

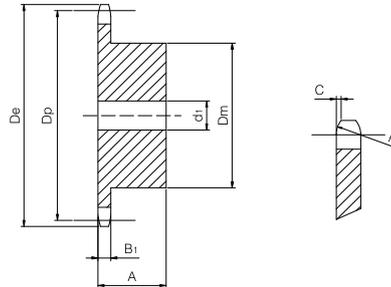
Simplex sprocket

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
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)
D _e	External diameter
D _p	Pitch diameter
D _m	Hub diameter
W	Weight

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

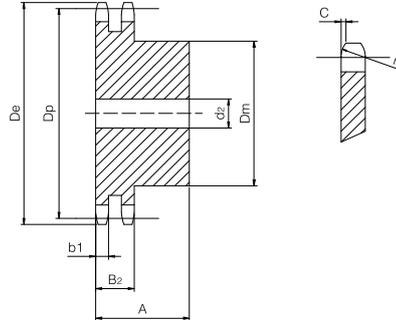
Duplex sprocket

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	De [mm]	Dp [mm]	Dm [mm]	d2 [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)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

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

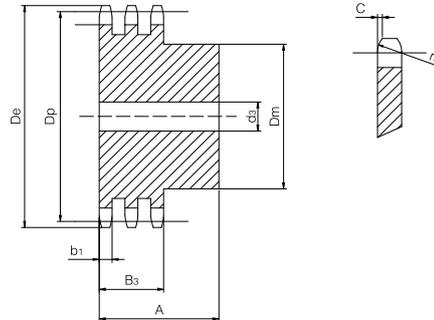
Triplex sprocket

for chain according to DIN 8187 - ISO/R 606



ISO 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	De [mm]	Dp [mm]	Dm [mm]	d3 [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)
De	External diameter
Dp	Pitch diameter
Dm	Hub diameter
W	Weight

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