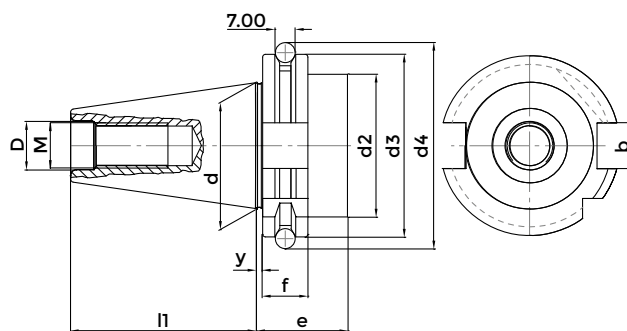




SK CHUCKS
DIN 69871

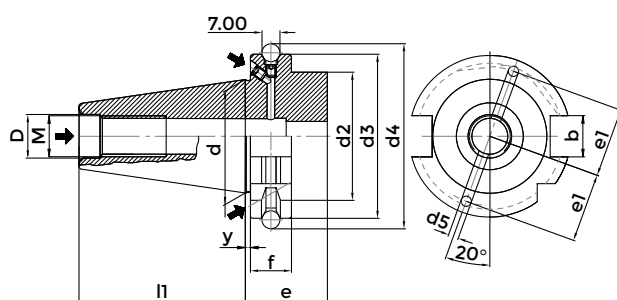
TAPER SHANKS DATA SHEET



DIN 69871 - SK - SHAPE A

ISO	d	l1	D	M	y	d2	f	d3	d4	e	b
30	31,75	47,8	13	M12	3,2	45	15,9	50	59,3	35	16,1
40	44,45	68,4	17	M16	3,2	50	15,9	63,55	72,3	35	16,1
45	57,15	82,7	21	M20	3,2	63	15,9	82,55	91,35	35	19,3
50	69,85	101,75	25	M24	3,2	80	15,9	97,5	107,25	35	25,7

TECHNICAL FEATURES KINTEK SK TOOLHOLDERS



AD SHAPE

B SHAPE

DIN 69871 - SK - SHAPE AD / B

ISO	d	l1	D	M	y	d2	f	d3	d4	e	b	d5	e1
40	44,45	68,4	17	M16	3,2	50	15,9	63,55	72,3	35	16,1	4	27
45	57,15	82,7	21	M20	3,2	63	15,9	82,55	91,35	35	19,3	6	35
50	69,85	101,75	26	M24	3,2	80	15,9	97,5	107,25	35	25,7	5	42

For coolant through V-flange bores (B) or center of toolholders (AD). For central coolant, the V-flange channels are closed by socket screws.

TECHNICAL FEATURES KINTEK SK TOOLHOLDERS

DIN 69871 A DIN 69871 AD/B

All Kintek Toolholders are manufactured according to DIN norm.

COLLET CHUCK RUNOUT ACCURACY

The norm DIN6391 permits a runout error between external cone and internal cone / collet seat of 0.016. Our production has a runout accuracy which is guaranteed to be within 0,003 / 0,010 m at the tool seat.

SHELL END MILL ADAPTOR RUNOUT ACCURACY

Our shell end mill adaptors meet the requirements of the norm DIN6358, which prescribes for diameters 16-22-27-32-40 a runout accuracy of: 0,01 for SK 30/40 0,015 for SK 50.

SHELL END MILL ADAPTOR'S RUNOUT ACCURACY

According to the norm DIN6359-1 Weldon end mill holders have to meet the following requirements:

BORE: H5 tolerance

RUNOUT ACCURACY: < 0.01 (for SK 40)

Our end mill adaptors ensure the prescribed holes' tolerance and have a runout accuracy which is normally 0.005.

BALANCING

The major part of toolholders of this category can run up to 8000 rpm grade G 6,3 or 12000 rpm. Besides the descriptive and dimensional table of products, you can find the additive balancing grade.

CONSTRUCTIVE FEATURES

- Manufactured with Casehardening Steel.
- Casehardened with depth 0,6 - 0,8 mm
- Hardened-Tempered
- Hardness HRC 58+-2, Strength 800-1000 N/mm²
- Black oxidized
- Internal and external grinding finished.

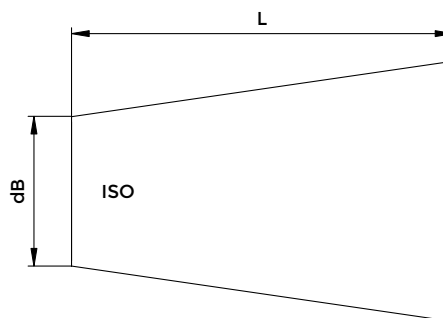
NEW HIGH-SPEED BALANCING TOOLHOLDERS

The new high-speed toolholders are balanced in the Grade G 2,5 at 25000 rpm.

CONSTRUCTIVE FEATURES FOR HIGH-SPEED TOOLHOLDERS

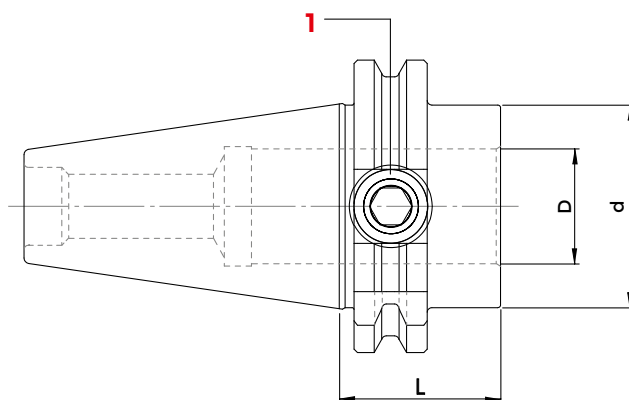
- Manufactured with casehardening Steel.
- Casehardened with depth 0,6 - 0,8 mm
- Hardened-Tempered
- Hardness HRC 58+-2, Strength 800-1000 N/mm²
- Black oxidized
- Internal and external grinding finish of the cone
- Grinding finish on the front side and on the thread of collet nuts.
- Tested 100% with certified measuring instruments and supplied with balancing certificate

CONE TOLERANCE ACCORDING TO THE CLASS AT3.



ISO	L	dA-dB	AT3
30	42	12.250	+0.002
40	59	17.208	+0.003
45	73	21.292	+0.003
50	92	26.833	+0.004

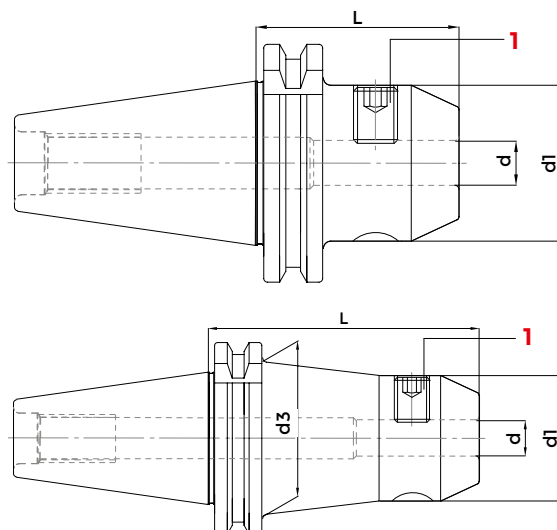
SHORT TYPE END MILL HOLDERS



DIN69871

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	D	L	d	G6,3 12000	1	
								SCREW 1	SCREW 2
									
3079	8341	TC 40 - WE 12 / H 35	40	12	35	44	•	4973	-
3080	2231	TC 40 - WE 16 / H 35	40	16	35	44	•	0068	-
3081	2242	TC 40 - WE 20 / H 35	40	20	35	44	•	0070	-
3082	2243	TC 40 - WE 25 / H 35	40	25	35	44	•	0076	-
3015	4641	TC 40 - WE 25 / H 60	40	25	60	49	•	0076	0076
3083	4642	TC 40 - WE 32 / H 40	40	32	40	44	•	0074	-
4640	4643	TC 40 - WE 32 / H 70	40	32	70	72	•	0082	4977
3086	2234	TC 50 - WE 16 / H 35	50	16	35	70	•	4974	-
3087	2237	TC 50 - WE 20 / H 35	50	20	35	70	•	4975	-
3088	2251	TC 50 - WE 25 / H 35	50	25	35	70	•	4976	-
3089	2252	TC 50 - WE 32 / H 35	50	32	35	80	•	4977	-
3136	8345	TC 50 - WE 40 / H 35	50	40	35	80	•	0259	-

WELDON END MILL HOLDERS

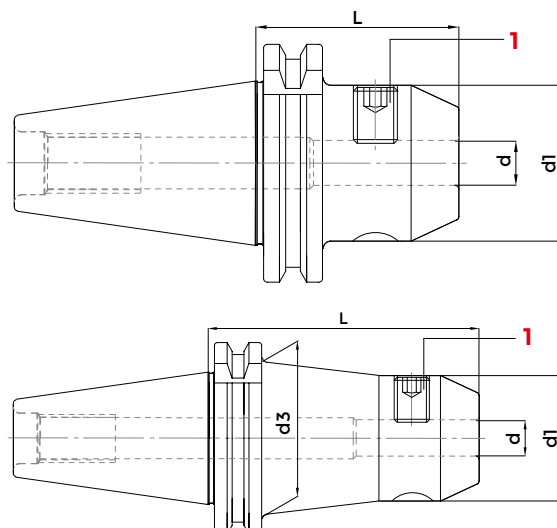


DIN69871 AD - DIN 1835 B

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L	d1	d3	G6,3 12000	1 SCREW
									
3707	-	TC 30 - WE 6 / H 45	30	6	45	25	-	•	4970
3708	-	TC 30 - WE 8 / H 45	30	8	45	28	-	•	4971
3709	-	TC 30 - WE 10 / H 50	30	10	50	35	-	•	4972
3710	-	TC 30 - WE 12 / H 50	30	12	50	42	-	•	4973
3711	-	TC 30 - WE 16 / H 70	30	16	70	48	-	•	4974
3712	-	TC 30 - WE 20 / H 70	30	20	70	52	-	•	4975
3714	4761	TC 40 - WE 6 / H 50	40	6	50	25	-	•	4970
5001	5028	TC 40 - WE 6 / H 100	40	6	100	25	35	•	4970
5400	5416	TC 40 - WE 6 / H 130	40	6	130	25	35	•	4970
5519	5551	TC 40 - WE 6 / H 160	40	6	160	25	35	•	4970
4029	4144	TC 40 - WE 6 / H 200	40	6	200	25	38	•	4970
3715	4762	TC 40 - WE 8 / H 50	40	8	50	28	-	•	4971
5002	5029	TC 40 - WE 8 / H 100	40	8	100	28	38	•	4971
5401	5417	TC 40 - WE 8 / H 130	40	8	130	28	38	•	4971
5520	5552	TC 40 - WE 8 / H 160	40	8	160	28	38	•	4971
4030	4146	TC 40 - WE 8 / H 200	40	8	200	28	41	•	4971
3716	4763	TC 40 - WE 10 / H 50	40	10	50	35	-	•	4972
5003	5030	TC 40 - WE 10 / H 100	40	10	100	35	40	•	4972
5402	5418	TC 40 - WE 10 / H 130	40	10	130	35	40	•	4972
5521	5553	TC 40 - WE 10 / H 160	40	10	160	35	40	•	4972
4031	4148	TC 40 - WE 10 / H 200	40	10	200	35	43	•	4972
3717	4764	TC 40 - WE 12 / H 50	40	12	50	42	-	•	4973
5004	5031	TC 40 - WE 12 / H 100	40	12	100	42	-	•	4973
5403	5419	TC 40 - WE 12 / H 130	40	12	130	42	-	•	4973
5524	5554	TC 40 - WE 12 / H 160	40	12	160	42	-	•	4973
4032	4150	TC 40 - WE 12 / H 200	40	12	200	42	48	•	4973
3594	4765	TC 40 - WE 14 / H 50	40	14	50	44	-	•	4973
5005	5032	TC 40 - WE 14 / H 100	40	14	100	44	-	•	4973
4033	4155	TC 40 - WE 14 / H 130	40	14	130	44	-	•	4973
4034	4157	TC 40 - WE 14 / H 160	40	14	160	44	-	•	4973
3718	4766	TC 40 - WE 16 / H 63	40	16	63	48	-	•	4974
5006	5033	TC 40 - WE 16 / H 100	40	16	100	48	-	•	4974
5404	5420	TC 40 - WE 16 / H 130	40	16	130	48	-	•	4974
5007	5035	TC 40 - WE 16 / H 160	40	16	160	48	-	•	4974
4036	4159	TC 40 - WE 16 / H 200	40	16	200	48	-	•	4974
3595	4767	TC 40 - WE 18 / H 63	40	18	63	50	-	•	4974
5008	5036	TC 40 - WE 18 / H 100	40	18	100	50	-	•	4974

follows >>

WELDON END MILL HOLDERS

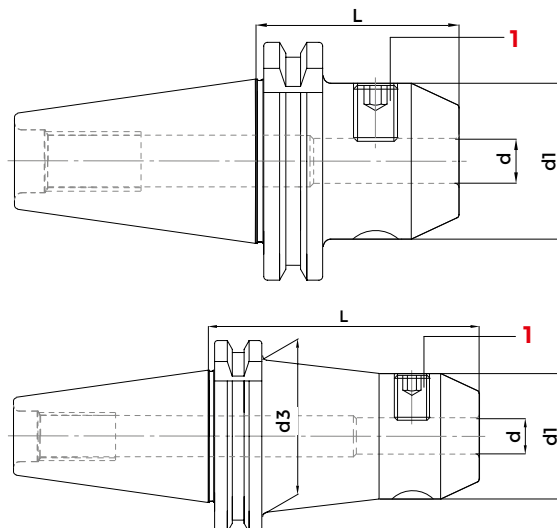


DIN69871 AD - DIN 1835 B

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L	d1	d3	G6,3 12000	1 SCREW
									
4037	4160	TC 40 - WE 18 / H 130	40	18	130	50	-	•	4974
3719	4768	TC 40 - WE 20 / H 63	40	20	63	52	-	•	4975
5010	5038	TC 40 - WE 20 / H 100	40	20	100	52	-	•	4975
5011	5039	TC 40 - WE 20 / H 130	40	20	130	52	-	•	4975
5012	5040	TC 40 - WE 20 / H 160	40	20	160	50	-	•	4975
4043	4164	TC 40 - WE 20 / H 200	40	20	200	50	-	•	4975
3720	4769	TC 40 - WE 25 / H 100	40	25	100	50	-	•	4976
5013	5041	TC 40 - WE 25 / H 130	40	25	130	50	-	•	4976
5014	5042	TC 40 - WE 25 / H 160	40	25	160	65	-	•	4976
4044	4166	TC 40 - WE 25 / H 200	40	25	200	65	-	•	4976
3721	4770	TC 40 - WE 32 / H 100	40	32	100	65	-	•	4977
5015	5043	TC 40 - WE 32 / H 130	40	32	130	65	-	•	4977
5016	5044	TC 40 - WE 32 / H 160	40	32	160	72	-	•	4977
4045	4168	TC 40 - WE 32 / H 200	40	32	200	72	-	•	4977
4457	4771	TC 40 - WE 40 / H 115	40	40	115	80	-	•	4977
3722	-	TC 45 - WE 6 / H 63	45	6	63	25	-	•	4970
3723	-	TC 45 - WE 8 / H 63	45	8	63	28	-	•	4971
3724	-	TC 45 - WE 10 / H 63	45	10	63	35	-	•	4972
3725	-	TC 45 - WE 12 / H 63	45	12	63	42	-	•	4973
3726	-	TC 45 - WE 16 / H 63	45	16	63	48	-	•	4974
3727	-	TC 45 - WE 20 / H 63	45	20	63	52	-	•	4975
3728	-	TC 45 - WE 25 / H 100	45	25	100	65	-	•	4976
3729	-	TC 45 - WE 32 / H 100	45	32	100	72	-	•	4977
4515	-	TC 45 - WE 40 / H 100	45	40	100	80	-	•	4977
3730	4783	TC 50 - WE 6 / H 63	50	6	63	25	-	•	4970
5017	5045	TC 50 - WE 6 / H 100	50	6	100	25	35	•	4970
5405	5426	TC 50 - WE 6 / H 130	50	6	130	25	35	•	4970
5525	5555	TC 50 - WE 6 / H 160	50	6	160	25	35	•	4970
4123	4173	TC 50 - WE 6 / H 200	50	6	200	25	38	•	4970
3731	4784	TC 50 - WE 8 / H 63	50	8	63	28	-	•	4971
5018	5046	TC 50 - WE 8 / H 100	50	8	100	28	38	•	4971
5406	5427	TC 50 - WE 8 / H 130	50	8	130	28	38	•	4971
5526	5556	TC 50 - WE 8 / H 160	50	8	160	28	38	•	4971
4125	4175	TC 50 - WE 8 / H 200	50	8	200	28	41	•	4971
3732	4785	TC 50 - WE 10 / H 63	50	10	63	35	-	•	4972
5019	5047	TC 50 - WE 10 / H 100	50	10	100	35	42	•	4972
5407	5428	TC 50 - WE 10 / H 130	50	10	130	35	42	•	4972

follows >>

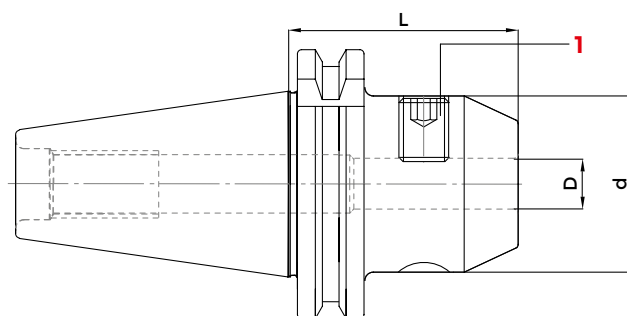
WELDON END MILL HOLDERS



DIN69871 AD - DIN 1835 B

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L	d1	d3	G6,3 12000	1 SCREW
									
5527	5558	TC 50 - WE 10 / H 160	50	10	160	35	42	•	4972
4128	4177	TC 50 - WE 10 / H 200	50	10	200	35	45	•	4972
3733	4786	TC 50 - WE 12 / H 63	50	12	63	42	-	•	4973
5528	5559	TC 50 - WE 12 / H 100	50	12	100	42	48	•	4973
5408	5429	TC 50 - WE 12 / H 130	50	12	130	42	48	•	4973
5020	5048	TC 50 - WE 12 / H 160	50	12	160	42	48	•	4973
4129	4179	TC 50 - WE 12 / H 200	50	12	200	42	51	•	4973
4516	4787	TC 50 - WE 14 / H 63	50	14	63	44	-	•	4973
5529	5560	TC 50 - WE 14 / H 100	50	14	100	44	50	•	4973
4130	4182	TC 50 - WE 14 / H 130	50	14	130	44	50	•	4973
4132	4183	TC 50 - WE 14 / H 160	50	14	160	44	54	•	4973
3734	4788	TC 50 - WE 16 / H 63	50	16	63	48	-	•	4974
5534	5561	TC 50 - WE 16 / H 100	50	16	100	48	54	•	4974
5409	5430	TC 50 - WE 16 / H 130	50	16	130	48	54	•	4974
5022	5050	TC 50 - WE 16 / H 160	50	16	160	48	54	•	4974
4136	4206	TC 50 - WE 16 / H 200	50	16	200	48	57	•	4974
4517	4789	TC 50 - WE 18 / H 63	50	18	63	50	-	•	4974
5535	5562	TC 50 - WE 18 / H 100	50	18	100	50	56	•	4974
4137	4213	TC 50 - WE 18 / H 130	50	18	130	50	56	•	4974
4138	4215	TC 50 - WE 18 / H 160	50	18	160	50	56	•	4974
3735	4790	TC 50 - WE 20 / H 63	50	20	63	52	-	•	4975
5536	5563	TC 50 - WE 20 / H 100	50	20	100	52	59	•	4975
5410	5431	TC 50 - WE 20 / H 130	50	20	130	52	59	•	4975
5024	5052	TC 50 - WE 20 / H 160	50	20	160	52	59	•	4975
4140	4242	TC 50 - WE 20 / H 200	50	20	200	52	61	•	4975
3736	4791	TC 50 - WE 25 / H 80	50	25	80	65	-	•	4976
5413	5051	TC 50 - WE 25 / H 100	50	25	100	65	-	•	4976
5414	5432	TC 50 - WE 25 / H 130	50	25	130	65	-	•	4976
5025	5054	TC 50 - WE 25 / H 160	50	25	160	65	70	•	4976
4141	4244	TC 50 - WE 25 / H 200	50	25	200	65	72	•	4976
3737	4792	TC 50 - WE 32 / H 100	50	32	100	72	-	•	4977
5415	5433	TC 50 - WE 32 / H 130	50	32	130	72	-	•	4977
5026	5055	TC 50 - WE 32 / H 160	50	32	160	72	-	•	4977
4142	4245	TC 50 - WE 32 / H 200	50	32	200	72	-	•	4977
3738	4793	TC 50 - WE 40 / H 120	50	40	120	80	-	•	4977
5027	5056	TC 50 - WE 40 / H 160	50	40	160	80	-	•	4977
3739	4247	TC 50 - WE 50 / H 120	50	50	120	100	-	•	4978

WELDON END MILL HOLDERS - HIGH SPEED LINE

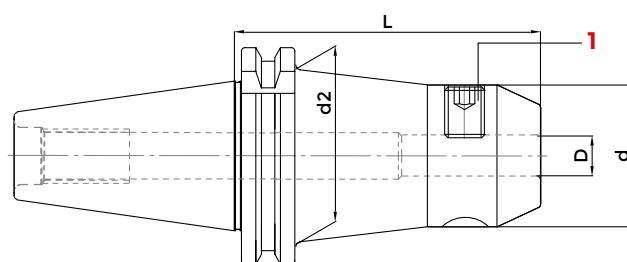


DIN 69871 AD - DIN 1835 B

HIGH SPEED LINE

COD.	DESCRIPTION	ISO	D	d	L	G6.3 20000	1 SCREW
							
WE91301	TC40H50WE06	40	6	50	25	•	4970
WE91302	TC40H50WE08	40	8	50	28	•	4971
WE91303	TC40H50WE10	40	10	50	35	•	4972
WE91304	TC40H50WE12	40	12	50	42	•	4973
WE91306	TC40H63WE16	40	16	63	48	•	4974
WE91308	TC40H63WE20	40	20	63	52	•	4975
WE91309	TC40H100WE25	40	25	100	65	•	4976
WE91310	TC40H100WE32	40	32	100	72	•	4977
WE91319	TC50H63WE20	50	20	63	52	•	4975
WE91320	TC50H80WE25	50	25	80	65	•	4976
WE91321	TC50H100WE32	50	32	100	72	•	4977

WELDON END MILL HOLDERS - LONG SERIES - HIGH SPEED LINE

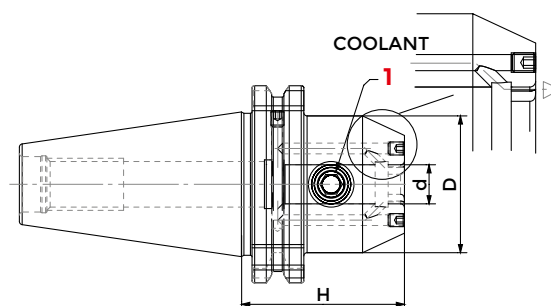


DIN 69871 AD - DIN 1835 B

HIGH SPEED LINE

COD.	DESCRIPTION	ISO	D	L	d	d2	C2.5 25000	1 SCREW
								
WE91324	TC40H100WE06	40	6	100	25	35	•	4970
WE91325	TC40H100WE08	40	8	100	28	38	•	4971
WE91326	TC40H100WE10	40	10	100	35	40	•	4972
WE91327	TC40H100WE12	40	12	100	42	-	•	4973
WE91329	TC40H100WE16	40	16	100	48	-	•	4974
WE91331	TC40H100WE20	40	20	100	50	-	•	4975

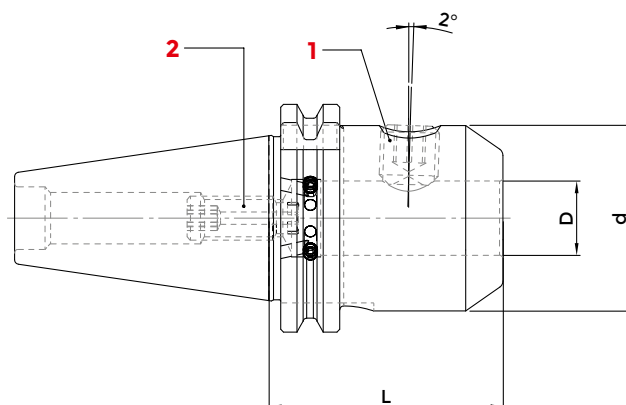
WELDON END MILL HOLDERS - SHORT SERIES WITH COOLANT CHANNELS



DIN69871 AD - DIN 1835 B

COD.	DESCRIPTION	ISO	D	H	d	G6,3 12000	1
							SCREW
							
7850	TC 40 - WEC 6 / H 50	40	25	50	6	•	4970
7851	TC 40 - WEC 8 / H 50	40	28	50	8	•	4971
7852	TC 40 - WEC 10 / H 50	40	35	50	10	•	4972
7853	TC 40 - WEC 12 / H 50	40	42	50	12	•	4973
7854	TC 40 - WEC 14 / H 50	40	44	50	14	•	4973
7855	TC 40 - WEC 16 / H 63	40	48	63	16	•	4974
7856	TC 40 - WEC 18 / H 63	40	50	63	18	•	4974
7857	TC 40 - WEC 20 / H 63	40	52	63	20	•	4975
7858	TC 40 - WEC 25 / H 100	40	65	100	25	•	4976
7859	TC 40 - WEC 32 / H 100	40	72	100	32	•	4977
7860	TC 40 - WEC 40 / H 115	40	80	115	40	•	4977
7861	TC 50 - WEC 6 / H 63	50	25	63	6	•	4970
7862	TC 50 - WEC 8 / H 63	50	28	63	8	•	4971
7863	TC 50 - WEC 10 / H 63	50	35	63	10	•	4972
7864	TC 50 - WEC 12 / H 63	50	42	63	12	•	4973
7865	TC 50 - WEC 14 / H 63	50	44	63	14	•	4973
7866	TC 50 - WEC 16 / H 63	50	48	63	16	•	4974
7867	TC 50 - WEC 18 / H 63	50	50	63	18	•	4974
7868	TC 50 - WEC 20 / H 63	50	52	63	20	•	4975
7869	TC 50 - WEC 25 / H 80	50	65	80	25	•	4976
7870	TC 50 - WEC 32 / H 100	50	72	100	32	•	4977
7871	TC 50 - WEC 40 / H 120	50	80	120	40	•	4977

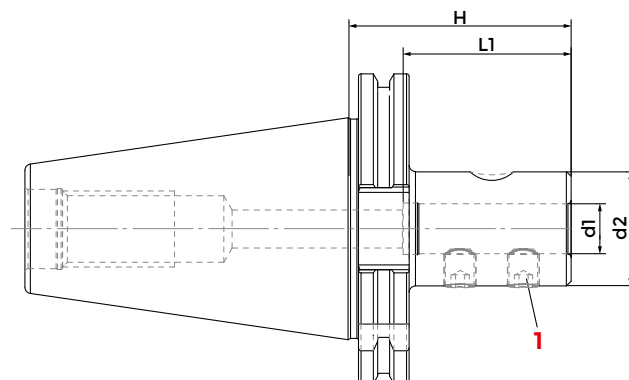
WHISTLE NOTCH END MILL HOLDERS



DIN69871 AD/B

COD.	DESCRIPTION	ISO	D	L	d	G6.3 12000	1	2
							SCREW	LOCKING SCREW
								
4795	TC 40 - WN 6 / H 50	40	6	50	25	•	4970	0233
4796	TC 40 - WN 8 / H 50	40	8	50	28	•	4971	0235
4797	TC 40 - WN 10 / H 50	40	10	50	35	•	4972	0238
4798	TC 40 - WN 12 / H 50	40	12	50	42	•	4973	0240
4799	TC 40 - WN 14 / H 50	40	14	50	44	•	4973	0240
4800	TC 40 - WN 16 / H 63	40	16	63	48	•	4974	0245
4801	TC 40 - WN 18 / H 63	40	18	63	50	•	4974	0245
4802	TC 40 - WN 20 / H 63	40	20	63	52	•	4975	0245
4803	TC 40 - WN 25 / H 100	40	25	100	65	•	4976	0212
4804	TC 40 - WN 32 / H 100	40	32	100	72	•	4977	0212
4805	TC 40 - WN 40 / H 115	40	40	115	80	•	4977	0212
4815	TC 50 - WN 6 / H 63	50	6	63	25	•	4970	0233
4816	TC 50 - WN 8 / H 63	50	8	63	28	•	4971	0235
4817	TC 50 - WN 10 / H 63	50	10	63	35	•	4972	0238
4818	TC 50 - WN 12 / H 63	50	12	63	42	•	4973	0240
4819	TC 50 - WN 14 / H 63	50	14	63	44	•	4973	0240
4820	TC 50 - WN 16 / H 63	50	16	63	48	•	4974	0245
4821	TC 50 - WN 18 / H 63	50	18	63	50	•	4974	0245
4822	TC 50 - WN 20 / H 63	50	20	63	52	•	4975	0245
4823	TC 50 - WN 25 / H 80	50	25	80	65	•	4976	0247
4824	TC 50 - WN 32 / H 100	50	32	100	72	•	4977	0247
4825	TC 50 - WN 40 / H 120	50	40	120	80	•	4977	0247

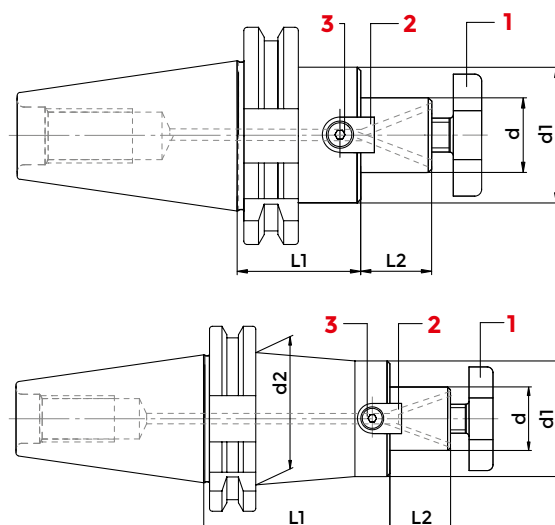
INDEXABLE DRILL HOLDERS



DIN69871 AD

COD.	DESCRIPTION	ISO	D	d	H	L	G6,3 12000	1
								SCREW
								
8677	TC 40 - D. 16 P	40	16	36	65	54	•	0403
8678	TC 40 - D. 20 P	40	20	40	65	54	•	0403
8679	TC 40 - D. 25 P	40	25	45	70	59	•	0417
8680	TC 40 - D. 32 P	40	32	52	70	63	•	0417
8681	TC 50 - D. 16 P	50	16	36	70	54	•	0403
8682	TC 50 - D. 20 P	50	20	40	70	54	•	0403
8683	TC 50 - D. 25 P	50	25	45	70	59	•	0417
8684	TC 50 - D. 32 P	50	32	52	70	63	•	0417
8685	TC 50 - D. 40 P	50	40	60	80	73	•	0493

FACE MILL HOLDERS - TENONS DRIVE

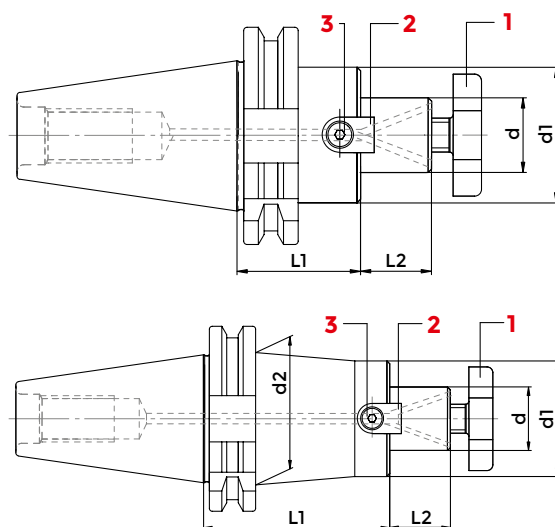


DIN69871 AD/B - ISO 3937

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L1	L2	d1	d2	G6, 3 8000	1	2	3	
										CROSS SCREW	TENON	SCREW	WRENCH
													
4122	-	TC 30 - D. 16 FISSO / H 35	30	16	35	17	38	-	•	4985	7421	0255	4562
4124	-	TC 30 - D. 22 FISSO / H 50	30	22	50	19	48	-	•	4986	7427	0256	4563
4126	-	TC 30 - D. 27 FISSO / H 50	30	27	50	21	58	-	•	4987	7428	7414	4564
4143	-	TC 30 - D. 32 FISSO / H 55	30	32	55	24	58	-	•	4988	7439	0207	4565
4127	5844	TC 40 - D. 16 FISSO / H 45	40	16	45	17	38	-	•	4985	7421	0255	4562
5537	5845	TC 40 - D. 16 FISSO / H 100	40	16	100	17	38	-	•	4985	7421	0255	4562
9400	9410	TC 40 - D. 16 FISSO / H 130	40	16	130	17	38	-	•	4985	7421	0255	4562
8364	8385	TC 40 - D. 16 FISSO / H 160	40	16	160	17	38	-	•	4985	7421	0255	4562
-	8386	TC 40 - D. 16 FISSO / H 200	40	16	200	17	38	-	•	4985	7421	0255	4562
4652	5846	TC 40 - D. 22 FISSO / H 45	40	22	45	19	48	-	•	4986	7427	0256	4563
5538	5847	TC 40 - D. 22 FISSO / H 100	40	22	100	19	48	-	•	4986	7427	0256	4563
9401	9411	TC 40 - D. 22 FISSO / H 130	40	22	130	19	46	-	•	4986	7427	0256	4563
5539	8387	TC 40 - D. 22 FISSO / H 160	40	22	160	19	46	48	•	4986	7427	0256	4563
-	8388	TC 40 - D. 22 FISSO / H 200	40	22	200	19	46	48	•	4986	7427	0256	4563
4653	5848	TC 40 - D. 27 FISSO / H 50	40	27	50	21	58	-	•	4987	7428	7414	4564
5540	5849	TC 40 - D. 27 FISSO / H 100	40	27	100	21	48	-	•	4987	7428	7414	4564
9402	9412	TC 40 - D. 27 FISSO / H 130	40	27	130	21	48	-	•	4987	7428	7414	4564
5541	8389	TC 40 - D. 27 FISSO / H 160	40	27	160	21	58	-	•	4987	7428	7414	4564
-	8390	TC 40 - D. 27 FISSO / H 200	40	27	200	21	58	-	•	4987	7428	7414	4564
4654	5850	TC 40 - D. 32 FISSO / H 55	40	32	55	24	78	-	•	4988	7439	0207	4565
5542	5851	TC 40 - D. 32 FISSO / H 100	40	32	100	24	58	-	•	4988	7439	0207	4565
8368	8391	TC 40 - D. 32 FISSO / H 160	40	32	160	24	78	-	•	4988	7439	0207	4565
4655	5852	TC 40 - D. 40 FISSO / H 55	40	40	55	27	88	-	•	4989	7430	0099	4566
4694	8392	TC 40 - D. 40 FISSO / H 100	40	40	100	27	70	-	•	4989	7430	0099	4566
8369	8393	TC 40 - D. 40 FISSO / H 160	40	40	160	27	80	-	•	4989	7430	0099	4566
4661	5853	TC 50 - D. 16 FISSO / H 45	50	16	45	17	38	-	•	4985	7421	0255	4562
4695	5854	TC 50 - D. 16 FISSO / H 100	50	16	100	17	38	-	•	4985	7421	0255	4562
9405	9415	TC 50 - D. 16 FISSO / H 130	50	16	130	17	38	-	•	4985	7421	0255	4562
8370	8394	TC 50 - D. 16 FISSO / H 160	50	16	160	17	38	-	•	4985	7421	0255	4562
-	8395	TC 50 - D. 16 FISSO / H 200	50	16	200	17	38	-	•	4985	7421	0255	4562

follows >>

FACE MILL HOLDERS - TENONS DRIVE



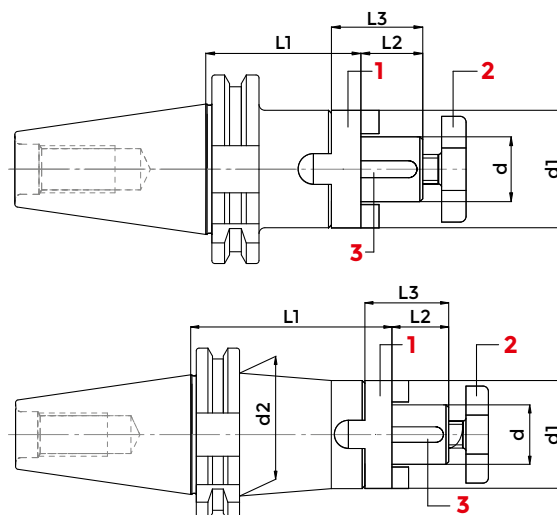
DIN69871 AD/B - ISO 3937

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L1	L2	d1	d2	G6, 3 8000	1	2	3	
										CROSS SCREW	TENON	SCREW	WRENCH
													
4662	5855	TC 50 - D. 22 FISSO / H 45	50	22	45	19	48	-	•	4986	7427	0256	4563
5544	5856	TC 50 - D. 22 FISSO / H 100	50	22	100	19	46	48	•	4986	7427	0256	4563
9004	-	TC 50 - D. 22 FISSO / H 100 FIS.63	50	22	100	19	50	60	•	4986	7427	0256	4563
9406	9416	TC 50 - D. 22 FISSO / H 130	50	22	130	19	46	60	•	4986	7427	0256	4563
5545	8396	TC 50 - D. 22 FISSO / H 160	50	22	160	19	46	48	•	4986	7427	0256	4563
9005	-	TC 50 - D. 22 FISSO / H 160 FIS.63	50	22	160	19	50	60	•	4986	7427	0256	4563
-	8397	TC 50 - D. 22 FISSO / H 200	50	22	200	19	46	48	•	4986	7427	0256	4563
-	8398	TC 50 - D. 22 FISSO / H 250	50	22	250	19	48	60	•	4986	7427	0256	4563
-	8399	TC 50 - D. 22 FISSO / H 300	50	22	300	19	48	60	•	4986	7427	0256	4563
4663	5857	TC 50 - D. 27 FISSO / H 45	50	27	45	21	58	-	•	4987	7428	7414	4564
5546	5858	TC 50 - D. 27 FISSO / H 100	50	27	100	21	55	78	•	4987	7428	7414	4564
9407	9417	TC 50 - D. 27 FISSO / H 130	50	27	130	21	55	78	•	4987	7428	7414	4564
5547	8400	TC 50 - D. 27 FISSO / H 160	50	27	160	21	55	78	•	4987	7428	7414	4564
-	8401	TC 50 - D. 27 FISSO / H 200	50	27	200	21	55	78	•	4987	7428	7414	4564
-	8402	TC 50 - D. 27 FISSO / H 250	50	27	250	21	55	78	•	4987	7428	7414	4564
-	8403	TC 50 - D. 27 FISSO / H 300	50	27	300	21	55	78	•	4987	7428	7414	4564
4664	5859	TC 50 - D. 32 FISSO / H 55	50	32	55	24	78	-	•	4988	7439	0207	4565
5548	5860	TC 50 - D. 32 FISSO / H 100	50	32	100	24	66	78	•	4988	7439	0207	4565
9408	9418	TC 50 - D. 32 FISSO / H 130	50	32	130	24	66	78	•	4988	7439	0207	4565
5549	8404	TC 50 - D. 32 FISSO / H 160	50	32	160	24	66	78	•	4988	7439	0207	4565
-	8405	TC 50 - D. 32 FISSO / H 200	50	32	200	24	66	78	•	4988	7439	0207	4565
-	8406	TC 50 - D. 32 FISSO / H 250	50	32	250	24	66	78	•	4988	7439	0207	4565
-	8407	TC 50 - D. 32 FISSO / H 300	50	32	300	24	66	-	•	4988	7439	0207	4565
4665	5861	TC 50 - D. 40 FISSO / H 55	50	40	55	27	88	-	•	4989	7430	0099	4566
5550	5862	TC 50 - D. 40 FISSO / H 100	50	40	100	27	70	-	•	4989	7430	0099	4566
9007	-	TC 50 - D. 40 FISSO / H 130 FIS. 63	50	40	130	27	70	78	•	4989	7430	0099	4566
8381	8408	TC 50 - D. 40 FISSO / H 160	50	40	160	27	70	78	•	4989	7430	0099	4566
-	8409	TC 50 - D. 40 FISSO / H 200	50	40	200	27	70	78	•	4989	7430	0099	4566

ACCESSORIES



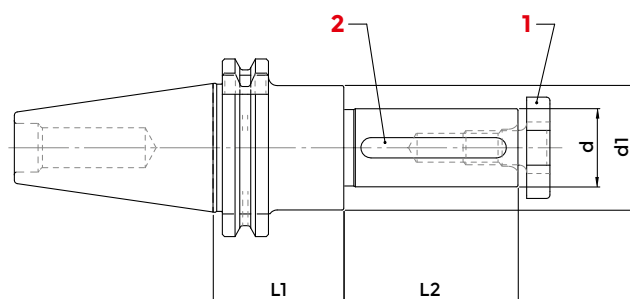
COMBI-SHELL MILL HOLDERS



DIN69871 A

COD.	DESCRIPTION	ISO	d	L1	L2	L3	d1	d2	G6, 3 8000	1	2	3
										COUPLING RING	CROSS SCREW	KEY WRENCH
												 
3828	TC 30 - D.16 C/ H 50	30	16	50	17	27	32	-	•	4090	4985	0115 4562
3829	TC 30 - D.22 C/ H 50	30	22	50	19	31	40	-	•	4091	4986	0116 4563
3831	TC 40 - D.16 C/ H 55	40	16	55	17	27	32	-	•	4090	4985	0115 4562
4100	TC 40 - D.16 C/ H 100	40	16	100	17	27	32	44	•	4090	4985	0015 4562
8474	TC 40 - D.16 C/ H 160	40	16	160	17	27	32	44	•	4090	4985	0015 4562
3832	TC 40 - D.22 C/ H 55	40	22	55	19	31	40	-	•	4091	4986	0116 4563
4101	TC 40 - D.22 C/ H 100	40	22	100	19	31	40	-	•	4091	4986	0116 4563
8475	TC 40 - D.22 C/ H 160	40	22	160	19	31	40	-	•	4091	4986	0116 4563
3833	TC 40 - D.27 C/ H 55	40	27	55	21	33	48	-	•	4092	4987	0122 4564
4102	TC 40 - D.27 C/ H 100	40	27	100	21	33	48	-	•	4092	4987	0122 4564
8476	TC 40 - D.27 C/ H 160	40	27	160	21	33	48	-	•	4092	4987	0122 4564
3834	TC 40 - D.32 C/ H 60	40	32	60	24	32	58	-	•	4093	4988	0125 4565
4103	TC 40 - D.32 C/ H 100	40	32	100	24	32	58	-	•	4093	4988	0125 4565
8477	TC 40 - D.32 C/ H 160	40	32	160	24	32	58	-	•	4093	4988	0125 4565
3835	TC 40 - D.40 C/ H 60	40	40	60	27	40	70	-	•	4094	4989	0133 4566
3863	TC 40 - D.40 C/ H 100	40	40	100	27	40	70	-	•	4094	4989	0133 4566
3836	TC 45 - D.16 C/ H 60	45	16	60	17	16	32	-	•	4090	4985	0115 4562
3837	TC 45 - D.22 C/ H 65	45	22	65	19	11	40	-	•	4091	4986	0116 4563
4105	TC 45 - D.22 C/ H 100	45	22	100	19	22	40	-	•	4091	4986	0116 4563
3838	TC 45 - D.27 C/ H 65	45	27	65	21	27	48	-	•	4092	4987	0122 4564
4106	TC 45 - D.27 C/ H 100	45	27	100	21	27	48	-	•	4092	4987	0122 4564
3839	TC 45 - D.32 C/ H 65	45	32	65	24	32	58	-	•	4093	4988	0125 4565
3840	TC 45 - D.40 C/ H 70	45	40	70	27	40	70	-	•	4094	4989	0133 4566
3841	TC 50 - D.16 C/ H 55	50	16	55	17	16	32	-	•	4090	4985	0115 4562
4108	TC 50 - D.16 C/ H 100	50	16	100	17	16	32	50	•	4090	4985	0115 4562
3842	TC 50 - D.22 C/ H 55	50	22	55	19	22	40	-	•	4091	4986	0116 4563
4109	TC 50 - D.22 C/ H 100	50	22	100	19	22	40	60	•	4091	4986	0116 4563
3843	TC 50 - D.27 C/ H 55	50	27	55	21	27	48	-	•	4092	4987	0122 4564
4110	TC 50 - D.27 C/ H 100	50	27	100	21	27	48	60	•	4092	4987	0122 4564
3844	TC 50 - D.32 C/ H 55	50	32	55	24	32	58	-	•	4093	4988	0125 4565
4111	TC 50 - D.32 C/ H 100	50	32	100	24	32	58	-	•	4093	4988	0125 4565
3845	TC 50 - D.40 C/ H 55	50	40	55	27	40	70	-	•	4094	4989	0133 4566
4112	TC 50 - D.40 C/ H 100	50	40	100	27	40	70	-	•	4094	4989	0133 4566
4522	TC 50 - D.50 C/ H 70	50	50	70	30	50	90	-	•	4095	4990	0137 4567

MILL HOLDERS WITH FEATHER KEY



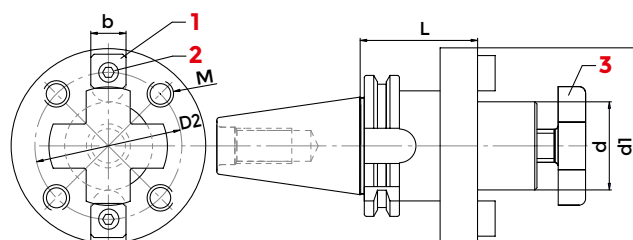
DIN69871 A

COD.	DESCRIPTION	ISO	d	L1	L2	d1	G6, 3 8000	1	2	3
								CROSS SCREW	KEY	WRENCH
										
8493	TC 40 - D. 16 CHT	40	16	45	30	28	•	4985	0147	4562
8494	TC 40 - D. 22 CHT	40	22	45	40	36	•	4986	0148	4563
8495	TC 40 - D. 27 CHT	40	27	45	60	43	•	4987	0149	4564
8496	TC 40 - D. 32 CHT	40	32	45	60	48	•	4988	0150	4565
8497	TC 40 - D. 40 CHT	40	40	45	60	56	•	4989	0151	4566

ACCESSORIES



FACE MILL HOLDER FOR FACE MILLING CUTTERS



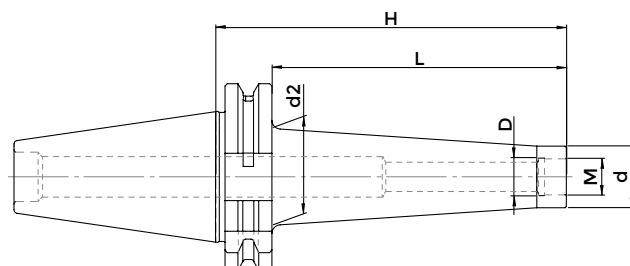
DIN69871 A - DIN 6357

COD.	DESCRIPTION	ISO	d	L	d1	D2	M	b	G6, 3 8000	1	2	3
										SCREW	TENON	CROSS SCREW
												
4181	TC 40 - D. 40 FM	40	40	60	89	66,7	M 12	15,9	•	0207	0210	4989
4184	TC 50 - D. 40 FM	50	40	70	89	66,7	M 12	15,9	•	0207	0210	4989
4185	TC 50 - D. 60 FM	50	60	70	129	101,6	M 16	25,4	•	0407	0211	-

ACCESSORIES



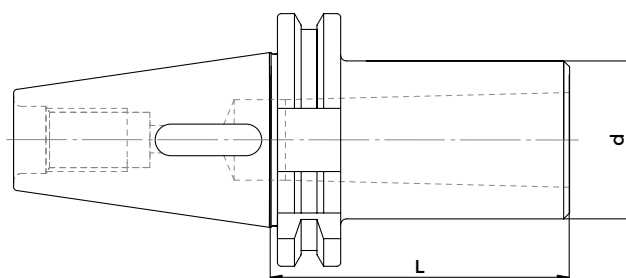
END MILL HOLDERS FOR MILLING CUTTERS WITH THREADED SHANKS



DIN69871 AD - DIN 6358

COD.	DESCRIPTION	ISO	M	D	d	d2	H	L	G6,3 12000
7800	TC 40 - M 8 / H 55	40	M 8	8,5	13	15	55	36	•
7801	TC 40 - M 8 / H 69	40	M 8	8,5	13	23	69	50	•
7802	TC 40 - M 8 / H 94	40	M 8	8,5	13	23	94	75	•
7803	TC 40 - M 8 / H 119	40	M 8	8,5	13	25	119	100	•
7804	TC 40 - M 10 / H 55	40	M 10	10,5	18	20	55	36	•
7805	TC 40 - M 10 / H 69	40	M 10	10,5	18	23	69	50	•
7806	TC 40 - M 10 / H 94	40	M 10	10,5	18	28	94	75	•
7807	TC 40 - M 10 / H 119	40	M 10	10,5	18	32	119	100	•
7808	TC 40 - M 10 / H 145	40	M 10	10,5	18	34	145	126	•
7809	TC 40 - M 12 / H 55	40	M 12	12,5	21	24	55	36	•
7810	TC 40 - M 12 / H 69	40	M 12	12,5	21	24	69	50	•
7811	TC 40 - M 12 / H 94	40	M 12	12,5	21	31	94	75	•
7812	TC 40 - M 12 / H 119	40	M 12	12,5	21	33	119	100	•
7813	TC 40 - M 12 / H 145	40	M 12	12,5	21	38	145	126	•
7814	TC 40 - M 12 / H 175	40	M 12	12,5	21	42	175	156	•
7815	TC 40 - M 16 / H 55	40	M 16	17	29	32	55	36	•
7816	TC 40 - M 16 / H 69	40	M 16	17	29	34	69	50	•
7817	TC 40 - M 16 / H 94	40	M 16	17	29	34	94	75	•
7818	TC 40 - M 16 / H 119	40	M 16	17	29	36	119	100	•
7819	TC 40 - M 16 / H 145	40	M 16	17	29	40	145	126	•
7820	TC 40 - M 16 / H 175	40	M 16	17	29	39	175	156	•
7999	TC 40 - M 16 / H 195	40	M 16	17	29	44	195	176	•
8713	TC 50 - M 10 / H 69	50	M 16	10,5	18	19,5	69	50	•
8714	TC 50 - M 10 / H 119	50	M 16	10,5	18	28	119	100	•
8715	TC 50 - M 10 / H 169	50	M 16	10,5	18	32	169	150	•
7821	TC 50 - M 12 / H 69	50	M 12	12,5	21	24	69	50	•
7822	TC 50 - M 12 / H 119	50	M 12	12,5	21	33	119	100	•
7823	TC 50 - M 12 / H 169	50	M 12	12,5	21	40	169	150	•
8716	TC 50 - M 12 / H 235	50	M 12	12,5	21	42	235	216	•
7824	TC 50 - M 16 / H 69	50	M 16	17	29	34	69	50	•
7825	TC 50 - M 16 / H 119	50	M 16	17	29	36	119	100	•
7826	TC 50 - M 16 / H 169	50	M 16	17	29	42,5	169	150	•
8717	TC 50 - M 16 / H 235	50	M 16	17	29	44	235	216	•

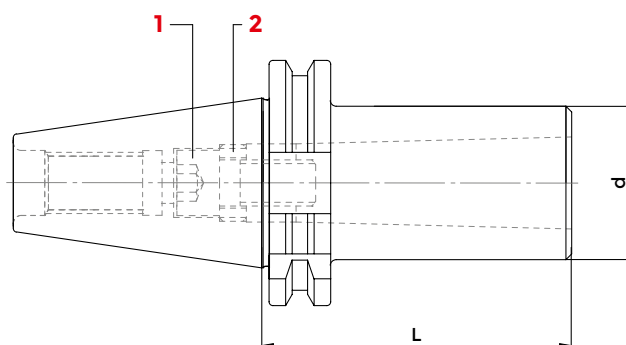
INDEXABLE MORSE TAPER DRILL HOLDERS



DIN69871 AD

COD.	DESCRIPTION	ISO	CM	d	L
3600	TC 30 - CM 1 PUNTE	30	1	25	55
3631	TC 30 - CM 2 PUNTE	30	2	32	60
3632	TC 30 - CM 3 PUNTE	30	3	40	90
3601	TC 40 - CM 1 PUNTE	40	1	25	50
3602	TC 40 - CM 2 PUNTE	40	2	32	60
3635	TC 40 - CM 3 PUNTE	40	3	40	75
3636	TC 40 - CM 4 PUNTE	40	4	48	95
3603	TC 50 - CM 1 PUNTE	50	1	25	45
3604	TC 50 - CM 2 PUNTE	50	2	32	60
3605	TC 50 - CM 3 PUNTE	50	3	40	65
3645	TC 50 - CM 4 PUNTE	50	4	48	95
3646	TC 50 - CM 5 PUNTE	50	5	63	105

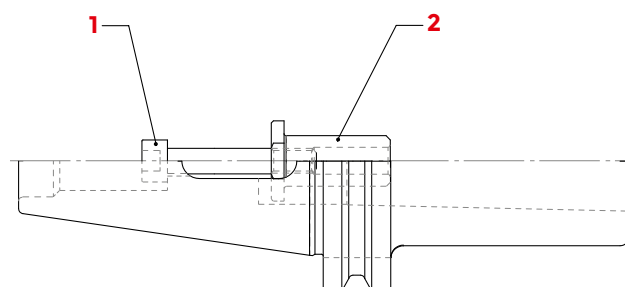
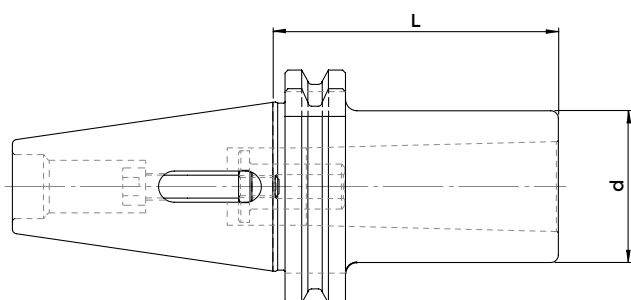
END MILL HOLDERS FOR MORSE TAPER CUTTERS



DIN69871 A - DIN 6357

COD.	DESCRIPTION	ISO	MORSE	d	L	1	2	3
						SCREW	LEFT NUT	WRENCH
3893	TC 30- CM 3 FRESE	30	3	40	80			
5100	TC 40- CM 1 FRESE	40	1	25	50	7402	7423	4570
3681	TC 40- CM 2 FRESE	40	2	32	50	0099	7420	816-20204002
3894	TC 40- CM 3 FRESE	40	3	40	70	7448	7422	4569
3895	TC 40- CM 4 FRESE	40	4	48	95	7403	7423	4570
3896	TC 45- CM 4 FRESE	45	4	48	110	7404	7424	4571
5101	TC 50- CM 1 FRESE	50	1	25	45	7407	7424	4571
3666	TC 50- CM 2 FRESE	50	2	32	50	0099	7420	816-20204002
3897	TC 50- CM 3 FRESE	50	3	40	65	7448	7422	4569
3898	TC 50- CM 4 FRESE	50	4	48	95	7403	7423	4570
3899	TC 50- CM 5 FRESE	50	5	63	120	7407	7424	4571
						7408	7425	4572

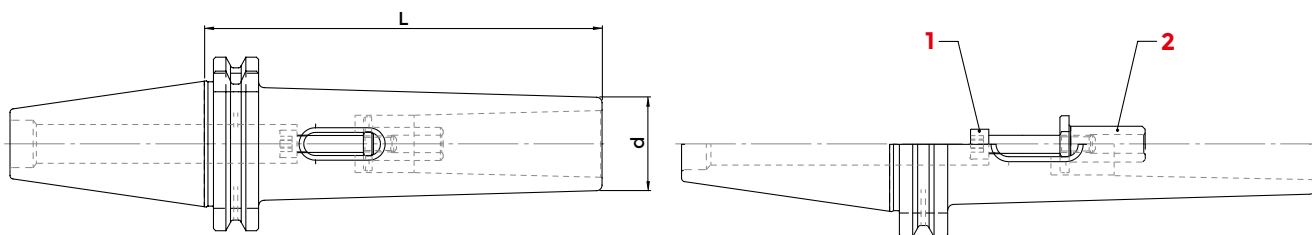
COMBI MORSE TAPER HOLDERS FOR DRILLS AND MILLING CUTTERS



DIN69871 AD - DIN 228-2 FORM C/D

COD.	DESCRIPTION	ISO	MORSE	d	L	1	2
						SCREW	REDUCER
							
3633	TC 40 - CM 1 P+ F	40	1	25	50	7400	-
3634	TC 40 - CM 2 P+ F	40	2	32	60	7401	-
3607	TC 40 - CM 3 P+ F	40	3	40	75	7400	0130
3637	TC 45 - CM 1 P+ F	45	1	25	50	7400	-
3638	TC 45 - CM 2 P+ F	45	2	32	60	7405	-
3639	TC 45 - CM 3 P+ F	45	3	40	80	7455	-
3641	TC 45 - CM 4 P+ F	45	4	48	100	0056	0129
3642	TC 50 - CM 1 P+ F	50	1	25	45	7400	-
3643	TC 50 - CM 2 P+ F	50	2	32	60	7405	-
3644	TC 50 - CM 3 P+ F	50	3	40	65	7406	-
3682	TC 50 - CM 4 P+ F	50	4	48	105	7406	0131

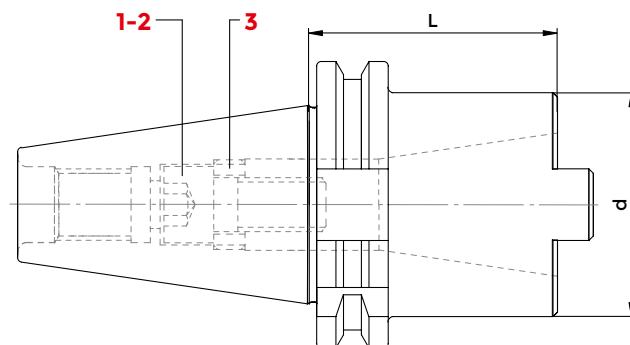
COMBI MORSE TAPER HOLDERS FOR DRILLS AND MILLING CUTTERS - LONG SERIES



DIN69871 AD - DIN 228-2 FORM C/D

COD. DRILLS	COD. DRILLS + MILLING CUTTERS	DESCRIPTION	ISO	MORSE	d	L	1	2
							SCREW	REDUCER
								
3778	4238	TC 40 - CM 1	40	1	18	120	7400	-
3779	4239	TC 40 - CM 2	40	2	25	120	7401	-
3780	4240	TC 40 - CM 3	40	3	33	140	7400	0130
4241	-	TC 40 - CM 4	40	4	48	165	-	-
3745	4248	TC 50 - CM 1	50	1	18	120	7400	-
3746	4249	TC 50 - CM 2	50	2	25	140	7405	-
3747	4250	TC 50 - CM 3	50	3	33	150	7406	-
3748	4251	TC 50 - CM 4	50	4	40	180	7409	-
3749	-	TC 50 - CM 5	50	5	55	220	-	-

ADAPTER FROM DIN69871(SK) TO MAS403BT/SK/DIN2080

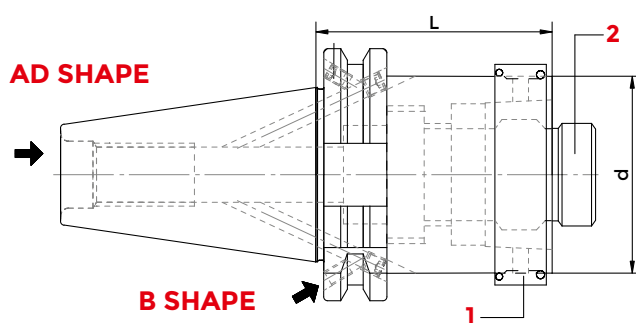


DIN69871 A

COD.	DESCRIPTION	ISO	ISO	d	L	G6.3 8000	1	2	3	WRENCH
							SCREW DIN 2080	SCREW BT DIN 69871	NUT	
4203	TC 40 - ISO 30 / TC 30 / BT 30	40	30	50	60	•	*7410	* 0177	* 7423	4570
8670	TC 40 - ISO 40 / TC 40 / BT 40	40	40	68	100	•	*7411	* 0179	* 7424	4571
4257	TC 50 - ISO 40 / TC 40 / BT 40	50	40	68	70	•	*7411	* 0179	* 7424	4571
8671	TC 50 - ISO 50 / TC 50 / BT 50	50	50	100	120	•	*7417	* 0254	* 7426	4780

* included in delivery

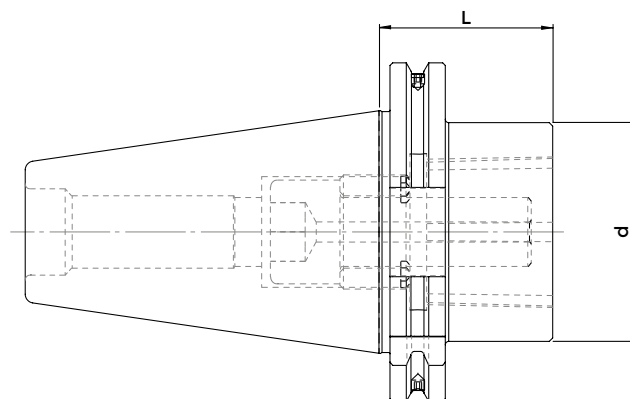
ADAPTER FROM DIN69871(SK) TO DIN69893-1 (HSK A+C)



DIN69871 AD/B

COD.	DESCRIPTION	ISO	d	L	G6.3 8000	1	2
						LOCKING RING	CLAMPING UNIT
6594	TC 40 - HSK 50 A+C	40	50	60	•	H50A-AN	H50A-UBL
6595	TC 40 - HSK 63 A+C	40	63	80	•	H63A-AN	H63A-UBL
6596	TC 50 - HSK 63 A+C	50	63	60	•	H63A-AN	H63A-UBL

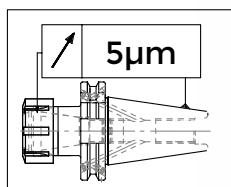
ADAPTER FROM DIN69871(SK) TO ISO26623-1 (POLYGONAL)



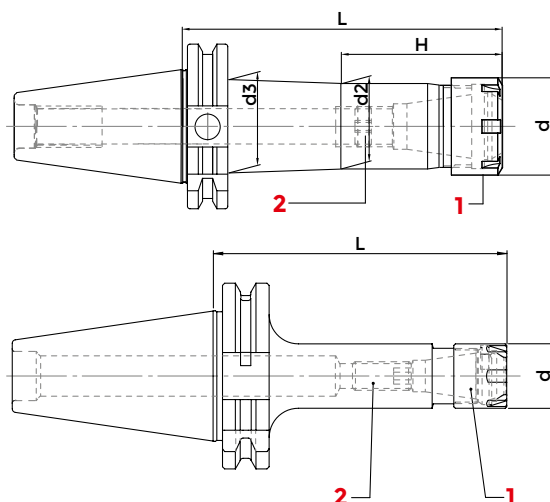
DIN69871 AD/B

COD.	DESCRIPTION	ISO	d	L	G6.3 8000
11000	TC 40 - C 40 / H 30	40	40	30	•
11001	TC 40 - C 40 / H 60	40	40	60	•
11002	TC 40 - C 50 / H 40	40	50	40	•
11003	TC 40 - C 63 / H 85	40	63	85	•
11004	TC 50 - C 40 / H 30	50	40	30	•
11005	TC 50 - C 40 / H 60	50	40	60	•
11006	TC 50 - C 50 / H 30	50	50	30	•
11007	TC 50 - C 50 / H 70	50	50	70	•
11008	TC 50 - C 50 / H 110	50	50	110	•
11009	TC 50 - C 63 / H 30	50	63	30	•
11010	TC 50 - C 63 / H 50	50	63	50	•
11011	TC 50 - C 63 / H 80	50	63	80	•
11012	TC 50 - C 80 / H 70	50	80	70	•
11013	TC 50 - C 80 / H 120	50	80	120	•

ER COLLET CHUCK WITH MINI NUT



H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



DIN 69871 AD - DIN6499/ISO15488 - DIN 69871 AD/B

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	ER	d	d2	d3	H	L	G6.3 12000	G6.3 15000	1 2			
												NUT	SCREW	WRENCH	COLLET
															
4073	4720	TC 40 - ER 11 GM / H 70 SLIM LINE	40	ER 11 1÷ 8	16	14	20	22	70	-	•	5691	0181	5718	5573
4020	4721	TC 40 - ER 11 GM / H100 SLIM LINE	40	ER 11 1÷ 8	16	14	20	40	100	-	•	5691	0181	5718	5573
4057	4722	TC 40 - ER 11 GM / H130 SLIM LINE	40	ER 11 1÷ 8	16	16	-	-	130	-	•	5691	0181	5718	5573
3416	4723	TC 40 - ER 11 GM / H160 SLIM LINE	40	ER 11 1÷ 8	16	14	27	50	160	-	•	5691	0181	5718	5573
3417	4724	TC 40 - ER 16 GM / H 70 SLIM LINE	40	ER 16 1÷12	22	20	25	27	70	-	•	5694	0186	5719	0364
4074	4748	TC 40 - ER 16 GM / H100 SLIM LINE	40	ER 16 1÷12	22	20	26	47	100	-	•	5694	0186	5719	0364
3433	4749	TC 40 - ER 16 GM / H130 SLIM LINE	40	ER 16 1÷12	22	22	-	-	130	-	•	5694	0186	5719	0364
4014	4021	TC 40 - ER 16 GM / H160 SLIM LINE	40	ER 16 1÷12	22	20	26	97	160	-	•	5694	0186	5719	0364
3418	4026	TC 40 - ER 16 GM / H200 SLIM LINE	40	ER 16 1÷12	22	22	-	-	200	-	•	5694	0186	5719	0364
3005	4000	TC 40 - ER 20 GM / H 70 SLIM LINE	40	ER 20 1÷15	28	28	-	-	70	-	•	5695	4973	5720	0787
4015	4022	TC 40 - ER 20 GM / H100 SLIM LINE	40	ER 20 1÷15	28	26	30	48	100	-	•	5695	4973	5720	0787
3434	4750	TC 40 - ER 20 GM / H130 SLIM LINE	40	ER 20 1÷15	28	28	-	-	130	-	•	5695	4973	5720	0787
4016	4691	TC 40 - ER 20 GM / H160 SLIM LINE	40	ER 20 1÷15	28	26	31	98	160	-	•	5695	4973	5720	0787
4017	4729	TC 40 - ER 20 GM / H200 SLIM LINE	40	ER 20 1÷15	28	28	-	-	200	-	•	5695	4973	5720	0787
3007	4001	TC 40 - ER 25 GM / H 70 SLIM LINE	40	ER 25 1÷20	35	35	-	-	70	-	•	5696	0190	5721	0996
4075	4751	TC 40 - ER 25 GM / H100 SLIM LINE	40	ER 25 1÷20	35	35	-	-	100	-	•	5696	0190	5721	0996
3435	4730	TC 40 - ER 25 GM / H130 SLIM LINE	40	ER 25 1÷20	35	35	-	-	130	-	•	5696	0190	5721	0996
3436	4752	TC 40 - ER 25 GM / H160 SLIM LINE	40	ER 25 1÷20	35	35	-	-	160	-	•	5696	0190	5721	0996
3437	4753	TC 40 - ER 25 GM / H200 SLIM LINE	40	ER 25 1÷20	35	35	-	-	200	-	•	5696	0190	5721	0996
3008	4046	TC 50 - ER 16 GM / H100 SLIM LINE	50	ER 16 1÷12	22	22	26	47	100	•	-	5694	0190	5719	0364
3440	4756	TC 50 - ER 16 GM / H130 SLIM LINE	50	ER 16 1÷12	22	22	-	-	130	•	-	5694	0190	5719	0364
4018	4693	TC 50 - ER 16 GM / H160 SLIM LINE	50	ER 16 1÷12	22	22	28	97	160	•	-	5694	0190	5719	0364
4019	4757	TC 50 - ER 16 GM / H200 SLIM LINE	50	ER 16 1÷12	22	22	-	-	200	•	-	5694	0190	5719	0364
3010	4047	TC 50 - ER 20 GM / H100 SLIM LINE	50	ER 20 1÷15	28	28	32	48	100	•	-	5695	4973	5720	0787
3441	4758	TC 50 - ER 20 GM / H130 SLIM LINE	50	ER 20 1÷15	28	28	-	-	130	•	-	5695	4973	5720	0787
3419	4760	TC 50 - ER 20 GM / H160 SLIM LINE	50	ER 20 1÷15	28	28	32	98	160	•	-	5695	4973	5720	0787
3012	4070	TC 50 - ER 20 GM / H200 SLIM LINE	50	ER 20 1÷15	28	28	-	-	200	•	-	5695	4973	5720	0787
3016	4071	TC 50 - ER 25 GM / H100 SLIM LINE	50	ER 25 1÷20	35	35	-	-	100	•	-	5696	0190	5721	0996
3024	4483	TC 50 - ER 25 GM / H130 SLIM LINE	50	ER 25 1÷20	35	35	-	-	130	•	-	5696	0190	5721	0996
3420	4759	TC 50 - ER 25 GM / H160 SLIM LINE	50	ER 25 1÷20	35	35	40	103	160	•	-	5696	0190	5721	0996
3025	4484	TC 50 - ER 25 GM / H200 SLIM LINE	50	ER 25 1÷20	35	35	-	-	200	•	-	5696	0190	5721	0996

ACCESSORIES

p. 632



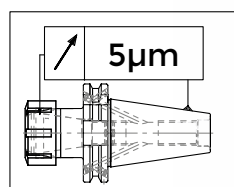
p. 615



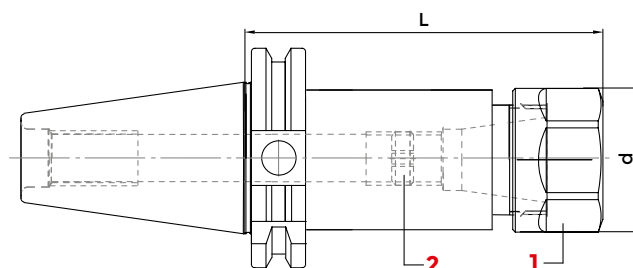
p. 635



ER COLLET CHUCK WITH HEXAGONAL NUT



H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



DIN 69871 AD/B - DIN6499/ISO15488

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	ER	d	L	G6,3 8000	1 2			
								NUT	SCREW	WRENCH	COLLET
8048	-	TC 30 - ER 16 GE / H 55	30	ER 16 1÷12	28	55	•				
8049	-	TC 30 - ER 16 GE / H 100	30	ER 16 1÷12	28	100	•	1214	0183	2906	0364
8050	-	TC 30 - ER 20 GE / H 55	30	ER 20 1÷15	34	55	•	1215	0183	2907	0787
8051	-	TC 30 - ER 20 GE / H 100	30	ER 20 1÷15	34	100	•	1215	0183	2907	0787
3336	4725	TC 40 - ER 11 GE / H 70	40	ER 11 1÷ 8	19	70	•	1157	0181	2905	5573
3337	4726	TC 40 - ER 11 GE / H 100	40	ER 11 1÷ 8	19	100	•	1157	0181	2905	5573
3338	4727	TC 40 - ER 11 GE / H 130	40	ER 11 1÷ 8	19	130	•	1157	0181	2905	5573
3339	4728	TC 40 - ER 11 GE / H 160	40	ER 11 1÷ 8	19	160	•	1157	0181	2905	5573
8052	8068	TC 40 - ER 16 GE / H 70	40	ER 16 1÷12	28	70	•	1214	0186	2906	0364
8053	8069	TC 40 - ER 16 GE / H 100	40	ER 16 1÷12	28	100	•	1214	0186	2906	0364
8054	8070	TC 40 - ER 16 GE / H 130	40	ER 16 1÷12	28	130	•	1214	0186	2906	0364
8055	8071	TC 40 - ER 16 GE / H 160	40	ER 16 1÷12	28	160	•	1214	0186	2906	0364
8056	8072	TC 40 - ER 16 GE / H 200	40	ER 16 1÷12	28	200	•	1214	0186	2906	0364
8057	8073	TC 40 - ER 20 GE / H 70	40	ER 20 1÷15	34	70	•	1215	4973	2907	0787
8058	8074	TC 40 - ER 20 GE / H 100	40	ER 20 1÷15	34	100	•	1215	4973	2907	0787
8059	8075	TC 40 - ER 20 GE / H 130	40	ER 20 1÷15	34	130	•	1215	4973	2907	0787
8060	8076	TC 40 - ER 20 GE / H 160	40	ER 20 1÷15	34	160	•	1215	4973	2907	0787
8061	8077	TC 40 - ER 20 GE / H 200	40	ER 20 1÷15	34	200	•	1215	4973	2907	0787
8062	8078	TC 50 - ER 16 GE / H 100	50	ER 16 1÷12	28	100	•	1214	0186	2906	0364
8063	8079	TC 50 - ER 16 GE / H 160	50	ER 16 1÷12	28	160	•	1214	0186	2906	0364
8064	8080	TC 50 - ER 16 GE / H 200	50	ER 16 1÷12	28	200	•	1214	0186	2906	0364
8065	8081	TC 50 - ER 20 GE / H 100	50	ER 20 1÷15	34	100	•	1215	4973	2907	0787
8066	8082	TC 50 - ER 20 GE / H 160	50	ER 20 1÷15	34	160	•	1215	4973	2907	0787
8067	8083	TC 50 - ER 20 GE / H 200	50	ER 20 1÷15	34	200	•	1215	4973	2907	0787

ACCESSORIES

p. 633



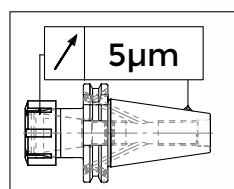
p. 615



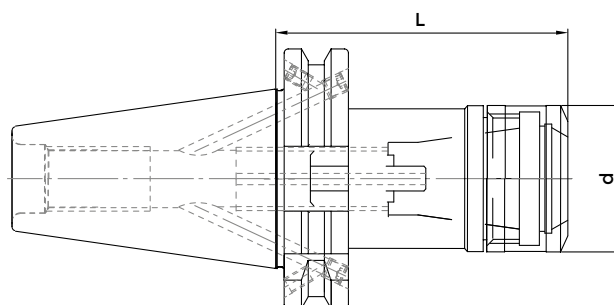
p. 636



ER COLLET CHUCKS - HIGH PRECISION

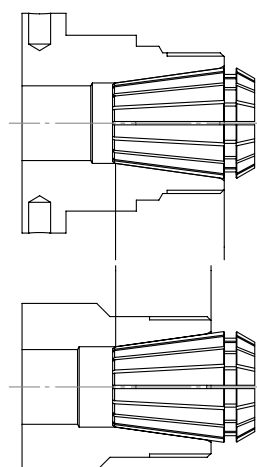


H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



DIN 69871 AD/B

COD.	DESCRIPTION	ISO	L	d	ER	G2.5 30000	NUT	WRENCH
PP91355	TC40H70ER16-HP	40	70	30	16	•	812-203085	816-203069
PP91356	TC40H70ER25-HP	40	70	40	25	•	812-203086	816-203070
PP91357	TC40H70ER32-HP	40	70	50	32	•	812-203087	816-203071
PP91360	TC40H100ER16-HP	40	100	30	16	•	812-203085	816-203069
PP91362	TC40H100ER25-HP	40	100	40	25	•	812-203086	816-203070
PP91363	TC40H100ER32-HP	40	100	50	32	•	812-203087	816-203071
PP91364	TC50H100ER16-HP	50	100	30	16	•	812-203085	816-203069
PP91367	TC50H100ER25-HP	50	100	40	25	•	812-203086	816-203070
PP91359	TC50H70ER32-HP	50	70	50	32	•	812-203087	816-203071
PP91365	TC50H100ER32-HP	50	100	50	32	•	812-203087	816-203071



**HIGH
PRECISION LINE**

STANDARD



Kit:
• 1 holder
• 10 collets

COD.	DESCRIPTION
KIT TC40 ER16 HP	N°1 TC40 H70 ER16 HP + N°10 PINZE ER 16 HP
KIT TC40 ER25 HP	N°1 TC40 H70 ER25 HP + N°10 PINZE ER 16 HP
KIT TC40 ER32 HP	N°1 TC40 H70 ER32 HP + N°10 PINZE ER 16 HP

ACCESSORIES

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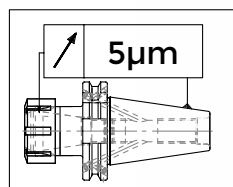
p. 615



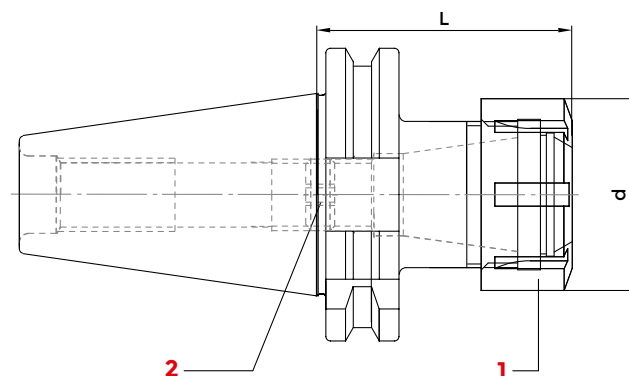
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ER COLLET CHUCKS



H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm

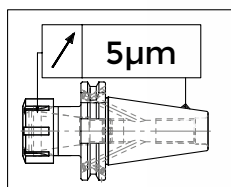


DIN 69871 AD/B - DIN6499/ISO15488

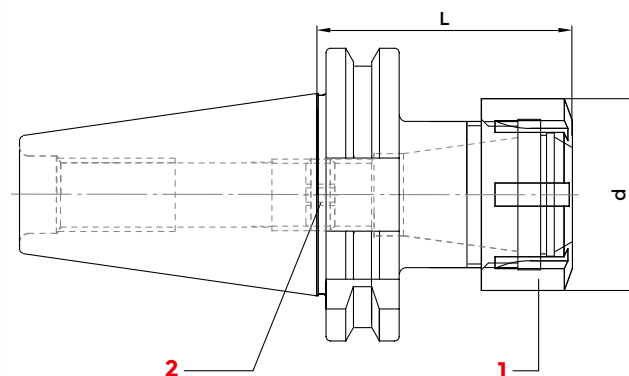
COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	ER	d	L	G6,3 12000	G6,3 15000	1 2			
									NUT	SCREW	WRENCH	COLLET
												
3442	-	TC 30 - ER 16 / H 55	30	ER 16 1÷12	32	55	-	•	4993	0183	3698	0364
3373	-	TC 30 - ER 16 / H 100	30	ER 16 1÷12	32	100	-	•	4993	0183	3698	0364
0138	-	TC 30 - ER 20 / H 55	30	ER 20 1÷15	35	55	-	•	4994	0183	3699	0787
3374	-	TC 30 - ER 20 / H 100	30	ER 20 1÷15	35	100	-	•	4994	0183	3699	0787
3342	-	TC 30 - ER 25 / H 55	30	ER 25 1÷20	42	55	-	•	4995	0190	3669	0996
3375	-	TC 30 - ER 25 / H 100	30	ER 25 1÷20	42	100	-	•	4995	0190	3669	0996
3343	-	TC 30 - ER 32 / H 60	30	ER 32 2÷25	50	60	-	•	4996	0191	3670	0988
3376	-	TC 30 - ER 32 / H 100	30	ER 32 2÷25	50	100	-	•	4996	0191	3670	0988
3336	4725	TC 40 - ER 11 / H 70	40	ER 11 1÷8	19	100	-	•	1157 GE	0181	2905 CE	5573
3337	4726	TC 40 - ER 11 / H 100	40	ER 11 1÷8	19	70	-	•	1157 GE	0181	2905 CE	5573
3338	4727	TC 40 - ER 11 / H 130	40	ER 11 1÷8	19	100	-	•	1157 GE	0181	2905 CE	5573
3339	4728	TC 40 - ER 11 / H 160	40	ER 11 1÷8	19	130	-	•	1157 GE	0181	2905 CE	5573
3443	4700	TC 40 - ER 16 / H 70	40	ER 16 1÷12	32	160	-	•	4993	0186	3698	0364
3444	4701	TC 40 - ER 16 / H 100	40	ER 16 1÷12	32	100	-	•	4993	0186	3698	0364
3098	4754	TC 40 - ER 16 / H 130	40	ER 16 1÷12	32	130	-	•	4993	0186	3698	0364
3445	4702	TC 40 - ER 16 / H 160	40	ER 16 1÷12	32	160	-	•	4993	0186	3698	0364
3446	4755	TC 40 - ER 16 / H 200	40	ER 16 1÷12	32	200	-	•	4993	0186	3698	0364
3344	4703	TC 40 - ER 20 / H 70	40	ER 20 1÷15	35	70	-	•	4994	4973	3699	0787
0140	4704	TC 40 - ER 20 / H 100	40	ER 20 1÷15	35	100	-	•	4994	4973	3699	0787
3099	4830	TC 40 - ER 20 / H 130	40	ER 20 1÷15	35	130	-	•	4994	4973	3699	0787
3100	4705	TC 40 - ER 20 / H 160	40	ER 20 1÷15	35	160	-	•	4994	4973	3699	0787
3104	4831	TC 40 - ER 20 / H 200	40	ER 20 1÷15	35	200	-	•	4994	4973	3699	0787
3345	4706	TC 40 - ER 25 / H 70	40	ER 25 1÷20	42	70	-	•	4995	0190	3669	0996
0141	4707	TC 40 - ER 25 / H 100	40	ER 25 1÷20	42	100	-	•	4995	0190	3669	0996
0142	4708	TC 40 - ER 25 / H 130	40	ER 25 1÷20	42	130	-	•	4995	0190	3669	0996
0146	4709	TC 40 - ER 25 / H 160	40	ER 25 1÷20	42	160	-	•	4995	0190	3669	0996
3105	4832	TC 40 - ER 25 / H 200	40	ER 25 1÷20	42	200	-	•	4995	0190	3669	0996
3346	4710	TC 40 - ER 32 / H 70	40	ER 32 2÷25	50	70	-	•	4996	0191	3670	0988
3347	4711	TC 40 - ER 32 / H 100	40	ER 32 2÷25	50	100	-	•	4996	0191	3670	0988
3101	4712	TC 40 - ER 32 / H 130	40	ER 32 2÷25	50	130	-	•	4996	0191	3670	0988
3348	4713	TC 40 - ER 32 / H 160	40	ER 32 2÷25	50	160	-	•	4996	0191	3670	0988
3102	4076	TC 40 - ER 32 / H 200	40	ER 32 2÷25	50	200	-	•	4996	0191	3670	0988
3349	4714	TC 40 - ER 40 / H 70	40	ER 40 3÷32	63	70	-	•	4997	0195	3671	0821
3350	4715	TC 40 - ER 40 / H 100	40	ER 40 3÷32	63	100	-	•	4997	0195	3671	0821
3351	4716	TC 40 - ER 40 / H 130	40	ER 40 3÷32	63	130	-	•	4997	0195	3671	0821
0153	4717	TC 40 - ER 40 / H 160	40	ER 40 3÷32	63	160	-	•	4997	0195	3671	0821

follows >>

ER COLLET CHUCKS



H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



DIN 69871 AD/B - DIN6499/ISO15488

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	ER	d	L	G6,3 12000	G6,3 15000	1 2			
									NUT	SCREW	WRENCH	COLLET
3103	4718	TC 40 - ER 40 / H 200	40	ER 40 3÷32	63	200	-	•				
0154	4719	TC 40 - ER 50 / H 85	40	ER 50 6÷36	78	85	-	•	4997	0195	3671	0821
3353	-	TC 45 - ER 32 / H 70	45	ER 32 2÷25	50	70	-	•	4998	0195	3668	4055
3106	-	TC 45 - ER 32 / H 100	45	ER 32 2÷25	50	100	-	•	4996	0191	3670	0988
3354	-	TC 45 - ER 32 / H 130	45	ER 32 2÷25	50	130	-	•	4996	0191	3670	0988
0184	-	TC 45 - ER 32 / H 160	45	ER 32 2÷25	50	160	-	•	4996	0191	3670	0988
3355	-	TC 45 - ER 40 / H 80	45	ER 40 3÷32	63	80	-	•	4996	0191	3670	0988
5130	5134	TC 50 - ER 16 / H 70	50	ER 16 1÷12	32	70	•	-	4997	0195	3671	0821
3451	4731	TC 50 - ER 16 / H 100	50	ER 16 1÷12	32	100	•	-	4993	0186	3698	0787
3452	4732	TC 50 - ER 16 / H 160	50	ER 16 1÷12	32	160	•	-	4993	0186	3698	0787
3453	4806	TC 50 - ER 16 / H 200	50	ER 16 1÷12	32	200	•	-	4993	0186	3698	0787
5131	-	TC 50 - ER 20 / H 70	50	ER 20 1÷15	35	70	•	-	4993	0186	3698	0787
3110	4733	TC 50 - ER 20 / H 100	50	ER 20 1÷15	35	100	•	-	4994	4973	3699	0787
3111	4734	TC 50 - ER 20 / H 160	50	ER 20 1÷15	35	160	•	-	4994	4973	3699	0787
3112	4807	TC 50 - ER 20 / H 200	50	ER 20 1÷15	35	200	•	-	4994	4973	3699	0787
3360	4735	TC 50 - ER 25 / H 70	50	ER 25 1÷20	42	70	•	-	4994	4973	3699	0787
0193	4736	TC 50 - ER 25 / H 100	50	ER 25 1÷20	42	100	•	-	4995	0190	3669	0996
0199	4737	TC 50 - ER 25 / H 160	50	ER 25 1÷20	42	160	•	-	4995	0190	3669	0996
3372	4808	TC 50 - ER 25 / H 200	50	ER 25 1÷20	42	200	•	-	4995	0190	3669	0996
3900	4738	TC 50 - ER 32 / H 70	50	ER 32 2÷25	50	70	•	-	4995	0190	3669	0996
3361	4739	TC 50 - ER 32 / H 100	50	ER 32 2÷25	50	100	•	-	4996	0191	3670	0988
3362	4740	TC 50 - ER 32 / H 130	50	ER 32 2÷25	50	130	•	-	4996	0191	3670	0988
3363	4741	TC 50 - ER 32 / H 160	50	ER 32 2÷25	50	160	•	-	4996	0191	3670	0988
3364	4742	TC 50 - ER 32 / H 200	50	ER 32 2÷25	50	200	•	-	4996	0191	3670	0988
3382	4809	TC 50 - ER 32 / H 250	50	ER 32 2÷25	50	250	•	-	4996	0191	3670	0988
3901	4743	TC 50 - ER 40 / H 80	50	ER 40 3÷32	63	80	•	-	4996	0191	3670	0988
3365	4744	TC 50 - ER 40 / H 100	50	ER 40 3÷32	63	100	•	-	4997	0195	3671	0821
3366	4745	TC 50 - ER 40 / H 130	50	ER 40 3÷32	63	130	•	-	4997	0195	3671	0821
3367	4746	TC 50 - ER 40 / H 160	50	ER 40 3÷32	63	160	•	-	4997	0195	3671	0821
3368	4747	TC 50 - ER 40 / H 200	50	ER 40 3÷32	63	200	•	-	4997	0195	3671	0821
3369	4810	TC 50 - ER 50 / H 100	50	ER 50 6÷36	78	100	•	-	4997	0195	3671	0821
8044	8045	TC 50 - ER 50 / H 160	50	ER 50 6÷36	78	160	•	-	4998	0195	3668	4055
									4998	0195	3668	4055

ACCESSORIES

p. 633



p. 615



p. 636



EQUIPMENT CASE WITH REDUCED SET OF ER COLLETS, AD SHAPE COLLET CHUCK AND WRENCH



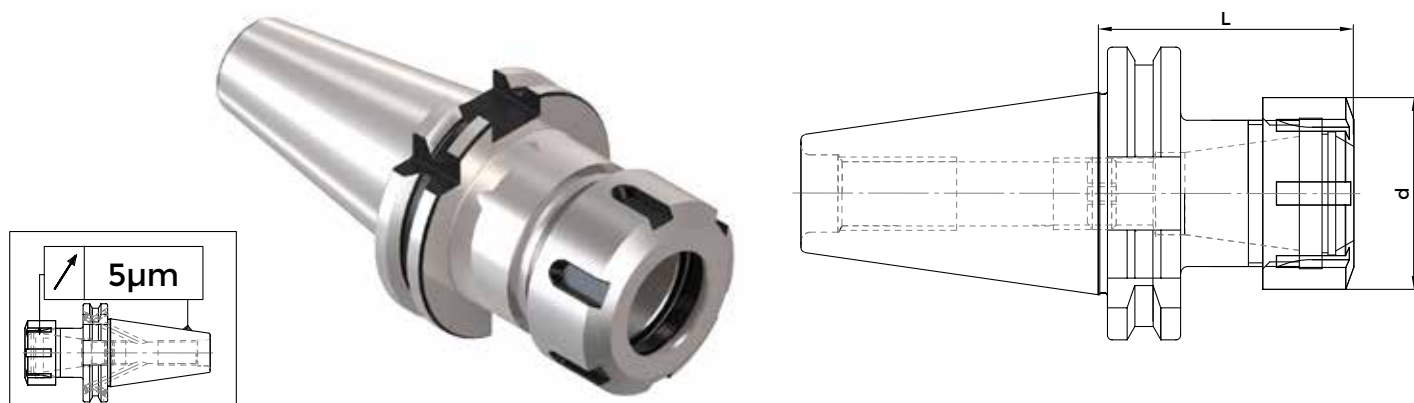
COD.	DESCRIPTION	ISO	1	2	WRENCH	COLLET
			CHUCK	CASE		
						
7772	KIT Rid TC 40 / H 70 - ER 25	40	3345	7022	3669	0996: Ø 4 - 6 - 8 -10 -12 -16
7773	KIT Rid TC 40 / H 70 - ER 32	40	3346	7023	3670	0988: Ø 4 - 6 - 8 -10 -12 -16 - 20
7774	KIT Rid TC 40 / H 70 - ER 40	40	3349	7024	3671	0821: Ø 4 - 6 - 8 -10 -12 -16 - 20 -25
7775	KIT Rid TC 50 / H 70 - ER 32	50	3900	7023	3670	0988: Ø 4 - 6 - 8 -10 -12 -16 - 20
7776	KIT Rid TC 50 / H 80 - ER 40	50	3901	7024	3671	0821: Ø 4 - 6 - 8 -10 -12 -16 - 20 -25

EQUIPMENT CASE WITH COMPLETE SET OF ER COLLETS, AD SHAPE COLLET CHUCK AND WRENCH



COD.	DESCRIPTION	ISO	1	2	WRENCH	COLLET
			CHUCK	CASE		
						
7779	KIT TC 40 / H 70 - ER25	40	3345	7022	3669	0996: Ø 2 ÷ 16 (15 Pinze)
7780	KIT TC 40 / H 70 - ER32	40	3346	7023	3670	0988: Ø 3 ÷ 20 (18 Pinze)
7781	KIT TC 40 / H 70 - ER40	40	3349	7024	3671	0821: Ø 4 ÷ 26 (23 Pinze)
7782	KIT TC 50 / H 70 - ER32	50	3900	7023	3670	0988: Ø 3 ÷ 20 (18 Pinze)
7783	KIT TC 50 / H 80 - ER40	50	3901	7024	3671	0821: Ø 4 ÷ 26 (23 Pinze)

ER COLLET CHUCKS - HIGH SPEED LINE



H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm

DIN 69871 AD - DIN 6499/ISO15488

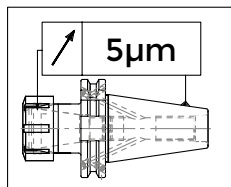
HIGH SPEED LINE

COD.	DESCRIPTION	ISO	ER	d	L	G2.5 30000
PP91301	TC40H70ER16	40	16	32	70	•
PP91324	TC40H70ER20	40	20	35	70	•
PP91302	TC40H70ER25	40	25	42	70	•
PP91303	TC40H70ER32	40	32	50	70	•
PP91304	TC40H70ER40	40	40	63	70	•
PP91306	TC50H70ER32	50	32	50	70	•
PP91308	TC40H100ER16	40	16	32	100	•
PP91325	TC40H100ER20	40	20	35	100	•
PP91309	TC40H100ER25	40	25	42	100	•
PP91310	TC40H100ER32	40	32	50	100	•
PP91312	TC50H100ER16	50	16	32	100	•
PP91313	TC50H100ER25	50	25	42	100	•
PP91314	TC50H100ER32	50	32	50	100	•
PP91316	TC40H160ER16	40	16	32	160	•
PP91317	TC40H160ER25	40	25	42	160	•
PP91318	TC40H160ER32	40	32	50	160	•

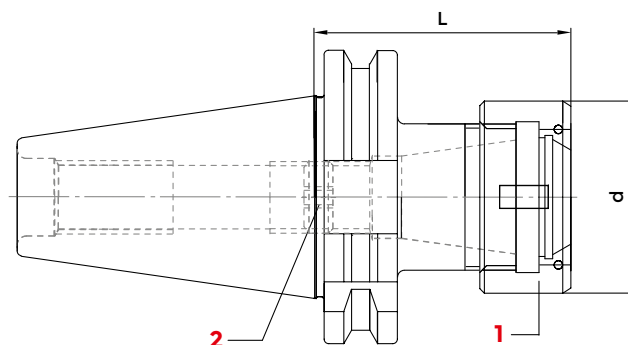
ACCESSORIES



DIN6388 (EOC) COLLET CHUCKS



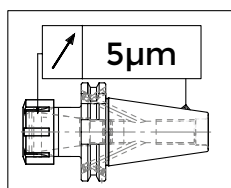
H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



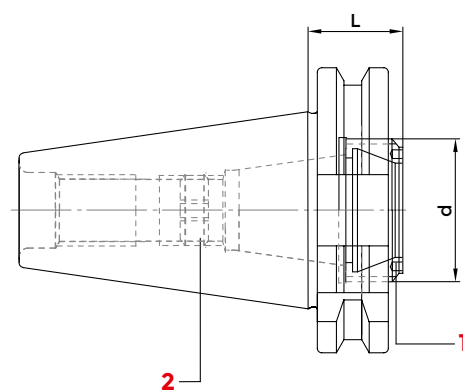
DIN 69871 AD/B - DIN6388

COD.	DESCRIPTION	ISO	EOC	d	L	G6.3 12000	G6.3 15000	1	2	
								NUT	WRENCH	COLLET
8693	TC 40-EOC 16/ H70	40	EOC 16 2÷16	43	70	-	•			
8696	TC 40-EOC 25/ H70	40	EOC 25 2÷25	60	70	-	•	4067	2883	0768
8699	TC 40-EOC 32/ H80	40	EOC32 3÷32	72	80	-	•	4068	2909	0769
8703	TC 50-EOC 25/ H100	50	EOC 25 2÷25	60	100	•	-	4069	2910	0770
8705	TC 50-EOC 32/ H80	50	EOC 32 3÷32	72	80	•	-	4068	2909	0769
8706	TC 50-EOC 32/ H130	50	EOC 32 3÷32	72	130	•	-	4069	2910	0770

ER SHORT COLLET CHUCK WITH INNER NUT



H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



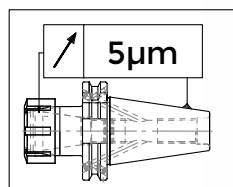
DIN 69871 AD - DIN 69871 A

COD.	DESCRIPTION	ISO	L	ER	G6.3 12000	G6.3 15000	1	2	
							NUT	WRENCH	COLLET
8038	TC 40 - ER25 GA	40	21	ER 25 1÷20	-	•			
3370	TC 40 - ER32 GA	40	21	ER 32 2÷25	-	•	2870	3172	0996
3371	TC 50 - ER32 GA	50	21	ER 32 2÷25	•	-	2871	3173	0988

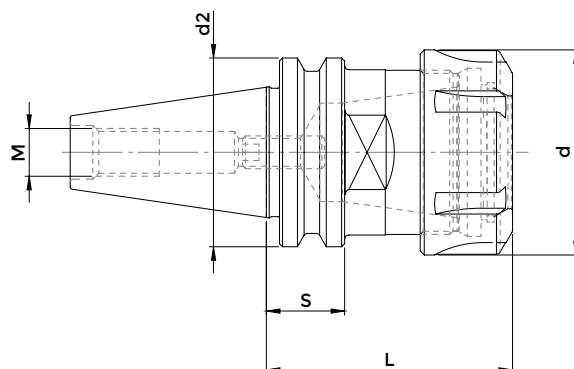
ACCESSORIES



ER COLLET CHUCKS - HIGH SPEED LINE



H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



DIN 69871 AD/B - DIN6499/ISO15488

RIGHT SPIN

COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000				
										1	2	3	4
										NUT	WRENCH	COLLET	LOCKING NUT
2545	ISO 30 AV - ER 32 / H 60	30	ER 32 2÷25	50	46,00	60	15,9	M 12	•	4996	3670	0988	0559
2546	ISO 30 AV - ER 40 / H 65	30	ER 40 3÷32	63	46,00	65	15,9	M 12	•	4997	3671	0821	0561
2373	ISO 30 AV - ER 25 / H 65	30	ER 25 1÷20	42	50,00	65	15,9	M 12	•	4995	3669	0996	-
2519	ISO 30 AV - ER 32 / H 50	30	ER 32 2÷25	50	50,00	50	15,9	M 14	•	4996	3670	0988	0559
2520	ISO 30 AV - ER 32 / H 68	30	ER 32 2÷25	50	50,00	68	15,9	M 15	•	4996	3670	0988	0559
2562	ISO 30 AV - ER 40 / H 57	30	ER 40 3÷32	63	50,00	57	15,9	M 16	•	4997	3671	0821	0561
2563	ISO 30 AV - ER 40 / H 68	30	ER 40 3÷32	63	50,00	68	15,9	M 17	•	4997	3671	0821	0561
2522	ISO 30 AV - ER 32 / H 63	30	ER 32 2÷25	50	58,00	63	15,9	M 18	•	4996	3670	0988	0559
2567	ISO 40 AV - ER 32 / H 63	40	ER 32 2÷25	50	58,00	63	15,9	M 16	•	4996	3670	988	0559
2568	ISO 40 AV - ER 32 / H 68	40	ER 32 2÷25	50	63,55	68	15,9	M 18	•	4996	3670	0988	0559
2521	ISO 40 AV - ER 40 / H 72	40	ER 40 3÷32	63	63,55	68	15,9	M 19	•	4997	3671	0821	0561

LEFT SPIN

COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000				
										1	2	3	4
										NUT	WRENCH	COLLET	LOCKING NUT
2545 SX	ISO 30 AV - ER 32 / H 60	30	ER 32 2÷25	50	46,00	60	15,9	M 12	•	3074	3670	0988	0560
2546 SX	ISO 30 AV - ER 40 / H 65	30	ER 40 3÷32	63	46,00	65	15,9	M 12	•	3075	3671	0821	0580
2519 SX	ISO 30 AV - ER 32 / H 50	30	ER 32 2÷25	50	50,00	50	15,9	M 12	•	3074	3670	0988	0560
2520 SX	ISO 30 AV - ER 32 / H 68	30	ER 32 2÷25	50	50,00	68	15,9	M 12	•	3074	3670	0988	0560
2562 SX	ISO 30 AV - ER 40 / H 57	30	ER 40 3÷32	63	50,00	57	15,9	M 12	•	3075	3671	0821	0580
2563 SX	ISO 30 AV - ER 40 / H 68	30	ER 40 3÷32	63	50,00	68	15,9	M 12	•	3075	3671	0821	0580
2522 SX	ISO 30 AV - ER 32 / H 63	30	ER 32 2÷25	50	58,00	63	15,9	M 12	•	3074	3670	0988	0560

ACCESSORIES

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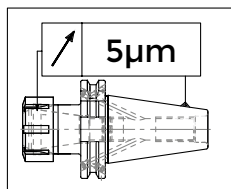
p. 615



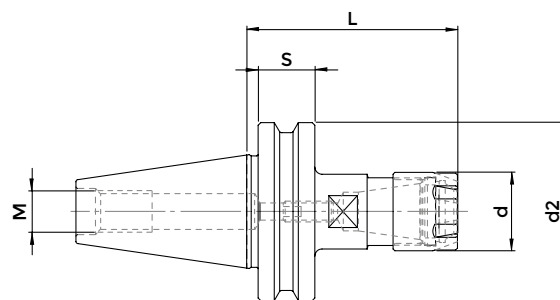
p. 636



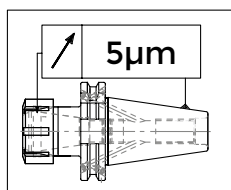
ER COLLET CHUCKS - FLANGE W/OUT LUGS



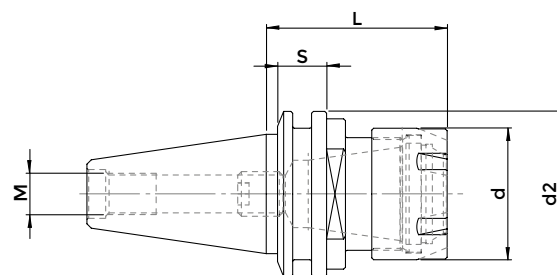
H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



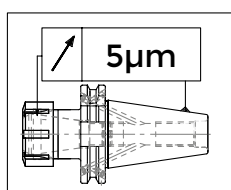
COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000	NUT	WRENCH	COLLET
2571	ISO 20 AV - ER 16 / H 49	20	ER 16 1÷12	22	30	49	15,9	M 8	•	1229	5719	0364
4153	ISO 30 AV - ER 16 / H 60	30	ER 16 1÷12	22	50	60	15,9	M 12	•	1229	5719	0364
4171	ISO 30 AV - ER 20 / H 53	30	ER 20 1÷15	28	50	53	15,9	M 12	•	1230	5720	0787



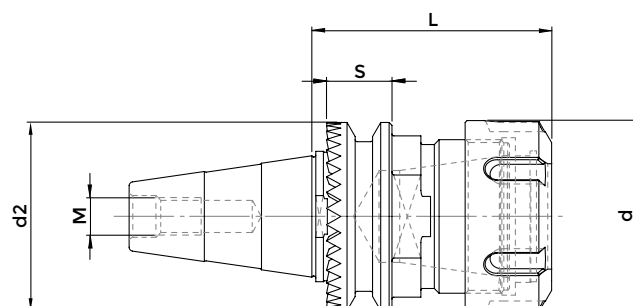
H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000	NUT	WRENCH	COLLET
3523	ISO 30 CORTINI - ER 25 GM	30	ER 25 1÷20	35	44	48	13	M 12	•	1231	5721	0996

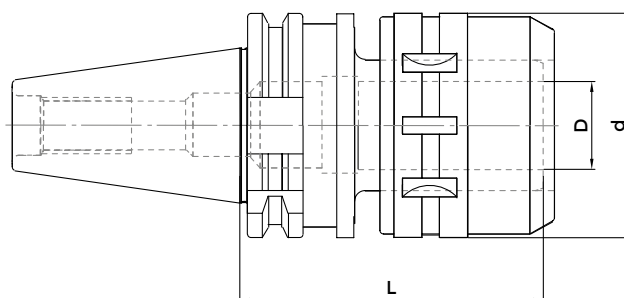


H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000	NUT	WRENCH	COLLET
2116	ISO 30 SCM - ER 32	30	ER 32 2÷25	50	49	55	17	M 10	•	4996	3670	0988
2117	ISO 30 SCM - ER 40	30	ER 40 3÷32	63	49	74	17	M 10	•	4997	3671	0821
2118	ISO 30 SCM - EOC 25	30	EOC 25 2÷25	60	49	70	17	M 10	•	4068	2909	0769

MILLING CHUCKS

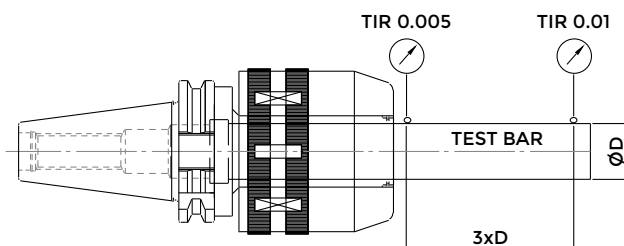


DIN 69871 AD

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	D	L	G6.3 12000	COLLET
								
9626	-	TC 40 - PC 16 / H 65	40	34	16	65	•	0805
5110	5222	TC 40 - PC 20 / H 90	40	54	20	90	•	0809
3241	-	TC 40 - PC 20 / H 105	40	54	20	105	•	0809
-	5223	TC 40 - PC 32 / H 95	40	63	32	95	•	0810
3242	-	TC 40 - PC 32 / H 105	40	72	32	105	•	0810
-	5225	TC 50 - PC 20 / H 85	50	50	20	85	•	0809
3243	-	TC 50 - PC 20 / H 105	50	54	20	105	•	0809
-	9637	TC 50 - PC 20 / H 135	50	50	20	135	•	0809
-	5226	TC 50 - PC 32 / H 90	50	63	32	90	•	0810
3244	5227	TC 50 - PC 32 / H 105	50	72	32	105	•	0810
5106	-	TC 50 - PC 32 / H 135	50	72	32	135	•	0810

Supplied with wrench

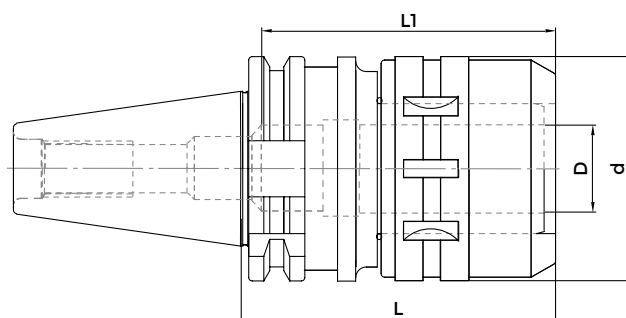
MILLING CHUCK Ø	SPECIFICATION DIN 7178-1	TOLLERANCE	RUN-OUT (3D)	CLAMPING TORQUE
C20	AT3	TC40 (0~+0,003)	0~0,01	980M.m (100 Kgf.m)
C32	AT3	TC50 (0~+0,004)	0~0,01	3430M.m (350 Kgf.m)



ACCESSORIES



MILLING CHUCKS - HIGH SPEED LINE



DIN 69871 A

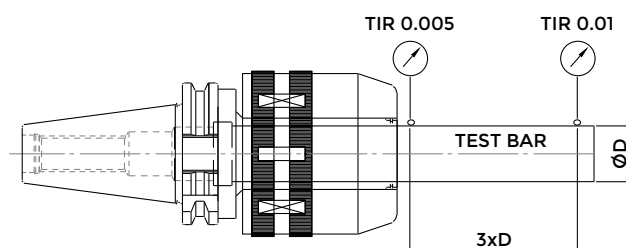
HIGH SPEED LINE

COD.	DESCRIPTION	ISO	D	d	L	L1	G6.3 20000	COLLET
FS01202	TC40H105C20HS	40	20	54	105	70	•	0809
FS01203	TC40H105C32HS	40	32	74	105	100	•	0810
FS01205	TC50H105C32HS	50	32	74	105	100	•	0810



Supplied with wrench

MILLING CHUCK Ø	SPECIFICATION DIN 7178-1	TOLLERANCE	RUN-OUT (3D)	CLAMPING TORQUE
C20	AT3	TC40 (0~+0,003)	0~0,01	980M.m (100 Kgf.m)
C32	AT3	TC50 (0~+0,004)	0~0,01	3430M.m (350 Kgf.m)



ACCESSORIES



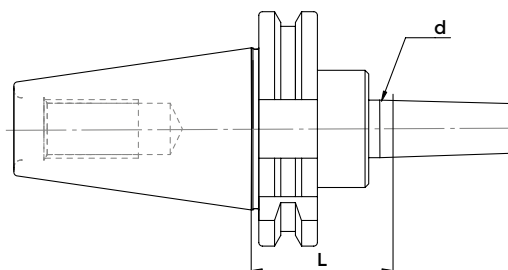
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MILLING KIT: CHUCK, WRENCH, COLLET



COD.	DESCRIPTION	ISO	CHUCK	CASE	WRENCH	COLLET
						
7543	KIT TC 40 - PC 20 / H 90	40	5110	3695	2900	0809 Ø 6 - 8 - 10 - 12 - 16
7704	KIT TC 40 - PC 20 / H 105	40	3241	3695	2900	0809 Ø 6 - 8 - 10 - 12 - 16
7707	KIT TC 40 - PC 32 / H 105	40	3242	3695	2910	0810 Ø 6 - 8 - 10 - 12 - 16 - 20 - 25
7708	KIT TC 50 - PC 20 / H 105	50	3243	3695	2900	0809 Ø 6 - 8 - 10 - 12 - 16
7711	KIT TC 50 - PC 32 / H 105	50	3244	3695	2910	0810 Ø 6 - 8 - 10 - 12 - 16 - 20 - 25

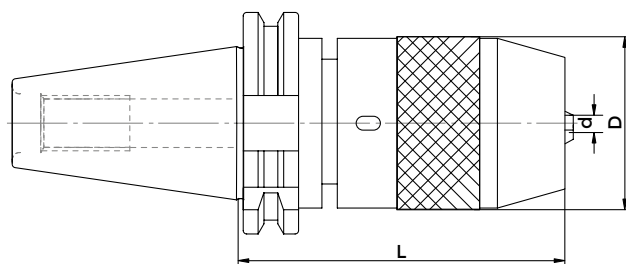
DRILL CHUCKS ADAPTERS



DIN 69871 AD - DIN 238

COD.	DESCRIPTION	ISO	L	d	G6.3 8000
3867	TC 30 - B 12	30	40	12,065	•
3868	TC 30 - B 16	30	40	15,733	•
3869	TC 40 - B 12	40	40	12,065	•
3870	TC 40 - B 16	40	40	15,733	•
3871	TC 40 - B 18	40	40	17,780	•
3998	TC 50 - B 16	50	40	15,733	•
3999	TC 50 - B 18	50	40	17,780	•

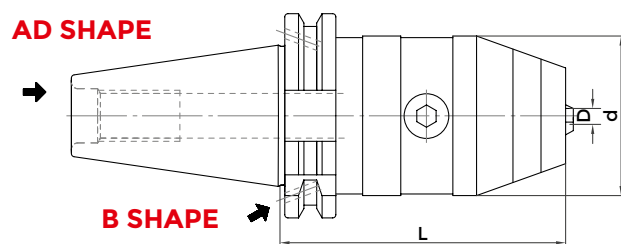
DRILL CHUCKS - RIGHT SPIN



DIN 69871 A

COD.	DESCRIPTION	ISO	DRILL RANGE	L	d	G6,3 8000	CLAMPS	CROSS	WRENCH
									
8583	TC 30 - DC 13	30	0,5 ÷ 13	100	50	•	9016	9021	2370
4398	TC 40 - DC 13	40	0,5 ÷ 13	90	50	•	9016	9021	2370
4399	TC 40 - DC 16	40	3 ÷ 16	115	57	•	9017	9023	2371
4402	TC 50 - DC 13	50	0,5 ÷ 13	100	50	•	9016	9021	2370
4403	TC 50 - DC 16	50	3 ÷ 16	105	57	•	9017	9023	2371

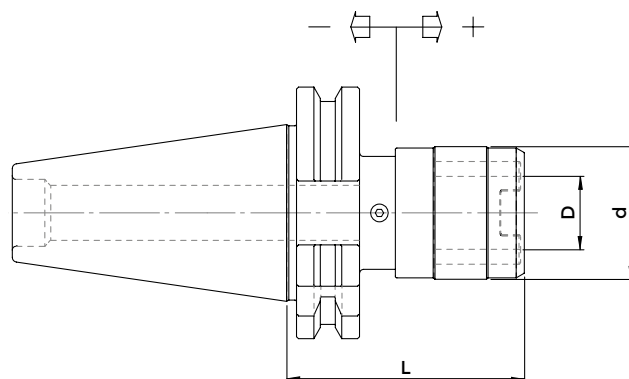
DRILL CHUCKS - LEFT AND RIGHT SPIN



DIN 69871 ADB

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	DRILL RANGE	L	d	G6,3 8000	WRENCH
								
8585	8589	TC 40 - DCU 13	40	0,5 ÷ 13	90	50	•	2372
8586	8590	TC 40 - DCU 16	40	3 ÷ 16	95	50	•	2372
8587	8591	TC 50 - DCU 13	50	0,5 ÷ 13	90	50	•	2372
8588	8592	TC 50 - DCU 16	50	3 ÷ 16	95	50	•	2372

TENSION/COMPRESSION QUICK CHANGE TAPPING HEADS

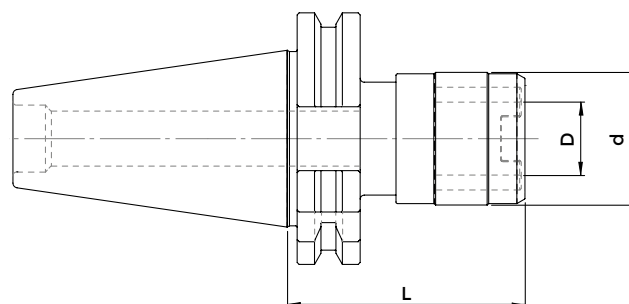


DIN 69871 A

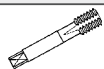
COD.	DESCRIPTION	ISO	D	d	L	G6,3 8000	RANGE	TAP SIZE RANGE
2995	TC 30 - B. 1	30	19	38	60	•	- 7,5 + 7,5	M 3 ÷ M 12 (*18)
2996	TC 30 - B. 2	30	31	55	100	•	- 12,5 + 12,5	M 6 ÷ M 20 (*30)
3377	TC 40 - B. 1	40	19	38	60	•	- 7,5 + 7,5	M 3 ÷ M 12 (*18)
3378	TC 40 - B. 2	40	31	55	100	•	- 12,5 + 12,5	M 6 ÷ M 20 (*30)
3379	TC 40 - B. 3	40	48	79	140	•	- 20,0 + 20,0	M 14 ÷ M 33 (*48)
3380	TC 45 - B. 1	45	19	38	60	•	- 7,5 + 7,5	M 3 ÷ M 12 (*18)
3381	TC 45 - B. 2	45	31	55	84	•	- 12,5 + 12,5	M 6 ÷ M 20 (*30)
4151	TC 50 - B. 1	50	19	38	62	•	- 7,5 + 7,5	M 3 ÷ M 12 (*18)
3383	TC 50 - B. 2	50	31	55	83	•	- 12,5 + 12,5	M 6 ÷ M 20 (*30)
3384	TC 50 - B. 3	50	48	79	133	•	- 20,0 + 20,0	M 14 ÷ M 33 (*48)

* Adapters with screws

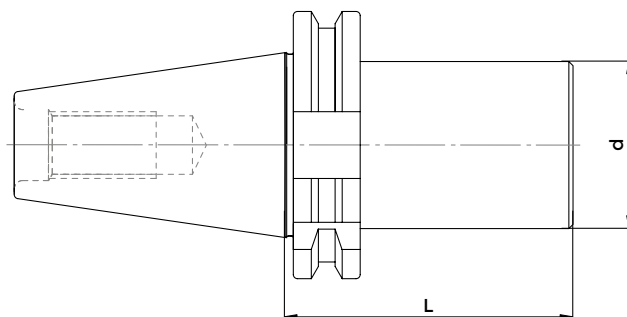
SOLID TAPPING HEADS



DIN 69871 A

COD.	DESCRIPTION	ISO	D	d	L	G6,3 8000	TAP SIZE RANGE
							
4946	TC 30 - B. 1 FISSO	30	19	33	59	•	M 3 ÷ M 12 (*18)
4947	TC 30 - B. 2 FISSO	30	31	50	80	•	M 6 ÷ M 20 (*30)
4948	TC 40 - B. 1 FISSO	40	19	33	59	•	M 3 ÷ M 12 (*18)
4949	TC 40 - B. 2 FISSO	40	31	50	86	•	M 6 ÷ M 20 (*30)
4991	TC 40 - B. 3 FISSO	40	48	72	122	•	M 14 ÷ M 33 (*48)
3062	TC 50 - B. 1 FISSO	50	19	33	75	•	M 3 ÷ M 12 (*18)
4950	TC 50 - B. 2 FISSO	50	31	50	98	•	M 6 ÷ M 20 (*30)
4992	TC 50 - B. 3 FISSO	50	48	72	122	•	M 14 ÷ M 33 (*48)

BLANK BARS



DIN 69871 A

COD.	DESCRIPTION	ISO	d	L
4355	TC 40 - D. 40 ST	40	40	160
4356	TC 40 - D. 50 ST	40	50	200
8547	TC 40 - D. 63 ST	40	63	160
4357	TC 40 - D. 63 ST	40	63	250
4362	TC 50 - D. 40 ST	50	40	160
4364	TC 50 - D. 63 ST	50	63	250
8572	TC 50 - D. 80 ST	50	80	160
8573	TC 50 - D. 80 ST	50	80	200
4365	TC 50 - D. 80 ST	50	80	300