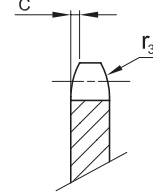
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3



7



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
13	173,0	159,18	-	72	2517	3	5,30	QPBD24B2-013
15	197,0	183,26	-	72	3020	3	6,60	QPBD24B2-015
17	221,0	207,34	-	72	3020	3	10,30	QPBD24B2-017
19	245,5	231,49	160	76	3030	2	14,80	QPBD24B2-019
21	270,5	255,65	160	76	3030	2	19,50	QPBD24B2-021
23	294,5	279,80	175	89	3535	2	24,00	QPBD24B2-023
25	319,0	304,00	175	89	3535	2	29,00	QPBD24B2-025
30	379,5	364,50	175	89	3535	2	40,00	QPBD24B2-030
38*	476,5	461,39	175	89	3535	7	44,00	QPBD24B2-038
57*	707,5	691,63	175	89	3535	7	72,00	QPBD24B2-057
76*	939,0	921,98	216	102	4040	7	107,00	QPBD24B2-076

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

ES ELITESYSTEM® TRIPLEX SPROCKETS FOR SER-SIT® TAPER BUSHING

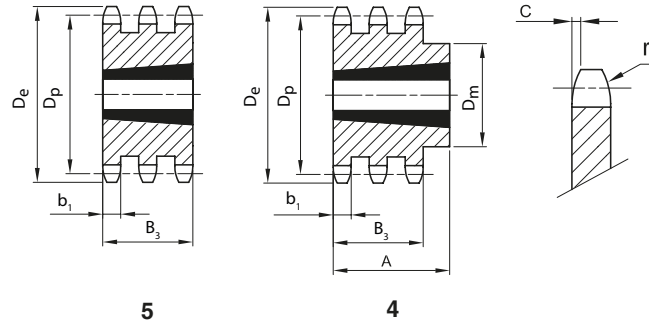


Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606

ISO 06B-3 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width b_1	5,2
Tooth width B_3	25,6
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller \varnothing	6,35



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
17	55,5	51,83	-	25,6	1008	5	0,15	QPBT06B3-017
19	61,6	57,86	-	25,6	1008	5	0,24	QPBT06B3-019
21	67,6	63,90	-	25,6	1008	5	0,34	QPBT06B3-021
23	73,7	69,95	-	25,6	1210	5	0,30	QPBT06B3-023
25	79,7	75,99	-	25,6	1210	5	0,41	QPBT06B3-025
27	85,7	82,04	-	25,6	1210	5	0,55	QPBT06B3-027
30	94,8	91,12	79	38,0	1615	4	0,88	QPBT06B3-030
38	119,0	115,34	90	38,0	1615	4	1,75	QPBT06B3-038

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

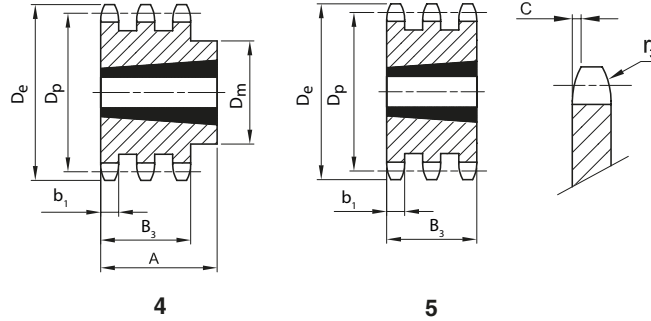
Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 08B-3 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width b_1	7
Tooth width B_3	34,9
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller \varnothing	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	65,9	61,09	-	34,9	1008	5	0,36	QPBT08B3-015
17	74,0	69,11	-	34,9	1210	5	0,35	QPBT08B3-017
19	82,0	77,16	62	38,0	1215	4	0,61	QPBT08B3-019
21	90,1	85,22	70	38,0	1615	4	0,65	QPBT08B3-021
23	98,1	93,27	70	38,0	1615	4	0,93	QPBT08B3-023
25	106,2	101,33	-	34,9	2012	5	0,85	QPBT08B3-025
27	114,2	109,40	-	34,9	2012	5	1,18	QPBT08B3-027
30	126,3	121,50	-	34,9	2012	5	1,73	QPBT08B3-030
38	158,6	153,80	-	34,9	2012	5	3,53	QPBT08B3-038

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

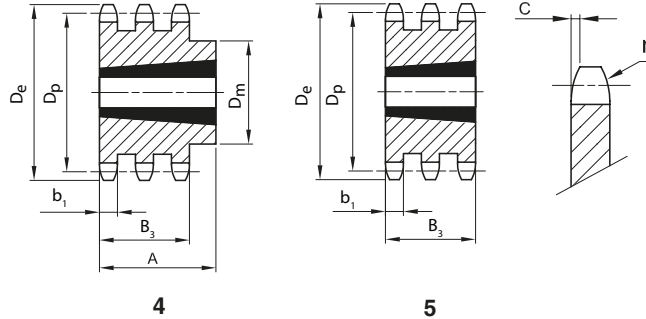
Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 10B-3 Pitch 5/8" x 3/8"

SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width b_1	9
Tooth width B_3	42,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller \varnothing	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	83,2	76,35	-	42,1	1215	5	0,63	QPBT10B3-015
17	93,3	86,39	-	42,1	1215	5	1,01	QPBT10B3-017
19	103,3	96,44	-	42,1	1615	5	1,19	QPBT10B3-019
21	113,4	106,51	-	42,1	1615	5	1,66	QPBT10B3-021
23	123,5	116,58	-	42,1	2012	5	1,78	QPBT10B3-023
25	133,6	126,66	105	44,0	2517	4	1,81	QPBT10B3-025
27	143,6	136,74	110	44,0	2517	4	2,45	QPBT10B3-027
30	158,8	151,87	120	44,0	2517	4	3,54	QPBT10B3-030

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

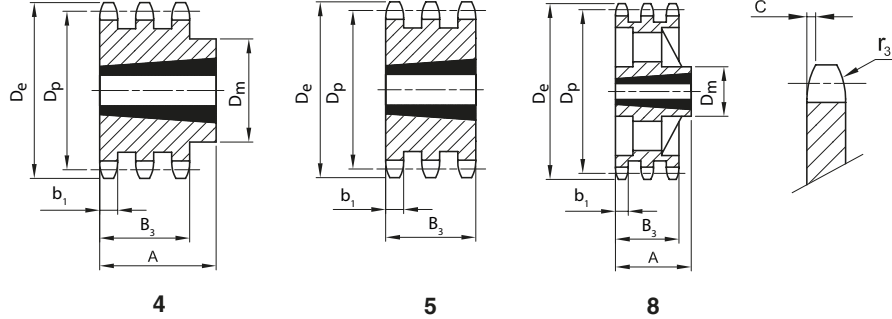
Triplex sprocket for SER-SIT® taper bushing

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



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	-	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
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weight

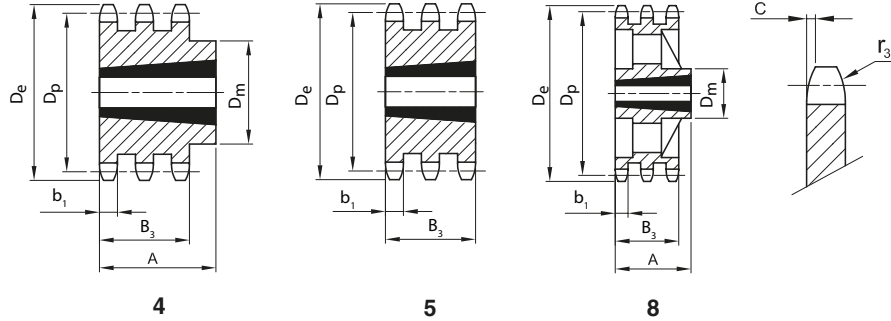
Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 16B-3 Pitch 1" x 17,02"

SPROCKET		[mm]
Tooth radius r_3	26	
Radius width C	2,5	
Tooth width b_1	15,8	
Tooth width B_3	79,6	
CHAIN		[mm]
Pitch	25,4	
Internal width	17,02	
Roller \varnothing	15,88	



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
17	149,8	138,23	-	79,6	2517	5	4,29	QPBT16B3-017
19	165,9	154,31	-	79,6	3030	5	4,36	QPBT16B3-019
21	182,0	170,42	-	79,6	3030	5	6,69	QPBT16B3-021
23	198,1	186,53	159	89,0	3535	4	7,80	QPBT16B3-023
25	214,2	202,66	175	89,0	3535	4	10,93	QPBT16B3-025
27	230,4	218,79	175	89,0	3535	4	14,06	QPBT16B3-027
30	254,6	242,99	175	89,0	3535	4	19,10	QPBT16B3-030
38*	319,2	307,59	175	89,0	3535	8	21,65	QPBT16B3-038
45*	377,9	364,12	175	89,0	3535	8	28,10	QPBT16B3-045
57*	474,9	461,07	216	102,0	4040	8	40,50	QPBT16B3-057
76*	628,4	614,65	216	102,0	4040	8	53,30	QPBT16B3-076

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

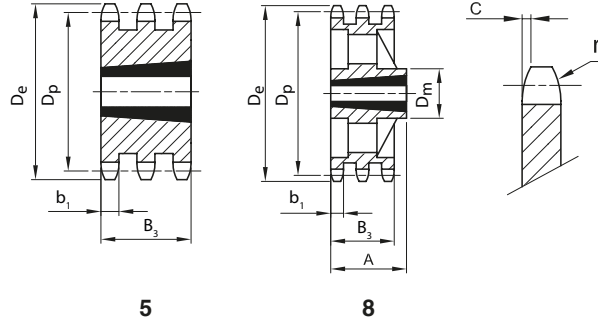
Triplex sprocket for SER-SIT® taper bushing

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

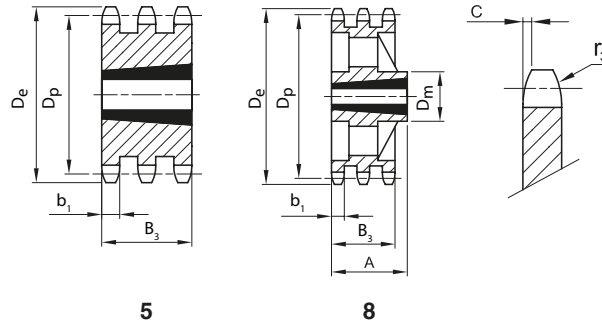
Triplex sprocket for SER-SIT® taper bushing

for chain according to DIN 8187 - ISO/R 606



ISO 24B-3 Pitch 1"1/2 x 1"

SPROCKET	[mm]
Tooth radius r_3	38
Radius width C	4
Tooth width b_1	23,6
Tooth width B_3	120,3
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller \varnothing	25,4



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	Fig.	W [kg]	Part Number
15	197,0	183,26	-	120,3	3030	5	20,00	QPBT24B3-015
17	221,0	207,34	-	120,3	3030	5	25,00	QPBT24B3-017
19	245,5	231,49	-	120,3	3535	5	30,00	QPBT24B3-019
21	270,5	255,65	-	120,3	4040	5	35,00	QPBT24B3-021
23	294,5	279,80	-	120,3	4040	5	44,00	QPBT24B3-023
25	319,0	304,00	-	120,3	4040	5	50,00	QPBT24B3-025
30	379,5	364,50	-	120,3	4040	5	60,00	QPBT24B3-030
38*	476,5	461,39	216	120,3	4040	8	66,00	QPBT24B3-038
57*	707,5	691,63	260	120,3	4545	8	120,00	QPBT24B3-057
76*	939,0	921,98	260	120,3	4545	8	131,00	QPBT24B3-076

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

ES ELITESYSTEM® SIMPLEX SPROCKETS
FOR SER-SIT® TAPER BUSHING
HARDENED TEETH ISO SERIES



DRIVE
SOLUTIONS

SPROCKETS FOR TAPER BUSHING HARDENED TEETH



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ES ELITESYSTEM® SIMPLEX SPROCKETS FOR SER-SIT® TAPER BUSHES HARDENED TEETH

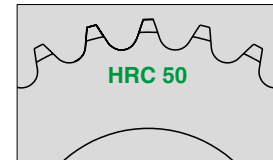
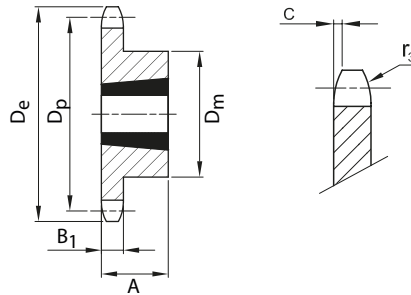


Simplex sprocket for SER-SIT® taper bushes hardened teeth

for chain according to DIN 8187 - ISO/R 606

ISO 06B-1 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width B_1	5,3
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller \varnothing	6,35



Z	D_e [mm]	D_p [mm]	D_m [mm]	A [mm]	SER-SIT® taper bushing	W [kg]	Part Number
17	55,5	51,83	45	22	1008	0,11	QPBHS06B1-017
19	61,6	57,86	45	22	1008	0,15	QPBHS06B1-019
21	67,6	63,90	46	22	1008	0,18	QPBHS06B1-021
23	73,7	69,95	63	25	1210	0,27	QPBHS06B1-023
25	79,7	75,99	63	25	1210	0,32	QPBHS06B1-025
27	85,7	82,04	63	25	1210	0,34	QPBHS06B1-027
30	94,8	91,12	63	25	1210	0,39	QPBHS06B1-030

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

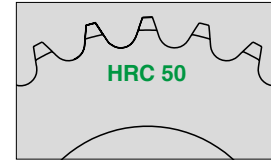
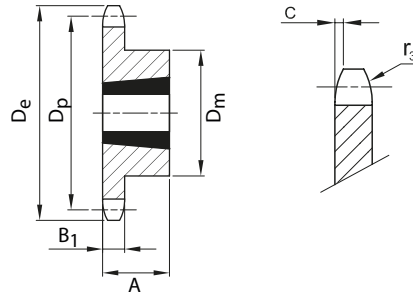
Simplex sprocket for SER-SIT® taper bushes hardened teeth

for chain according to DIN 8187 - ISO/R 606



ISO 08B-1 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width B_1	7,2
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller \varnothing	8,51



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	W [kg]	Part Number
15	65,9	61,09	45	22	1008	0,16	QPBHS08B1-015
17	74,0	69,11	60	25	1210	0,22	QPBHS08B1-017
19	82,0	77,16	63	25	1210	0,33	QPBHS08B1-019
21	90,1	85,22	71	25	1610	0,36	QPBHS08B1-021
23	98,9	93,27	76	25	1610	0,50	QPBHS08B1-023
25	106,7	101,32	76	25	1610	0,56	QPBHS08B1-025
27	114,8	109,39	76	25	1610	0,63	QPBHS08B1-027
30	126,9	121,49	90	32	2012	0,91	QPBHS08B1-030

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

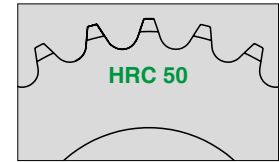
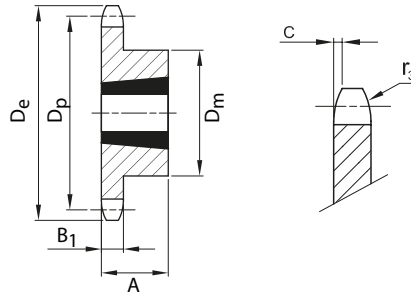
Simplex sprocket for SER-SIT® taper bushes hardened teeth

for chain according to DIN 8187 - ISO/R 606

ISO 10B-1 Pitch 5/8" x 3/8"



SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width B_1	9,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller \varnothing	10,16



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	W [kg]	Part Number
13	73,2	66,33	47	22	1008	0,23	QPBHS10B1-013
15	83,2	76,35	60	25	1210	0,30	QPBHS10B1-015
17	93,3	86,39	71	25	1610	0,38	QPBHS10B1-017
19	103,3	96,44	75	25	1610	0,54	QPBHS10B1-019
21	113,4	106,51	76	25	1610	0,65	QPBHS10B1-021
23	123,5	116,58	76	25	1610	0,77	QPBHS10B1-023
25	133,6	126,66	90	32	2012	1,05	QPBHS10B1-025
27	143,6	136,74	90	32	2012	1,17	QPBHS10B1-027
30	158,8	151,87	90	32	2012	1,40	QPBHS10B1-030

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

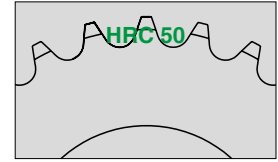
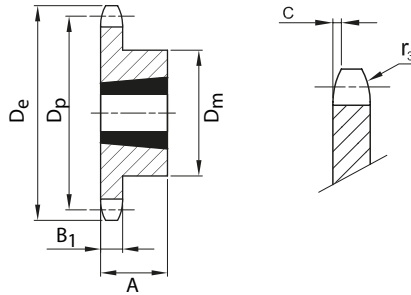
Simplex sprocket for SER-SIT® taper bushes hardened teeth

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

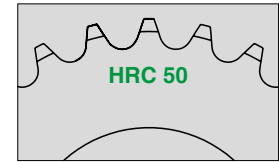
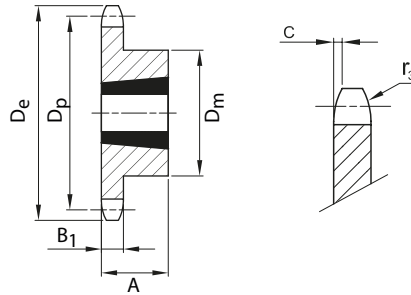
Simplex sprocket for SER-SIT® taper bushes hardened teeth

for chain according to DIN 8187 - ISO/R 606

ISO 16B-1 Pitch 1" x 17,02"



SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width B_1	16,2
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller \varnothing	15,88



Z	De [mm]	Dp [mm]	Dm [mm]	A [mm]	SER-SIT® taper bushing	W [kg]	Part Number
15	133,7	122,16	76	38	1615	1,30	QPBHS16B1-015
17	149,8	138,23	90	32	2012	1,59	QPBHS16B1-017
19	165,9	154,31	108	44	2517	2,29	QPBHS16B1-019
21	182,0	170,42	110	44	2517	2,81	QPBHS16B1-021
23	198,1	186,53	110	44	2517	3,38	QPBHS16B1-023
25	214,2	202,66	110	44	2517	3,97	QPBHS16B1-025
27	230,4	218,79	110	44	2517	4,55	QPBHS16B1-027
30	254,6	242,99	120	44	2517	5,97	QPBHS16B1-030

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

ISO hardened simplex sprockets for bushing

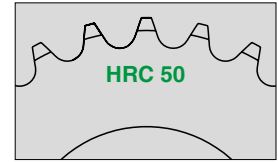
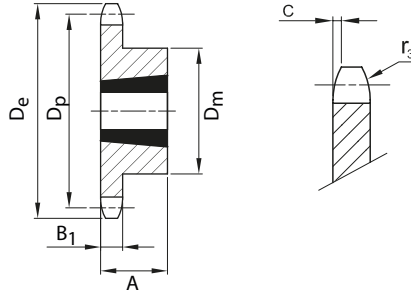
Simplex sprocket for SER-SIT® taper bushes hardened teeth

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 ϕ	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

**ES ELITESYSTEM® SIMPLEX SPROCKETS
WITH INDUCTION HARDENED TEETH
ISO SERIES**



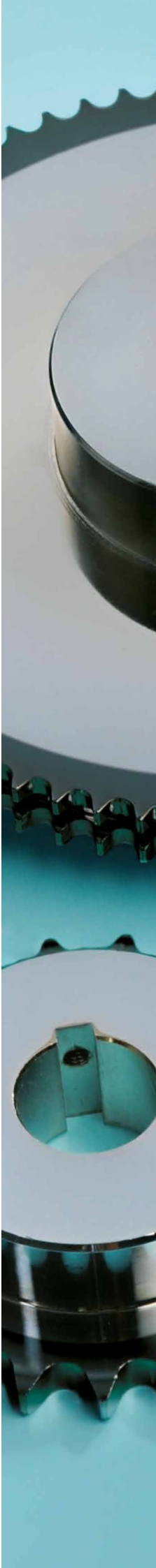
**DRIVE
SOLUTIONS**

**SPROCKETS WITH
FINISHED BORE**



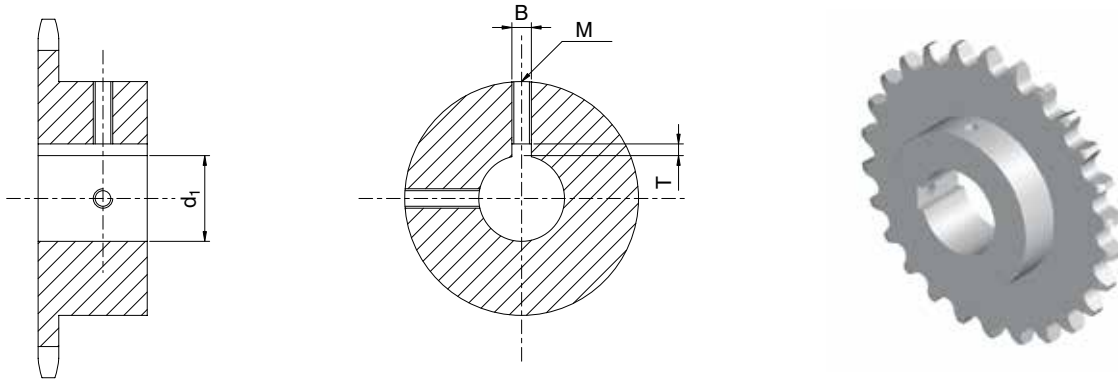
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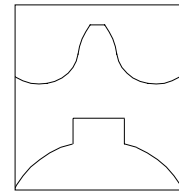


Simplex sprocket with induction hardened teeth, with finished bore, keyway and 2 set screws

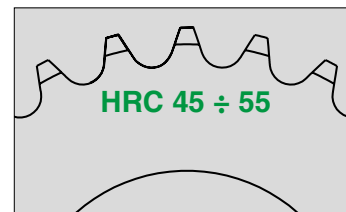
Bore size, keyway and set screw according to DIN 8187 - ISO/R 606



Ø bore d ₁ (H7)	B (H9)	T	M
10	4	1,8 (+0,10/0)	M3
11	4	1,8 (+0,10/0)	M3
12	4	1,8 (+0,10/0)	M3
14	5	2,3 (+0,10/0)	M4
16	5	2,3 (+0,10/0)	M4
18	6	2,8 (+0,10/0)	M5
19	6	2,8 (+0,10/0)	M5
20	6	2,8 (+0,10/0)	M5
22	6	2,8 (+0,10/0)	M5
24	8	3,3 (+0,20/0)	M6
25	8	3,3 (+0,20/0)	M6
28	8	3,3 (+0,20/0)	M6
30	8	3,3 (+0,20/0)	M6
32	10	3,3 (+0,20/0)	M8
35	10	3,3 (+0,20/0)	M8
38	10	3,3 (+0,20/0)	M8
40	12	3,3 (+0,20/0)	M10
42	12	3,3 (+0,20/0)	M10
45	14	3,8 (+0,20/0)	M12
48	14	3,8 (+0,20/0)	M12
50	14	3,8 (+0,20/0)	M12
60	18	4,4 (+0,20/0)	M12
65	18	4,4 (+0,20/0)	M12
70	20	4,9 (+0,20/0)	M12



The keyway seat is on axis with the tooth



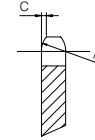
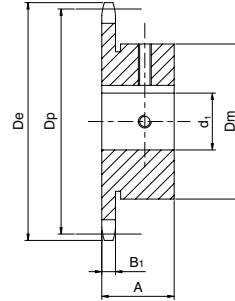
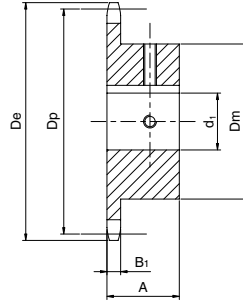
Simplex sprocket with induction hardened teeth and finished bore

According to DIN 8187 - ISO/R 606



ISO 06B-1 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width B_1	5,3
CHAIN	[mm]
Pitch	9,525
Internal width	5,72
Roller ϕ	6,35



Type = *

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
10	34	30,82	24	10	22	0,08	QPF06B1-010F10
	34	30,82	26	12	22	0,09	QPF06B1-010F12
	34	30,82	29	14	22	0,10	QPF06B1-010F14
11	37	33,8	24	10	25	0,10	QPF06B1-011F10
	37	33,8	26	12	25	0,11	QPF06B1-011F12
	37	33,8	*29	14	25	0,12	QPF06B1-011F14
	37	33,8	*31	16	25	0,12	QPF06B1-011F16
12	40	36,8	25	10	25	0,11	QPF06B1-012F10
	40	36,8	26	12	25	0,11	QPF06B1-012F12
	40	36,8	29	14	25	0,13	QPF06B1-012F14
	40	36,8	*30	15	25	0,13	QPF06B1-012F15
	40	36,8	*31	16	25	0,13	QPF06B1-012F16
13	43	39,79	28	10	25	0,14	QPF06B1-013F10
	43	39,79	28	12	25	0,13	QPF06B1-013F12
	43	39,79	29	14	25	0,13	QPF06B1-013F14
	43	39,79	31	15	25	0,14	QPF06B1-013F15
	43	39,79	31	16	25	0,14	QPF06B1-013F16
	43	39,79	*35	18	25	0,16	QPF06B1-013F18
14	46,3	42,8	31	12	25	0,17	QPF06B1-014F12
	46,3	42,8	31	14	25	0,16	QPF06B1-014F14
	46,3	42,8	31	15	25	0,15	QPF06B1-014F15
	46,3	42,8	31	16	25	0,15	QPF06B1-014F16
	46,3	42,8	35	18	25	0,17	QPF06B1-014F18
15	49,3	45,81	34	12	25	0,20	QPF06B1-015F12
	49,3	45,81	34	14	25	0,19	QPF06B1-015F14
	49,3	45,81	34	15	25	0,19	QPF06B1-015F15
	49,3	45,81	34	16	25	0,18	QPF06B1-015F16
	49,3	45,81	34	18	25	0,17	QPF06B1-015F18
	49,3	45,81	35	19	25	0,17	QPF06B1-015F19
	49,3	45,81	36	20	25	0,18	QPF06B1-015F20

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number	
16	52,3	48,82	37	12	28	0,26	QPF06B1-016F12	
	52,3	48,82	37	14	28	0,25	QPF06B1-016F14	
	52,3	48,82	37	15	28	0,24	QPF06B1-016F15	
	52,3	48,82	37	16	28	0,24	QPF06B1-016F16	
	52,3	48,82	37	18	28	0,23	QPF06B1-016F18	
	52,3	48,82	37	19	28	0,22	QPF06B1-016F19	
	52,3	48,82	37	20	28	0,21	QPF06B1-016F20	
	52,3	48,82	37	22	28	0,20	QPF06B1-016F22	
	52,3	48,82	42	24	28	0,24	QPF06B1-016F24	
	52,3	48,82	42	25	28	0,23	QPF06B1-016F25	
	17	55,3	51,83	40	12	28	0,30	QPF06B1-017F12
		55,3	51,83	40	14	28	0,29	QPF06B1-017F14
55,3		51,83	40	15	28	0,29	QPF06B1-017F15	
55,3		51,83	40	16	28	0,28	QPF06B1-017F16	
55,3		51,83	40	18	28	0,27	QPF06B1-017F18	
55,3		51,83	40	19	28	0,26	QPF06B1-017F19	
55,3		51,83	40	20	28	0,26	QPF06B1-017F20	
55,3		51,83	40	22	28	0,24	QPF06B1-017F22	
55,3		51,83	40	24	28	0,23	QPF06B1-017F24	
55,3		51,83	42	25	28	0,24	QPF06B1-017F25	
18		58,3	54,85	43	12	28	0,35	QPF06B1-018F12
		58,3	54,85	43	14	28	0,34	QPF06B1-018F14
	58,3	54,85	43	15	28	0,33	QPF06B1-018F15	
	58,3	54,85	43	16	28	0,33	QPF06B1-018F16	
	58,3	54,85	43	18	28	0,32	QPF06B1-018F18	
	58,3	54,85	43	19	28	0,31	QPF06B1-018F19	
	58,3	54,85	43	20	28	0,30	QPF06B1-018F20	
	58,3	54,85	43	22	28	0,29	QPF06B1-018F22	
	58,3	54,85	43	24	28	0,27	QPF06B1-018F24	
	58,3	54,85	43	25	28	0,26	QPF06B1-018F25	
	19	61,3	57,87	45	12	28	0,38	QPF06B1-019F12
		61,3	57,87	45	14	28	0,37	QPF06B1-019F14
61,3		57,87	45	15	28	0,37	QPF06B1-019F15	
61,3		57,87	45	16	28	0,36	QPF06B1-019F16	
61,3		57,87	45	18	28	0,35	QPF06B1-019F18	
61,3		57,87	45	19	28	0,35	QPF06B1-019F19	
61,3		57,87	45	20	28	0,34	QPF06B1-019F20	
61,3		57,87	45	22	28	0,32	QPF06B1-019F22	
61,3		57,87	45	24	28	0,31	QPF06B1-019F24	
61,3		57,87	45	25	28	0,30	QPF06B1-019F25	

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
20	64,3	60,89	46	12	28	0,41	QPF06B1-020F12
	64,3	60,89	46	14	28	0,40	QPF06B1-020F14
	64,3	60,89	46	16	28	0,39	QPF06B1-020F16
	64,3	60,89	46	18	28	0,38	QPF06B1-020F18
	64,3	60,89	46	19	28	0,37	QPF06B1-020F19
	64,3	60,89	46	20	28	0,36	QPF06B1-020F20
	64,3	60,89	46	22	28	0,35	QPF06B1-020F22
	64,3	60,89	46	24	28	0,33	QPF06B1-020F24
21	68	63,91	48	16	28	0,43	QPF06B1-021F16
	68	63,91	48	18	28	0,42	QPF06B1-021F18
	68	63,91	48	19	28	0,41	QPF06B1-021F19
	68	63,91	48	20	28	0,41	QPF06B1-021F20
	68	63,91	48	22	28	0,39	QPF06B1-021F22
	68	63,91	48	24	28	0,38	QPF06B1-021F24
	68	63,91	48	25	28	0,37	QPF06B1-021F25
	22	71	66,93	50	16	28	0,47
71		66,93	50	18	28	0,46	QPF06B1-022F18
71		66,93	50	19	28	0,46	QPF06B1-022F19
71		66,93	50	20	28	0,45	QPF06B1-022F20
71		66,93	50	22	28	0,43	QPF06B1-022F22
71		66,93	50	24	28	0,42	QPF06B1-022F24
71		66,93	50	25	28	0,41	QPF06B1-022F25
23	73,5	69,95	52	16	28	0,51	QPF06B1-023F16
	73,5	69,95	52	18	28	0,50	QPF06B1-023F18
	73,5	69,95	52	19	28	0,50	QPF06B1-023F19
	73,5	69,95	52	20	28	0,49	QPF06B1-023F20
	73,5	69,95	52	22	28	0,47	QPF06B1-023F22
	73,5	69,95	52	24	28	0,46	QPF06B1-023F24
	73,5	69,95	52	25	28	0,45	QPF06B1-023F25
24	77	72,97	54	16	28	0,56	QPF06B1-024F16
	77	72,97	54	18	28	0,55	QPF06B1-024F18
	77	72,97	54	19	28	0,54	QPF06B1-024F19
	77	72,97	54	20	28	0,54	QPF06B1-024F20
	77	72,97	54	22	28	0,52	QPF06B1-024F22
	77	72,97	54	24	28	0,51	QPF06B1-024F24
	77	72,97	54	25	28	0,50	QPF06B1-024F25
25	80	76,02	57	16	28	0,62	QPF06B1-025F16
	80	76,02	57	18	28	0,61	QPF06B1-025F18
	80	76,02	57	19	28	0,61	QPF06B1-025F19
	80	76,02	57	20	28	0,60	QPF06B1-025F20
	80	76,02	57	22	28	0,58	QPF06B1-025F22
	80	76,02	57	24	28	0,57	QPF06B1-025F24
	80	76,02	57	25	28	0,56	QPF06B1-025F25
	80	76,02	57	28	28	0,53	QPF06B1-025F28
80	76,02	57	30	28	0,51	QPF06B1-025F30	

Material	Steel C45
	*Ghisa EN-GJL-200
D _e	External diameter
D _p	Pitch diameter
D _m	Hub diameter
W	Weight

ISO sprocket with finished bore

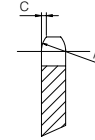
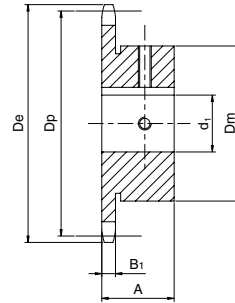
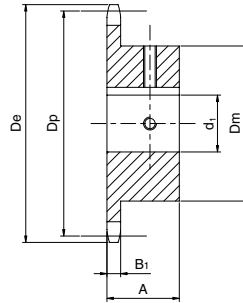
Simplex sprocket with induction hardened teeth and finished bore

According to DIN 8187 - ISO/R 606



ISO 08B1 Pitch 1/2" x 5/16"

SPROCKET		[mm]
Tooth radius r_3	13	
Radius width C	1,3	
Tooth width B_1	7,2	
CHAIN		[mm]
Pitch	12,7	
Internal width	7,75	
Roller ϕ	8,51	



Type = *

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
10	45,2	41,1	26	12	25	0,14	QPF08B1-010F12
	45,2	41,1	29	14	25	0,15	QPF08B1-010F14
	45,2	41,1	31	16	25	0,16	QPF08B1-010F16
11	48,7	45,07	29	12	25	0,18	QPF08B1-011F12
	48,7	45,07	29	14	25	0,17	QPF08B1-011F14
	48,7	45,07	31	16	25	0,17	QPF08B1-011F16
	48,7	45,07	34	18	25	0,18	QPF08B1-011F18
12	48,7	45,07	35	19	25	0,19	QPF08B1-011F19
	53	49,07	33	12	28	0,24	QPF08B1-012F12
	53	49,07	33	14	28	0,23	QPF08B1-012F14
	53	49,07	33	16	28	0,22	QPF08B1-012F16
	53	49,07	33	18	28	0,21	QPF08B1-012F18
	53	49,07	35	19	28	0,22	QPF08B1-012F19
	53	49,07	36	20	28	0,22	QPF08B1-012F20
13	53	49,07	38	22	28	0,23	QPF08B1-012F22
	53	49,07	*41	24	28	0,24	QPF08B1-012F24
	53	49,07	*42	25	28	0,24	QPF08B1-012F25
	57,4	53,06	37	12	28	0,30	QPF08B1-013F12
	57,4	53,06	37	14	28	0,29	QPF08B1-013F14
	57,4	53,06	37	15	28	0,28	QPF08B1-013F15
	57,4	53,06	37	16	28	0,28	QPF08B1-013F16
	57,4	53,06	37	18	28	0,27	QPF08B1-013F18
	57,4	53,06	37	19	28	0,26	QPF08B1-013F19
	57,4	53,06	37	20	28	0,25	QPF08B1-013F20
14	57,4	53,06	37	22	28	0,24	QPF08B1-013F22
	57,4	53,06	42	24	28	0,27	QPF08B1-013F24
	57,4	53,06	42	25	28	0,27	QPF08B1-013F25
	57,4	53,06	*45	28	28	0,27	QPF08B1-013F28
	61,8	57,07	41	12	28	0,36	QPF08B1-014F12
	61,8	57,07	41	14	28	0,35	QPF08B1-014F14
	61,8	57,07	41	15	28	0,35	QPF08B1-014F15
	61,8	57,07	41	16	28	0,34	QPF08B1-014F16
	61,8	57,07	41	18	28	0,33	QPF08B1-014F18
	61,8	57,07	41	19	28	0,32	QPF08B1-014F19
	61,8	57,07	41	20	28	0,32	QPF08B1-014F20
	61,8	57,07	41	22	28	0,30	QPF08B1-014F22
	61,8	57,07	41	24	28	0,29	QPF08B1-014F24
61,8	57,07	41	25	28	0,28	QPF08B1-014F25	
61,8	57,07	45	28	28	0,30	QPF08B1-014F28	
61,8	57,07	45	28	28	0,30	QPF08B1-014F28	

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
15	65,5	61,09	45	12	28	0,43	QPF08B1-015F12
	65,5	61,09	45	14	28	0,42	QPF08B1-015F14
	65,5	61,09	45	15	28	0,41	QPF08B1-015F15
	65,5	61,09	45	16	28	0,41	QPF08B1-015F16
	65,5	61,09	45	18	28	0,40	QPF08B1-015F18
	65,5	61,09	45	19	28	0,39	QPF08B1-015F19
	65,5	61,09	45	20	28	0,38	QPF08B1-015F20
	65,5	61,09	45	22	28	0,37	QPF08B1-015F22
	65,5	61,09	45	24	28	0,35	QPF08B1-015F24
	65,5	61,09	45	25	28	0,34	QPF08B1-015F25
	65,5	61,09	45	28	28	0,32	QPF08B1-015F28
	65,5	61,09	47	30	28	0,32	QPF08B1-015F30
	65,5	61,09	49	32	28	0,32	QPF08B1-015F32
16	69,5	65,1	50	16	28	0,49	QPF08B1-016F16
	69,5	65,1	50	18	28	0,48	QPF08B1-016F18
	69,5	65,1	50	19	28	0,48	QPF08B1-016F19
	69,5	65,1	50	20	28	0,47	QPF08B1-016F20
	69,5	65,1	50	22	28	0,45	QPF08B1-016F22
	69,5	65,1	50	24	28	0,44	QPF08B1-016F24
	69,5	65,1	50	25	28	0,43	QPF08B1-016F25
	69,5	65,1	50	28	28	0,40	QPF08B1-016F28
	69,5	65,1	50	30	28	0,38	QPF08B1-016F30
	69,5	65,1	53	32	28	0,40	QPF08B1-016F32
17	73,6	69,11	52	16	28	0,55	QPF08B1-017F16
	73,6	69,11	52	18	28	0,53	QPF08B1-017F18
	73,6	69,11	52	19	28	0,53	QPF08B1-017F19
	73,6	69,11	52	20	28	0,52	QPF08B1-017F20
	73,6	69,11	52	22	28	0,51	QPF08B1-017F22
	73,6	69,11	52	24	28	0,49	QPF08B1-017F24
	73,6	69,11	52	25	28	0,48	QPF08B1-017F25
	73,6	69,11	52	28	28	0,45	QPF08B1-017F28
	73,6	69,11	52	30	28	0,43	QPF08B1-017F30
	73,6	69,11	52	32	28	0,41	QPF08B1-017F32

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
18	77,8	73,14	56	16	28	0,63	QPF08B1-018F16
	77,8	73,14	56	18	28	0,62	QPF08B1-018F18
	77,8	73,14	56	19	28	0,61	QPF08B1-018F19
	77,8	73,14	56	20	28	0,61	QPF08B1-018F20
	77,8	73,14	56	22	28	0,59	QPF08B1-018F22
	77,8	73,14	56	24	28	0,58	QPF08B1-018F24
	77,8	73,14	56	25	28	0,57	QPF08B1-018F25
	77,8	73,14	56	28	28	0,54	QPF08B1-018F28
	77,8	73,14	56	30	28	0,52	QPF08B1-018F30
	77,8	73,14	56	32	28	0,50	QPF08B1-018F32
	77,8	73,14	56	35	28	0,46	QPF08B1-018F35
	77,8	73,14	56	38	28	0,42	QPF08B1-018F38
19	81,7	77,16	60	16	28	0,72	QPF08B1-019F16
	81,7	77,16	60	18	28	0,71	QPF08B1-019F18
	81,7	77,16	60	19	28	0,70	QPF08B1-019F19
	81,7	77,16	60	20	28	0,69	QPF08B1-019F20
	81,7	77,16	60	22	28	0,68	QPF08B1-019F22
	81,7	77,16	60	24	28	0,66	QPF08B1-019F24
	81,7	77,16	60	25	28	0,65	QPF08B1-019F25
	81,7	77,16	60	28	28	0,63	QPF08B1-019F28
	81,7	77,16	60	30	28	0,61	QPF08B1-019F30
	81,7	77,16	60	32	28	0,58	QPF08B1-019F32
	81,7	77,16	60	35	28	0,55	QPF08B1-019F35
	81,7	77,16	60	38	28	0,51	QPF08B1-019F38
20	85,8	81,19	64	16	28	0,81	QPF08B1-020F16
	85,8	81,19	64	18	28	0,80	QPF08B1-020F18
	85,8	81,19	64	19	28	0,79	QPF08B1-020F19
	85,8	81,19	64	20	28	0,79	QPF08B1-020F20
	85,8	81,19	64	22	28	0,77	QPF08B1-020F22
	85,8	81,19	64	24	28	0,76	QPF08B1-020F24
	85,8	81,19	64	25	28	0,75	QPF08B1-020F25
	85,8	81,19	64	28	28	0,72	QPF08B1-020F28
	85,8	81,19	64	30	28	0,70	QPF08B1-020F30
	85,8	81,19	64	32	28	0,68	QPF08B1-020F32
	85,8	81,19	64	35	28	0,64	QPF08B1-020F35
	85,8	81,19	64	38	28	0,61	QPF08B1-020F38
21	89,7	85,22	68	16	28	0,91	QPF08B1-021F16
	89,7	85,22	68	18	28	0,90	QPF08B1-021F18
	89,7	85,22	68	19	28	0,89	QPF08B1-021F19
	89,7	85,22	68	20	28	0,89	QPF08B1-021F20
	89,7	85,22	68	22	28	0,87	QPF08B1-021F22
	89,7	85,22	68	24	28	0,86	QPF08B1-021F24
	89,7	85,22	68	25	28	0,85	QPF08B1-021F25
	89,7	85,22	68	28	28	0,82	QPF08B1-021F28
	89,7	85,22	68	30	28	0,80	QPF08B1-021F30
	89,7	85,22	68	32	28	0,78	QPF08B1-021F32
	89,7	85,22	68	35	28	0,74	QPF08B1-021F35
	89,7	85,22	68	38	28	0,71	QPF08B1-021F38

Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number	
22	93,8	89,24	70	16	28	0,98	QPF08B1-022F16	
	93,8	89,24	70	18	28	0,97	QPF08B1-022F18	
	93,8	89,24	70	19	28	0,96	QPF08B1-022F19	
	93,8	89,24	70	20	28	0,96	QPF08B1-022F20	
	93,8	89,24	70	22	28	0,94	QPF08B1-022F22	
	93,8	89,24	70	24	28	0,93	QPF08B1-022F24	
	93,8	89,24	70	25	28	0,92	QPF08B1-022F25	
	93,8	89,24	70	28	28	0,89	QPF08B1-022F28	
	93,8	89,24	70	30	28	0,87	QPF08B1-022F30	
	93,8	89,24	70	32	28	0,85	QPF08B1-022F32	
	93,8	89,24	70	35	28	0,81	QPF08B1-022F35	
	93,8	89,24	70	38	28	0,77	QPF08B1-022F38	
23	98,2	93,27	70	19	28	1,00	QPF08B1-023F19	
	98,2	93,27	70	20	28	0,99	QPF08B1-023F20	
	98,2	93,27	70	22	28	0,98	QPF08B1-023F22	
	98,2	93,27	70	24	28	0,96	QPF08B1-023F24	
	98,2	93,27	70	25	28	0,95	QPF08B1-023F25	
	98,2	93,27	70	28	28	0,93	QPF08B1-023F28	
	98,2	93,27	70	30	28	0,91	QPF08B1-023F30	
	98,2	93,27	70	32	28	0,89	QPF08B1-023F32	
	98,2	93,27	70	35	28	0,85	QPF08B1-023F35	
	98,2	93,27	70	38	28	0,81	QPF08B1-023F38	
	24	101,8	97,29	70	19	28	1,03	QPF08B1-024F19
		101,8	97,29	70	20	28	1,03	QPF08B1-024F20
101,8		97,29	70	22	28	1,01	QPF08B1-024F22	
101,8		97,29	70	24	28	1,00	QPF08B1-024F24	
101,8		97,29	70	25	28	0,99	QPF08B1-024F25	
101,8		97,29	70	28	28	0,96	QPF08B1-024F28	
101,8		97,29	70	30	28	0,94	QPF08B1-024F30	
101,8		97,29	70	32	28	0,92	QPF08B1-024F32	
101,8		97,29	70	35	28	0,88	QPF08B1-024F35	
101,8		97,29	70	38	28	0,84	QPF08B1-024F38	
25		105,8	101,33	70	19	28	1,07	QPF08B1-025F19
		105,8	101,33	70	20	28	1,06	QPF08B1-025F20
	105,8	101,33	70	22	28	1,05	QPF08B1-025F22	
	105,8	101,33	70	24	28	1,03	QPF08B1-025F24	
	105,8	101,33	70	25	28	1,02	QPF08B1-025F25	
	105,8	101,33	70	28	28	1,00	QPF08B1-025F28	
	105,8	101,33	70	30	28	0,98	QPF08B1-025F30	
	105,8	101,33	70	32	28	0,95	QPF08B1-025F32	
	105,8	101,33	70	35	28	0,92	QPF08B1-025F35	
	105,8	101,33	70	38	28	0,88	QPF08B1-025F38	

ISO sprocket with finished bore

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

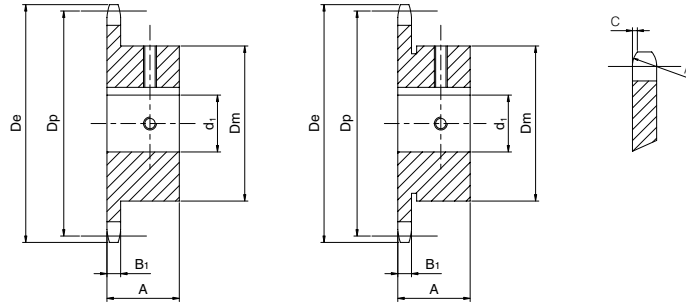
Simplex sprocket with induction hardened teeth and finished bore

According to DIN 8187 - ISO/R 606



ISO 10B-1 Pitch 5/8" x 3/8"

SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width B_1	9,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Type = *

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
10	57,5	51,37	35	16	25	0,27	QPF10B1-010F16
	57,5	51,37	35	19	25	0,25	QPF10B1-010F19
	57,5	51,37	35	20	25	0,25	QPF10B1-010F20
	57,5	51,37	*42	24	25	0,27	QPF10B1-010F24
11	63	56,34	37	16	30	0,35	QPF10B1-011F16
	63	56,34	37	18	30	0,34	QPF10B1-011F18
	63	56,34	37	19	30	0,33	QPF10B1-011F19
	63	56,34	37	20	30	0,33	QPF10B1-011F20
	63	56,34	42	24	30	0,35	QPF10B1-011F24
	63	56,34	42	25	30	0,34	QPF10B1-011F25
12	68	61,34	42	16	30	0,44	QPF10B1-012F16
	68	61,34	42	18	30	0,43	QPF10B1-012F18
	68	61,34	42	19	30	0,42	QPF10B1-012F19
	68	61,34	42	20	30	0,42	QPF10B1-012F20
	68	61,34	42	22	30	0,40	QPF10B1-012F22
	68	61,34	42	24	30	0,38	QPF10B1-012F24
	68	61,34	44	25	30	0,40	QPF10B1-012F25
	68	61,34	47	28	30	0,40	QPF10B1-012F28
13	73	66,32	47	16	30	0,54	QPF10B1-013F16
	73	66,32	47	18	30	0,53	QPF10B1-013F18
	73	66,32	47	19	30	0,52	QPF10B1-013F19
	73	66,32	47	20	30	0,51	QPF10B1-013F20
	73	66,32	47	22	30	0,50	QPF10B1-013F22
	73	66,32	47	24	30	0,48	QPF10B1-013F24
	73	66,32	47	25	30	0,47	QPF10B1-013F25
	73	66,32	47	28	30	0,44	QPF10B1-013F28
	73	66,32	49	30	30	0,44	QPF10B1-013F30
	73	66,32	51	32	30	0,45	QPF10B1-013F32

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
14	78	71,34	52	16	30	0,65	QPF10B1-014F16
	78	71,34	52	18	30	0,63	QPF10B1-014F18
	78	71,34	52	19	30	0,63	QPF10B1-014F19
	78	71,34	52	20	30	0,62	QPF10B1-014F20
	78	71,34	52	22	30	0,60	QPF10B1-014F22
	78	71,34	52	24	30	0,59	QPF10B1-014F24
	78	71,34	52	25	30	0,58	QPF10B1-014F25
	78	71,34	52	28	30	0,55	QPF10B1-014F28
	78	71,34	52	30	30	0,53	QPF10B1-014F30
	78	71,34	52	32	30	0,50	QPF10B1-014F32
15	83	76,36	57	19	30	0,74	QPF10B1-015F19
	83	76,36	57	20	30	0,74	QPF10B1-015F20
	83	76,36	57	22	30	0,72	QPF10B1-015F22
	83	76,36	57	24	30	0,70	QPF10B1-015F24
	83	76,36	57	25	30	0,69	QPF10B1-015F25
	83	76,36	57	28	30	0,66	QPF10B1-015F28
	83	76,36	57	30	30	0,64	QPF10B1-015F30
	83	76,36	57	32	30	0,62	QPF10B1-015F32
	83	76,36	57	35	30	0,58	QPF10B1-015F35
	88	81,37	60	19	30	0,84	QPF10B1-016F19
16	88	81,37	60	20	30	0,83	QPF10B1-016F20
	88	81,37	60	22	30	0,81	QPF10B1-016F22
	88	81,37	60	24	30	0,80	QPF10B1-016F24
	88	81,37	60	25	30	0,79	QPF10B1-016F25
	88	81,37	60	28	30	0,76	QPF10B1-016F28
	88	81,37	60	30	30	0,74	QPF10B1-016F30
	88	81,37	60	32	30	0,71	QPF10B1-016F32
	88	81,37	60	35	30	0,68	QPF10B1-016F35
	88	81,37	60	38	30	0,64	QPF10B1-016F38
	93	86,39	60	19	30	0,89	QPF10B1-017F19
17	93	86,39	60	20	30	0,88	QPF10B1-017F20
	93	86,39	60	22	30	0,87	QPF10B1-017F22
	93	86,39	60	24	30	0,85	QPF10B1-017F24
	93	86,39	60	25	30	0,84	QPF10B1-017F25
	93	86,39	60	28	30	0,81	QPF10B1-017F28
	93	86,39	60	30	30	0,79	QPF10B1-017F30
	93	86,39	60	32	30	0,76	QPF10B1-017F32
	93	86,39	60	35	30	0,73	QPF10B1-017F35
	93	86,39	60	38	30	0,69	QPF10B1-017F38

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
18	98,3	91,42	70	19	30	1,11	QPF10B1-018F19
	98,3	91,42	70	20	30	1,11	QPF10B1-018F20
	98,3	91,42	70	22	30	1,09	QPF10B1-018F22
	98,3	91,42	70	24	30	1,07	QPF10B1-018F24
	98,3	91,42	70	25	30	1,06	QPF10B1-018F25
	98,3	91,42	70	28	30	1,04	QPF10B1-018F28
	98,3	91,42	70	30	30	1,01	QPF10B1-018F30
	98,3	91,42	70	32	30	0,99	QPF10B1-018F32
	98,3	91,42	70	35	30	0,95	QPF10B1-018F35
	98,3	91,42	70	38	30	0,91	QPF10B1-018F38
	98,3	91,42	70	40	30	0,88	QPF10B1-018F40
98,3	91,42	70	42	30	0,85	QPF10B1-018F42	
19	103,3	96,45	70	19	30	1,17	QPF10B1-019F19
	103,3	96,45	70	20	30	1,16	QPF10B1-019F20
	103,3	96,45	70	22	30	1,15	QPF10B1-019F22
	103,3	96,45	70	24	30	1,13	QPF10B1-019F24
	103,3	96,45	70	25	30	1,12	QPF10B1-019F25
	103,3	96,45	70	28	30	1,09	QPF10B1-019F28
	103,3	96,45	70	30	30	1,07	QPF10B1-019F30
	103,3	96,45	70	32	30	1,05	QPF10B1-019F32
	103,3	96,45	70	35	30	1,01	QPF10B1-019F35
	103,3	96,45	70	38	30	0,97	QPF10B1-019F38
	103,3	96,45	70	40	30	0,94	QPF10B1-019F40
103,3	96,45	70	42	30	0,91	QPF10B1-019F42	
20	108,4	101,49	75	19	30	1,33	QPF10B1-020F19
	108,4	101,49	75	20	30	1,32	QPF10B1-020F20
	108,4	101,49	75	22	30	1,30	QPF10B1-020F22
	108,4	101,49	75	24	30	1,29	QPF10B1-020F24
	108,4	101,49	75	25	30	1,28	QPF10B1-020F25
	108,4	101,49	75	28	30	1,25	QPF10B1-020F28
	108,4	101,49	75	30	30	1,23	QPF10B1-020F30
	108,4	101,49	75	32	30	1,20	QPF10B1-020F32
	108,4	101,49	75	35	30	1,16	QPF10B1-020F35
	108,4	101,49	75	38	30	1,12	QPF10B1-020F38
	108,4	101,49	75	40	30	1,10	QPF10B1-020F40
108,4	101,49	75	42	30	1,06	QPF10B1-020F42	
21	113,4	106,52	75	19	30	1,39	QPF10B1-021F19
	113,4	106,52	75	20	30	1,38	QPF10B1-021F20
	113,4	106,52	75	22	30	1,37	QPF10B1-021F22
	113,4	106,52	75	24	30	1,35	QPF10B1-021F24
	113,4	106,52	75	25	30	1,34	QPF10B1-021F25
	113,4	106,52	75	28	30	1,31	QPF10B1-021F28
	113,4	106,52	75	30	30	1,29	QPF10B1-021F30
	113,4	106,52	75	32	30	1,26	QPF10B1-021F32
	113,4	106,52	75	35	30	1,23	QPF10B1-021F35
	113,4	106,52	75	38	30	1,19	QPF10B1-021F38
	113,4	106,52	75	40	30	1,16	QPF10B1-021F40
113,4	106,52	75	42	30	1,13	QPF10B1-021F42	

Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
22	118	111,55	80	19	30	1,55	QPF10B1-022F19
	118	111,55	80	20	30	1,54	QPF10B1-022F20
	118	111,55	80	22	30	1,53	QPF10B1-022F22
	118	111,55	80	24	30	1,51	QPF10B1-022F24
	118	111,55	80	25	30	1,50	QPF10B1-022F25
	118	111,55	80	28	30	1,47	QPF10B1-022F28
	118	111,55	80	30	30	1,45	QPF10B1-022F30
	118	111,55	80	32	30	1,43	QPF10B1-022F32
	118	111,55	80	35	30	1,39	QPF10B1-022F35
	118	111,55	80	38	30	1,35	QPF10B1-022F38
	118	111,55	80	40	30	1,32	QPF10B1-022F40
118	111,55	80	42	30	1,29	QPF10B1-022F42	
23	123,5	116,58	80	19	30	1,62	QPF10B1-023F19
	123,5	116,58	80	20	30	1,62	QPF10B1-023F20
	123,5	116,58	80	22	30	1,60	QPF10B1-023F22
	123,5	116,58	80	24	30	1,58	QPF10B1-023F24
	123,5	116,58	80	25	30	1,57	QPF10B1-023F25
	123,5	116,58	80	28	30	1,55	QPF10B1-023F28
	123,5	116,58	80	30	30	1,52	QPF10B1-023F30
	123,5	116,58	80	32	30	1,50	QPF10B1-023F32
	123,5	116,58	80	35	30	1,46	QPF10B1-023F35
	123,5	116,58	80	38	30	1,42	QPF10B1-023F38
	123,5	116,58	80	40	30	1,39	QPF10B1-023F40
123,5	116,58	80	42	30	1,36	QPF10B1-023F42	
24	128,3	121,62	80	19	30	1,69	QPF10B1-024F19
	128,3	121,62	80	20	30	1,68	QPF10B1-024F20
	128,3	121,62	80	22	30	1,67	QPF10B1-024F22
	128,3	121,62	80	24	30	1,65	QPF10B1-024F24
	128,3	121,62	80	25	30	1,64	QPF10B1-024F25
	128,3	121,62	80	28	30	1,61	QPF10B1-024F28
	128,3	121,62	80	30	30	1,59	QPF10B1-024F30
	128,3	121,62	80	32	30	1,57	QPF10B1-024F32
	128,3	121,62	80	35	30	1,53	QPF10B1-024F35
	128,3	121,62	80	38	30	1,49	QPF10B1-024F38
	128,3	121,62	80	40	30	1,46	QPF10B1-024F40
128,3	121,62	80	42	30	1,43	QPF10B1-024F42	
25	134	126,66	80	19	30	1,78	QPF10B1-025F19
	134	126,66	80	20	30	1,77	QPF10B1-025F20
	134	126,66	80	22	30	1,75	QPF10B1-025F22
	134	126,66	80	24	30	1,74	QPF10B1-025F24
	134	126,66	80	25	30	1,73	QPF10B1-025F25
	134	126,66	80	28	30	1,70	QPF10B1-025F28
	134	126,66	80	30	30	1,68	QPF10B1-025F30
	134	126,66	80	32	30	1,65	QPF10B1-025F32
	134	126,66	80	35	30	1,62	QPF10B1-025F35
	134	126,66	80	38	30	1,57	QPF10B1-025F38
	134	126,66	80	40	30	1,55	QPF10B1-025F40
134	126,66	80	42	30	1,52	QPF10B1-025F42	

ISO sprocket with finished bore

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

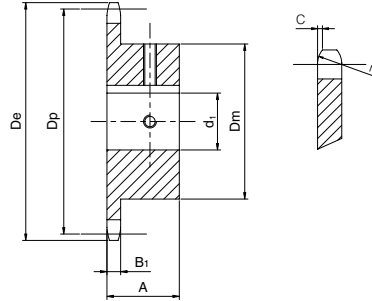
Simplex sprocket with induction hardened teeth and finished bore

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]	d1 [mm]	A [mm]	W [kg]	Part Number
10	69	61,64	42	19	30	0,47	QPF12B1-010F19
	69	61,64	42	20	30	0,46	QPF12B1-010F20
	69	61,64	42	24	30	0,43	QPF12B1-010F24
	69	61,64	42	25	30	0,42	QPF12B1-010F25
11	75	67,61	48	19	35	0,65	QPF12B1-011F19
	75	67,61	48	20	35	0,64	QPF12B1-011F20
	75	67,61	48	24	35	0,60	QPF12B1-011F24
	75	67,61	48	25	35	0,59	QPF12B1-011F25
12	81,5	73,6	52	19	35	0,78	QPF12B1-012F19
	81,5	73,6	52	20	35	0,77	QPF12B1-012F20
	81,5	73,6	52	24	35	0,73	QPF12B1-012F24
	81,5	73,6	52	25	35	0,72	QPF12B1-012F25
	81,5	73,6	52	28	35	0,69	QPF12B1-012F28
	81,5	73,6	52	30	35	0,66	QPF12B1-012F30
	81,5	73,6	53	32	35	0,65	QPF12B1-012F32
13	87,5	79,59	58	19	35	0,95	QPF12B1-013F19
	87,5	79,59	58	20	35	0,94	QPF12B1-013F20
	87,5	79,59	58	24	35	0,90	QPF12B1-013F24
	87,5	79,59	58	25	35	0,89	QPF12B1-013F25
	87,5	79,59	58	28	35	0,86	QPF12B1-013F28
	87,5	79,59	58	30	35	0,83	QPF12B1-013F30
	87,5	79,59	58	32	35	0,80	QPF12B1-013F32
	87,5	79,59	58	35	35	0,76	QPF12B1-013F35
14	87,5	79,59	58	38	35	0,71	QPF12B1-013F38
	93,6	85,61	64	19	35	1,13	QPF12B1-014F19
	93,6	85,61	64	20	35	1,12	QPF12B1-014F20
	93,6	85,61	64	24	35	1,09	QPF12B1-014F24
	93,6	85,61	64	25	35	1,08	QPF12B1-014F25
	93,6	85,61	64	28	35	1,04	QPF12B1-014F28
	93,6	85,61	64	30	35	1,02	QPF12B1-014F30
	93,6	85,61	64	32	35	0,99	QPF12B1-014F32
	93,6	85,61	64	35	35	0,94	QPF12B1-014F35
	93,6	85,61	64	38	35	0,90	QPF12B1-014F38
93,6	85,61	67	40	35	0,92	QPF12B1-014F40	

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
15	99,8	91,63	70	19	35	1,31	QPF12B1-015F19
	99,8	91,63	70	20	35	1,32	QPF12B1-015F20
	99,8	91,63	70	24	35	1,29	QPF12B1-015F24
	99,8	91,63	70	25	35	1,28	QPF12B1-015F25
	99,8	91,63	70	28	35	1,24	QPF12B1-015F28
	99,8	91,63	70	30	35	1,22	QPF12B1-015F30
	99,8	91,63	70	32	35	1,19	QPF12B1-015F32
	99,8	91,63	70	35	35	1,15	QPF12B1-015F35
	99,8	91,63	70	38	35	1,10	QPF12B1-015F38
	99,8	91,63	70	40	35	1,07	QPF12B1-015F40
16	105,5	97,65	75	19	35	1,52	QPF12B1-016F19
	105,5	97,65	75	20	35	1,51	QPF12B1-016F20
	105,5	97,65	75	24	35	1,48	QPF12B1-016F24
	105,5	97,65	75	25	35	1,46	QPF12B1-016F25
	105,5	97,65	75	28	35	1,43	QPF12B1-016F28
	105,5	97,65	75	30	35	1,41	QPF12B1-016F30
	105,5	97,65	75	32	35	1,38	QPF12B1-016F32
	105,5	97,65	75	35	35	1,33	QPF12B1-016F35
	105,5	97,65	75	38	35	1,29	QPF12B1-016F38
	105,5	97,65	75	40	35	1,25	QPF12B1-016F40
17	111,5	103,67	80	25	35	1,67	QPF12B1-017F25
	111,5	103,67	80	28	35	1,64	QPF12B1-017F28
	111,5	103,67	80	30	35	1,61	QPF12B1-017F30
	111,5	103,67	80	32	35	1,58	QPF12B1-017F32
	111,5	103,67	80	35	35	1,54	QPF12B1-017F35
	111,5	103,67	80	38	35	1,49	QPF12B1-017F38
	111,5	103,67	80	40	35	1,46	QPF12B1-017F40
	111,5	103,67	80	42	35	1,42	QPF12B1-017F42
18	118	109,71	80	25	35	1,77	QPF12B1-018F25
	118	109,71	80	28	35	1,74	QPF12B1-018F28
	118	109,71	80	30	35	1,71	QPF12B1-018F30
	118	109,71	80	32	35	1,69	QPF12B1-018F32
	118	109,71	80	35	35	1,64	QPF12B1-018F35
	118	109,71	80	38	35	1,59	QPF12B1-018F38
	118	109,71	80	40	35	1,56	QPF12B1-018F40
	118	109,71	80	42	35	1,52	QPF12B1-018F42

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
19	124,2	115,75	80	25	35	1,88	QPF12B1-019F25
	124,2	115,75	80	28	35	1,84	QPF12B1-019F28
	124,2	115,75	80	30	35	1,82	QPF12B1-019F30
	124,2	115,75	80	32	35	1,79	QPF12B1-019F32
	124,2	115,75	80	35	35	1,75	QPF12B1-019F35
	124,2	115,75	80	38	35	1,70	QPF12B1-019F38
	124,2	115,75	80	40	35	1,66	QPF12B1-019F40
	124,2	115,75	80	42	35	1,63	QPF12B1-019F42
	124,2	115,75	80	45	35	1,57	QPF12B1-019F45
	124,2	115,75	80	48	35	1,51	QPF12B1-019F48
124,2	115,75	80	50	35	1,47	QPF12B1-019F50	
20	129,7	121,78	80	25	35	1,97	QPF12B1-020F25
	129,7	121,78	80	28	35	1,94	QPF12B1-020F28
	129,7	121,78	80	30	35	1,91	QPF12B1-020F30
	129,7	121,78	80	32	35	1,89	QPF12B1-020F32
	129,7	121,78	80	35	35	1,84	QPF12B1-020F35
	129,7	121,78	80	38	35	1,79	QPF12B1-020F38
	129,7	121,78	80	40	35	1,76	QPF12B1-020F40
	129,7	121,78	80	42	35	1,72	QPF12B1-020F42
	129,7	121,78	80	45	35	1,67	QPF12B1-020F45
	129,7	121,78	80	48	35	1,61	QPF12B1-020F48
129,7	121,78	80	50	35	1,56	QPF12B1-020F50	
21	136	127,82	90	25	35	2,34	QPF12B1-021F25
	136	127,82	90	28	35	2,30	QPF12B1-021F28
	136	127,82	90	30	35	2,28	QPF12B1-021F30
	136	127,82	90	32	35	2,25	QPF12B1-021F32
	136	127,82	90	35	35	2,21	QPF12B1-021F35
	136	127,82	90	38	35	2,16	QPF12B1-021F38
	136	127,82	90	40	35	2,13	QPF12B1-021F40
	136	127,82	90	42	35	2,09	QPF12B1-021F42
	136	127,82	90	45	35	2,04	QPF12B1-021F45
	136	127,82	90	48	35	1,97	QPF12B1-021F48
136	127,82	90	50	35	1,93	QPF12B1-021F50	
22	141	133,86	90	25	40	2,67	QPF12B1-022F25
	141	133,86	90	28	40	2,63	QPF12B1-022F28
	141	133,86	90	30	40	2,60	QPF12B1-022F30
	141	133,86	90	32	40	2,57	QPF12B1-022F32
	141	133,86	90	35	40	2,52	QPF12B1-022F35
	141	133,86	90	38	40	2,46	QPF12B1-022F38
	141	133,86	90	40	40	2,42	QPF12B1-022F40
	141	133,86	90	42	40	2,38	QPF12B1-022F42
	141	133,86	90	45	40	2,32	QPF12B1-022F45
	141	133,86	90	48	40	2,25	QPF12B1-022F48
141	133,86	90	50	40	2,20	QPF12B1-022F50	

Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
23	149	139,9	90	25	40	2,83	QPF12B1-023F25
	149	139,9	90	28	40	2,79	QPF12B1-023F28
	149	139,9	90	30	40	2,76	QPF12B1-023F30
	149	139,9	90	32	40	2,73	QPF12B1-023F32
	149	139,9	90	35	40	2,68	QPF12B1-023F35
	149	139,9	90	38	40	2,62	QPF12B1-023F38
	149	139,9	90	40	40	2,58	QPF12B1-023F40
	149	139,9	90	42	40	2,54	QPF12B1-023F42
	149	139,9	90	45	40	2,48	QPF12B1-023F45
	149	139,9	90	48	40	2,41	QPF12B1-023F48
149	139,9	90	50	40	2,36	QPF12B1-023F50	
24	153,9	145,94	90	25	40	2,93	QPF12B1-024F25
	153,9	145,94	90	28	40	2,89	QPF12B1-024F28
	153,9	145,94	90	30	40	2,86	QPF12B1-024F30
	153,9	145,94	90	32	40	2,83	QPF12B1-024F32
	153,9	145,94	90	35	40	2,78	QPF12B1-024F35
	153,9	145,94	90	38	40	2,73	QPF12B1-024F38
	153,9	145,94	90	40	40	2,69	QPF12B1-024F40
	153,9	145,94	90	42	40	2,65	QPF12B1-024F42
	153,9	145,94	90	45	40	2,58	QPF12B1-024F45
	153,9	145,94	90	48	40	2,51	QPF12B1-024F48
153,9	145,94	90	50	40	2,46	QPF12B1-024F50	
25	160	152	90	25	40	3,06	QPF12B1-025F25
	160	152	90	28	40	3,02	QPF12B1-025F28
	160	152	90	30	40	2,99	QPF12B1-025F30
	160	152	90	32	40	2,96	QPF12B1-025F32
	160	152	90	35	40	2,91	QPF12B1-025F35
	160	152	90	38	40	2,86	QPF12B1-025F38
	160	152	90	40	40	2,82	QPF12B1-025F40
	160	152	90	42	40	2,78	QPF12B1-025F42
	160	152	90	45	40	2,71	QPF12B1-025F45
	160	152	90	48	40	2,64	QPF12B1-025F48
160	152	90	50	40	2,60	QPF12B1-025F50	

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

ISO sprocket with finished bore

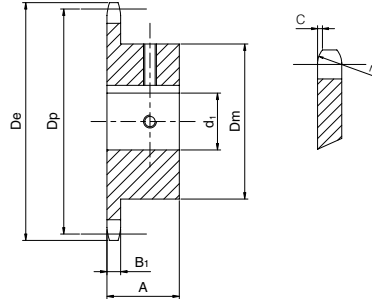
Simplex sprocket with induction hardened teeth and finished bore

According to DIN 8187 - ISO/R 606



ISO 16B-1 Pitch 1" x 17,02 mm

SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width B_1	16,2
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
11	99,5	90,14	61	25	40	1,43	QPF16B1-011F25
	99,5	90,14	61	28	40	1,39	QPF16B1-011F28
	99,5	90,14	61	30	40	1,36	QPF16B1-011F30
	99,5	90,14	61	32	40	1,33	QPF16B1-011F32
	99,5	90,14	61	35	40	1,28	QPF16B1-011F35
	99,5	90,14	65	38	40	1,30	QPF16B1-011F38
	99,5	90,14	67	40	40	1,30	QPF16B1-011F40
12	99,5	90,14	69	42	40	1,30	QPF16B1-011F42
	109	98,14	69	25	40	1,74	QPF16B1-012F25
	109	98,14	69	28	40	1,70	QPF16B1-012F28
	109	98,14	69	30	40	1,67	QPF16B1-012F30
	109	98,14	69	32	40	1,64	QPF16B1-012F32
	109	98,14	69	35	40	1,59	QPF16B1-012F35
	109	98,14	69	38	40	1,54	QPF16B1-012F38
13	109	98,14	69	40	40	1,50	QPF16B1-012F40
	109	98,14	69	42	40	1,46	QPF16B1-012F42
	117	106,12	78	25	40	2,12	QPF16B1-013F25
	117	106,12	78	28	40	2,08	QPF16B1-013F28
	117	106,12	78	30	40	2,05	QPF16B1-013F30
	117	106,12	78	32	40	2,02	QPF16B1-013F32
	117	106,12	78	35	40	1,97	QPF16B1-013F35
	117	106,12	78	38	40	1,92	QPF16B1-013F38
	117	106,12	78	40	40	1,88	QPF16B1-013F40
	117	106,12	78	42	40	1,84	QPF16B1-013F42
14	117	106,12	78	45	40	1,77	QPF16B1-013F45
	117	106,12	78	48	40	1,70	QPF16B1-013F48
	117	106,12	82	50	40	1,75	QPF16B1-013F50
	125	114,15	84	25	40	2,46	QPF16B1-014F25
	125	114,15	84	28	40	2,42	QPF16B1-014F28
	125	114,15	84	30	40	2,39	QPF16B1-014F30
	125	114,15	84	32	40	2,36	QPF16B1-014F32
	125	114,15	84	35	40	2,31	QPF16B1-014F35
	125	114,15	84	38	40	2,25	QPF16B1-014F38
	125	114,15	84	40	40	2,22	QPF16B1-014F40
	125	114,15	84	42	40	2,17	QPF16B1-014F42
	125	114,15	84	45	40	2,11	QPF16B1-014F45

Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
15	133	122,17	92	25	40	2,87	QPF16B1-015F25
	133	122,17	92	28	40	2,83	QPF16B1-015F28
	133	122,17	92	30	40	2,80	QPF16B1-015F30
	133	122,17	92	32	40	2,77	QPF16B1-015F32
	133	122,17	92	35	40	2,72	QPF16B1-015F35
	133	122,17	92	38	40	2,67	QPF16B1-015F38
	133	122,17	92	40	40	2,63	QPF16B1-015F40
	133	122,17	92	42	40	2,59	QPF16B1-015F42
	133	122,17	92	45	40	2,53	QPF16B1-015F45
	133	122,17	92	48	40	2,46	QPF16B1-015F48
16	133	122,17	92	50	40	2,41	QPF16B1-015F50
	141	130,2	100	25	45	3,61	QPF16B1-016F25
	141	130,2	100	28	45	3,57	QPF16B1-016F28
	141	130,2	100	30	45	3,53	QPF16B1-016F30
	141	130,2	100	32	45	3,50	QPF16B1-016F32
	141	130,2	100	35	45	3,44	QPF16B1-016F35
	141	130,2	100	38	45	3,38	QPF16B1-016F38
	141	130,2	100	40	45	3,34	QPF16B1-016F40
	141	130,2	100	42	45	3,29	QPF16B1-016F42
	141	130,2	100	45	45	3,22	QPF16B1-016F45
17	141	130,2	100	48	45	3,14	QPF16B1-016F48
	141	130,2	100	50	45	3,09	QPF16B1-016F50
	149	138,22	100	25	45	3,84	QPF16B1-017F25
	149	138,22	100	28	45	3,80	QPF16B1-017F28
	149	138,22	100	30	45	3,77	QPF16B1-017F30
	149	138,22	100	32	45	3,73	QPF16B1-017F32
	149	138,22	100	35	45	3,68	QPF16B1-017F35
	149	138,22	100	38	45	3,62	QPF16B1-017F38
	149	138,22	100	40	45	3,57	QPF16B1-017F40
	149	138,22	100	42	45	3,53	QPF16B1-017F42

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight



Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
18	157	146,28	100	25	45	4,09	QPF16B1-018F25
	157	146,28	100	28	45	4,05	QPF16B1-018F28
	157	146,28	100	30	45	4,01	QPF16B1-018F30
	157	146,28	100	32	45	3,98	QPF16B1-018F32
	157	146,28	100	35	45	3,92	QPF16B1-018F35
	157	146,28	100	38	45	3,86	QPF16B1-018F38
	157	146,28	100	40	45	3,82	QPF16B1-018F40
	157	146,28	100	42	45	3,77	QPF16B1-018F42
	157	146,28	100	45	45	3,70	QPF16B1-018F45
	157	146,28	100	48	45	3,62	QPF16B1-018F48
157	146,28	100	50	45	3,57	QPF16B1-018F50	
19	165,2	154,33	100	25	45	4,36	QPF16B1-019F25
	165,2	154,33	100	28	45	4,31	QPF16B1-019F28
	165,2	154,33	100	30	45	4,28	QPF16B1-019F30
	165,2	154,33	100	32	45	4,24	QPF16B1-019F32
	165,2	154,33	100	35	45	4,19	QPF16B1-019F35
	165,2	154,33	100	38	45	4,13	QPF16B1-019F38
	165,2	154,33	100	40	45	4,08	QPF16B1-019F40
	165,2	154,33	100	42	45	4,04	QPF16B1-019F42
	165,2	154,33	100	45	45	3,96	QPF16B1-019F45
	165,2	154,33	100	48	45	3,89	QPF16B1-019F48
165,2	154,33	100	50	45	3,83	QPF16B1-019F50	
20	173,2	162,38	100	25	45	4,63	QPF16B1-020F25
	173,2	162,38	100	28	45	4,58	QPF16B1-020F28
	173,2	162,38	100	30	45	4,55	QPF16B1-020F30
	173,2	162,38	100	32	45	4,52	QPF16B1-020F32
	173,2	162,38	100	35	45	4,46	QPF16B1-020F35
	173,2	162,38	100	38	45	4,40	QPF16B1-020F38
	173,2	162,38	100	40	45	4,36	QPF16B1-020F40
	173,2	162,38	100	42	45	4,31	QPF16B1-020F42
	173,2	162,38	100	45	45	4,24	QPF16B1-020F45
	173,2	162,38	100	48	45	4,16	QPF16B1-020F48
173,2	162,38	100	50	45	4,10	QPF16B1-020F50	
21	181,2	170,43	110	25	45	5,29	QPF16B1-021F25
	181,2	170,43	110	28	45	5,24	QPF16B1-021F28
	181,2	170,43	110	30	45	5,21	QPF16B1-021F30
	181,2	170,43	110	32	45	5,18	QPF16B1-021F32
	181,2	170,43	110	35	45	5,12	QPF16B1-021F35
	181,2	170,43	110	38	45	5,06	QPF16B1-021F38
	181,2	170,43	110	40	45	5,02	QPF16B1-021F40
	181,2	170,43	110	42	45	4,97	QPF16B1-021F42
	181,2	170,43	110	45	45	4,90	QPF16B1-021F45
	181,2	170,43	110	48	45	4,82	QPF16B1-021F48
181,2	170,43	110	50	45	4,76	QPF16B1-021F50	

Z	D _e [mm]	D _p [mm]	D _m [mm]	d ₁ [mm]	A [mm]	W [kg]	Part Number
22	189,3	178,48	110	25	45	5,59	QPF16B1-022F25
	189,3	178,48	110	28	45	5,55	QPF16B1-022F28
	189,3	178,48	110	30	45	5,51	QPF16B1-022F30
	189,3	178,48	110	32	45	5,48	QPF16B1-022F32
	189,3	178,48	110	35	45	5,42	QPF16B1-022F35
	189,3	178,48	110	38	50	5,69	QPF16B1-022F38
	189,3	178,48	110	40	50	5,64	QPF16B1-022F40
	189,3	178,48	110	42	50	5,59	QPF16B1-022F42
	189,3	178,48	110	45	50	5,51	QPF16B1-022F45
	189,3	178,48	110	48	50	5,42	QPF16B1-022F48
189,3	178,48	110	50	50	5,36	QPF16B1-022F50	
23	197,5	186,53	110	25	50	6,26	QPF16B1-023F25
	197,5	186,53	110	28	50	6,22	QPF16B1-023F28
	197,5	186,53	110	30	50	6,18	QPF16B1-023F30
	197,5	186,53	110	32	50	6,14	QPF16B1-023F32
	197,5	186,53	110	35	50	6,08	QPF16B1-023F35
	197,5	186,53	110	38	50	6,01	QPF16B1-023F38
	197,5	186,53	110	40	50	5,96	QPF16B1-023F40
	197,5	186,53	110	42	50	5,91	QPF16B1-023F42
	197,5	186,53	110	45	50	5,83	QPF16B1-023F45
	197,5	186,53	110	48	50	5,74	QPF16B1-023F48
197,5	186,53	110	50	50	5,68	QPF16B1-023F50	
24	205,5	194,59	110	25	50	6,59	QPF16B1-024F25
	205,5	194,59	110	28	50	6,54	QPF16B1-024F28
	205,5	194,59	110	30	50	6,50	QPF16B1-024F30
	205,5	194,59	110	32	50	6,46	QPF16B1-024F32
	205,5	194,59	110	35	50	6,40	QPF16B1-024F35
	205,5	194,59	110	38	50	6,33	QPF16B1-024F38
	205,5	194,59	110	40	50	6,29	QPF16B1-024F40
	205,5	194,59	110	42	50	6,24	QPF16B1-024F42
	205,5	194,59	110	45	50	6,15	QPF16B1-024F45
	205,5	194,59	110	48	50	6,07	QPF16B1-024F48
205,5	194,59	110	50	50	6,01	QPF16B1-024F50	
25	213,5	202,66	110	25	50	6,93	QPF16B1-025F25
	213,5	202,66	110	28	50	6,88	QPF16B1-025F28
	213,5	202,66	110	30	50	6,84	QPF16B1-025F30
	213,5	202,66	110	32	50	6,80	QPF16B1-025F32
	213,5	202,66	110	35	50	6,74	QPF16B1-025F35
	213,5	202,66	110	38	50	6,67	QPF16B1-025F38
	213,5	202,66	110	40	50	6,62	QPF16B1-025F40
	213,5	202,66	110	42	50	6,57	QPF16B1-025F42
	213,5	202,66	110	45	50	6,49	QPF16B1-025F45
	213,5	202,66	110	48	50	6,40	QPF16B1-025F48
213,5	202,66	110	50	50	6,34	QPF16B1-025F50	

ISO sprocket with finished bore

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

ES ELITESYSTEM® SIMPLEX AND DUPLEX
HARDENED TEETH SPROCKETS
WITH PILOT BORE ISO SERIES



DRIVE
SOLUTIONS

The background of the entire page is a light blue color with several silver-colored metal sprockets of various sizes scattered across it. Some sprockets are in sharp focus, while others are blurred in the background, creating a sense of depth.

**SPROCKETS
WITH PILOT BORE**

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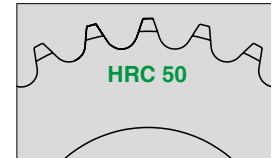
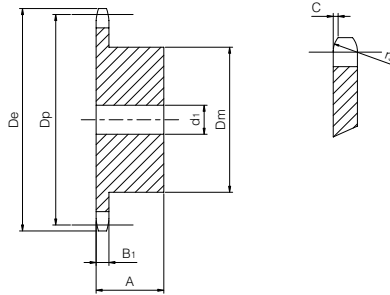
ES ELITESYSTEM® SIMPLEX HARDENED TEETH SPROCKETS WITH PILOT BORE



Simplex hardened teeth sprocket with pilot bore

ISO 06B-1 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width B_1	5,3
CHAIN	[mm]
Pitch	9,525
Internal width	5,71
Roller ϕ	6,35



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
13	43,5	39,80	28	8	25	0,13	QPHS06B1-013
14	46,5	42,80	31	8	25	0,16	QPHS06B1-014
15	49,5	45,81	34	8	25	0,19	QPHS06B1-015
16	52,5	48,82	37	10	28	0,24	QPHS06B1-016
17	55,5	51,83	40	10	28	0,28	QPHS06B1-017
18	58,6	54,85	43	10	28	0,33	QPHS06B1-018
19	61,6	57,87	45	10	28	0,36	QPHS06B1-019
20	64,6	60,89	46	10	28	0,39	QPHS06B1-020
21	67,6	63,91	48	12	28	0,42	QPHS06B1-021
22	70,6	66,93	50	12	28	0,46	QPHS06B1-022
23	73,7	69,95	52	12	28	0,50	QPHS06B1-023
24	76,7	72,97	54	12	28	0,54	QPHS06B1-024
25	79,7	76,00	57	12	28	0,60	QPHS06B1-025
30	94,8	91,12	60	12	30	0,72	QPHS06B1-030

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weigth

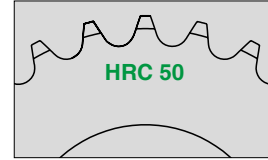
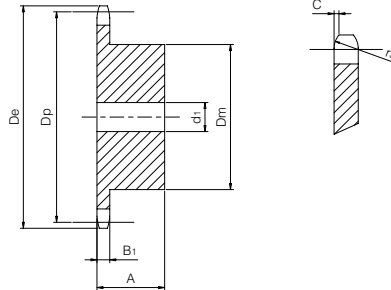
ISO simplex sprockets with pilot bore

Simplex hardened teeth sprocket with pilot bore



ISO 08B-1 Pitch 1/2" x 5/16"

SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width B_1	7,2
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part Number
12	53,9	49,07	33	10	28	0,21	QPHS08B1-012
13	57,9	53,06	37	10	28	0,26	QPHS08B1-013
14	61,9	57,07	41	10	28	0,32	QPHS08B1-014
15	65,9	61,09	45	10	28	0,38	QPHS08B1-015
16	69,9	65,10	50	12	28	0,46	QPHS08B1-016
17	74,0	69,11	52	12	28	0,51	QPHS08B1-017
18	78,0	73,14	56	12	28	0,59	QPHS08B1-018
19	82,0	77,16	60	12	28	0,67	QPHS08B1-019
20	86,0	81,19	64	12	28	0,76	QPHS08B1-020
21	90,1	85,22	68	14	28	0,85	QPHS08B1-021
22	94,1	89,24	70	14	28	0,91	QPHS08B1-022
23	98,1	93,27	70	14	28	0,95	QPHS08B1-023
24	102,1	97,29	70	14	28	0,98	QPHS08B1-024
25	106,2	101,33	70	14	28	1,01	QPHS08B1-025
30	126,3	121,50	80	16	30	1,46	QPHS08B1-030

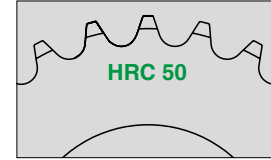
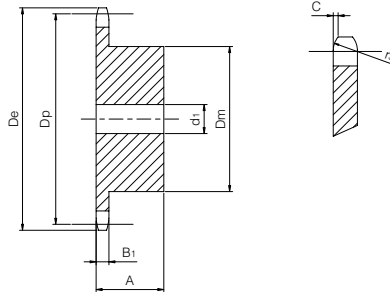
Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weigth

Simplex hardened teeth sprocket with pilot bore



ISO 10B-1 Pitch 5/8" x 3/8"

SPROCKET		[mm]
Tooth radius r_3	16	
Radius width C	1,6	
Tooth width B_1	9,1	
CHAIN		[mm]
Pitch	15,875	
Internal width	9,65	
Roller ϕ	10,16	



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part Number
12	68,2	61,34	42	12	30	0,37	QPHS10B1-012
13	73,2	66,32	47	12	30	0,46	QPHS10B1-013
14	78,2	71,34	52	12	30	0,56	QPHS10B1-014
15	83,2	76,36	57	12	30	0,67	QPHS10B1-015
16	88,3	81,37	60	12	30	0,76	QPHS10B1-016
17	93,3	86,39	60	12	30	0,88	QPHS10B1-017
18	98,3	91,42	70	14	30	1,01	QPHS10B1-018
19	103,3	96,45	70	14	30	1,15	QPHS10B1-019
20	108,4	101,49	75	14	30	1,21	QPHS10B1-020
21	113,4	106,52	75	16	30	1,35	QPHS10B1-021
22	118,4	111,55	80	16	30	1,41	QPHS10B1-022
23	123,5	116,58	80	16	30	1,47	QPHS10B1-023
24	128,5	121,62	80	16	30	1,54	QPHS10B1-024
25	133,6	126,66	80	16	30	1,60	QPHS10B1-025
30	158,8	151,87	90	20	35	2,41	QPHS10B1-030

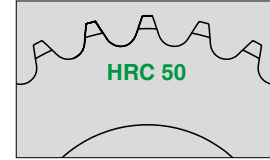
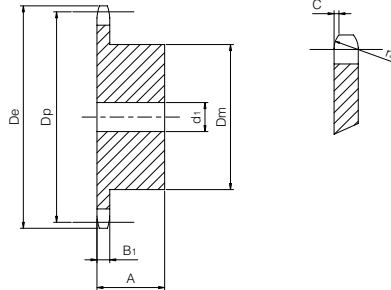
Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

Simplex hardened teeth sprocket with pilot bore



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	19,50
Internal width	11,68
Roller ϕ	12,07



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
12	81,8	73,60	52	16	35	0,65	QPHS12B1-012
13	87,8	79,59	58	16	35	0,80	QPHS12B1-013
14	93,8	85,61	64	16	35	0,97	QPHS12B1-014
15	99,8	91,63	70	16	35	1,16	QPHS12B1-015
16	105,8	97,65	75	16	35	1,34	QPHS12B1-016
17	111,9	103,67	80	16	35	1,53	QPHS12B1-017
18	117,9	109,71	80	16	35	1,62	QPHS12B1-018
19	123,9	115,75	80	16	35	1,70	QPHS12B1-019
20	130,0	121,78	80	16	35	1,80	QPHS12B1-020
21	136,0	127,82	90	20	40	2,35	QPHS12B1-021
22	142,0	133,86	90	20	40	2,46	QPHS12B1-022
23	148,1	139,90	90	20	40	2,56	QPHS12B1-023
24	154,1	145,94	90	20	40	2,68	QPHS12B1-024
25	160,2	152,00	90	20	40	2,80	QPHS12B1-025
30	190,4	182,25	95	20	40	3,63	QPHS12B1-030

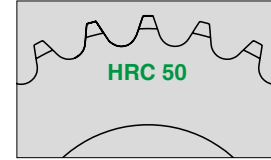
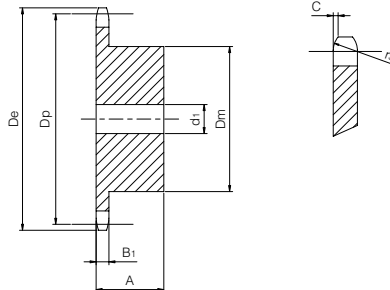
Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weighth

Simplex hardened teeth sprocket with pilot bore



ISO 16B-1 Pitch 1" x 17,02 mm

SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width B_1	16,2
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
12	109,7	98,14	69	16	40	1,43	QPHS16B1-012
13	117,7	106,12	78	16	40	1,77	QPHS16B1-013
14	125,7	114,15	84	16	40	2,08	QPHS16B1-014
15	133,7	122,17	92	16	40	2,46	QPHS16B1-015
16	141,8	130,20	100	20	45	3,14	QPHS16B1-016
17	149,8	138,22	100	20	45	3,33	QPHS16B1-017
18	157,8	146,28	100	20	45	3,56	QPHS16B1-018
19	165,9	154,33	100	20	45	3,78	QPHS16B1-019
20	173,9	162,38	100	20	45	4,03	QPHS16B1-020
21	182,0	170,43	110	20	50	5,01	QPHS16B1-021
22	190,1	178,48	110	20	50	5,28	QPHS16B1-022
23	198,1	186,53	110	20	50	5,56	QPHS16B1-023
24	206,2	194,59	110	20	50	5,86	QPHS16B1-024
25	214,2	202,66	110	20	50	6,16	QPHS16B1-025
30	254,6	243,00	120	20	50	8,38	QPHS16B1-030

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weighth

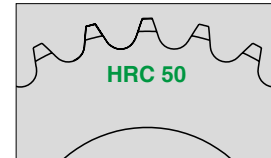
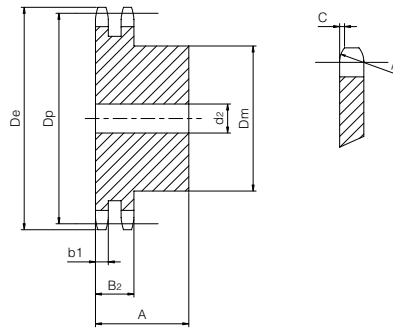
ES ELITESYSTEM® DUPLEX HARDENED TEETH SPROCKETS WITH PILOT BORE



Duplex hardened teeth sprocket with pilot bore

ISO 06B-2 Pitch 3/8" x 7/32"

SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1
Tooth width b_1	5,2
Tooth width B_2	15,4
CHAIN	[mm]
Pitch	9,525
Internal width	5,71
Roller ϕ	6,35



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part Number
13	43,5	39,80	28	10	30	0,16	QPHD06B2-013
14	46,5	42,80	31	10	30	0,20	QPHD06B2-014
15	49,5	45,81	34	10	30	0,24	QPHD06B2-015
16	52,5	48,82	37	12	30	0,27	QPHD06B2-016
17	55,5	51,83	40	12	30	0,32	QPHD06B2-017
18	58,6	54,85	43	12	30	0,38	QPHD06B2-018
19	61,6	57,87	46	12	30	0,42	QPHD06B2-019
20	64,6	60,89	49	12	30	0,48	QPHD06B2-020
21	67,6	63,91	52	16	30	0,52	QPHD06B2-021
22	70,6	66,93	55	16	30	0,58	QPHD06B2-022
23	73,7	69,95	58	16	30	0,64	QPHD06B2-023
24	76,7	72,97	61	16	30	0,71	QPHD06B2-024
25	79,7	76,00	64	16	30	0,79	QPHD06B2-025
30	94,8	91,12	79	16	30	1,20	QPHD06B2-030

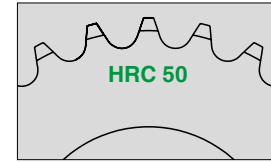
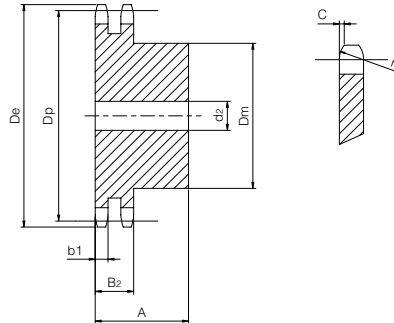
Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weigth

Duplex hardened teeth sprocket with pilot bore

ISO 08B-2 Pitch 1/2" x 5/16"



SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width b_1	7
Tooth width B_2	21
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part Number
12	53,9	49,07	35	12	35	0,30	QPHD08B2-012
13	57,9	53,06	38	12	35	0,36	QPHD08B2-013
14	61,9	57,07	42	12	35	0,44	QPHD08B2-014
15	65,9	61,09	46	12	35	0,52	QPHD08B2-015
16	69,9	65,10	50	16	38	0,63	QPHD08B2-016
17	74,0	69,11	54	16	38	0,73	QPHD08B2-017
18	78,0	73,14	58	16	38	0,85	QPHD08B2-018
19	82,0	77,16	62	16	38	0,97	QPHD08B2-019
20	86,0	81,19	66	16	38	1,10	QPHD08B2-020
21	90,1	85,22	70	16	40	1,29	QPHD08B2-021
22	94,1	89,24	70	16	40	1,37	QPHD08B2-022
23	98,1	93,27	70	16	40	1,46	QPHD08B2-023
24	102,1	97,29	75	16	40	1,64	QPHD08B2-024
25	106,2	101,33	80	16	40	1,82	QPHD08B2-025
30	126,3	121,50	100	16	40	2,79	QPHD08B2-030

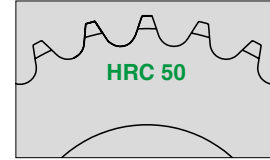
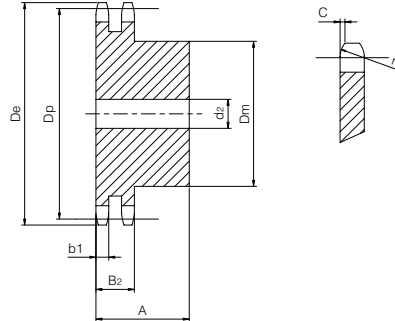
Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

Duplex hardened teeth sprocket with pilot bore



ISO 10B-2 Pitch 5/8" x 3/8"

SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width b_1	9
Tooth width B_2	25,5
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part Number
12	68,2	61,34	44	16	40	0,55	QPHD10B2-012
13	73,2	66,32	49	16	40	0,68	QPHD10B2-013
14	78,2	71,34	54	16	40	0,82	QPHD10B2-014
15	83,2	76,36	59	16	40	0,97	QPHD10B2-015
16	88,3	81,37	64	16	45	1,26	QPHD10B2-016
17	93,3	86,39	69	16	45	1,46	QPHD10B2-017
18	98,3	91,42	74	16	45	1,67	QPHD10B2-018
19	103,3	96,45	79	16	45	1,90	QPHD10B2-019
20	108,4	101,49	84	16	45	2,14	QPHD10B2-020
21	113,4	106,52	85	16	45	2,27	QPHD10B2-021
22	118,4	111,55	90	16	45	2,54	QPHD10B2-022
23	123,5	116,58	95	16	45	2,82	QPHD10B2-023
24	128,5	121,62	100	16	45	3,11	QPHD10B2-024
25	133,6	126,66	105	16	45	3,15	QPHD10B2-025
30	158,8	151,87	120	20	45	4,87	QPHD10B2-030

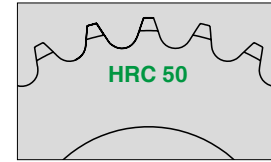
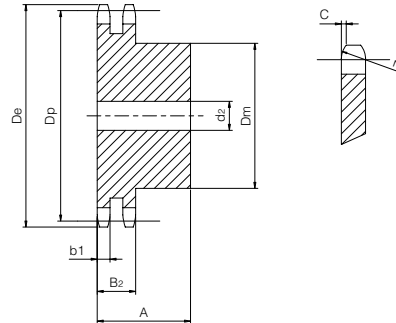
Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

Duplex hardened teeth sprocket with pilot bore

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	19,50
Internal width	11,68
Roller ϕ	12,07



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part Number
12	81,8	73,60	53	16	50	1,02	QPHD12B2-012
13	87,8	79,59	59	16	50	1,25	QPHD12B2-013
14	93,8	85,61	65	16	50	1,46	QPHD12B2-014
15	99,8	91,63	71	16	50	1,74	QPHD12B2-015
16	105,8	97,65	77	20	50	2,03	QPHD12B2-016
17	111,9	103,67	83	20	50	2,36	QPHD12B2-017
18	117,9	109,71	89	20	50	2,70	QPHD12B2-018
19	123,9	115,75	95	20	50	3,07	QPHD12B2-019
20	130,0	121,78	100	20	50	3,43	QPHD12B2-020
21	136,0	127,82	100	20	50	3,69	QPHD12B2-021
22	142,0	133,86	100	20	50	3,97	QPHD12B2-022
23	148,1	139,90	110	20	50	4,51	QPHD12B2-023
24	154,1	145,94	110	20	50	4,81	QPHD12B2-024
25	160,2	152,00	120	20	50	5,41	QPHD12B2-025
30	190,4	182,25	120	20	50	7,19	QPHD12B2-030

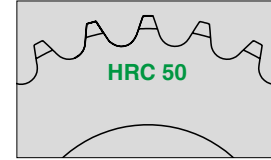
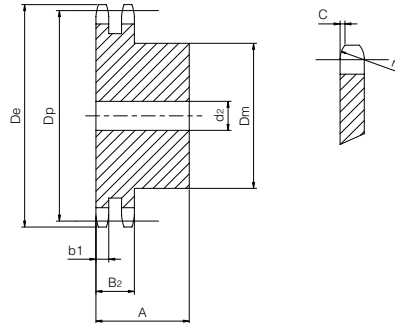
Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

Duplex hardened teeth sprocket with pilot bore



ISO 16B-2 Pitch 1" x 17,02 mm

SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width b_1	15,8
Tooth width B_2	47,7
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part Number
12	109,7	98,14	72	20	70	2,60	QPHD16B2-012
13	117,7	106,12	80	20	70	3,18	QPHD16B2-013
14	125,7	114,15	88	20	70	3,82	QPHD16B2-014
15	133,7	122,17	96	20	70	4,51	QPHD16B2-015
16	141,8	130,20	104	20	70	5,17	QPHD16B2-016
17	149,8	138,22	112	20	70	5,98	QPHD16B2-017
18	157,8	146,28	120	20	70	6,84	QPHD16B2-018
19	165,9	154,33	128	20	70	7,76	QPHD16B2-019
20	173,9	162,38	130	20	70	8,52	QPHD16B2-020
21	182,0	170,43	130	25	70	9,24	QPHD16B2-021
22	190,1	178,48	130	25	70	10,00	QPHD16B2-022
23	198,1	186,53	130	25	70	10,80	QPHD16B2-023
24	206,2	194,59	130	25	70	11,64	QPHD16B2-024
25	214,2	202,66	130	25	70	12,52	QPHD16B2-025
30	254,6	243,00	130	25	70	17,48	QPHD16B2-030

Material	Steel C45
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

ES ELITESYSTEM® STAINLESS STEEL
SIMPLEX SPROCKETS ISO SERIES



DRIVE
SOLUTIONS

A collection of stainless steel sprockets of various sizes and tooth counts, arranged in a cluster. The sprockets are shown in a close-up, slightly overlapping manner, highlighting their metallic texture and sharp teeth. The background is a solid light blue color.

STAINLESS STEEL SPROCKETS

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ISO 16B-1 pitch 1" x 17,02 mm	123



ES ELITESYSTEM® STAINLESS STEEL SIMPLEX SPROCKETS

Stainless steel simplex sprocket

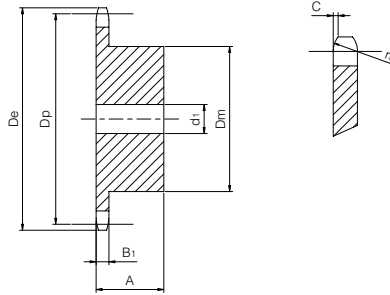
for chain according to DIN 8187 - ISO/R 606

ISO 06B-1

Pitch 3/8" x 7/32"



SPROCKET		[mm]
Tooth radius r_3	10	
Radius width C	1	
Tooth width B_1	5,3	
CHAIN		[mm]
Pitch	9,525	
Internal width	5,71	
Roller \varnothing	6,35	



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part Number
13	43,5	39,80	28	8	25	0,13	QPXS06B1-013
14	46,5	42,80	31	8	25	0,16	QPXS06B1-014
15	49,5	45,81	34	8	25	0,18	QPXS06B1-015
16	52,5	48,82	37	10	28	0,24	QPXS06B1-016
17	55,5	51,83	40	10	28	0,28	QPXS06B1-017
18	58,6	54,85	43	10	28	0,33	QPXS06B1-018
19	61,6	57,87	45	10	28	0,36	QPXS06B1-019
20	64,6	60,89	46	10	28	0,39	QPXS06B1-020
21	67,6	63,91	48	12	28	0,42	QPXS06B1-021
23	73,7	69,95	52	12	28	0,50	QPXS06B1-023
25	79,7	76,00	57	12	28	0,60	QPXS06B1-025
30	94,8	91,12	60	12	30	0,72	QPXS06B1-030

Material	INOX AISI 304 L
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weigth

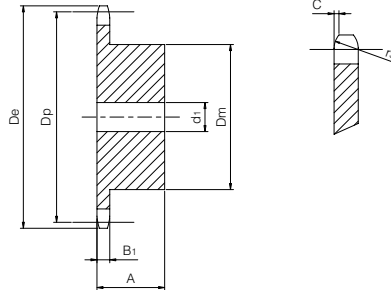
Stainless steel simplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 08B-1 Pitch 1/2" x 5/16"



SPROCKET	[mm]
Tooth radius r_3	13
Radius width C	1,3
Tooth width B_1	7,2
CHAIN	[mm]
Pitch	12,7
Internal width	7,75
Roller ϕ	8,51



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part Number
12	53,9	49,07	33	10	28	0,21	QPXS08B1-012
13	57,9	53,06	37	10	28	0,26	QPXS08B1-013
14	61,9	57,07	41	10	28	0,32	QPXS08B1-014
15	65,9	61,09	45	10	28	0,38	QPXS08B1-015
16	69,9	65,10	50	12	28	0,46	QPXS08B1-016
17	74,0	69,11	52	12	28	0,51	QPXS08B1-017
18	78,0	73,14	56	12	28	0,59	QPXS08B1-018
19	82,0	77,16	60	12	28	0,67	QPXS08B1-019
20	86,0	81,19	64	12	28	0,76	QPXS08B1-020
21	90,1	85,22	68	14	28	0,85	QPXS08B1-021
23	98,1	93,27	70	14	28	0,94	QPXS08B1-023
25	106,2	101,33	70	14	28	1,01	QPXS08B1-025
30	126,3	121,50	80	16	30	1,46	QPXS08B1-030

Material	INOX AISI 304 L
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

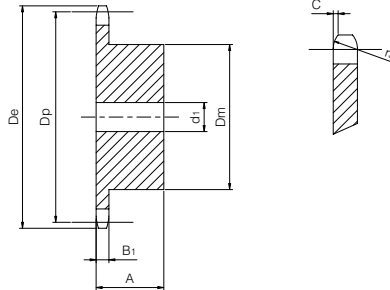
Stainless steel simplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 10B-1 Pitch 5/8" x 3/8"



SPROCKET	[mm]
Tooth radius r_3	16
Radius width C	1,6
Tooth width B_1	9,1
CHAIN	[mm]
Pitch	15,875
Internal width	9,65
Roller ϕ	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part Number
13	73,2	66,32	47	12	30	0,46	QPXS10B1-013
14	78,2	71,34	52	12	30	0,56	QPXS10B1-014
15	83,2	76,36	57	12	30	0,67	QPXS10B1-015
16	88,3	81,37	60	12	30	0,76	QPXS10B1-016
17	93,3	86,39	60	12	30	0,88	QPXS10B1-017
18	98,3	91,42	70	14	30	1,01	QPXS10B1-018
19	103,3	96,45	70	14	30	1,15	QPXS10B1-019
20	108,4	101,49	75	14	30	1,21	QPXS10B1-020
21	113,4	106,52	75	16	30	1,35	QPXS10B1-021
23	123,5	116,58	80	16	30	1,47	QPXS10B1-023
25	133,6	126,66	80	16	30	1,60	QPXS10B1-025
30	158,8	151,87	90	20	35	2,41	QPXS10B1-030

Material	INOX AISI 304 L
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weigth

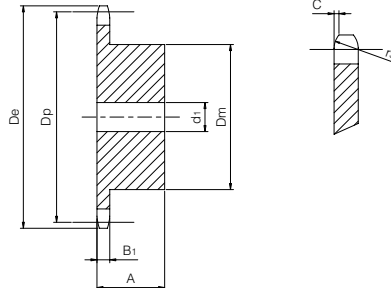
Stainless steel simplex sprocket

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	19,50
Internal width	11,68
Roller ϕ	12,07



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part Number
13	87,8	79,59	58	16	35	0,80	QPXS12B1-013
14	93,8	85,61	64	16	35	0,97	QPXS12B1-014
15	99,8	91,63	70	16	35	1,16	QPXS12B1-015
16	105,8	97,65	75	16	35	1,34	QPXS12B1-016
17	111,9	103,67	80	16	35	1,53	QPXS12B1-017
18	117,9	109,71	80	16	35	1,62	QPXS12B1-018
19	123,9	115,75	80	16	35	1,70	QPXS12B1-019
20	130,0	121,78	80	16	35	1,80	QPXS12B1-020
21	136,0	127,82	90	20	40	2,35	QPXS12B1-021
23	148,1	139,90	90	20	40	2,56	QPXS12B1-023
25	160,2	152,00	90	20	40	2,80	QPXS12B1-025

Material	INOX AISI 304 L
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weighth

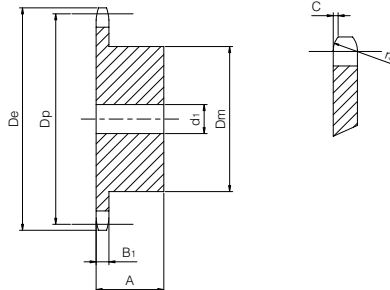
Stainless steel simplex sprocket

for chain according to DIN 8187 - ISO/R 606

ISO 16B-1 Pitch 1" x 17,02 mm



SPROCKET	[mm]
Tooth radius r_3	26
Radius width C	2,5
Tooth width B_1	16,2
CHAIN	[mm]
Pitch	25,4
Internal width	17,02
Roller ϕ	15,88



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part Number
12	109,7	98,14	69	16	40	1,43	QPXS16B1-012
13	117,7	106,12	78	16	40	1,77	QPXS16B1-013
14	125,7	114,15	84	16	40	2,08	QPXS16B1-014
15	133,7	122,17	92	16	40	2,46	QPXS16B1-015
16	141,8	130,20	100	20	45	3,14	QPXS16B1-016
17	149,8	138,22	100	20	45	3,34	QPXS16B1-017
18	157,8	146,28	100	20	45	3,56	QPXS16B1-018
19	165,9	154,33	100	20	45	3,78	QPXS16B1-019
20	173,9	162,38	100	20	45	4,03	QPXS16B1-020
21	182,0	170,43	110	20	50	5,14	QPXS16B1-021

Material	INOX AISI 304 L
D_e	External diameter
D_p	Pitch diameter
D_m	Hub diameter
W	Weigth

ES ELITESYSTEM® SIMPLEX AND DUPLEX
SPROCKETS ASA SERIES



DRIVE
SOLUTIONS

The background of the right half of the page is a close-up photograph of several metallic sprockets of various sizes, arranged in a circular pattern. The sprockets are highly reflective, showing bright highlights and shadows. The background is a solid light blue color.

ASA SERIES SPROCKETS

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For other sizes/number of teeth, contact our Technical Department
at the email: ufficio.tecnico@sitspa.it

ES ELITESYSTEM® SIMPLEX SPROCKETS

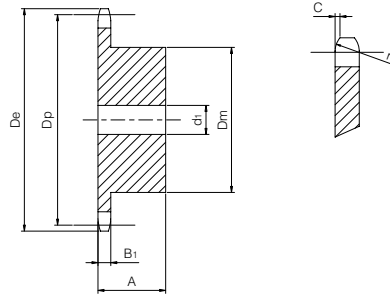
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 35-1 Pitch 9,525 x 4,77 mm

SPROCKET		[mm]
Tooth radius r_3	10	
Radius width C	1,2	
Tooth width B_1	4,3	
CHAIN		[mm]
Pitch	9,525	
Internal width	4,77	
Roller \varnothing	5,08	



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
9	31,5	27,85	18	8	20	0,05	QPSA35-1-009
10	34,5	30,82	20	8	20	0,05	QPSA35-1-010
11	37,5	33,80	22	8	25	0,08	QPSA35-1-011
12	40,5	36,80	25	8	25	0,10	QPSA35-1-012
13	43,5	39,80	28	8	25	0,12	QPSA35-1-013
14	46,5	42,80	31	8	25	0,15	QPSA35-1-014
15	49,5	45,81	34	8	25	0,19	QPSA35-1-015
16	52,5	48,82	37	10	28	0,24	QPSA35-1-016
17	55,5	51,83	40	10	28	0,28	QPSA35-1-017
18	58,6	54,85	43	10	28	0,32	QPSA35-1-018
19	61,6	57,87	45	10	28	0,36	QPSA35-1-019
20	64,6	60,89	46	10	28	0,38	QPSA35-1-020
21	67,6	63,91	48	12	28	0,41	QPSA35-1-021
22	70,6	66,93	50	12	28	0,45	QPSA35-1-022
23	73,7	69,95	52	12	28	0,49	QPSA35-1-023
24	76,7	72,97	54	12	28	0,54	QPSA35-1-024
25	79,7	76,00	57	12	28	0,60	QPSA35-1-025
27	85,7	82,04	60	12	28	0,67	QPSA35-1-027
28	88,8	85,07	60	12	28	0,68	QPSA35-1-028
29	91,8	88,09	60	12	28	0,70	QPSA35-1-029
30	94,8	91,12	60	12	30	0,72	QPSA35-1-030
32	100,9	97,17	65	14	30	0,86	QPSA35-1-032
34	106,9	103,23	65	14	30	0,92	QPSA35-1-034
35	110,0	106,26	65	14	30	0,94	QPSA35-1-035
36	113,0	109,29	70	16	30	1,05	QPSA35-1-036
38	119,0	115,34	70	16	30	1,08	QPSA35-1-038
40	125,1	121,40	70	16	30	1,10	QPSA35-1-040

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

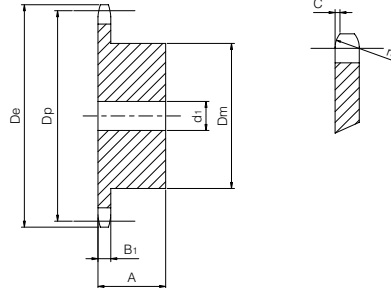
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 40-1 Pitch 12,7 x 7,95 mm

SPROCKET	[mm]
Tooth radius r_3	13,5
Radius width C	1,6
Tooth width B_1	7,2
CHAIN	[mm]
Pitch	12,7
Internal width	7,95
Roller ϕ	7,95



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
9	43,2	37,13	24	10	25	0,09	QPSA40-1-009
10	47,2	41,10	26	10	25	0,12	QPSA40-1-010
11	51,2	45,07	29	10	25	0,14	QPSA40-1-011
12	55,2	49,07	33	10	28	0,20	QPSA40-1-012
13	59,2	53,06	37	10	28	0,26	QPSA40-1-013
14	63,2	57,07	41	10	28	0,32	QPSA40-1-014
15	67,2	61,09	45	10	28	0,38	QPSA40-1-015
16	71,2	65,10	50	12	28	0,45	QPSA40-1-016
17	75,2	69,11	52	12	28	0,50	QPSA40-1-017
18	79,2	73,14	56	12	28	0,58	QPSA40-1-018
19	83,3	77,16	60	12	28	0,67	QPSA40-1-019
20	87,3	81,19	64	12	28	0,77	QPSA40-1-020
21	91,3	85,22	68	14	28	0,84	QPSA40-1-021
22	95,4	89,24	70	14	28	0,91	QPSA40-1-022
23	99,4	93,27	70	14	28	0,94	QPSA40-1-023
24	103,4	97,29	70	14	28	0,97	QPSA40-1-024
25	107,4	101,33	70	14	28	1,01	QPSA40-1-025
26	111,5	105,36	70	16	30	1,09	QPSA40-1-026
27	115,5	109,40	70	16	30	1,13	QPSA40-1-027
28	119,5	113,42	70	16	30	1,16	QPSA40-1-028
29	123,6	117,46	80	16	30	1,41	QPSA40-1-029
30	127,6	121,50	80	16	30	1,46	QPSA40-1-030
32	135,7	129,56	90	16	30	1,78	QPSA40-1-032
34	143,8	137,64	90	16	30	1,87	QPSA40-1-034
35	147,8	141,68	90	16	30	1,92	QPSA40-1-035
36	151,8	145,72	90	16	35	2,21	QPSA40-1-036
38	159,9	153,80	90	16	35	2,32	QPSA40-1-038
40	168,0	161,87	90	16	35	2,43	QPSA40-1-040

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

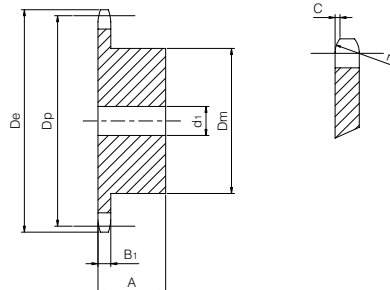
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 50-1 Pitch 15,875 x 9,53 mm

SPROCKET		[mm]
Tooth radius r_3	17	
Radius width C	2	
Tooth width B_1	8,7	
CHAIN		[mm]
Pitch	15,875	
Internal width	9,53	
Roller ϕ	10,16	



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	48,4	41,48	25	10	25	0,11	QPSA50-1-008
9	53,3	46,42	30	10	25	0,16	QPSA50-1-009
10	58,3	51,37	35	10	25	0,22	QPSA50-1-010
11	63,2	56,34	37	12	30	0,29	QPSA50-1-011
12	68,2	61,34	42	12	30	0,37	QPSA50-1-012
13	73,2	66,32	47	12	30	0,46	QPSA50-1-013
14	78,2	71,34	52	12	30	0,56	QPSA50-1-014
15	83,2	76,36	57	12	30	0,67	QPSA50-1-015
16	88,3	81,37	60	12	30	0,75	QPSA50-1-016
17	93,3	86,39	60	12	30	0,87	QPSA50-1-017
18	98,3	91,42	70	14	30	1,00	QPSA50-1-018
19	103,3	96,45	70	14	30	1,15	QPSA50-1-019
20	108,4	101,49	75	14	30	1,20	QPSA50-1-020
21	113,4	106,52	75	16	30	1,35	QPSA50-1-021
22	118,4	111,55	80	16	30	1,40	QPSA50-1-022
23	123,5	116,58	80	16	30	1,47	QPSA50-1-023
24	128,5	121,62	80	16	30	1,53	QPSA50-1-024
25	133,6	126,66	80	16	30	1,60	QPSA50-1-025
26	138,6	131,70	85	20	35	1,96	QPSA50-1-026
27	143,6	136,75	85	20	35	2,03	QPSA50-1-027
28	148,7	141,78	90	20	35	2,25	QPSA50-1-028
29	153,7	146,83	90	20	35	2,33	QPSA50-1-029
30	158,8	151,87	90	20	35	2,41	QPSA50-1-030
31	163,8	156,92	95	20	35	2,64	QPSA50-1-031
32	168,9	161,95	95	20	35	2,73	QPSA50-1-032
33	173,9	167,00	95	20	35	2,82	QPSA50-1-033
34	178,9	172,05	95	20	35	2,91	QPSA50-1-034
35	184,0	177,10	95	20	35	3,01	QPSA50-1-035
36	189,0	182,15	100	20	35	3,26	QPSA50-1-036
37	194,1	187,20	100	20	35	3,36	QPSA50-1-037
38	199,1	192,24	100	20	35	3,47	QPSA50-1-038
39	204,2	197,29	100	20	35	3,57	QPSA50-1-039
40	209,2	202,34	100	20	35	3,68	QPSA50-1-040
45	236,0	227,58	108*	20	43	4,89	QPSA50-1-045
60	311,7	303,32	108*	25	43	8,35	QPSA50-1-060

Material	Steel C45
	* Fe - weld on hub
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

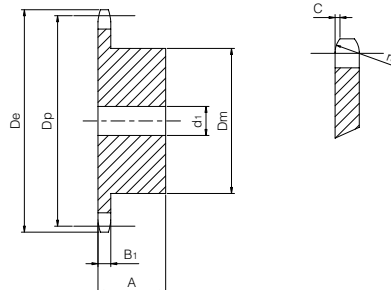
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 60-1 Pitch 19,05 x 12,7 mm

SPROCKET	[mm]
Tooth radius r_3	20
Radius width C	2,4
Tooth width B_1	11,6
CHAIN	[mm]
Pitch	19,05
Internal width	12,7
Roller ϕ	11,91



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part number
10	70,0	61,64	42	12	30	0,38	QPSA60-1-010
11	76,0	67,61	46	16	35	0,50	QPSA60-1-011
12	81,9	73,60	52	16	35	0,64	QPSA60-1-012
13	87,9	79,59	58	16	35	0,80	QPSA60-1-013
14	94,0	85,61	64	16	35	0,97	QPSA60-1-014
15	100,0	91,63	70	16	35	1,16	QPSA60-1-015
16	106,0	97,65	75	16	35	1,34	QPSA60-1-016
17	112,0	103,67	80	16	35	1,53	QPSA60-1-017
18	118,0	109,71	80	16	35	1,61	QPSA60-1-018
19	124,1	115,75	80	16	35	1,70	QPSA60-1-019
20	130,1	121,78	80	16	35	1,84	QPSA60-1-020
21	136,2	127,82	90	20	40	2,35	QPSA60-1-021
22	142,2	133,86	90	20	40	2,45	QPSA60-1-022
23	148,2	139,90	90	20	40	2,56	QPSA60-1-023
24	154,3	145,94	90	20	40	2,67	QPSA60-1-024
25	160,3	152,00	90	20	40	2,79	QPSA60-1-025
26	166,4	158,04	95	20	40	3,08	QPSA60-1-026
27	172,4	164,09	95	20	40	3,21	QPSA60-1-027
28	178,5	170,13	95	20	40	3,34	QPSA60-1-028
30	190,6	182,25	95	20	40	3,62	QPSA60-1-030
32	202,7	194,35	95	20	40	3,92	QPSA60-1-032
35	220,9	212,52	95	20	40	4,41	QPSA60-1-035
38	239,0	230,69	100	20	40	5,07	QPSA60-1-038
40	251,1	242,81	100	20	40	5,45	QPSA60-1-040

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

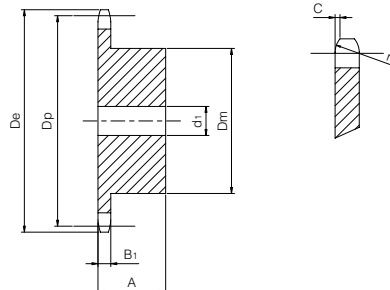
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 80-1 Pitch 25,4 x 15,88 mm

SPROCKET	[mm]
Tooth radius r_3	27
Radius width C	3,2
Tooth width B_1	14,6
CHAIN	[mm]
Pitch	25,4
Internal width	15,88
Roller ϕ	15,88



Z	De [mm]	Dp [mm]	Dm [mm]	d1 [mm]	A [mm]	W [kg]	Part number
8	77,9	66,37	42	16	35	0,47	QPSA80-1-008
9	85,8	74,27	50	16	35	0,65	QPSA80-1-009
10	93,8	82,19	55	16	35	0,82	QPSA80-1-010
11	101,7	90,14	61	16	40	1,13	QPSA80-1-011
12	109,7	98,14	69	16	40	1,42	QPSA80-1-012
13	117,7	106,12	78	16	40	1,77	QPSA80-1-013
14	125,7	114,15	84	16	40	2,07	QPSA80-1-014
15	133,7	122,17	92	16	40	2,46	QPSA80-1-015
16	141,8	130,20	100	20	45	3,13	QPSA80-1-016
17	149,8	138,22	100	20	45	3,34	QPSA80-1-017
18	157,8	146,28	100	20	45	3,55	QPSA80-1-018
19	165,9	154,33	100	20	45	3,78	QPSA80-1-019
20	173,9	162,38	100	20	45	4,02	QPSA80-1-020
21	182,0	170,43	110	20	50	5,01	QPSA80-1-021
22	190,1	178,48	110	20	50	5,26	QPSA80-1-022
23	198,1	186,53	110	20	50	5,56	QPSA80-1-023
24	206,2	194,59	110	20	50	5,85	QPSA80-1-024
25	214,2	202,66	110	20	50	6,16	QPSA80-1-025
26	222,3	210,72	120	20	50	6,96	QPSA80-1-026
27	230,4	218,79	120	20	50	7,29	QPSA80-1-027
28	238,4	226,85	120	20	50	7,64	QPSA80-1-028
29	246,5	234,92	120	20	50	7,78	QPSA80-1-029
30	254,6	243,00	120	20	50	7,96	QPSA80-1-030
34	286,9	275,28	120	25	50	9,92	QPSA80-1-034

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

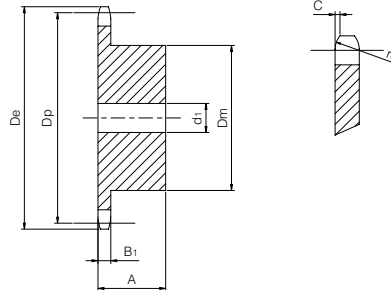
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 100-1 Pitch 31,75 x 19,05 mm

SPROCKET		[mm]
Tooth radius r_3		33,5
Radius width C		4
Tooth width B_1		17,6
CHAIN		[mm]
Pitch		31,75
Internal width		19,05
Roller ϕ		19,05



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part number
8	96,0	82,96	53	20	40	0,85	QPSA100-1-008
9	106,5	92,84	63	20	40	1,18	QPSA100-1-009
10	117,0	102,74	70	20	40	1,57	QPSA100-1-010
11	127,0	112,68	77	20	45	2,04	QPSA100-1-011
12	137,0	122,68	88	20	45	2,58	QPSA100-1-012
13	147,5	132,65	98	20	45	3,15	QPSA100-1-013
14	157,6	142,68	108	20	45	3,78	QPSA100-1-014
15	167,7	152,72	118	20	45	4,47	QPSA100-1-015
16	177,7	162,75	120	25	50	5,25	QPSA100-1-016
17	187,7	172,78	120	25	50	5,61	QPSA100-1-017
18	197,8	182,85	120	25	50	5,99	QPSA100-1-018
19	207,9	192,91	120	25	50	6,40	QPSA100-1-019
20	217,9	202,98	120	25	50	6,82	QPSA100-1-020
21	228,0	213,04	140	25	55	8,79	QPSA100-1-021
22	238,1	223,11	140	25	55	9,27	QPSA100-1-022
23	248,2	233,17	140	25	55	9,77	QPSA100-1-023
24	258,3	243,23	140	25	55	10,30	QPSA100-1-024
25	268,4	253,33	140	25	55	10,85	QPSA100-1-025

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

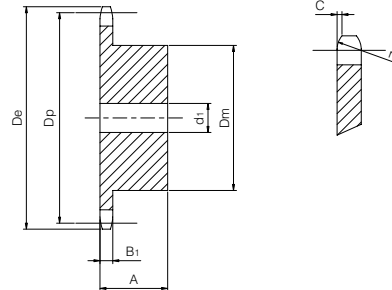
ASA simplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 120-1 Pitch 38,1 x 25,4 mm

SPROCKET	[mm]
Tooth radius r_3	40,5
Radius width C	4,8
Tooth width B_1	23,5
CHAIN	[mm]
Pitch	38,1
Internal width	25,4
Roller ϕ	22,23



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_1 [mm]	A [mm]	W [kg]	Part number
10	137,0	123,29	80	20	45	2,67	QPSA120-1-010
11	149,0	135,21	90	25	50	3,45	QPSA120-1-011
12	161,0	147,22	102	25	50	4,26	QPSA120-1-012
13	173,0	159,18	114	25	50	5,22	QPSA120-1-013
14	185,0	171,22	128	25	50	6,29	QPSA120-1-014
15	197,0	183,26	132	25	50	7,05	QPSA120-1-015

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

ES ELITESYSTEM® DUPLEX SPROCKETS

ASA duplex sprocket

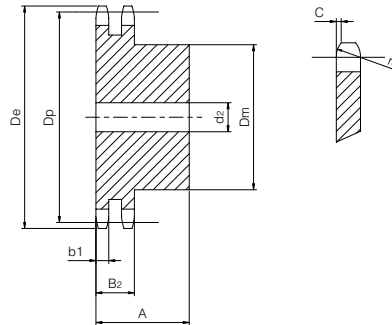
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ASA 35-2

Pitch 9,525 x 4,77 mm



SPROCKET	[mm]
Tooth radius r_3	10
Radius width C	1,2
Tooth width b_1	4,1
Tooth width B_2	14,3
CHAIN	[mm]
Pitch	9,525
Internal width	4,77
Roller \varnothing	5,08



Z	De [mm]	Dp [mm]	Dm [mm]	d2 [mm]	A [mm]	W [kg]	Part number
13	43,5	39,80	28	10	30	0,16	QPDA35-2-013
14	46,5	42,80	31	10	30	0,19	QPDA35-2-014
15	49,5	45,81	34	10	30	0,23	QPDA35-2-015
16	52,5	48,82	37	12	30	0,27	QPDA35-2-016
17	55,5	51,83	40	12	30	0,31	QPDA35-2-017
18	58,6	54,85	43	12	30	0,36	QPDA35-2-018
19	61,6	57,87	46	12	30	0,42	QPDA35-2-019
21	67,6	63,91	52	16	30	0,51	QPDA35-2-021
22	70,6	66,93	55	16	30	0,57	QPDA35-2-022
23	73,7	69,95	58	16	30	0,64	QPDA35-2-023
24	76,7	72,97	61	16	30	0,71	QPDA35-2-024
25	79,7	76,00	64	16	30	0,78	QPDA35-2-025
27	85,7	82,04	70	16	30	0,94	QPDA35-2-027
28	88,8	85,07	73	16	30	1,02	QPDA35-2-028
34	106,9	103,23	80	16	30	1,42	QPDA35-2-034
35	110,0	106,26	80	16	30	1,48	QPDA35-2-035
36	113,0	109,29	90	16	30	1,69	QPDA35-2-036
40	125,1	121,40	90	16	30	1,90	QPDA35-2-040

Material	Steel C45
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

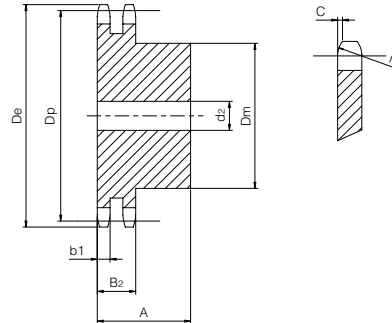
ASA duplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 40-2 Pitch 12,7 x 7,95 mm

SPROCKET	[mm]
Tooth radius r_3	13,5
Radius width C	1,6
Tooth width b_1	7
Tooth width B_2	21,4
CHAIN	[mm]
Pitch	12,7
Internal width	7,95
Roller \varnothing	7,95



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
10	47,2	41,10	28	10	32	0,19	QPDA40-2-010
12	55,2	49,07	35	12	35	0,29	QPDA40-2-012
13	59,2	53,06	38	12	35	0,35	QPDA40-2-013
14	63,2	57,07	42	12	35	0,43	QPDA40-2-014
15	67,2	61,09	46	12	35	0,52	QPDA40-2-015
16	71,2	65,10	50	16	38	0,62	QPDA40-2-016
17	75,2	69,11	54	16	38	0,73	QPDA40-2-017
19	83,3	77,16	62	16	38	0,97	QPDA40-2-019
21	91,3	85,22	70	16	40	1,28	QPDA40-2-021
22	95,4	89,24	70	16	40	1,37	QPDA40-2-022
23	99,4	93,27	70	16	40	1,46	QPDA40-2-023
24	103,4	97,29	75	16	40	1,63	QPDA40-2-024
25	107,4	101,33	80	16	40	1,82	QPDA40-2-025
26	111,5	105,36	85	16	40	2,01	QPDA40-2-026
27	115,5	109,40	85	16	40	2,12	QPDA40-2-027
28	119,5	113,42	90	16	40	2,33	QPDA40-2-028
30	127,6	121,50	100	16	40	2,79	QPDA40-2-030
35	147,8	141,68	100	16	40	3,40	QPDA40-2-035

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

ASA duplex sprocket

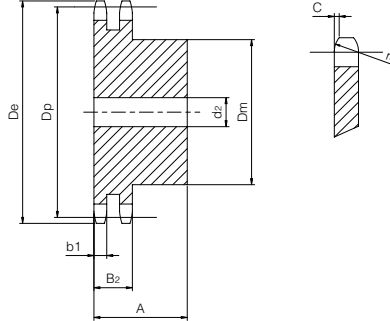
for chain according to DIN 8188 - ISO 606 - ANSI B 29.1

ASA 50-2

Pitch 15,875 x 9,53 mm



SPROCKET	[mm]
Tooth radius r_3	17
Radius width C	2
Tooth width b_1	8,4
Tooth width B_2	26,5
CHAIN	[mm]
Pitch	15,875
Internal width	9,53
Roller ϕ	10,16



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
10	58,3	51,37	35	12	40	0,37	QPDA50-2-010
12	68,2	61,34	44	16	40	0,54	QPDA50-2-012
13	73,2	66,32	49	16	40	0,67	QPDA50-2-013
14	78,2	71,34	54	16	40	0,82	QPDA50-2-014
15	83,2	76,36	59	16	40	0,97	QPDA50-2-015
16	88,3	81,37	64	16	45	1,25	QPDA50-2-016
17	93,3	86,39	69	16	45	1,45	QPDA50-2-017
19	103,3	96,45	79	16	45	1,67	QPDA50-2-019
20	108,4	101,49	84	16	45	2,14	QPDA50-2-020
21	113,4	106,52	85	16	45	2,27	QPDA50-2-021
22	118,4	111,55	90	16	45	2,54	QPDA50-2-022
23	123,5	116,58	95	16	45	2,81	QPDA50-2-023
24	128,5	121,62	100	16	45	3,11	QPDA50-2-024
25	133,6	126,66	105	16	45	3,14	QPDA50-2-025
26	138,6	131,70	110	20	45	3,74	QPDA50-2-026
27	143,6	136,75	110	20	45	3,94	QPDA50-2-027

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

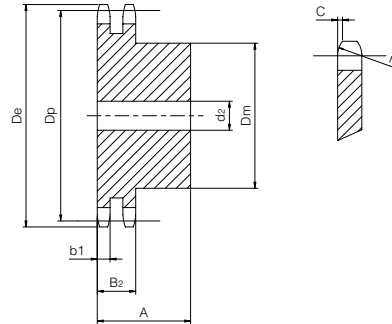
ASA duplex sprocket

for chain according to DIN 8188 - ISO 606 - ANSI B 29.1



ASA 60-2 Pitch 19,05 x 12,7 mm

SPROCKET	[mm]
Tooth radius r_3	20
Radius width C	2,4
Tooth width b_1	11,3
Tooth width B_2	34,1
CHAIN	[mm]
Pitch	19,05
Internal width	12,7
Roller \varnothing	11,91



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
10	70,0	61,64	42	16	45	0,58	QPDA60-2-010
11	76,0	67,61	47	16	50	0,80	QPDA60-2-011
12	81,9	73,60	53	16	50	1,01	QPDA60-2-012
13	87,9	79,59	59	16	50	1,24	QPDA60-2-013
14	94,0	85,61	65	16	50	1,45	QPDA60-2-014
15	100,0	91,63	71	16	50	1,73	QPDA60-2-015
16	106,0	97,65	77	20	50	2,03	QPDA60-2-016
17	112,0	103,67	83	20	50	2,35	QPDA60-2-017
18	118,0	109,71	89	20	50	2,70	QPDA60-2-018
19	124,1	115,75	95	20	50	3,06	QPDA60-2-019
20	130,1	121,78	100	20	50	3,45	QPDA60-2-020
21	136,2	127,82	100	20	50	3,69	QPDA60-2-021
22	142,2	133,86	100	20	50	3,96	QPDA60-2-022
23	148,2	139,90	110	20	50	4,50	QPDA60-2-023
24	154,3	145,94	110	20	50	4,81	QPDA60-2-024
25	160,3	152,00	120	20	50	5,40	QPDA60-2-025
26	166,4	158,04	120	20	50	5,73	QPDA60-2-026
28	178,5	170,13	120	20	50	6,43	QPDA60-2-028
30	190,6	182,25	120	20	50	7,18	QPDA60-2-030

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

ASA duplex sprocket

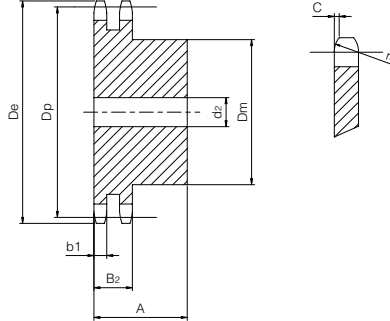
for chain according to DIN 8188 - ISO 606 - ANSI B 29.1

ASA 80-2

Pitch 25,4 x 15,88 mm



SPROCKET	[mm]
Tooth radius r_3	27
Radius width C	3,2
Tooth width b_1	14,1
Tooth width B_2	43,4
CHAIN	[mm]
Pitch	25,4
Internal width	15,88
Roller \varnothing	15,88



Z	D_e [mm]	D_p [mm]	D_m [mm]	d_2 [mm]	A [mm]	W [kg]	Part number
13	117,7	106,12	80	20	70	3,22	QPDA80-2-013
14	125,7	114,15	88	20	70	3,82	QPDA80-2-014
15	133,7	122,17	96	20	70	4,51	QPDA80-2-015
16	141,8	130,20	104	20	70	5,17	QPDA80-2-016
17	149,8	138,22	112	20	70	5,97	QPDA80-2-017
18	157,8	146,28	120	20	70	6,84	QPDA80-2-018
19	165,9	154,33	128	20	70	7,75	QPDA80-2-019
20	173,9	162,38	130	20	70	8,43	QPDA80-2-020
21	182,0	170,43	130	20	70	9,10	QPDA80-2-021

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

ES ELITESYSTEM® IDLER SPROCKETS
WITH BALL BEARING



DRIVE
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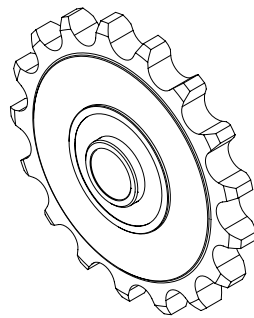
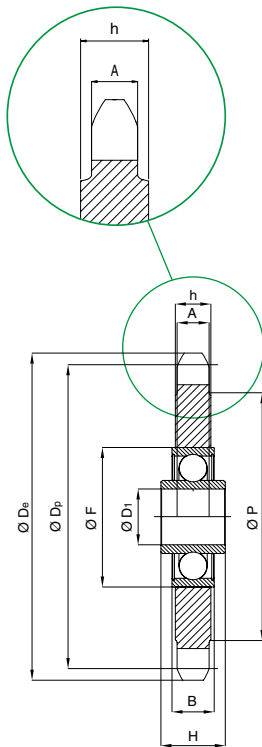


Fig. 1

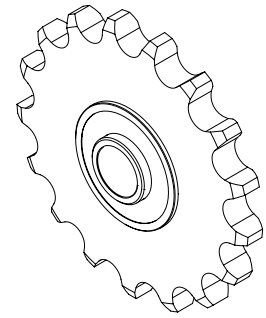
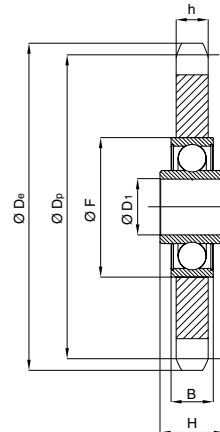


Fig. 2

ISO Serie	Pitch [mm]	Z [mm]	D _e [mm]	D _p [mm]	D ₁ [mm]	F [mm]	B [mm]	H [mm]	A [mm]	h [mm]	Part number	Fig.
05 B1	8 x 3 mm	23	62,2	58,8	16	40	12	18,3	2,8	7,0	QTS05B1-023	1
06 B1	3/8" x 7/32"	21	68,0	63,9	16	40	12	18,3	5,3	7,0	QTS06B1-021	1
81 -1	1/2" x 1/8"	18	78,9	73,1	16	40	12	18,3	3,0	7,0	QTS81-1-018	1
83 -1	1/2" x 3/16"	18	78,9	73,1	16	40	12	18,3	4,5	7,0	QTS83-1-018	1
08 B1	1/2" x 5/16"	16	69,5	65,1	16	40	12	18,3	-	7,2	QTS08B1-016	2
08 B1	1/2" x 5/16"	18	77,8	73,1	16	40	12	18,3	-	7,2	QTS08B1-018	2
10 B1	5/8" x 3/8"	14	78,0	71,3	16	40	12	18,3	-	9,1	QTS10B1-014	2
10 B1	5/8" x 3/8"	15	83,0	76,4	16	40	12	18,3	-	9,1	QTS10B1-015	2
10 B1	5/8" x 3/8"	17	93,0	86,4	16	40	12	18,3	-	9,1	QTS10B1-017	2
12 B1	3/4" x 7/16"	13	87,5	79,6	16	40	12	18,3	-	11,1	QTS12B1-013	2
12 B1	3/4" x 7/16"	15	99,8	91,6	16	40	12	18,3	-	11,1	QTS12B1-015	2
16 B1	1" x 17,02 mm	12	109,0	98,1	20	47	14	17,7	-	16,2	QTS16B1-012	2
20 B1	1" 1/4 x 3/4"	13	147,8	132,7	25	52	15	21	-	18,5	QTS20B1-013	2

Z	Number of teeth
D _e	External diameter
D _p	Pitch diameter