Ausführungen HTD® Zahnriemenscheiben Taper-System
Exécutions des poulies dentées HTD® système Taper

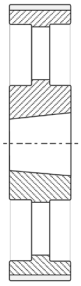

Fig. 3A

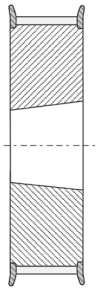

Fig. 3F

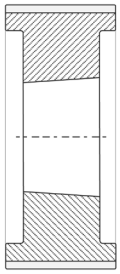

Fig. 4

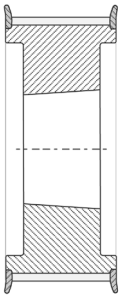

Fig. 4F



Fig. 5F

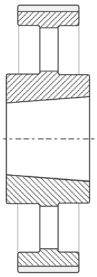

Fig. 7A

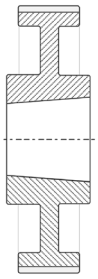

Fig. 7W

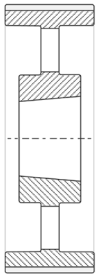

Fig. 8

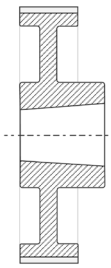

Fig. 8A

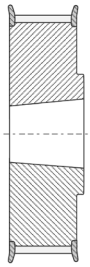

Fig. 8F

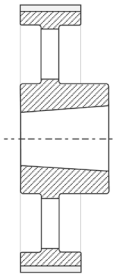

Fig. 8W

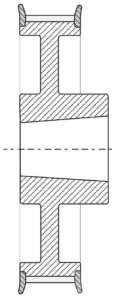

Fig. 8WF

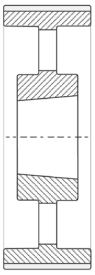

Fig. 9A

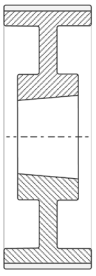

Fig. 9W

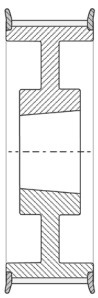

Fig. 9WF

HTD®

Taper-System / *Système Taper*

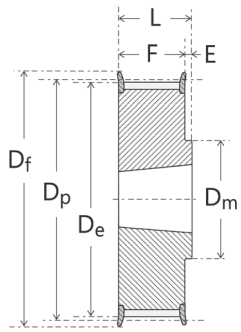

Fig. 8F

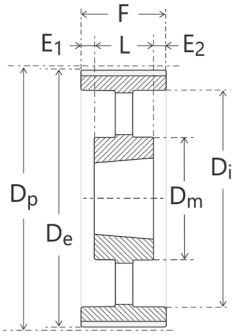

Fig. 8

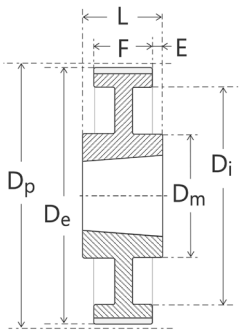

Fig. 7W

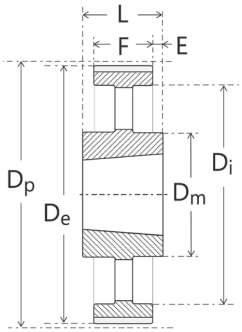

Fig. 7A

HTD® 5M 15 – Teilung 5 mm, Riemenbreite 15 mm | *Pas 5 mm, largeur de la courroie 15 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**34 5M 15**	8F	34	1008	25	57	54,11	52,97	–	–	22	22	0,20
	36 5M 15	8F	36	1108	25	60	57,30	56,15	–	–	22	22	0,25
	38 5M 15	8F	38	1108	25	66	60,48	59,34	–	–	22	22	0,30
	40 5M 15	8F	40	1108	25	71	63,66	62,52	–	–	22	22	0,35
	44 5M 15	8F	44	1108	25	75	70,03	68,89	–	–	22	22	0,40
	48 5M 15	8F	48	1210	32	83	76,39	75,25	59	–	22	25	0,46
	56 5M 15	8F	56	1210	32	93	89,13	87,98	70	–	22	25	0,60
	64 5M 15	8F	64	1210	32	106	101,86	100,72	80	–	22	25	0,80
	72 5M 15	8	72	1610	42	–	114,59	113,45	92	–	22	25	1,20
	80 5M 15	8F	80	1610	42	–	127,32	126,18	92	–	22	25	1,76
	90 5M 15	7W	90	1610	42	–	143,24	142,10	92	–	22	25	2,32
	112 5M 15	8	112	2012	50	–	178,25	177,11	110	–	20	32	3,72
	136 5M 15	7A	136	2012	50	–	216,45	215,31	110	199	20	32	3,82

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

HTD®

Taper-System / *Système Taper*

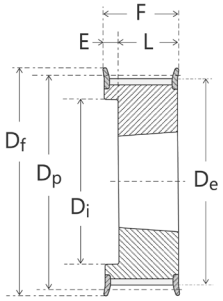

Fig. 5F

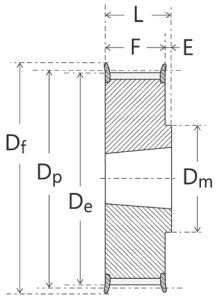

Fig. 8F

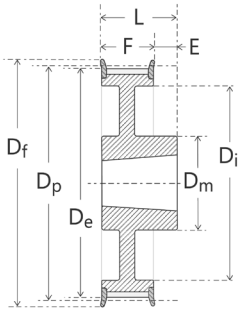

Fig. 8WF

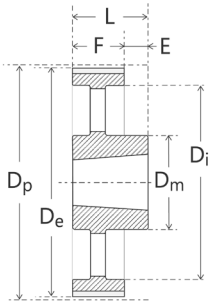

Fig. 8W

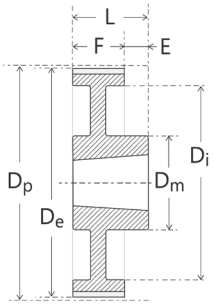

Fig. 8A

HTD® 8M 20 – Teilung 8 mm, Riemenbreite 20 mm | *Pas 8 mm, largeur de la courroie 20 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**22 8M 20**	5F	22	1008	25	60	56,02	54,65	–	37	28	22	0,25
	24 8M 20	5F	24	1108	28	66	61,12	59,75	–	44	28	22	0,30
	26 8M 20	5F	26	1108	28	70	66,21	64,85	–	45	28	22	0,36
	28 8M 20	5F	28	1108	28	75	71,30	70,08	–	50	28	22	0,45
	30 8M 20	5F	30	1108	28	83	76,39	75,13	–	58	28	22	0,55
	32 8M 20	5F	32	1610	42	87	81,49	80,16	–	63	28	25	0,43
	34 8M 20	5F	34	1610	42	91	86,58	85,22	–	64	28	25	0,57
	36 8M 20	5F	36	1610	42	97	91,67	90,30	–	68	28	25	0,70
	38 8M 20	5F	38	1610	42	102	96,77	95,39	–	72	28	25	0,82
	40 8M 20	5F	40	1610	42	106	101,86	100,49	–	76	28	25	1,10
	44 8M 20	8F	44	2012	50	120	112,05	110,67	92	–	28	32	1,20
	48 8M 20	8F	48	2012	50	128	122,23	120,86	96	–	28	32	1,65
	56 8M 20	8F	56	2012	50	150	142,60	141,23	110	–	28	32	2,50
	64 8M 20	8WF	64	2012	50	168	162,97	161,60	110	137	28	32	2,60
	72 8M 20	8WF	72	2012	50	192	183,35	181,97	110	158	28	32	3,40
Guss / *Fonte*	**80 8M 20**	8W	80	2012	50	–	203,72	202,35	110	180	28	32	3,60
	90 8M 20	8A	90	2012	50	–	229,18	227,81	110	204	28	32	4,10
	112 8M 20	8W	112	2012	60	–	285,21	283,83	125	254	28	45	4,57

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

HTD®

Taper-System / *Système Taper*

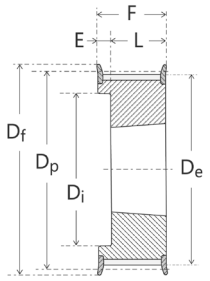

Fig. 5F

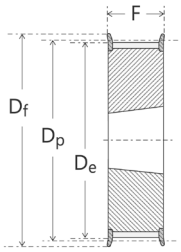

Fig. 3F

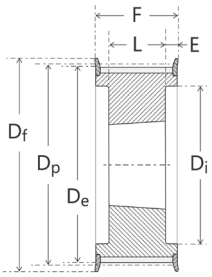

Fig. 4F

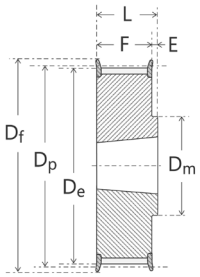

Fig. 8F

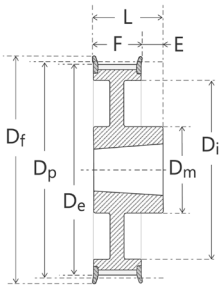

Fig. 8WF

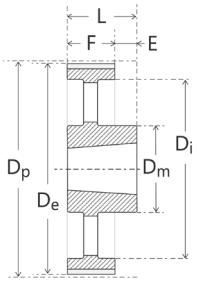

Fig. 8W

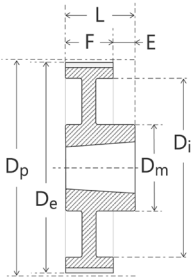

Fig. 8A

HTD® 8M 30 – Teilung 8 mm, Riemenbreite 30 mm | *Pas 8 mm, largeur de la courroie 30 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**22 8M 30**	5F	22	1008/1108	25/28	60	56,02	54,65	–	37	38	22	0,33
	24 8M 30	5F	24	1108	28	66	61,12	59,75	–	44	38	22	0,40
	26 8M 30	5F	26	1108	28	70	66,21	64,85	–	44	38	22	0,45
	28 8M 30	5F	28	1210	32	75	71,30	70,08	–	50	38	25	0,50
	30 8M 30	3F	30	1615	42	83	76,39	75,13	–	–	38	38	0,55
	32 8M 30	3F	32	1615	42	87	81,49	80,16	–	–	38	38	0,60
	34 8M 30	3F	34	1615	42	91	86,58	85,22	–	–	38	38	0,80
	36 8M 30	3F	36	1615	42	97	91,67	90,30	–	–	38	38	1,00
	38 8M 30	3F	38	1615	42	102	96,77	95,39	–	–	38	38	1,10
	40 8M 30	3F	40	1615	42	106	101,86	100,49	–	–	38	38	1,34
	44 8M 30	4F	44	2012	50	120	112,05	110,67	–	86	38	32	1,30
	48 8M 30	4F	48	2012	50	128	122,23	120,86	–	90	38	32	1,80
	56 8M 30	4F	56	2012	50	150	142,60	141,23	–	110	38	32	3,80
	64 8M 30	8F	64	2517	60	168	162,97	161,60	125	–	38	45	4,30
	72 8M 30	8WF	72	2517	60	192	183,35	181,97	125	158	38	45	4,40
Guss / *Fonte*	**80 8M 30**	8W	80	2517	60	–	203,72	202,35	125	180	38	45	4,65
	90 8M 30	8A	90	2517	60	–	229,18	227,81	125	204	38	45	5,80
	112 8M 30	8A	112	2517	60	–	285,21	283,83	125	254	38	45	6,20
	144 8M 30	8A	144	2517	60	–	366,69	365,32	125	336	38	45	9,00

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

HTD®

Taper-System / *Système Taper*

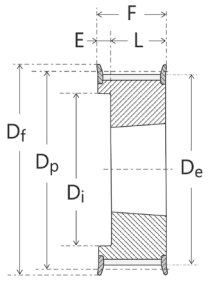

Fig. 5F

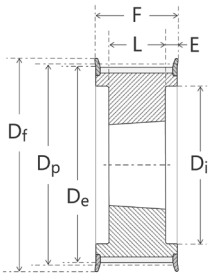

Fig. 4F

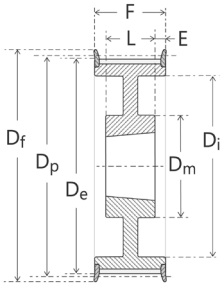

Fig. 9WF

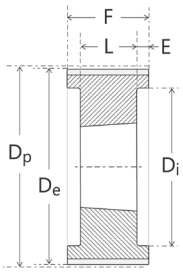

Fig. 4

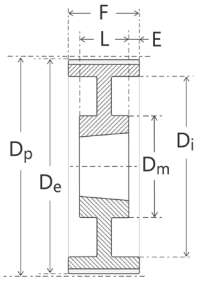

Fig. 9W

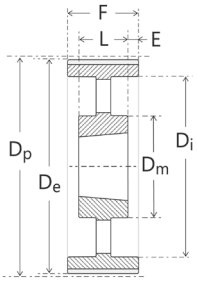

Fig. 9A

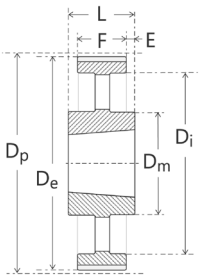

Fig. 7A

HTD® 8M 50 – Teilung 8 mm, Riemenbreite 50 mm | *Pas 8 mm, largeur de la courroie 50 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**28 8M 50**	5F	28	1210	32	75	71,30	70,08	–	50	60	25	0,60
	30 8M 50	5F	30	1615	42	83	76,39	75,13	–	58	60	38	0,65
	32 8M 50	5F	32	1615	42	87	81,49	80,16	–	63	60	38	0,80
	34 8M 50	5F	34	1615	42	91	86,58	85,22	–	65	60	38	1,08
	36 8M 50	5F	36	1615	42	97	91,67	90,30	–	68	60	38	1,35
	38 8M 50	5F	38	1615	42	102	96,77	95,39	–	72	60	38	1,65
	40 8M 50	4F	40	2012	50	106	101,86	100,49	–	80	60	32	1,70
	44 8M 50	4F	44	2012	50	120	112,05	110,67	–	86	60	32	1,80
	48 8M 50	4F	48	2012	50	128	122,23	120,86	–	95	60	32	2,35
	56 8M 50	4F	56	2517	60	150	142,60	141,23	–	116	60	45	3,35
	64 8M 50	4F	64	2517	60	168	162,97	161,60	–	136	60	45	4,90
	72 8M 50	9WF	72	2517	60	192	183,35	181,97	125	158	60	45	6,80
Guss / *Fonte*	**80 8M 50**	4	80	3020	75	–	203,72	202,35	–	180	60	51	8,90
	90 8M 50	9W	90	3020	75	–	229,18	227,81	160	204	60	51	9,90
	112 8M 50	9W	112	3020	75	–	285,21	283,83	170	254	60	51	12,10
	144 8M 50	9A	144	3020	75	–	366,69	365,32	170	336	60	51	15,40
	168 8M 50	7A	168	3525	90	–	427,81	426,44	198	395	60	65	22,80
	192 8M 50	7A	192	3525	90	–	488,92	487,55	198	455	60	65	26,50

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

HTD®

Taper-System / *Système Taper*

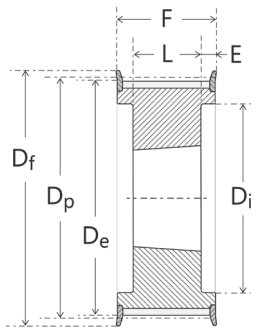

Fig. 4F

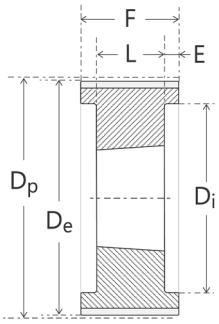

Fig. 4

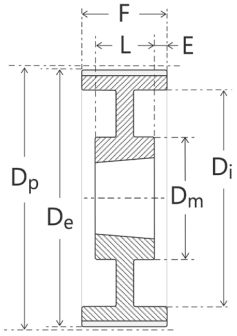

Fig. 9W

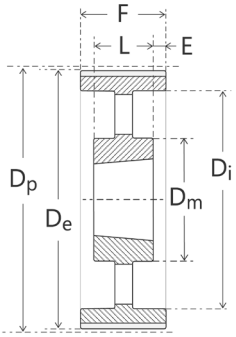

Fig. 9A

HTD® 8M 85 – Teilung 8 mm, Riemenbreite 85 mm | *Pas 8 mm, largeur de la courroie 85 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**34 8M 85**	4F	34	1615	42	91	86,22	85,22	–	65	95	38	1,50
	36 8M 85	4F	36	1615	42	97	91,67	90,30	–	68	95	38	1,90
	38 8M 85	4F	38	1615	42	102	96,77	95,39	–	72	95	38	2,20
	40 8M 85	4F	40	2012	50	106	101,86	100,49	–	80	95	32	1,90
	44 8M 85	4F	44	2012	50	120	112,05	110,67	–	86	95	32	2,30
	48 8M 85	4F	48	2517	60	128	122,23	120,86	–	95	95	45	2,70
	56 8M 85	4F	56	2517	60	150	142,60	141,23	–	116	95	45	4,50
	64 8M 85	4F	64	2517	60	168	162,97	161,60	–	136	95	45	6,30
	72 8M 85	4F	72	3020	75	192	183,35	181,97	–	158	95	51	8,10
Guss / *Fonte*	**80 8M 85**	4	80	3020	75	–	203,72	202,35	–	180	95	51	10,20
	90 8M 85	9W	90	3020	75	–	229,18	227,81	–	204	95	51	11,20
	112 8M 85	9W	112	3020	75	–	285,21	283,83	170	254	95	51	15,00
	144 8M 85	9A	144	3525	90	–	366,69	365,32	198	336	95	65	20,30
	168 8M 85	9A	168	3525	90	–	427,81	426,44	198	395	95	65	22,40
	192 8M 85	9A	192	3525	90	–	488,92	487,55	198	455	95	65	28,10

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

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Taper-System / *Système Taper*

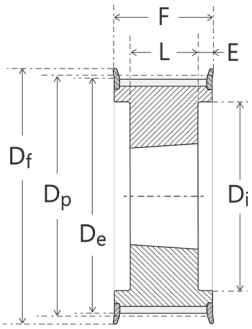

Fig. 4F

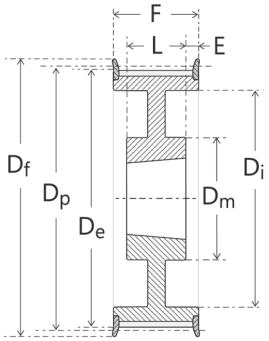

Fig. 9WF

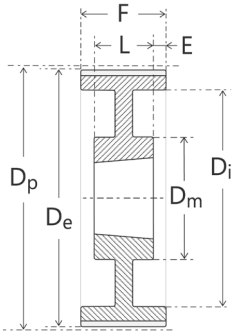

Fig. 9W

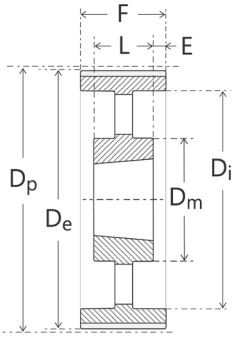

Fig. 9A

HTD® 14M 40 – Teilung 14 mm, Riemenbreite 40 mm | *Pas 14 mm, largeur de la courroie 40 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**28 14M 40**	4F	28	2012	50	128	124,78	122,12	–	94	54	32	2,1
	29 14M 40	4F	29	2012	50	138	129,23	126,57	–	98	54	32	2,4
	30 14M 40	4F	30	2012	50	138	133,69	130,99	–	98	54	32	2,7
	32 14M 40	4F	32	2012	50	154	142,60	139,88	–	108	54	32	3,4
	34 14M 40	4F	34	2517	60	160	151,52	148,79	–	110	54	45	3,9
	36 14M 40	4F	36	2517	60	168	160,43	157,68	–	120	54	45	4,8
	38 14M 40	4F	38	2517	60	183	169,34	166,60	–	130	54	45	5,4
	40 14M 40	4F	40	2517	60	188	178,25	175,49	–	138	54	45	6,0
	44 14M 40	4F	44	3020	75	211	196,08	193,28	–	155	54	51	9,0
	48 14M 40	4F	48	3020	75	226	213,90	211,11	–	170	54	51	10,1
	56 14M 40	9WF	56	3020	75	256	249,55	246,76	170	208	54	51	13,4
	64 14M 40	9WF	64	3020	75	296	285,21	282,41	170	240	54	51	14,8
Guss / *Fonte*	**72 14M 40**	9W	72	3020	75	–	320,86	318,06	170	280	54	51	15,3
	80 14M 40	9A	80	3020	75	–	356,51	353,71	170	315	54	51	16,0
	90 14M 40	9A	90	3020	75	–	401,70	398,28	170	360	54	51	18,0
	112 14M 40	9A	112	3020	75	–	499,11	496,32	170	457	54	51	25,5
	144 14M 40	9A	144	3020	75	–	641,71	638,92	170	600	54	51	32,0

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

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Taper-System / *Système Taper*

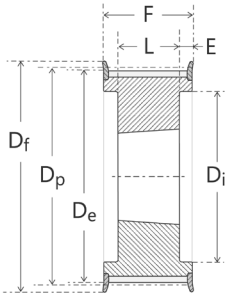

Fig. 4F

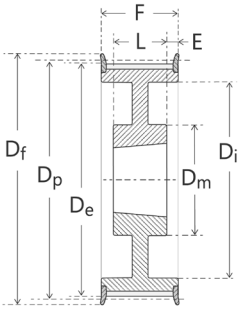

Fig. 9WF

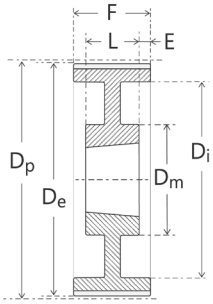

Fig. 9W

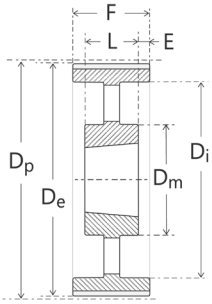

Fig. 9A

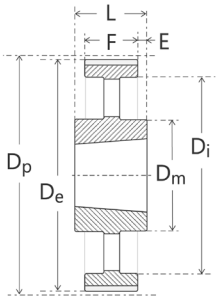

Fig. 7A

HTD® 14M 55 – Teilung 14 mm, Riemenbreite 55 mm | *Pas 14 mm, largeur de la courroie 55 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**28 14M 55**	4F	28	2012	50	128	124,78	122,12	–	94	70	32	2,2
	29 14M 55	4F	29	2012	50	138	129,23	126,57	–	100	70	32	2,5
	30 14M 55	4F	30	2517	60	138	133,69	130,99	–	100	70	45	2,7
	32 14M 55	4F	32	2517	60	154	142,60	139,88	–	108	70	45	3,6
	34 14M 55	4F	34	2517	60	160	151,52	148,79	–	110	70	45	4,5
	36 14M 55	4F	36	2517	60	168	160,43	157,68	–	120	70	45	5,2
	38 14M 55	4F	38	2517	60	183	169,34	166,60	–	130	70	45	6,2
	40 14M 55	4F	40	2517	60	188	178,25	175,49	–	138	70	45	7,0
	44 14M 55	4F	44	3020	75	211	196,08	193,28	–	155	70	51	8,6
	48 14M 55	4F	48	3020	75	226	213,90	211,11	–	170	70	51	11,0
	56 14M 55	9WF	56	3020	75	256	249,55	246,76	170	208	70	51	13,5
Guss / *Fonte*	**64 14M 55**	9WF	64	3020	75	296	285,21	282,41	170	240	70	51	14,5
	72 14M 55	9W	72	3020	75	–	320,86	318,06	170	280	70	51	16,3
	80 14M 55	9A	80	3020	75	–	356,51	353,71	170	315	70	51	17,5
	90 14M 55	9A	90	3020	75	–	401,70	398,28	170	360	70	51	20,0
	112 14M 55	9A	112	3020	75	–	499,11	496,32	170	457	70	51	28,2
	144 14M 55	9A	144	3020	75	–	641,71	638,92	170	600	70	51	36,0
	168 14M 55	9A	168	3020	75	–	748,66	745,87	170	706	70	51	48,5
	192 14M 55	7A	192	3020	75	–	855,62	852,82	170	813	70	51	52,0
	216 14M 55	7A	216	3535	90	–	962,57	959,76	170	920	70	89	59,0

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

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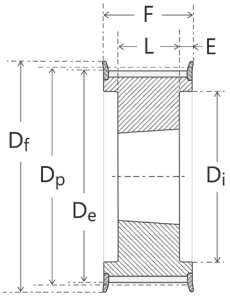

Fig. 4F

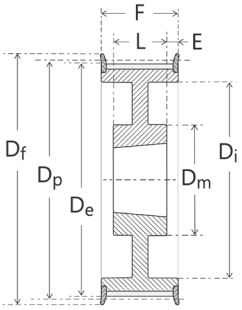

Fig. 9WF

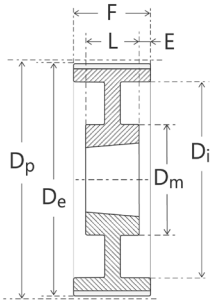

Fig. 9W

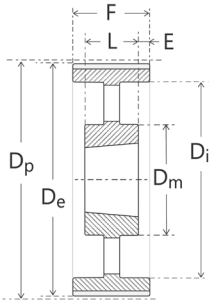

Fig. 9A

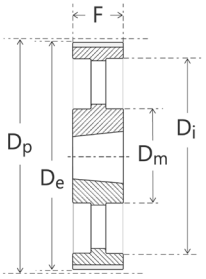

Fig. 3A

HTD® 14M 85 – Teilung 14 mm, Riemenbreite 85 mm | *Pas 14 mm, largeur de la courroie 85 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**28 14M 85**	4F	28	2517	60	128	124,78	122,12	–	94	102	45	2,7
	29 14M 85	4F	29	2517	60	138	129,23	126,57	–	100	102	45	3,5
	30 14M 85	4F	30	2517	60	138	133,69	130,99	–	100	102	45	3,8
	32 14M 85	4F	32	2517	60	154	142,60	139,88	–	108	102	45	4,7
	34 14M 85	4F	34	2517	60	160	151,52	148,79	–	110	102	45	6,0
	36 14M 85	4F	36	3020	75	168	160,43	157,68	–	120	102	51	5,7
	38 14M 85	4F	38	3020	75	183	169,34	166,60	–	130	102	51	6,8
	40 14M 85	4F	40	3020	75	188	178,25	175,49	–	138	102	51	8,0
	44 14M 85	4F	44	3020	75	211	196,08	193,28	–	155	102	51	11,7
	48 14M 85	4F	48	3030	75	226	213,90	211,11	–	170	102	51	15,0
	56 14M 85	4F	56	3525	90	256	249,55	246,76	–	208	102	65	19,3
Guss / *Fonte*	**64 14M 85**	9WF	64	3525	90	296	285,21	282,41	190	240	102	65	24,1
	72 14M 85	9W	72	3525	90	–	320,86	318,06	190	280	102	65	25,0
	80 14M 85	9A	80	3525	90	–	356,51	353,71	190	315	102	65	26,2
	90 14M 85	9A	90	3525	90	–	401,70	398,28	190	360	102	65	27,9
	112 14M 85	9A	112	3525	90	–	499,11	496,32	190	457	102	65	36,0
	144 14M 85	9A	144	3525	90	–	641,71	638,92	190	600	102	65	48,4
	168 14M 85	9A	168	3525	90	–	748,66	745,87	190	706	102	65	60,1
	192 14M 85	3A	192	4040	100	–	855,62	852,82	190	813	102	102	85,0
	216 14M 85	3A	216	4040	100	–	962,57	959,76	190	920	102	102	101,5

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

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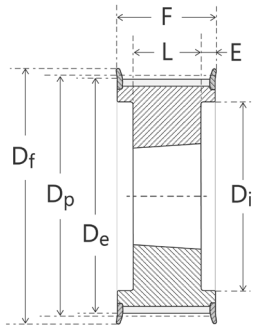

Fig. 4F

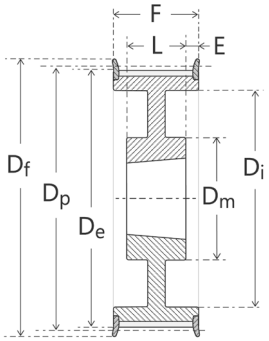

Fig. 9WF

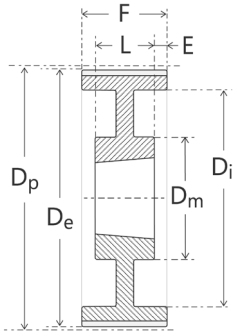

Fig. 9W

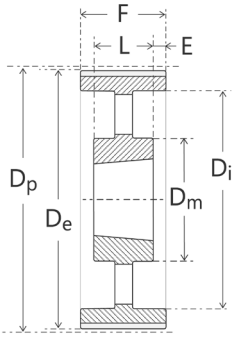

Fig. 9A

HTD® 14M – Teilung 14 mm, Riemenbreite 115 mm | *Pas 14 mm, largeur de la courroie 115 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**28 14M 115**	4F	28	2517	60	128	124,78	122,12	–	98	133	45	3,8
	29 14M 115	4F	29	2517	60	138	129,23	126,57	–	100	133	45	4,1
	30 14M 115	4F	30	2517	60	138	133,69	130,99	–	100	133	45	5,0
	32 14M 115	4F	32	2517	60	154	142,60	139,88	–	108	133	45	6,8
	34 14M 115	4F	34	2517	60	160	151,52	148,79	–	110	133	45	6,9
	36 14M 115	4F	36	3020	75	168	160,43	157,68	–	125	133	51	7,0
	38 14M 115	4F	38	3020	75	183	169,34	166,60	–	130	133	51	8,5
	40 14M 115	4F	40	3020	75	188	178,25	175,49	–	138	133	51	9,1
	44 14M 115	4F	44	3030	75	211	196,08	193,28	–	155	133	76	13,0
	48 14M 115	4F	48	3030	75	226	213,90	211,11	–	170	133	76	16,5
	56 14M 115	4F	56	3535	90	256	249,55	246,76	–	210	133	89	24,0
Guss / *Fonte*	**64 14M 115**	9WF	64	3535	90	296	285,21	282,41	190	240	133	89	32,1
	72 14M 115	9W	72	3535	90	–	320,86	318,06	190	280	133	89	31,0
	80 14M 115	9A	80	3535	90	–	356,51	353,71	190	315	133	89	32,3
	90 14M 115	9A	90	3535	90	–	401,70	398,28	190	360	133	89	37,4
	112 14M 115	9A	112	3535	90	–	499,11	496,32	190	457	133	89	45,0
	144 14M 115	9A	144	4040	100	–	641,71	638,92	190	600	133	102	63,6
	168 14M 115	9A	168	4040	100	–	748,66	745,87	190	706	133	102	77,5
	192 14M 115	9A	192	4040	100	–	855,62	852,82	190	813	133	102	95,0
	216 14M 115	9A	216	4040	100	–	962,57	959,76	190	920	133	102	107,2

Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

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Taper-System / *Système Taper*

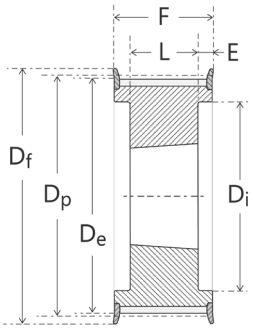


Fig. 4F

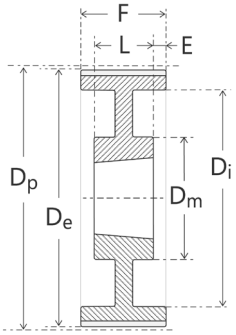


Fig. 9W

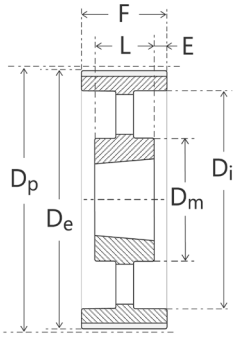


Fig. 9A

HTD® 14M 170 – Teilung 14 mm, Riemenbreite 170 mm | *Pas 14 mm, largeur de la courroie 170 mm*

Werk-stoff *Matériau*	Typ	Fig.	Zähne *Dents*	Buchse *Douille*	Bohrung *Alésage* max.	D_f mm	D_p mm	D_e mm	D_m mm	D_i mm	F mm	L mm	Gewicht *Poids* ≈ kg
Stahl / *Acier*	**38 14M 170**	4F	38	3030	75	183	169,34	166,60	–	130	187	76	11,7
	40 14M 170	4F	40	3030	75	188	178,25	175,49	–	138	187	76	13,0
	44 14M 170	4F	44	3535	90	211	196,08	193,28	–	155	187	89	15,0
	48 14M 170	4F	48	3535	90	226	213,90	211,11	–	175	187	89	19,2
Guss / *Fonte*	**56 14M 170**	4F	56	3535	90	256	249,55	246,76	–	210	187	89	28,5
	64 14M 170	4F	64	4040	100	296	285,21	282,41	–	240	187	102	41,0
	72 14M 170	9W	72	4040	100	–	320,86	318,06	230	280	187	102	46,9
	80 14M 170	9W	80	4040	100	–	356,51	353,71	230	315	187	102	48,0
	90 14M 170	9A	90	4040	100	–	401,70	398,28	230	360	187	102	52,5
	112 14M 170	9A	112	5050	125	–	499,11	496,32	265	457	187	127	74,4
	144 14M 170	9A	144	5050	125	–	641,71	638,92	265	600	187	127	91,3
	168 14M 170	9A	168	5050	125	–	748,66	745,87	265	706	187	127	116,2
	192 14M 170	9A	192	5050	125	–	855,62	852,82	265	813	187	127	134,0
	216 14M 170	9A	216	5050	125	–	962,57	959,76	265	920	187	127	146,5

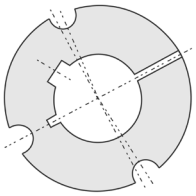
Angaben können je nach Hersteller leicht variieren. / *Les données peuvent varier légèrement selon le fabricant.*

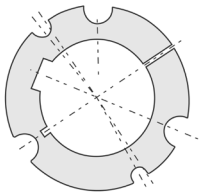
Welle – nabe – verbindungen

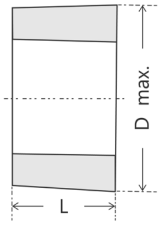
Jonctions Moyeu – Arbre

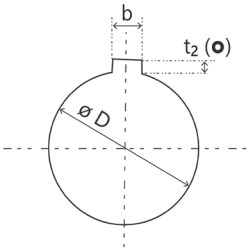
Spannbuchsen Taper-System mit metrischer Bohrung
Douilles de serrage système Taper avec alésage métrique

DIN 6885 Teil 1
DIN 6885 Partie 1


Typ A


Typ B





METRISCH / *MÉTRIQUE*																				
∅ D mm	b mm	t_2 mm	N°	1008	1108	1210	1215	1310	1610	1615	2012	2517	2525	3020	3030	3525	3535	4030	4040	4545	5050
			Typ	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B
			L	22,3	22,3	25,4	38,1	25,4	25,4	38,1	31,8	44,5	63,5	50,8	76,2	63,5	88,9	76,2	101,8	114,3	127,0
9	3	1,4		●	●																
10	3	1,4		●	●																
11	4	1,8		●	●	●	●														
12	4	1,8		●	●	●	●	●	●	●											
14	5	2,3		●	●	●	●	●	●	●	●										
15	5	2,3		●	●	●	●	●	●	●	●										
16	5	2,3		●	●	●	●	●	●	●	●	●									
17	5	2,3		●	●	●	●	●	●	●	●	–									
18	6	2,8		●	●	●	●	●	●	●	●	●									
19	6	2,8		●	●	●	●	●	●	●	●	●	●								
20	6	2,8		●	●	●	●	●	●	●	●	●	●								
22	6	2,8		●	●	●	●	●	●	●	●	●	●								
24	8	3,3		o	●	●	●	●	●	●	●	●	●								
25	8	3,3		o	●	●	●	●	●	●	●	●	●	●	●						
28	8	3,3			o	●	●	●	●	●	●	●	●	●	●	●	●					
30	8	3,3				●	●	●	●	●	●	●	●	●	●	●	●					
32	10	3,3				●	●	●	●	●	●	●	●	●	●	●	●					
35	10	3,3						o	●	●	●	●	●	●	●	●	●					
38	10	3,3							●	●	●	●	●	●	●	●	●					
40	12	3,3							●	o	●	●	●	●	●	●	●	●	●			
42	12	3,3							●	o	●	●	●	●	●	●	●	●	●			
45	14	3,8									●	●	●	●	●	●	●	●	●			
48	14	3,8									●	●	●	●	●	●	●	●	●			
50	14	3,8									●	●	●	●	●	●	●	●	●			
55	16	4,3										●	●	●	●	●	●	●	●	●	
60	18	4,4										●	●	●	●	●	●	●	●	●	●
65	18	4,4										●	●	●	●	●	●	●	●	●	●
70	20	4,9												●	●	●	●	●	●	●	●
75	20	4,9												●	●	●	●	●	●	●	●
80	22	5,4														●	●	●	●	●	●
85	22	5,4														●	●	●	●	●	●
90	25	5,4														●	●	●	●	●	●
95	25	5,4														–	●	–	●	●	●
100	28	6,4														●	●	●	●	●	●
105	28	6,4																		●	●
110	28	6,4																		●	●
115	32	7,4																			●
120	32	7,4																			●
125	32	7,4																			●

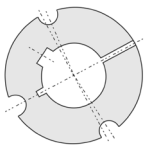
ab Lager / *du stock*
● (o)

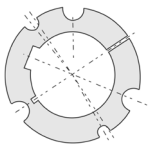
o Bohrung mit Flachnut o *Alésage avec rainure de profondeur réduite*

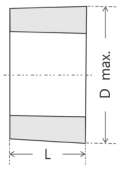
Flachnut für Taper-Buchsen / *Rainure de profondeur réduite pour douilles de serrage Taper*							
Bohrungsdurchmesser / *Diamètre d'alésage*	∅ D	24	25	28	35	40	42
Nutbreite / *Largeur de rainure*	b	8	8	8	10	12	12
Nuttiefe / *Profondeur de rainure*	t_2 o	2,0	2,0	2,0	2,4	2,2	2,2

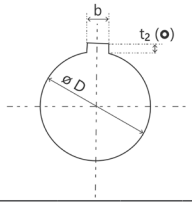
Spannbuchsen Taper-System mit Zoll-Bohrung
Douilles de serrage système Taper avec alésage en pouces

Britischer Standard BS 46 Teil 1
Norme britannique BS 46 Partie 1


Typ A


Typ B





ZÖLLIG / *EN POUCES*

∅ D inch	b inch	t_2 inch	N°	1008	1108	1210	1215	1310	1610	1615	2012	2517	2525	3020	3030	3525	3535	4040	4545	5050
			Typ	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B
			L	22,3	22,3	25,4	38,1	25,4	25,4	38,1	31,8	44,5	63,5	50,8	76,2	63,5	88,9	101,8	114,3	127,0
3/8	1/8	1/16		●	●	●														
7/16	1/8	1/16		●	●	●														
1/2	1/8	1/16		●	●	●	●	●	●	●	●									
9/16	3/16	3/32		●	●	●	●	●	●	●	●									
5/8	3/16	3/32		●	●	●	●	●	●	●	●									
11/16	3/16	3/32		●	●	●	●	●	●	●	–									
3/4	3/16	3/32		●	●	●	●	●	●	●	●	●								
13/16	1/4	1/8		●	●	●	●	●	●	●	●	●								
7/8	1/4	1/8		●	●	●	●	●	●	●	●	●	●							
15/16	1/4	1/8		o	●	●	●	●	●	●	●	●	●							
1	1/4	1/8		o	●	●	●	●	●	●	●	●	●	●						
1 1/16	5/16	1/8			o	●	●	●	●	●	●	●	●	–						
1 1/8	5/16	1/8			o	●	●	●	●	●	●	●	●	●						
1 1/16	5/16	1/8				●	●	●	●	●	●	●	●	–	●					
1 1/4	5/16	1/8				●	●	●	●	●	●	●	●	●	●					
1 5/16	3/8	1/8						●	●	●	●	●	●	●	●		●			
1 3/8	3/8	1/8						●	●	●	●	●	●	●	●		●			
1 7/16	3/8	1/8							●	●	●	●	●	●	●		–			
1 1/2	3/8	1/8							●	●	●	●	●	●	●	●	●			
1 5/8	7/16	5/32							o	o	●	●	●	●	●	●	●			
1 3/4	7/16	5/32									●	●	●	●	●	●	●	●		
1 7/8	1/2	5/32									●	●	●	●	●	●	●	●		
2	1/2	5/32									●	●	●	●	●	●	●	●		
2 1/8	5/8	7/32										●	●	●	●	●	●	●		
2 1/4	5/8	7/32										●	●	●	●	●	●	●	●	
2 3/8	5/8	7/32										●	●	●	●	●	●	●	●	
2 1/2	5/8	7/32										●	●	●	●	●	●	●	●	
2 5/8	3/4	1/4												●	●	●	●	●	●	
2 3/4	3/4	1/4												●	●	●	●	●	●	●
2 7/8	3/4	1/4												●	●	●	●	●	●	●
3	3/4	1/4												●	●	●	●	●	●	●
3 7/8	7/8	5/16														●	●	●	●	●
3 1/4	7/8	5/16														●	●	●	●	●
3 3/8	7/8	5/16														o	o	●	●	●
3 1/2	7/8	5/16														o	o	●	●	●
3 3/4	1	3/8																o	●	●
4	1	3/7																o	●	●
4 3/5	1 1/4	7/16																	o	●
4 1/2	1 1/4	7/16																	o	●
4 3/4	1 1/4	7/16																		●
5	1 1/4	7/16																		o

● (o) ab Lager / *du stock*

o Bohrung mit Flachnut o *Alésage avec rainure de profondeur réduite*

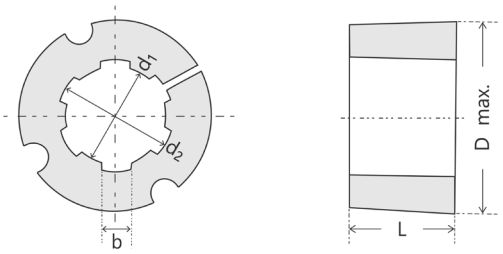
Flachnut für Taper-Buchsen / *Rainure de profondeur réduite pour douilles de serrage Taper*													
Bohrungsdurchmesser / *Diamètre d'alésage*	∅ D	5/16	1	1 1/16	1 1/8	1 5/8	3 3/8	3 1/2	3 3/4	4	4 3/5	4 1/2	5
Nutbreite / *Largeur de rainure*	b	1/4	1/4	5/16	5/16	7/16	7/8	7/8	1	1	1 1/4	1 1/4	1 1/4
Nuttiefe / *Profondeur de rainure*	t_2 o	1/16	1/16	5/64	5/64	1/8	1/4	1/4	1/4	1/4	1/4	1/4	5/16

Übertragbare Drehmomente von Spannbuchsen Taper-System
Couples transmissibles des douilles de serrage système Taper

Buchse *Douille* Typ	Länge *Longueur* mm	∅ D max. mm	Bohrung *Alésage* mm	Rutschmoment *Couple de glissement* ohne Federkeil *sans clavette* Nm	Rutschmoment *Couple de glissement* mit Federkeil *avec clavette* Nm	Klemmkraft *Effort de serrage* N	Innensechskantschraube *Vis à tête six pans creux* Zoll / *Pouce*	Innensechskantschlüssel *Clé mâle coudée pour vis à six pans creux* N°	Anzugsmoment *Couple de démarrage* Nm		Gewicht *Poids* ≈ kg
1008	22,3	35	12 19 24	22 37 58	136	3990 4940 5490	¼ × ½	3	5,6	zwei Gewindestifte / *deux vis sans tête*	0,15
1108	22,3	38	19 24 28	40 62 71	147	4630 5220 5720	¼ × ½	3	5,6		0,20
1210	25,4	47,5	16 19 24 32	82 105 140 180	407	8840 9800 10900 12300	⅜ × ⅝	5	20		0,30
1215	38,1	47,5	16 19 24 32	82 105 140 180	407	8840 9800 10900 12300	⅜ × ⅝	5	20		0,35
1310	25,4	50,5	14 25 35	59 120 210	435	7800 10900 12500	⅜ × ⅝	5	20		0,40
1610	25,4	57	19 24 38 42	98 135 240 265	486	8500 9670 11900 12700	⅜ × ⅝	5	20		0,40
1615	38,1	57	19 24 38 42	98 135 240 265	486	8500 9670 11900 12700	⅜ × ⅝	5	20		0,60
2012	31,8	70	24 38 50	165 310 420	808	11500 14400 16700	7⁄16 × ⅞	6	31		0,80
2517	44,5	85,5	38 48 60	380 510 690	1311	17000 19200 22300	½ × 1	6	48		1,85
2525	63,5	85,5	38 48 60	380 510 690	1311	17000 19200 22300	½ × 1	6	48		2,55
3020	50,8	108	38 48 60 75	480 600 900 1300	2712	23900 26100 31500 34500	½ × 1 ¼	8	90		3,00
3030	76,2	108	38 48 60 75	480 600 900 1300	2712	23900 26100 31500 34500	⅝ × 1 ¼	8	90		4,05
3525	63,5	127	42 60 90	700 1450 2300	5062	41000 49800 59000	½ × 1 ½	10	115	drei Inbusschrauben *trois vis à tête six pans creux*	4,90
3535	88,9	127	42 75 90	1000 2150 2600	5062	41000 49800 59000	½ × 1 ½	10	115		6,95
4030	76,2	146	48 75 100	1250 2200 3460	8735	68000 77200 89400	⅝ × 1 ¾	12	170		8,90
4040	101,8	146	48 75 100	1700 3150 4400	8735	68000 77200 89400	⅝ × 1 ¾	12	170		10,20
4545	114,3	162	55 75 100	1840 3000 4500	12430	79600 93000 107700	¾ × 2	14	192		13,20
5050	127,0	177,5	75 100 125	3250 4800 5900	14238	91800 106600 119500	⅞ × 2 ¼	14	271		16,70

Spannbuchsen Taper-System mit Zapfwellenprofil 1 ⅜ "

Douilles de serrage système Taper avec profil de prise de force 1 ⅜ "



Buchse *Douille*	Bohrung *Alésage*	d_1 mm	d_2 mm	Keilbreite *Largeur de clavette* b (H9) mm	Anzahl Keile *Nombre de clavettes*
1610	1 ⅜ "	29,7	34,93	8,72	6
2012	1 ⅜ "	29,7	34,93	8,72	6
2517	1 ⅜ "	29,7	34,93	8,72	6
3020	1 ⅜ "	29,7	34,93	8,72	6