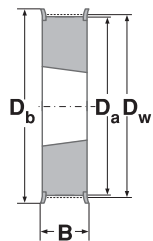
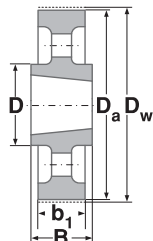


HTD - Zahnriemenscheiben für Taperspannbuchsen

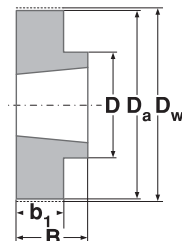
HTD - Timing Belt Pulleys for Taper Bushes



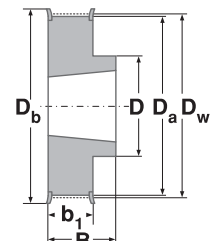
Ausführung
Type 3F



Ausführung
Type 7A



Ausführung
Type 8



Ausführung
Type 8F

Type 5M - Teilung/ Pitch 5 mm für Riemenbreite/ for belt width 15 mm

Bezeichnung designation	Zähne- zahl number of teeth	Aus- führung type	Material	D _a mm	D _w mm	D _b mm	b ₁ mm	B mm	R mm	D x N (N=B-b ₁) mm	Taper- buchse Taper bush	Gewicht ohne Buchse weight without bush kg	Stück ohne Buchse piece without bush Euro
TB 34-5M-15	34	3F	St	52,97	54,11	57	22	22	-	-	1008	0,19	32,90
TB 36-5M-15	36	3F	St	56,15	57,30	60	22	22	-	-	1108	0,20	33,90
TB 38-5M-15	38	3F	St	59,34	60,48	66	22	22	-	-	1108	0,25	35,50
TB 40-5M-15	40	3F	St	62,52	63,66	71	22	22	-	-	1108	0,31	36,20
TB 44-5M-15	44	3F	St	68,89	70,03	75	22	22	-	-	1108	0,40	42,60
TB 48-5M-15	48	8F	St	75,25	76,39	83	22	25	-	59 x 3	1210	0,45	47,30
TB 56-5M-15	56	8F	St	87,39	89,13	93	22	25	-	70 x 3	1210	0,67	51,60
TB 64-5M-15	64	8F	St	100,72	101,86	106	22	25	-	80 x 3	1210	0,80	64,50
TB 72-5M-15	72	8	St	113,45	114,59	119	22	25	-	92 x 3	1610	1,19	72,90
TB 80-5M-15	80	8	St	126,18	127,32	135	22	25	-	92 x 3	1610	1,76	84,10
TB 90-5M-15	90	8	St	142,10	143,24	-	22	25	-	92 x 3	1610	2,32	112,10
TB 112-5M-15	112	8	St	177,11	178,25	-	20	32	-	110 x 12	2012	3,72	168,20
TB 136-5M-15	136	7A	St	215,31	216,45	-	20	32	-	110 x 6 x 6	2012	3,82	252,30

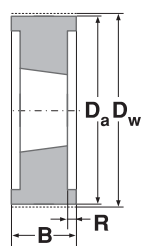


Type 8M - Teilung/ Pitch 8 mm für Riemenbreite/ for belt width 30 mm

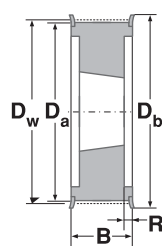
Fertigungstechnische Änderungen vorbehalten./ Subject to technical modifications.

HTD - Zahnriemenscheiben für Taperspannbuchsen

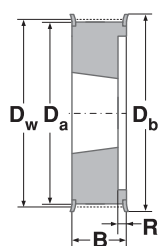
HTD - Timing Belt Pulleys for Taper Bushes



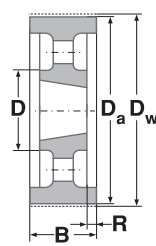
Ausführung
Type 4



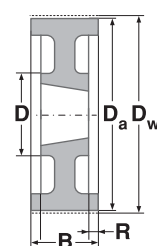
Ausführung
Type 4F



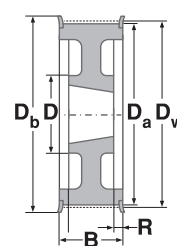
Ausführung
Type 5F



Ausführung
Type 9A



Ausführung
Type 9W



Ausführung
Type 9WF

Type 8M - Teilung/ Pitch 8 mm für Riemenbreite/ for belt width 50 mm

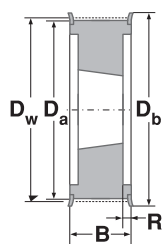
Bezeichnung designation	Zähne- zahl number of teeth	Aus- führung type	Material	D _a mm	D _w mm	D _b mm	b ₁ mm	B mm	R mm	D x N (N=B-b ₁) mm	Taper- buchse Taper bush	Gewicht ohne Buchse weight without bush kg	Stück ohne Buchse piece without bush Euro
TB 28-8M-50	28	4F	St	70,08	71,30	75,0	60	60	18	-	1210	0,60	58,40
TB 30-8M-50	30	5F	St	75,13	76,39	83,0	60	60	22	-	1615	0,65	62,40
TB 32-8M-50	32	5F	St	80,16	81,49	87,0	60	60	22	-	1615	0,82	66,80
TB 34-8M-50	34	5F	St	85,22	86,58	91,0	60	60	22	-	1615	1,06	71,40
TB 36-8M-50	36	5F	St	90,30	91,67	98,5	60	60	22	-	1615	1,30	76,40
TB 38-8M-50	38	5F	St	95,39	96,77	103,0	60	60	22	-	1615	1,60	82,20
TB 40-8M-50	40	4F	St	100,49	101,86	106,0	60	60	14	-	2012	1,71	86,40
TB 44-8M-50	44	4F	St	110,67	112,05	119,0	60	60	14	-	2012	1,78	99,60
TB 48-8M-50	48	4F	St	120,86	122,23	127,0	60	60	14	-	2012	2,30	110,00
TB 56-8M-50	56	4F	St	141,23	142,60	148,0	60	60	8	-	2517	3,40	133,40
TB 64-8M-50	64	4F	St	161,60	162,97	168,0	60	60	8	-	2517	5,00	158,40
TB 72-8M-50	72	9WF	St	181,97	183,35	192,0	60	60	8	125	2517	6,70	185,80
TB 80-8M-50	80	4	GG	202,35	203,72	-	60	60	5	-	3020	8,80	221,00
TB 90-8M-50	90	9W	GG	227,81	229,18	-	60	60	5	170	3020	10,00	251,20
TB 112-8M-50	112	9W	GG	283,83	285,21	-	60	60	5	170	3020	12,00	320,50
TB 144-8M-50	144	9A	GG	365,32	366,69	-	60	60	5	170	3020	15,20	433,00
TB 168-8M-50	168	9A	GG	426,44	427,81	-	60	65	2,5	198	3525	17,50	571,70
TB 192-8M-50	192	9A	GG	487,55	488,92	-	60	65	2,5	198	3525	24,00	691,90

Type 8M - Teilung/ Pitch 8 mm für Riemenbreite/ for belt width 85 mm

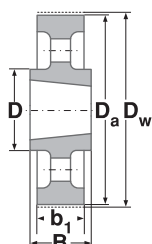
TB 34-8M-85	34	4F	St	85,22	86,58	91,0	95	95	29	-	1615	1,43	95,30
TB 36-8M-85	36	4F	St	90,30	91,67	98,5	95	95	29	-	1615	1,87	104,20
TB 38-8M-85	38	4F	St	95,39	96,77	103,0	95	95	29	-	1615	2,20	110,00
TB 40-8M-85	40	4F	St	100,49	101,86	106,0	95	95	32	-	2012	1,78	116,60
TB 44-8M-85	44	4F	St	110,67	112,05	119,0	95	95	32	-	2012	2,30	129,70
TB 48-8M-85	48	4F	St	120,86	122,23	127,0	95	95	25	-	2517	2,66	146,50
TB 56-8M-85	56	4F	St	141,23	142,60	148,0	95	95	25	-	2517	4,45	179,20
TB 64-8M-85	64	4F	St	161,60	162,97	168,0	95	95	25	-	2517	6,20	217,10
TB 72-8M-85	72	4F	St	181,97	183,35	192,0	95	95	22	-	3020	8,00	260,30
TB 80-8M-85	80	4	GG	202,35	203,72	-	95	95	22	-	3020	10,00	281,20
TB 90-8M-85	90	9W	GG	227,81	229,18	-	95	95	22	170	3020	10,80	328,40
TB 112-8M-85	112	9W	GG	283,83	285,21	-	95	95	22	170	3020	15,00	423,80
TB 144-8M-85	144	9A	GG	365,32	366,69	-	95	95	15	198	3525	20,00	603,10
TB 168-8M-85	168	9A	GG	426,44	427,81	-	95	95	15	198	3525	23,00	764,00
TB 192-8M-85	192	9A	GG	487,55	488,92	-	95	95	15	198	3525	26,00	868,60

HTD - Zahnriemenscheiben für Taperspannbuchsen

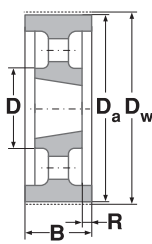
HTD - Timing Belt Pulleys for Taper Bushes



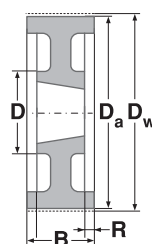
Ausführung
Type 4F



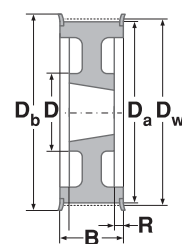
Ausführung
Type 7A



Ausführung
Type 9A



Ausführung
Type 9W



Ausführung
Type 9WF

Type 14M - Teilung/ Pitch 14 mm für Riemenbreite/ for belt width 40 mm

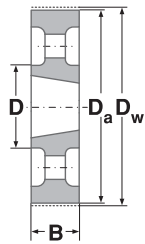
Bezeichnung designation	Zähne- zahl number of teeth	Aus- führung type	Material	D _a mm	D _w mm	D _b mm	b ₁ mm	B mm	R mm	D x N (N=B-b ₁) mm	Taper- buchse Taper bush	Gewicht ohne Buchse weight without bush kg	Stück ohne Buchse piece without bush Euro
TB 28-14M-40	28	4F	St	122,12	124,78	127	54	54	11	-	2012	2,00	133,40
TB 29-14M-40	29	4F	St	126,57	129,23	138	54	54	11	-	2012	2,38	137,40
TB 30-14M-40	30	4F	St	130,99	133,69	138	54	54	11	-	2012	2,65	146,50
TB 32-14M-40	32	4F	St	139,88	142,60	154	54	54	11	-	2012	3,40	155,60
TB 34-14M-40	34	4F	St	148,79	151,52	160	54	54	5	-	2517	3,87	163,50
TB 36-14M-40	36	4F	St	157,68	160,43	168	54	54	5	-	2517	4,80	181,80
TB 38-14M-40	38	4F	St	166,60	169,34	183	54	54	5	-	2517	5,40	191,00
TB 40-14M-40	40	4F	St	175,49	178,25	188	54	54	5	-	2517	6,00	205,50
TB 44-14M-40	44	4F	St	193,28	196,08	211	54	54	2	-	3020	7,80	222,40
TB 48-14M-40	48	4F	St	211,11	213,90	226	54	54	2	-	3020	9,40	276,00
TB 56-14M-40	56	9WF	St	246,76	249,55	256	54	54	2	170	3020	10,80	308,70
TB 64-14M-40	64	9WF	GG	282,41	285,21	296	54	54	2	170	3020	13,40	324,40
TB 72-14M-40	72	9W	GG	318,06	320,86	-	54	54	2	170	3020	15,20	388,60
TB 80-14M-40	80	9A	GG	353,71	356,51	-	54	54	2	170	3020	16,00	433,00
TB 90-14M-40	90	9A	GG	398,28	401,07	-	54	54	2	170	3020	17,8	519,40
TB 112-14M-40	112	9A	GG	496,32	499,11	-	54	54	2	170	3020	25,60	626,50
TB 144-14M-40	144	9A	GG	638,92	641,71	-	54	54	2	170	3020	32,00	952,20
TB 168-14M-40	168	9A	GG	745,87	748,66	-	54	54	2	170	3020	44,00	1016,40
TB 192-14M-40	192	9A	GG	852,82	855,62	-	54	54	2	170	3020	49,00	1245,40
TB 216-14M-40	216	9A	GG	959,76	962,57	-	54	54	2	170	3020	55,00	a.A.

Type 14M - Teilung/ Pitch 14 mm für Riemenbreite/ for belt width 55 mm

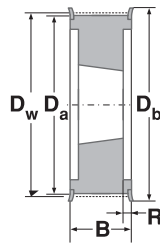
TB 28-14M-55	28	4F	St	122,12	124,78	127	70	70	19	-	2012	2,20	151,70
TB 29-14M-55	29	4F	St	126,57	129,23	138	70	70	19	-	2012	2,74	155,60
TB 30-14M-55	30	4F	St	130,99	133,69	138	70	70	13	-	2517	2,70	163,50
TB 32-14M-55	32	4F	St	139,88	142,60	154	70	70	13	-	2517	3,66	185,80
TB 34-14M-55	34	4F	St	148,79	151,52	160	70	70	13	-	2517	4,55	202,70
TB 36-14M-55	36	4F	St	157,68	160,43	168	70	70	13	-	2517	5,20	217,10
TB 38-14M-55	38	4F	St	166,60	169,34	183	70	70	13	-	2517	6,20	228,80
TB 40-14M-55	40	4F	St	175,49	178,25	188	70	70	13	-	2517	7,00	242,00
TB 44-14M-55	44	4F	St	193,28	196,08	211	70	70	10	-	3020	8,60	273,40
TB 48-14M-55	48	4F	St	211,11	213,90	226	70	70	10	-	3020	10,40	312,50
TB 56-14M-55	56	9WF	St	246,76	249,55	256	70	70	10	170	3020	12,00	372,70
TB 64-14M-55	64	9WF	GG	282,41	285,21	296	70	70	10	170	3020	14,50	406,90
TB 72-14M-55	72	9W	GG	318,06	320,86	-	70	70	10	170	3020	16,20	440,90
TB 80-14M-55	80	9A	GG	353,71	356,51	-	70	70	10	170	3020	17,50	476,10
TB 90-14M-55	90	9A	GG	398,28	401,07	-	70	70	10	170	3020	20,10	541,60
TB 112-14M-55	112	9A	GG	496,32	499,11	-	70	70	10	170	3020	28,40	691,90
TB 144-14M-55	144	9A	GG	638,92	641,71	-	70	70	10	170	3020	36,20	1003,40
TB 168-14M-55	168	9A	GG	745,87	748,66	-	70	70	10	170	3020	49,00	1297,60
TB 192-14M-55	192	9A	GG	852,82	855,62	-	70	70	10	170	3020	53,00	1492,60
TB 216-14M-55	216	7A	GG	959,76	962,57	-	70	89	-	190 x 9,5 x 9,5	3535	65,80	a.A.

HTD - Zahnriemenscheiben für Taperspannbuchsen

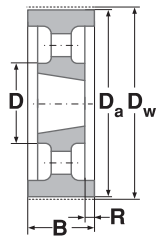
HTD - Timing Belt Pulleys for Taper Bushes



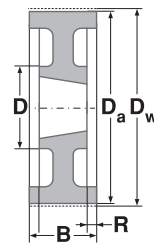
Ausführung
Type 3A



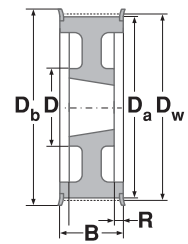
Ausführung
Type 4F



Ausführung
Type 9A



Ausführung
Type 9W



Ausführung
Type 9WF

Type 14M - Teilung/ Pitch 14 mm für Riemenbreite/ for belt width 85 mm

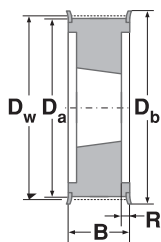
Bezeichnung designation	Zähne- zahl number of teeth	Aus- führung type	Material	D _a mm	D _w mm	D _b mm	b ₁ mm	B mm	R mm	D x N (N=B-b ₁) mm	Taper- buchse Taper bush	Gewicht ohne Buchse weight without bush kg	Stück ohne Buchse piece without bush Euro
TB 28-14M-85	28	4F	St	122,12	124,78	127	102	102	29	-	2517	7,70	191,00
TB 29-14M-85	29	4F	St	126,57	129,23	138	102	102	29	-	2517	8,40	196,30
TB 30-14M-85	30	4F	St	130,99	133,69	138	102	102	29	-	2517	9,10	206,60
TB 32-14M-85	32	4F	St	139,88	142,60	154	102	102	29	-	2517	10,50	228,80
TB 34-14M-85	34	4F	St	148,79	151,52	160	102	102	29	-	2517	11,90	260,30
TB 36-14M-85	36	4F	St	157,68	160,43	168	102	102	26	-	3020	13,20	273,40
TB 38-14M-85	38	4F	St	166,60	169,34	183	102	102	26	-	3020	15,15	281,20
TB 40-14M-85	40	4F	St	175,49	178,25	188	102	102	26	-	3020	17,10	302,30
TB 44-14M-85	44	4F	St	193,28	196,08	211	102	102	26	-	3020	23,30	359,70
TB 48-14M-85	48	4F	St	211,11	213,90	226	102	102	26	-	3020	25,00	388,60
TB 56-14M-85	56	4F	St	246,76	249,55	256	102	102	26	-	3535	25,00	476,10
TB 64-14M-85	64	9WF	GG	282,41	285,21	296	102	102	19	190	3535	28,20	519,40
TB 72-14M-85	72	9W	GG	318,06	320,86	-	102	102	19	190	3535	28,80	562,50
TB 80-14M-85	80	9A	GG	353,71	356,51	-	102	102	19	190	3535	30,10	587,30
TB 90-14M-85	90	9A	GG	398,28	401,07	-	102	102	19	190	3535	33,00	705,10
TB 112-14M-85	112	9A	GG	496,32	499,11	-	102	102	19	190	3535	41,80	952,20
TB 144-14M-85	144	9A	GG	638,92	641,71	-	102	102	19	190	4040	52,40	1211,30
TB 168-14M-85	168	9A	GG	745,87	748,66	-	102	102	19	190	4040	60,30	1514,60
TB 192-14M-85	192	3A	GG	852,82	855,62	-	102	102	-	190	4040	70,20	1837,90
TB 216-14M-85	216	3A	GG	959,76	962,57	-	102	102	-	190	4040	81,00	a.A.

Type 14M - Teilung/ Pitch 14 mm für Riemenbreite/ for belt width 115 mm

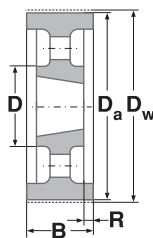
TB 28-14M-115	28	4F	St	122,12	124,78	127	133	133	44	-	2517	3,77	268,10
TB 29-14M-115	29	4F	St	126,57	129,23	138	133	133	44	-	2517	4,00	277,30
TB 30-14M-115	30	4F	St	130,99	133,69	138	133	133	44	-	2517	5,00	281,20
TB 32-14M-115	32	4F	St	139,88	142,60	154	133	133	44	-	2517	6,80	302,30
TB 34-14M-115	34	4F	St	148,79	151,52	160	133	133	44	-	2517	6,80	328,40
TB 36-14M-115	36	4F	St	157,68	160,43	168	133	133	41	-	3020	7,00	354,50
TB 38-14M-115	38	4F	St	166,60	169,34	183	133	133	41	-	3020	8,40	384,60
TB 40-14M-115	40	4F	St	175,49	178,25	188	133	133	41	-	3020	9,20	397,70
TB 44-14M-115	44	4F	St	193,28	196,08	211	133	133	29	-	3020	14,00	451,20
TB 48-14M-115	48	4F	St	211,11	213,90	226	133	133	29	-	3030	17,10	582,00
TB 56-14M-115	56	4F	St	246,76	249,55	256	133	133	22	-	3535	24,80	595,10
TB 64-14M-115	64	9WF	GG	282,41	285,21	296	133	133	22	190	3535	27,00	647,50
TB 72-14M-115	72	9W	GG	318,06	320,86	-	133	133	22	190	3535	29,00	698,50
TB 80-14M-115	80	9A	GG	353,71	356,51	-	133	133	22	190	3535	32,00	907,90
TB 90-14M-115	90	9A	GG	398,28	401,07	-	133	133	22	190	3535	36,50	995,60
TB 112-14M-115	112	9A	GG	496,32	499,11	-	133	133	22	190	3535	46,00	1224,40
TB 144-14M-115	144	9A	GG	638,92	641,71	-	133	133	16	230	4040	68,00	1533,10
TB 168-14M-115	168	9A	GG	745,87	748,66	-	133	133	16	230	4040	82,60	1924,20
TB 192-14M-115	192	9A	GG	852,82	855,62	-	133	133	16	230	4040	96,00	2248,60
TB 216-14M-115	216	9A	GG	959,76	962,57	-	133	133	16	230	4040	107,00	a.A.

HTD - Zahnriemenscheiben für Taperspannbuchsen

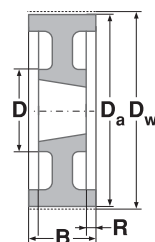
HTD - Timing Belt Pulleys for Taper Bushes



Ausführung
Type 4F



Ausführung
Type 9A



Ausführung
Type 9W

Type 14M - Teilung/ Pitch 14 mm für Riemenbreite/ for belt width 170 mm

Bezeichnung designation	Zähne- zahl number of teeth	Aus- führung type	Material	D _a mm	D _w mm	D _b mm	b ₁ mm	B mm	R mm	D x N (N=B-b ₁) mm	Taper- buchse Taper bush	Gewicht ohne Buchse weight without bush kg	Stück ohne Buchse piece without bush Euro
TB 38-14M-170	38	4F	St	166,60	169,34	183	187	187	56	-	3030	11,70	Preise auf Anfrage Prices on request
TB 40-14M-170	40	4F	St	175,49	178,25	188	187	187	56	-	3030	13,00	
TB 44-14M-170	44	4F	St	193,28	196,08	211	187	187	49	-	3535	15,00	
TB 48-14M-170	48	4F	St	211,11	213,90	226	187	187	49	-	3535	19,00	
TB 56-14M-170	56	4F	St	246,76	249,55	256	187	187	49	-	3535	28,50	
TB 64-14M-170	64	4F	GG	282,41	285,21	296	187	187	43	-	4040	41,00	
TB 72-14M-170	72	9W	GG	318,06	320,86	-	187	187	43	230 x 102	4040	46,90	
TB 80-14M-170	80	9W	GG	353,71	356,51	-	187	187	43	230 x 102	4040	48,00	
TB 90-14M-170	90	9A	GG	398,28	401,07	-	187	187	43	230 x 102	4040	52,50	
TB 112-14M-170	112	9A	GG	496,32	499,11	-	187	187	30	265 x 127	5050	74,50	
TB 144-14M-170	144	9A	GG	638,92	641,71	-	187	187	30	265 x 127	5050	91,00	
TB 168-14M-170	168	9A	GG	745,87	748,66	-	187	187	30	265 x 127	5050	116,00	
TB 192-14M-170	192	9A	GG	852,82	855,62	-	187	187	30	265 x 127	5050	134,00	
TB 216-14M-170	216	9A	GG	959,76	962,57	-	187	187	30	265 x 127	5050	146,50	