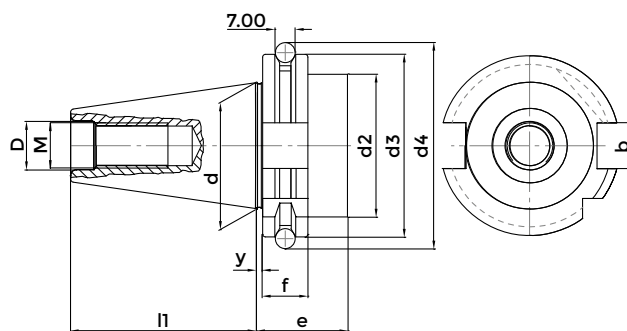




SK CHUCKS
DIN 69871

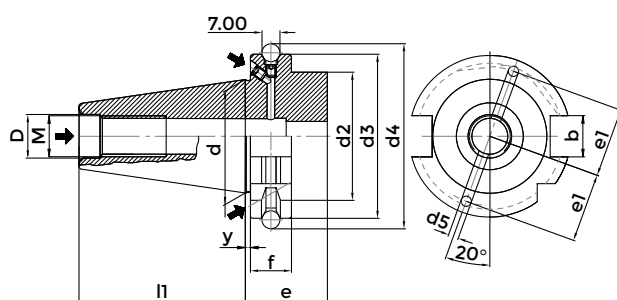
TAPER SHANKS DATA SHEET



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.

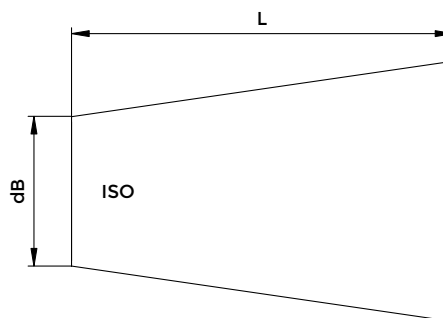
NEW HIGH-SPEED BALANCING TOOLHOLDERS

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

CONSTRUCTIVE FEATURES FOR HIGH-SPEED TOOLHOLDERS

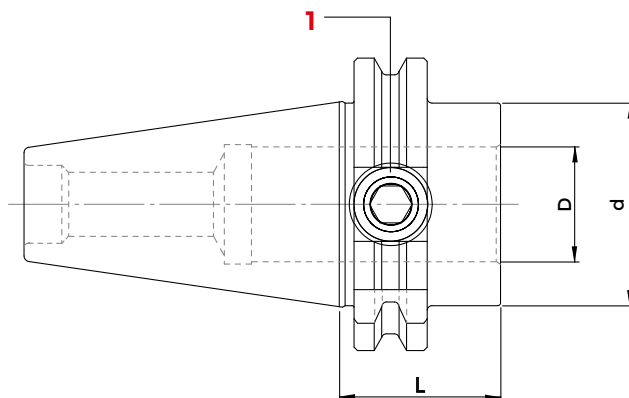
- Manufactured with casehardening Steel.
- Casehardened with depth 0,6 - 0,8 mm
- Hardened-Tempered
- Hardness HRC 58+-2, Strength 800-1000 N/mm²
- Black oxidized
- Internal and external grinding finish of the cone
- Grinding finish on the front side and on the thread of collet nuts.
- Tested 100% with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

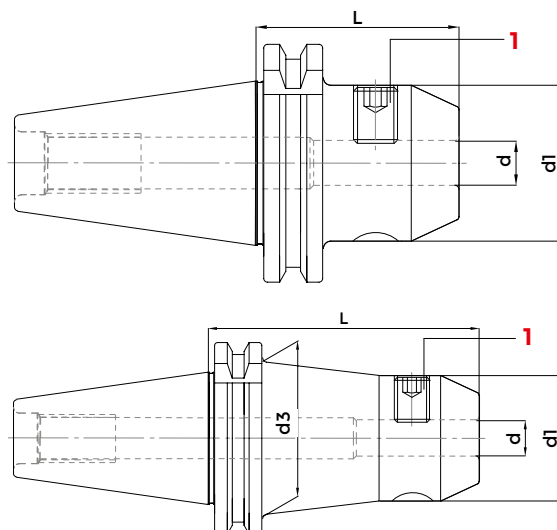
SHORT TYPE END MILL HOLDERS



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	•	811-106005	-
263-11322	2231	TC 40 - WE 16 / H 35	40	16	35	44	•	0068	-
263-11323	2242	TC 40 - WE 20 / H 35	40	20	35	44	•	811-106032	-
263-11324	2243	TC 40 - WE 25 / H 35	40	25	35	44	•	811-106014	-
263-11325	4641	TC 40 - WE 25 / H 60	40	25	60	49	•	811-106014	811-106014
3083	4642	TC 40 - WE 32 / H 40	40	32	40	44	•	0074	-
263-11326	4643	TC 40 - WE 32 / H 70	40	32	70	72	•	811-106026	811-106009
263-11327	2234	TC 50 - WE 16 / H 35	50	16	35	70	•	811-106006	-
263-11328	2237	TC 50 - WE 20 / H 35	50	20	35	70	•	811-106007	-
263-11329	2251	TC 50 - WE 25 / H 35	50	25	35	70	•	811-106008	-
263-11330	2252	TC 50 - WE 32 / H 35	50	32	35	80	•	811-106009	-
3136	8345	TC 50 - WE 40 / H 35	50	40	35	80	•	0259	-

WELDON END MILL HOLDERS

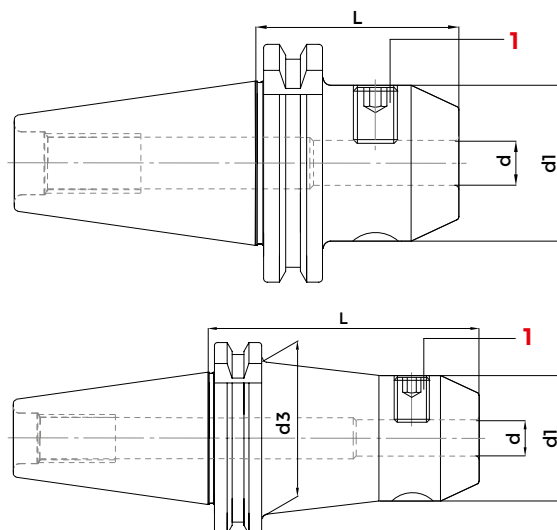


DIN69871 AD - DIN 1835 B

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L	d1	d3	G6,3 12000	1 SCREW
									
263-11201	-	TC 30 - WE 6 / H 45	30	6	45	25	-	•	811-106001
263-11202	-	TC 30 - WE 8 / H 45	30	8	45	28	-	•	811-106002
263-11203	-	TC 30 - WE 10 / H 50	30	10	50	35	-	•	811-106004
263-11204	-	TC 30 - WE 12 / H 50	30	12	50	42	-	•	811-106005
263-11205	-	TC 30 - WE 16 / H 70	30	16	70	48	-	•	811-106006
263-11206	-	TC 30 - WE 20 / H 70	30	20	70	52	-	•	811-106007
213-11326	4761	TC 40 - WE 6 / H 50	40	6	50	25	-	•	811-106001
213-11344	5028	TC 40 - WE 6 / H 100	40	6	100	25	35	•	811-106001
5400	5416	TC 40 - WE 6 / H 130	40	6	130	25	35	•	811-106001
213-11362	5551	TC 40 - WE 6 / H 160	40	6	160	25	35	•	811-106001
263-11303	4144	TC 40 - WE 6 / H 200	40	6	200	25	38	•	811-106001
213-11327	4762	TC 40 - WE 8 / H 50	40	8	50	28	-	•	811-106002
213-11345	5029	TC 40 - WE 8 / H 100	40	8	100	28	38	•	811-106002
5401	5417	TC 40 - WE 8 / H 130	40	8	130	28	38	•	811-106002
213-11363	5552	TC 40 - WE 8 / H 160	40	8	160	28	38	•	811-106002
263-11304	4146	TC 40 - WE 8 / H 200	40	8	200	28	41	•	811-106002
213-11328	4763	TC 40 - WE 10 / H 50	40	10	50	35	-	•	811-106004
213-11346	5030	TC 40 - WE 10 / H 100	40	10	100	35	40	•	811-106004
5402	5418	TC 40 - WE 10 / H 130	40	10	130	35	40	•	811-106004
213-11371	5553	TC 40 - WE 10 / H 160	40	10	160	35	40	•	811-106004
263-11305	4148	TC 40 - WE 10 / H 200	40	10	200	35	43	•	811-106004
213-11329	4764	TC 40 - WE 12 / H 50	40	12	50	42	-	•	811-106005
213-11347	5031	TC 40 - WE 12 / H 100	40	12	100	42	-	•	811-106005
5403	5419	TC 40 - WE 12 / H 130	40	12	130	42	-	•	811-106005
213-11372	5554	TC 40 - WE 12 / H 160	40	12	160	42	-	•	811-106005
263-11306	4150	TC 40 - WE 12 / H 200	40	12	200	42	48	•	811-106005
213-11330	4765	TC 40 - WE 14 / H 50	40	14	50	44	-	•	811-106005
213-11348	5032	TC 40 - WE 14 / H 100	40	14	100	44	-	•	811-106005
4033	4155	TC 40 - WE 14 / H 130	40	14	130	44	-	•	811-106005
4034	4157	TC 40 - WE 14 / H 160	40	14	160	44	-	•	811-106005
213-11324	82 402 116	TC 40 - WE 16 / H 63	40	16	63	48	-	•	811-106006
213-11349	5033	TC 40 - WE 16 / H 100	40	16	100	48	-	•	811-106006
5404	5420	TC 40 - WE 16 / H 130	40	16	130	48	-	•	811-106006
213-11360	5035	TC 40 - WE 16 / H 160	40	16	160	48	-	•	811-106006
263-11308	4159	TC 40 - WE 16 / H 200	40	16	200	48	-	•	811-106006
213-11331	4767	TC 40 - WE 18 / H 63	40	18	63	50	-	•	811-106006
213-11370	5036	TC 40 - WE 18 / H 100	40	18	100	50	-	•	811-106006

follows >>

WELDON END MILL HOLDERS

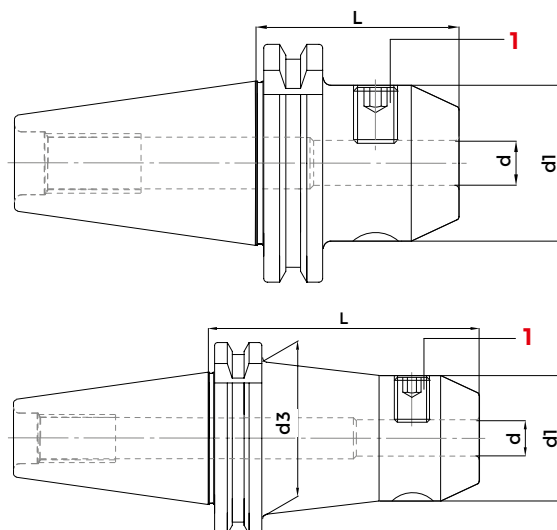


DIN69871 AD - DIN 1835 B

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	-	•	811-106006
213-11325	4768	TC 40 - WE 20 / H 63	40	20	63	52	-	•	811-106007
213-11350	5038	TC 40 - WE 20 / H 100	40	20	100	52	-	•	811-106007
5011	5039	TC 40 - WE 20 / H 130	40	20	130	52	-	•	811-106007
213-11361	5040	TC 40 - WE 20 / H 160	40	20	160	50	-	•	811-106007
263-11310	4164	TC 40 - WE 20 / H 200	40	20	200	50	-	•	811-106007
213-11323	4769	TC 40 - WE 25 / H 100	40	25	100	50	-	•	811-106008
5013	5041	TC 40 - WE 25 / H 130	40	25	130	50	-	•	811-106008
213-11396	5042	TC 40 - WE 25 / H 160	40	25	160	65	-	•	811-106008
263-11311	4166	TC 40 - WE 25 / H 200	40	25	200	65	-	•	811-106008
213-11332	4770	TC 40 - WE 32 / H 100	40	32	100	65	-	•	811-106009
5015	5043	TC 40 - WE 32 / H 130	40	32	130	65	-	•	811-106009
213-11397	5044	TC 40 - WE 32 / H 160	40	32	160	72	-	•	811-106009
263-11312	4168	TC 40 - WE 32 / H 200	40	32	200	72	-	•	811-106009
213-11393	4771	TC 40 - WE 40 / H 115	40	40	115	80	-	•	811-106009
3722	-	TC 45 - WE 6 / H 63	45	6	63	25	-	•	811-106001
3723	-	TC 45 - WE 8 / H 63	45	8	63	28	-	•	811-106002
3724	-	TC 45 - WE 10 / H 63	45	10	63	35	-	•	811-106004
3725	-	TC 45 - WE 12 / H 63	45	12	63	42	-	•	811-106005
3726	-	TC 45 - WE 16 / H 63	45	16	63	48	-	•	811-106006
3727	-	TC 45 - WE 20 / H 63	45	20	63	52	-	•	811-106007
3728	-	TC 45 - WE 25 / H 100	45	25	100	65	-	•	811-106008
3729	-	TC 45 - WE 32 / H 100	45	32	100	72	-	•	811-106009
4515	-	TC 45 - WE 40 / H 100	45	40	100	80	-	•	811-106009
213-11333	4783	TC 50 - WE 6 / H 63	50	6	63	25	-	•	811-106001
213-11351	5045	TC 50 - WE 6 / H 100	50	6	100	25	35	•	811-106001
5405	5426	TC 50 - WE 6 / H 130	50	6	130	25	35	•	811-106001
213-11364	5555	TC 50 - WE 6 / H 160	50	6	160	25	35	•	811-106001
263-11313	4173	TC 50 - WE 6 / H 200	50	6	200	25	38	•	811-106001
213-11334	4784	TC 50 - WE 8 / H 63	50	8	63	28	-	•	811-106002
213-11352	5046	TC 50 - WE 8 / H 100	50	8	100	28	38	•	811-106002
5406	5427	TC 50 - WE 8 / H 130	50	8	130	28	38	•	811-106002
213-11365	5556	TC 50 - WE 8 / H 160	50	8	160	28	38	•	811-106002
263-11314	4175	TC 50 - WE 8 / H 200	50	8	200	28	41	•	811-106002
213-11335	4785	TC 50 - WE 10 / H 63	50	10	63	35	-	•	811-106004
213-11353	5047	TC 50 - WE 10 / H 100	50	10	100	35	42	•	811-106004
5407	5428	TC 50 - WE 10 / H 130	50	10	130	35	42	•	811-106004

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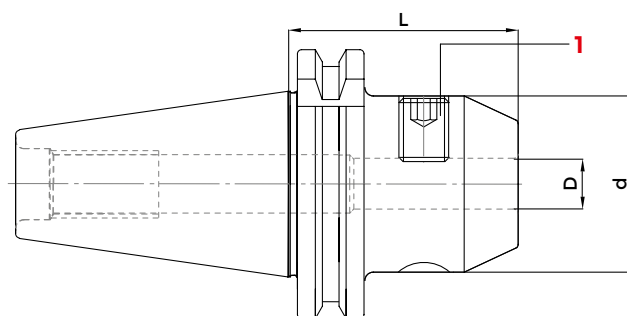
WELDON END MILL HOLDERS



DIN69871 AD - DIN 1835 B

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L	d1	d3	G6,3 12000	1 SCREW
									
213-11366	5558	TC 50 - WE 10 / H 160	50	10	160	35	42	•	811-106004
263-11315	4177	TC 50 - WE 10 / H 200	50	10	200	35	45	•	811-106004
213-11336	4786	TC 50 - WE 12 / H 63	50	12	63	42	-	•	811-106005
213-11354	5559	TC 50 - WE 12 / H 100	50	12	100	42	48	•	811-106005
5408	5429	TC 50 - WE 12 / H 130	50	12	130	42	48	•	811-106005
213-11367	5048	TC 50 - WE 12 / H 160	50	12	160	42	48	•	811-106005
263-11316	4179	TC 50 - WE 12 / H 200	50	12	200	42	51	•	811-106005
213-11337	4787	TC 50 - WE 14 / H 63	50	14	63	44	-	•	811-106005
213-11355	5560	TC 50 - WE 14 / H 100	50	14	100	44	50	•	811-106005
4130	4182	TC 50 - WE 14 / H 130	50	14	130	44	50	•	811-106005
4132	4183	TC 50 - WE 14 / H 160	50	14	160	44	54	•	811-106005
213-11338	4788	TC 50 - WE 16 / H 63	50	16	63	48	-	•	811-106006
213-11356	5561	TC 50 - WE 16 / H 100	50	16	100	48	54	•	811-106006
5409	5430	TC 50 - WE 16 / H 130	50	16	130	48	54	•	811-106006
213-11368	5050	TC 50 - WE 16 / H 160	50	16	160	48	54	•	811-106006
263-11318	4206	TC 50 - WE 16 / H 200	50	16	200	48	57	•	811-106006
213-11339	4789	TC 50 - WE 18 / H 63	50	18	63	50	-	•	811-106006
213-11357	5562	TC 50 - WE 18 / H 100	50	18	100	50	56	•	811-106006
4137	4213	TC 50 - WE 18 / H 130	50	18	130	50	56	•	811-106006
4138	4215	TC 50 - WE 18 / H 160	50	18	160	50	56	•	811-106006
213-11340	4790	TC 50 - WE 20 / H 63	50	20	63	52	-	•	811-106007
213-11358	5563	TC 50 - WE 20 / H 100	50	20	100	52	59	•	811-106007
5410	5431	TC 50 - WE 20 / H 130	50	20	130	52	59	•	811-106007
213-11369	5052	TC 50 - WE 20 / H 160	50	20	160	52	59	•	811-106007
263-11320	4242	TC 50 - WE 20 / H 200	50	20	200	52	61	•	811-106007
213-11341	4791	TC 50 - WE 25 / H 80	50	25	80	65	-	•	811-106008
213-11359	5051	TC 50 - WE 25 / H 100	50	25	100	65	-	•	811-106008
5414	5432	TC 50 - WE 25 / H 130	50	25	130	65	-	•	811-106008
263-11301	TC50H160WE25ADB	TC 50 - WE 25 / H 160	50	25	160	65	70	•	811-106008
263-11321	4244	TC 50 - WE 25 / H 200	50	25	200	65	72	•	811-106008
213-11342	4792	TC 50 - WE 32 / H 100	50	32	100	72	-	•	811-106009
5415	5433	TC 50 - WE 32 / H 130	50	32	130	72	-	•	811-106009
263-11302	5055	TC 50 - WE 32 / H 160	50	32	160	72	-	•	811-106009
263-11381	4245	TC 50 - WE 32 / H 200	50	32	200	72	-	•	811-106009
213-11343	4793	TC 50 - WE 40 / H 120	50	40	120	80	-	•	811-106009
5027	5056	TC 50 - WE 40 / H 160	50	40	160	80	-	•	811-106009
263-11343	4247	TC 50 - WE 50 / H 120	50	50	120	100	-	•	4978

WELDON END MILL HOLDERS - HIGH SPEED LINE

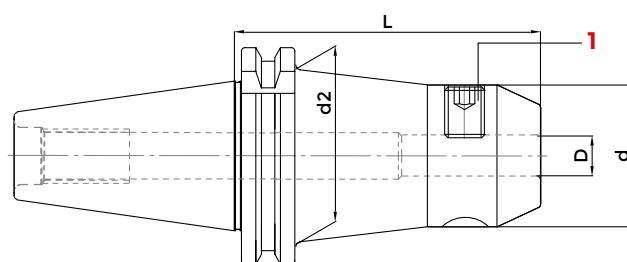


DIN 69871 AD - DIN 1835 B

HIGH SPEED LINE

COD.	DESCRIPTION	ISO	D	d	L	G6.3 20000	1 SCREW
							
213-91301	TC40H50WE06	40	6	50	25	•	811-106001
213-91302	TC40H50WE08	40	8	50	28	•	811-106002
213-91303	TC40H50WE10	40	10	50	35	•	811-106004
WE91304	TC40H50WE12	40	12	50	42	•	811-106005
213-91306	TC40H63WE16	40	16	63	48	•	811-106006
WE91308	TC40H63WE20	40	20	63	52	•	811-106007
213-91309	TC40H100WE25	40	25	100	65	•	811-106008
213-91310	TC40H100WE32	40	32	100	72	•	811-106009
213-91319	TC50H63WE20	50	20	63	52	•	811-106007
213-91320	TC50H80WE25	50	25	80	65	•	811-106008
213-91321	TC50H100WE32	50	32	100	72	•	811-106009

WELDON END MILL HOLDERS - LONG SERIES - HIGH SPEED LINE

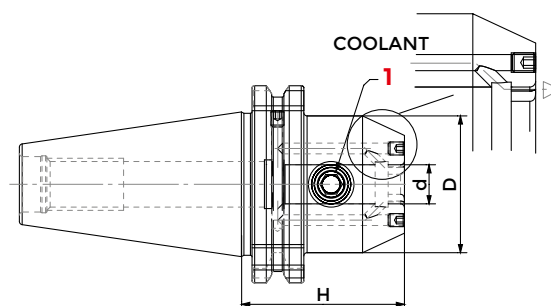


DIN 69871 AD - DIN 1835 B

HIGH SPEED LINE

COD.	DESCRIPTION	ISO	D	L	d	d2	C2.5 25000	1 SCREW
								
213-91324	TC40H100WE06	40	6	100	25	35	•	811-106001
213-91325	TC40H100WE08	40	8	100	28	38	•	811-106002
213-91326	TC40H100WE10	40	10	100	35	40	•	811-106004
WE91327	TC40H100WE12	40	12	100	42	-	•	811-106005
213-91329	TC40H100WE16	40	16	100	48	-	•	811-106006
213-91331	TC40H100WE20	40	20	100	50	-	•	811-106007

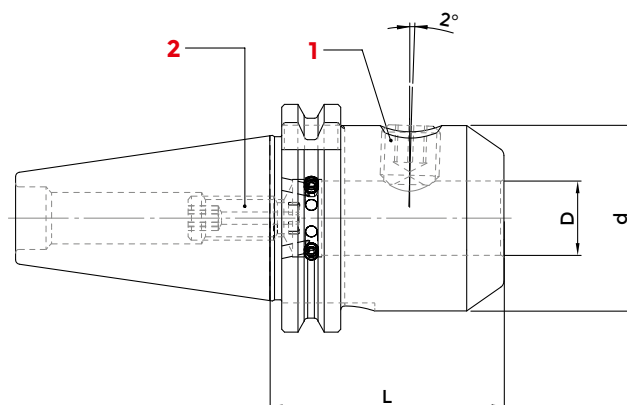
WELDON END MILL HOLDERS - SHORT SERIES WITH COOLANT CHANNELS



DIN69871 AD - DIN 1835 B

COD.	DESCRIPTION	ISO	D	H	d	G6,3 12000	1
							SCREW
							
213-61325	TC 40 - WEC 6 / H 50	40	25	50	6	•	811-106001
213-61326	TC 40 - WEC 8 / H 50	40	28	50	8	•	811-106002
213-61327	TC 40 - WEC 10 / H 50	40	35	50	10	•	811-106004
213-61328	TC 40 - WEC 12 / H 50	40	42	50	12	•	811-106005
213-61329	TC 40 - WEC 14 / H 50	40	44	50	14	•	811-106005
213-61330	TC 40 - WEC 16 / H 63	40	48	63	16	•	811-106006
213-61331	TC 40 - WEC 18 / H 63	40	50	63	18	•	811-106006
213-61332	TC 40 - WEC 20 / H 63	40	52	63	20	•	811-106007
213-61333	TC 40 - WEC 25 / H 100	40	65	100	25	•	811-106008
213-61334	TC 40 - WEC 32 / H 100	40	72	100	32	•	811-106009
213-61345	TC 40 - WEC 40 / H 115	40	80	115	40	•	811-106009
213-61335	TC 50 - WEC 6 / H 63	50	25	63	6	•	811-106001
7862	TC 50 - WEC 8 / H 63	50	28	63	8	•	811-106002
7863	TC 50 - WEC 10 / H 63	50	35	63	10	•	811-106004
7864	TC 50 - WEC 12 / H 63	50	42	63	12	•	811-106005
7865	TC 50 - WEC 14 / H 63	50	44	63	14	•	811-106005
7866	TC 50 - WEC 16 / H 63	50	48	63	16	•	811-106006
7867	TC 50 - WEC 18 / H 63	50	50	63	18	•	811-106006
213-61342	TC 50 - WEC 20 / H 63	50	52	63	20	•	811-106007
213-61343	TC 50 - WEC 25 / H 80	50	65	80	25	•	811-106008
213-61344	TC 50 - WEC 32 / H 100	50	72	100	32	•	811-106009
263-61345	TC 50 - WEC 40 / H 120	50	80	120	40	•	811-106009

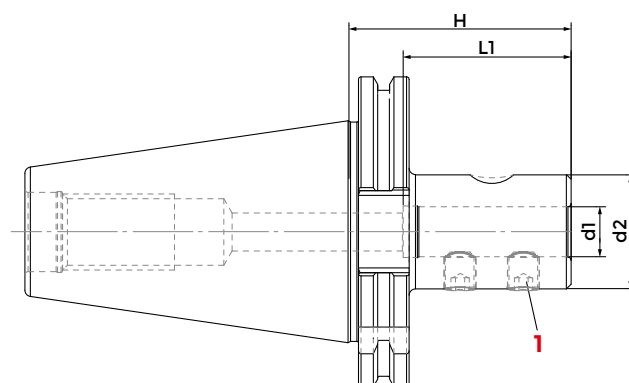
WHISTLE NOTCH END MILL HOLDERS



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	•	811-106001	811-303043
4796	TC 40 - WN 8 / H 50	40	8	50	28	•	811-106002	811-303081
4797	TC 40 - WN 10 / H 50	40	10	50	35	•	811-106004	811-303082
4798	TC 40 - WN 12 / H 50	40	12	50	42	•	811-106005	811-303083
4799	TC 40 - WN 14 / H 50	40	14	50	44	•	811-106005	811-303083
213-31322	TC 40 - WN 16 / H 63	40	16	63	48	•	811-106006	811-303084
213-31323	TC 40 - WN 18 / H 63	40	18	63	50	•	811-106006	811-303084
213-31324	TC 40 - WN 20 / H 63	40	20	63	52	•	811-106007	811-303084
213-31325	TC 40 - WN 25 / H 100	40	25	100	65	•	811-106008	0212
213-31326	TC 40 - WN 32 / H 100	40	32	100	72	•	811-106009	0212
213-31327	TC 40 - WN 40 / H 115	40	40	115	80	•	811-106009	0212
4815	TC 50 - WN 6 / H 63	50	6	63	25	•	811-106001	811-303043
4816	TC 50 - WN 8 / H 63	50	8	63	28	•	811-106002	811-303081
4817	TC 50 - WN 10 / H 63	50	10	63	35	•	811-106004	811-303082
4818	TC 50 - WN 12 / H 63	50	12	63	42	•	811-106005	811-303083
4819	TC 50 - WN 14 / H 63	50	14	63	44	•	811-106005	811-303083
213-31333	TC 50 - WN 16 / H 63	50	16	63	48	•	811-106006	811-303084
213-31334	TC 50 - WN 18 / H 63	50	18	63	50	•	811-106006	811-303084
213-31335	TC 50 - WN 20 / H 63	50	20	63	52	•	811-106007	811-303084
213-31336	TC 50 - WN 25 / H 80	50	25	80	65	•	811-106008	0247
213-31337	TC 50 - WN 32 / H 100	50	32	100	72	•	811-106009	0247
213-31338	TC 50 - WN 40 / H 120	50	40	120	80	•	811-106009	0247

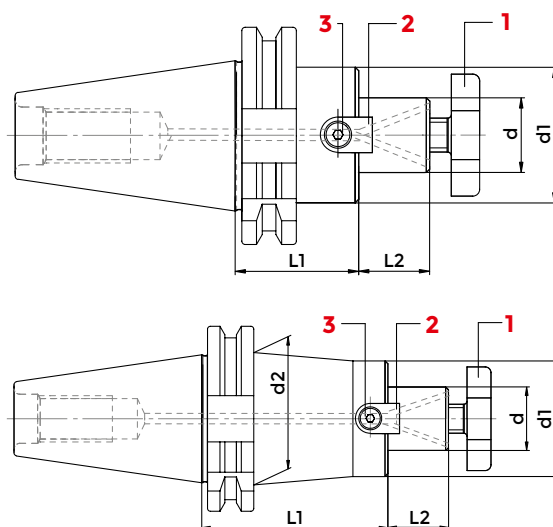
INDEXABLE DRILL HOLDERS



DIN69871 AD

COD.	DESCRIPTION	ISO	D	d	H	L	G6,3 12000	1 SCREW
								
217-90980	TC 40 - D. 16 P	40	16	36	65	54	•	811-402003
217-90981	TC 40 - D. 20 P	40	20	40	65	54	•	811-402003
217-90982	TC 40 - D. 25 P	40	25	45	70	59	•	811-402005
217-90983	TC 40 - D. 32 P	40	32	52	70	63	•	811-402005
217-90950	TC 50 - D. 16 P	50	16	36	70	54	•	811-402003
217-90984	TC 50 - D. 20 P	50	20	40	70	54	•	811-402003
217-90985	TC 50 - D. 25 P	50	25	45	70	59	•	811-402005
217-90986	TC 50 - D. 32 P	50	32	52	70	63	•	811-402005
217-90987	TC 50 - D. 40 P	50	40	60	80	73	•	811-402007

FACE MILL HOLDERS - TENONS DRIVE

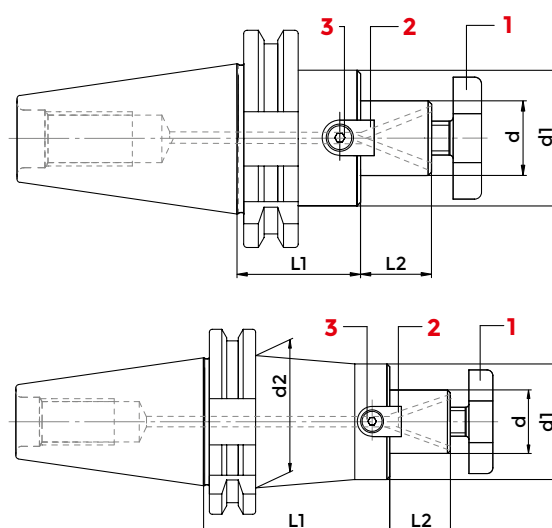


DIN69871 AD/B - ISO 3937

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L1	L2	d1	d2	G6, 3 8000	1	2	3
										CROSS SCREW	TENON	SCREW WRENCH
												
216-71201	-	TC 30 - D. 16 FISSO / H 35	30	16	35	17	38	-	•	811-107003	814-202280	811-101004 816-130002
216-71202	-	TC 30 - D. 22 FISSO / H 50	30	22	50	19	48	-	•	811-107004	814-202250	811-101011 816-130003
216-71203	-	TC 30 - D. 27 FISSO / H 50	30	27	50	21	58	-	•	811-107005	814-202270	811-101018 816-130004
4143	-	TC 30 - D. 32 FISSO / H 55	30	32	55	24	58	-	•	811-107006	814-202290	0207 816-130005
216-71204	216-71301	TC 40 - D. 16 FISSO / H 45	40	16	45	17	38	-	•	811-107003	814-202280	811-101004 816-130002
216-71255	216-71321	TC 40 - D. 16 FISSO / H 100	40	16	100	17	38	-	•	811-107003	814-202280	811-101004 816-130002
266-71210	216-71372	TC 40 - D. 16 FISSO / H 130	40	16	130	17	38	-	•	811-107003	814-202280	811-101004 816-130002
216-71256	216-71381	TC 40 - D. 16 FISSO / H 160	40	16	160	17	38	-	•	811-107003	814-202280	811-101004 816-130002
-	216-71388	TC 40 - D. 16 FISSO / H 200	40	16	200	17	38	-	•	811-107003	814-202280	811-101004 816-130002
216-71205	216-71302	TC 40 - D. 22 FISSO / H 45	40	22	45	19	48	-	•	811-107004	814-202250	811-101011 816-130003
216-71259	216-71322	TC 40 - D. 22 FISSO / H 100	40	22	100	19	48	-	•	811-107004	814-202250	811-101011 816-130003
266-71211	216-71373	TC 40 - D. 22 FISSO / H 130	40	22	130	19	46	-	•	811-107004	814-202250	811-101011 816-130003
216-71260	216-71382	TC 40 - D. 22 FISSO / H 160	40	22	160	19	46	48	•	811-107004	814-202250	811-101011 816-130003
-	216-71389	TC 40 - D. 22 FISSO / H 200	40	22	200	19	46	48	•	811-107004	814-202250	811-101011 816-130003
216-71206	216-71303	TC 40 - D. 27 FISSO / H 50	40	27	50	21	58	-	•	811-107005	814-202270	811-101018 816-130004
266-71273	216-71323	TC 40 - D. 27 FISSO / H 100	40	27	100	21	48	-	•	811-107005	814-202270	811-101018 816-130004
266-71213	216-71374	TC 40 - D. 27 FISSO / H 130	40	27	130	21	48	-	•	811-107005	814-202270	811-101018 816-130004
5541	216-71396	TC 40 - D. 27 FISSO / H 160	40	27	160	21	58	-	•	811-107005	814-202270	811-101018 816-130004
-	216-71399	TC 40 - D. 27 FISSO / H 200	40	27	200	21	58	-	•	811-107005	814-202270	811-101018 816-130004
216-71207	216-71304	T C 40 - D. 32 FISSO / H 55	40	32	55	24	78	-	•	811-107006	814-202290	0207 816-130005
266-71274	216-71324	TC 40 - D. 32 FISSO / H 100	40	32	100	24	58	-	•	811-107006	814-202290	0207 816-130005
8368	216-71397	TC 40 - D. 32 FISSO / H 160	40	32	160	24	78	-	•	811-107006	814-202290	0207 816-130005
216-71208	216-71305	TC 40 - D. 40 FISSO / H 55	40	40	55	27	88	-	•	811-107007	814-202710	811-101029 816-130006
266-71275	8392	TC 40 - D. 40 FISSO / H 100	40	40	100	27	70	-	•	811-107007	814-202710	811-101029 816-130006
8369	216-71398	TC 40 - D. 40 FISSO / H 160	40	40	160	27	80	-	•	811-107007	814-202710	811-101029 816-130006
216-71214	216-71306	TC 50 - D. 16 FISSO / H 45	50	16	45	17	38	-	•	811-107003	814-202280	811-101004 816-130002
266-71233	216-71312	TC 50 - D. 16 FISSO / H 100	50	16	100	17	38	-	•	811-107003	814-202280	811-101004 816-130002
9405	216-71376	TC 50 - D. 16 FISSO / H 130	50	16	130	17	38	-	•	811-107003	814-202280	811-101004 816-130002
266-71234	216-71383	TC 50 - D. 16 FISSO / H 160	50	16	160	17	38	-	•	811-107003	814-202280	811-101004 816-130002
-	216-71390	TC 50 - D. 16 FISSO / H 200	50	16	200	17	38	-	•	811-107003	814-202280	811-101004 816-130002

follows >>

FACE MILL HOLDERS - TENONS DRIVE



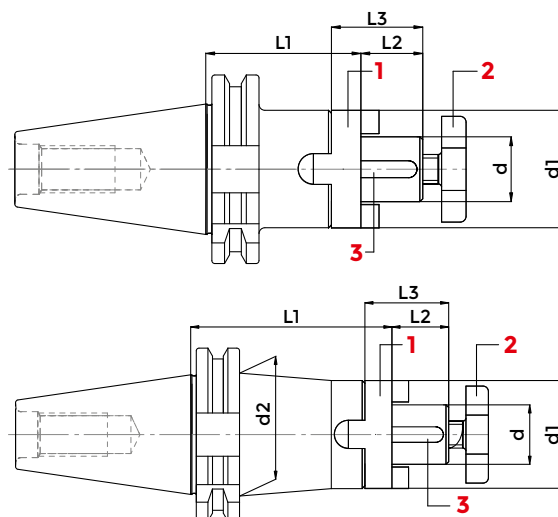
DIN69871 AD/B - ISO 3937

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	L1	L2	d1	d2	G6, 3 8000	1	2	3	WRENCH
										CROSS SCREW	TENON	SCREW	
													
216-71215	216-71307	TC 50 - D. 22 FISSO / H 45	50	22	45	19	48	-	•	811-107004	814-202250	811-101011	816-130003
216-71267	216-71313	TC 50 - D. 22 FISSO / H 100	50	22	100	19	46	48	•	811-107004	814-202250	811-101011	816-130003
9004	-	TC 50 - D. 22 FISSO / H 100 FIS.63	50	22	100	19	50	60	•	811-107004	814-202250	811-101011	816-130003
9406	216-71377	TC 50 - D. 22 FISSO / H 130	50	22	130	19	46	60	•	811-107004	814-202250	811-101011	816-130003
5545	216-71384	TC 50 - D. 22 FISSO / H 160	50	22	160	19	46	48	•	811-107004	814-202250	811-101011	816-130003
9005	-	TC 50 - D. 22 FISSO / H 160 FIS.63	50	22	160	19	50	60	•	811-107004	814-202250	811-101011	816-130003
-	216-71391	TC 50 - D. 22 FISSO / H 200	50	22	200	19	46	48	•	811-107004	814-202250	811-101011	816-130003
-	8398	TC 50 - D. 22 FISSO / H 250	50	22	250	19	48	60	•	811-107004	814-202250	811-101011	816-130003
-	8399	TC 50 - D. 22 FISSO / H 300	50	22	300	19	48	60	•	811-107004	814-202250	811-101011	816-130003
216-71216	216-71308	TC 50 - D. 27 FISSO / H 45	50	27	45	21	58	-	•	811-107005	814-202270	811-101018	816-130004
216-71277	216-71314	TC 50 - D. 27 FISSO / H 100	50	27	100	21	55	78	•	811-107005	814-202270	811-101018	816-130004
9407	216-71378	TC 50 - D. 27 FISSO / H 130	50	27	130	21	55	78	•	811-107005	814-202270	811-101018	816-130004
216-71278	216-71385	TC 50 - D. 27 FISSO / H 160	50	27	160	21	55	78	•	811-107005	814-202270	811-101018	816-130004
-	216-71392	TC 50 - D. 27 FISSO / H 200	50	27	200	21	55	78	•	811-107005	814-202270	811-101018	816-130004
-	8402	TC 50 - D. 27 FISSO / H 250	50	27	250	21	55	78	•	811-107005	814-202270	811-101018	816-130004
-	8403	TC 50 - D. 27 FISSO / H 300	50	27	300	21	55	78	•	811-107005	814-202270	811-101018	816-130004
216-71217	216-71309	TC 50 - D. 32 FISSO / H 55	50	32	55	24	78	-	•	811-107006	814-202290	0207	816-130005
266-71256	216-71315	TC 50 - D. 32 FISSO / H 100	50	32	100	24	66	78	•	811-107006	814-202290	0207	816-130005
266-71286	216-71379	TC 50 - D. 32 FISSO / H 130	50	32	130	24	66	78	•	811-107006	814-202290	0207	816-130005
266-71257	216-71386	TC 50 - D. 32 FISSO / H 160	50	32	160	24	66	78	•	811-107006	814-202290	0207	816-130005
-	216-71393	TC 50 - D. 32 FISSO / H 200	50	32	200	24	66	78	•	811-107006	814-202290	0207	816-130005
-	8406	TC 50 - D. 32 FISSO / H 250	50	32	250	24	66	78	•	811-107006	814-202290	0207	816-130005
-	8407	TC 50 - D. 32 FISSO / H 300	50	32	300	24	66	-	•	811-107006	814-202290	0207	816-130005
216-71218	216-71310	TC 50 - D. 40 FISSO / H 55	50	40	55	27	88	-	•	811-107007	814-202710	811-101029	816-130006
266-71276	216-71316	TC 50 - D. 40 FISSO / H 100	50	40	100	27	70	-	•	811-107007	814-202710	811-101029	816-130006
216-71380	-	TC 50 - D. 40 FISSO / H 130 FIS. 63	50	40	130	27	70	78	•	811-107007	814-202710	811-101029	816-130006
266-71287	216-71387	TC 50 - D. 40 FISSO / H 160	50	40	160	27	70	78	•	811-107007	814-202710	811-101029	816-130006
-	216-71394	TC 50 - D. 40 FISSO / H 200	50	40	200	27	70	78	•	811-107007	814-202710	811-101029	816-130006

ACCESSORIES



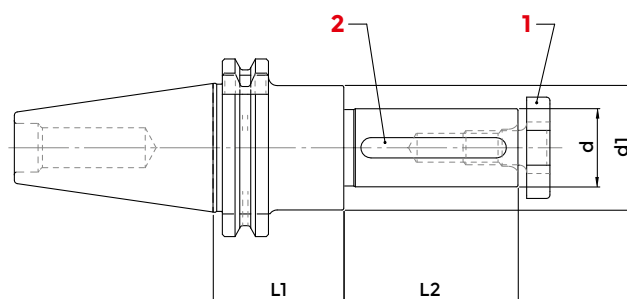
COMBI-SHELL MILL HOLDERS



DIN69871 A

COD.	DESCRIPTION	ISO	d	L1	L2	L3	d1	d2	G6, 3 8000	1	2	3
										COUPLING RING	CROSS SCREW	KEY WRENCH
												 
216-11232	TC 30 - D.16 C/ H 50	30	16	50	17	27	32	-	•	814-30001	811-107003	814-201010 816-130002
216-11234	TC 30 - D.22 C/ H 50	30	22	50	19	31	40	-	•	814-30002	811-107004	814-201020 816-130003
216-11201	TC 40 - D.16 C/ H 55	40	16	55	17	27	32	-	•	814-30001	811-107003	814-201010 816-130002
216-11213	TC 40 - D.16 C/ H 100	40	16	100	17	27	32	44	•	814-30001	811-107003	0015 816-130002
8474	TC 40 - D.16 C/ H 160	40	16	160	17	27	32	44	•	814-30001	811-107003	0015 816-130002
216-11202	TC 40 - D.22 C/ H 55	40	22	55	19	31	40	-	•	814-30002	811-107004	814-201020 816-130003
216-11214	TC 40 - D.22 C/ H 100	40	22	100	19	31	40	-	•	814-30002	811-107004	814-201020 816-130003
8475	TC 40 - D.22 C/ H 160	40	22	160	19	31	40	-	•	814-30002	811-107004	814-201020 816-130003
216-11203	TC 40 - D.27 C/ H 55	40	27	55	21	33	48	-	•	814-30003	811-107005	814-201030 816-130004
216-11215	TC 40 - D.27 C/ H 100	40	27	100	21	33	48	-	•	814-30003	811-107005	814-201030 816-130004
8476	TC 40 - D.27 C/ H 160	40	27	160	21	33	48	-	•	814-30003	811-107005	814-201030 816-130004
216-11204	TC 40 - D.32 C/ H 60	40	32	60	24	32	58	-	•	814-30004	811-107006	814-201040 816-130005
216-11216	TC 40 - D.32 C/ H 100	40	32	100	24	32	58	-	•	814-30004	811-107006	814-201040 816-130005
8477	TC 40 - D.32 C/ H 160	40	32	160	24	32	58	-	•	814-30004	811-107006	814-201040 816-130005
216-11205	TC 40 - D.40 C/ H 60	40	40	60	27	40	70	-	•	814-30005	811-107007	814-201050 816-130006
216-11217	TC 40 - D.40 C/ H 100	40	40	100	27	40	70	-	•	814-30005	811-107007	814-201050 816-130006
3836	TC 45 - D.16 C/ H 60	45	16	60	17	16	32	-	•	814-30001	811-107003	814-201010 816-130002
3837	TC 45 - D.22 C/ H 65	45	22	65	19	11	40	-	•	814-30002	811-107004	814-201020 816-130003
4105	TC 45 - D.22 C/ H 100	45	22	100	19	22	40	-	•	814-30002	811-107004	814-201020 816-130003
3838	TC 45 - D.27 C/ H 65	45	27	65	21	27	48	-	•	814-30003	811-107005	814-201030 816-130004
4106	TC 45 - D.27 C/ H 100	45	27	100	21	27	48	-	•	814-30003	811-107005	814-201030 816-130004
3839	TC 45 - D.32 C/ H 65	45	32	65	24	32	58	-	•	814-30004	811-107006	814-201040 816-130005
3840	TC 45 - D.40 C/ H 70	45	40	70	27	40	70	-	•	814-30005	811-107007	814-201050 816-130006
216-11206	TC 50 - D.16 C/ H 55	50	16	55	17	16	32	-	•	814-30001	811-107003	814-201010 816-130002
216-11218	TC 50 - D.16 C/ H 100	50	16	100	17	16	32	50	•	814-30001	811-107003	814-201010 816-130002
216-11207	TC 50 - D.22 C/ H 55	50	22	55	19	22	40	-	•	814-30002	811-107004	814-201020 816-130003
216-11219	TC 50 - D.22 C/ H 100	50	22	100	19	22	40	60	•	814-30002	811-107004	814-201020 816-130003
216-11208	TC 50 - D.27 C/ H 55	50	27	55	21	27	48	-	•	814-30003	811-107005	814-201030 816-130004
216-11220	TC 50 - D.27 C/ H 100	50	27	100	21	27	48	60	•	814-30003	811-107005	814-201030 816-130004
216-11209	TC 50 - D.32 C/ H 55	50	32	55	24	32	58	-	•	814-30004	811-107006	814-201040 816-130005
216-11221	TC 50 - D.32 C/ H 100	50	32	100	24	32	58	-	•	814-30004	811-107006	814-201040 816-130005
216-11210	TC 50 - D.40 C/ H 55	50	40	55	27	40	70	-	•	814-30005	811-107007	814-201050 816-130006
216-11222	TC 50 - D.40 C/ H 100	50	40	100	27	40	70	-	•	814-30005	811-107007	814-201050 816-130006
4522	TC 50 - D.50 C/ H 70	50	50	70	30	50	90	-	•	4095	811-107009	0137 816-130007

MILL HOLDERS WITH FEATHER KEY



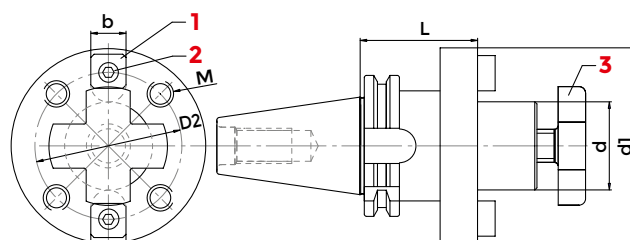
DIN69871 A

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	•	811-107003	0147	816-130002
8494	TC 40 - D. 22 CHT	40	22	45	40	36	•	811-107004	0148	816-130003
8495	TC 40 - D. 27 CHT	40	27	45	60	43	•	811-107005	0149	816-130004
8496	TC 40 - D. 32 CHT	40	32	45	60	48	•	811-107006	0150	816-130005
8497	TC 40 - D. 40 CHT	40	40	45	60	56	•	811-107007	0151	816-130006

ACCESSORIES



FACE MILL HOLDER FOR FACE MILLING CUTTERS



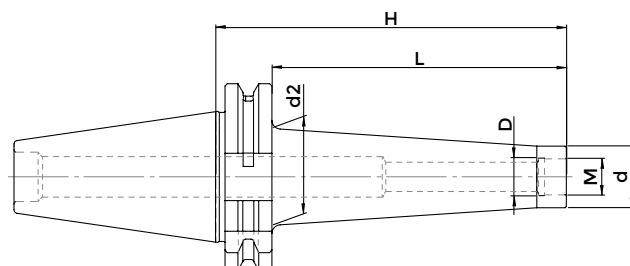
DIN69871 A - DIN 6357

COD.	DESCRIPTION	ISO	d	L	d1	D2	M	b	G6, 3 8000	1	2	3
										SCREW	TENON	CROSS SCREW
												
216-21201	TC 40 - D. 40 FM	40	40	60	89	66,7	M 12	15,9	•	0207	814-202080	811-107007
216-21202	TC 50 - D. 40 FM	50	40	70	89	66,7	M 12	15,9	•	0207	814-202080	811-107007
216-21203	TC 50 - D. 60 FM	50	60	70	129	101,6	M 16	25,4	•	811-101064	814-202120	-

ACCESSORIES



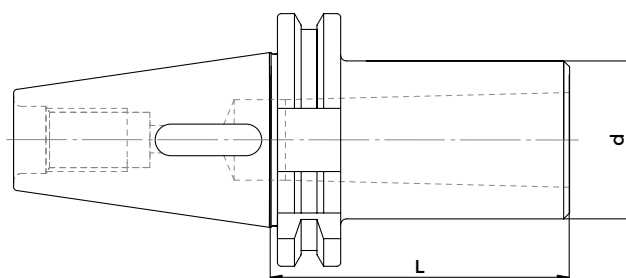
END MILL HOLDERS FOR MILLING CUTTERS WITH THREADED SHANKS



DIN69871 AD - DIN 6358

COD.	DESCRIPTION	ISO	M	D	d	d2	H	L	G6,3 12000
217-81320	TC 40 - M 8 / H 55	40	M 8	8,5	13	15	55	36	•
217-81301	TC 40 - M 8 / H 69	40	M 8	8,5	13	23	69	50	•
217-81302	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	•
217-81321	TC 40 - M 10 / H 55	40	M 10	10,5	18	20	55	36	•
217-81304	TC 40 - M 10 / H 69	40	M 10	10,5	18	23	69	50	•
217-81305	TC 40 - M 10 / H 94	40	M 10	10,5	18	28	94	75	•
217-81306	TC 40 - M 10 / H 119	40	M 10	10,5	18	32	119	100	•
217-81322	TC 40 - M 10 / H 145	40	M 10	10,5	18	34	145	126	•
217-81323	TC 40 - M 12 / H 55	40	M 12	12,5	21	24	55	36	•
217-81307	TC 40 - M 12 / H 69	40	M 12	12,5	21	24	69	50	•
217-81308	TC 40 - M 12 / H 94	40	M 12	12,5	21	31	94	75	•
217-81309	TC 40 - M 12 / H 119	40	M 12	12,5	21	33	119	100	•
217-81324	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	•
217-81326	TC 40 - M 16 / H 55	40	M 16	17	29	32	55	36	•
217-81310	TC 40 - M 16 / H 69	40	M 16	17	29	34	69	50	•
217-81311	TC 40 - M 16 / H 94	40	M 16	17	29	34	94	75	•
217-81312	TC 40 - M 16 / H 119	40	M 16	17	29	36	119	100	•
217-81313	TC 40 - M 16 / H 145	40	M 16	17	29	40	145	126	•
217-81327	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	•
217-81314	TC 50 - M 12 / H 69	50	M 12	12,5	21	24	69	50	•
217-81315	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	•
217-81317	TC 50 - M 16 / H 69	50	M 16	17	29	34	69	50	•
217-81318	TC 50 - M 16 / H 119	50	M 16	17	29	36	119	100	•
217-81319	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	•

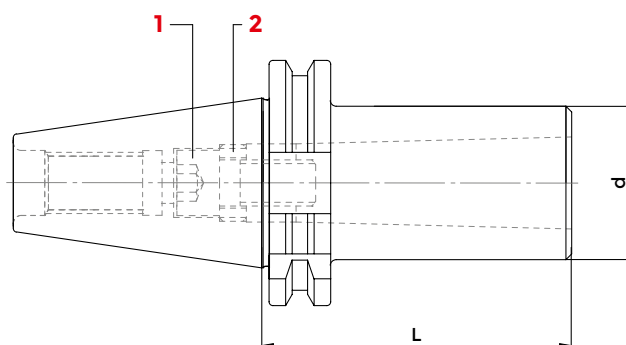
INDEXABLE MORSE TAPER DRILL HOLDERS



DIN69871 AD

COD.	DESCRIPTION	ISO	CM	d	L
212-41214	TC 30 - CM 1 PUNTE	30	1	25	55
212-41215	TC 30 - CM 2 PUNTE	30	2	32	60
212-41216	TC 30 - CM 3 PUNTE	30	3	40	90
212-41201	TC 40 - CM 1 PUNTE	40	1	25	50
212-41202	TC 40 - CM 2 PUNTE	40	2	32	60
212-41203	TC 40 - CM 3 PUNTE	40	3	40	75
212-41204	TC 40 - CM 4 PUNTE	40	4	48	95
212-41205	TC 50 - CM 1 PUNTE	50	1	25	45
212-41206	TC 50 - CM 2 PUNTE	50	2	32	60
212-41207	TC 50 - CM 3 PUNTE	50	3	40	65
212-41208	TC 50 - CM 4 PUNTE	50	4	48	95
212-41209	TC 50 - CM 5 PUNTE	50	5	63	105

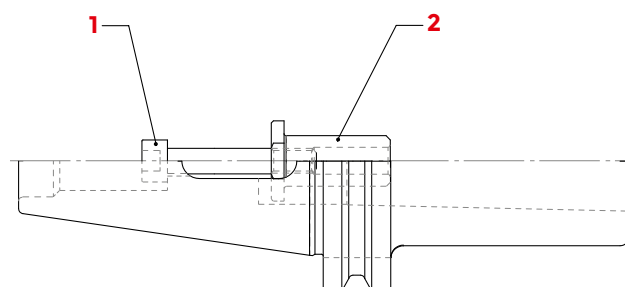
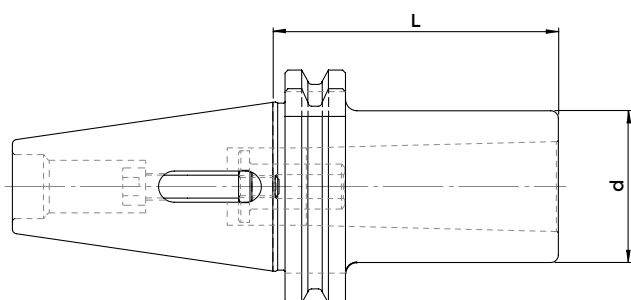
END MILL HOLDERS FOR MORSE TAPER CUTTERS



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	811-302032	816-20206002
212-21202	TC 40- CM 2 FRESE	40	2	32	50	811-101029	811-302030	816-20204002
212-21203	TC 40- CM 3 FRESE	40	3	40	70	811-111007	811-302031	816-20205002
212-21204	TC 40- CM 4 FRESE	40	4	48	95	7403	811-302032	816-20206002
3896	TC 45- CM 4 FRESE	45	4	48	110	7404	811-302036	816-20207002
5101	TC 50- CM 1 FRESE	50	1	25	45	7407	811-302036	816-20207002
212-21206	TC 50- CM 2 FRESE	50	2	32	50	811-101029	811-302030	816-20204002
212-21207	TC 50- CM 3 FRESE	50	3	40	65	811-111007	811-302031	816-20205002
212-21208	TC 50- CM 4 FRESE	50	4	48	95	7403	811-302032	816-20206002
212-21209	TC 50- CM 5 FRESE	50	5	63	120	7407	811-302036	816-20207002
						7408	811-302034	816-20208002

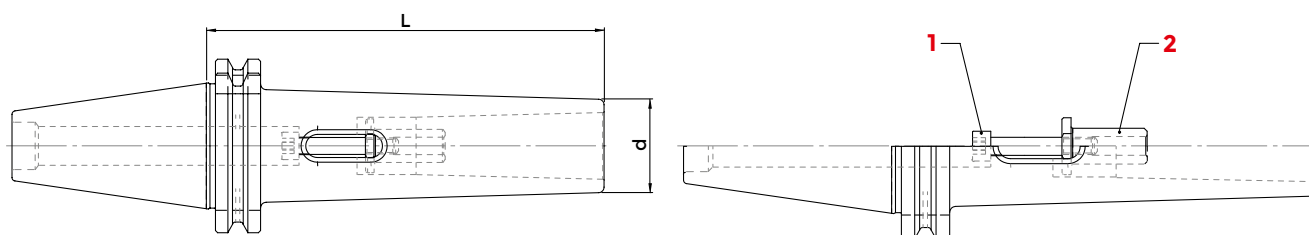
COMBI MORSE TAPER HOLDERS FOR DRILLS AND MILLING CUTTERS



DIN69871 AD - DIN 228-2 FORM C/D

COD.	DESCRIPTION	ISO	MORSE	d	L	1	2
						SCREW	REDUCER
							
212-61201	TC 40 - CM 1 P+ F	40	1	25	50	7400	-
212-61202	TC 40 - CM 2 P+ F	40	2	32	60	7401	-
212-61203	TC 40 - CM 3 P+ F	40	3	40	75	7400	811-302006
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
212-61205	TC 50 - CM 1 P+ F	50	1	25	45	7400	-
212-61206	TC 50 - CM 2 P+ F	50	2	32	60	7405	-
212-61207	TC 50 - CM 3 P+ F	50	3	40	65	811-101070	-
212-61208	TC 50 - CM 4 P+ F	50	4	48	105	811-101070	811-302008

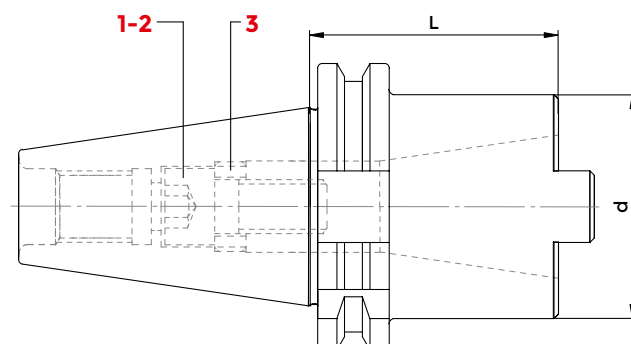
COMBI MORSE TAPER HOLDERS FOR DRILLS AND MILLING CUTTERS - LONG SERIES



DIN69871 AD - DIN 228-2 FORM C/D

COD. DRILLS	COD. DRILLS + MILLING CUTTERS	DESCRIPTION	ISO	MORSE	d	L	1	2
							SCREW	REDUCER
								
3778	212-61210	TC 40 - CM 1	40	1	18	120	7400	-
3779	212-61211	TC 40 - CM 2	40	2	25	120	7401	-
3780	212-61212	TC 40 - CM 3	40	3	33	140	7400	811-302006
4241	-	TC 40 - CM 4	40	4	48	165	-	-
3745	212-61214	TC 50 - CM 1	50	1	18	120	7400	-
3746	212-61215	TC 50 - CM 2	50	2	25	140	7405	-
3747	212-61216	TC 50 - CM 3	50	3	33	150	811-101070	-
3748	212-61217	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

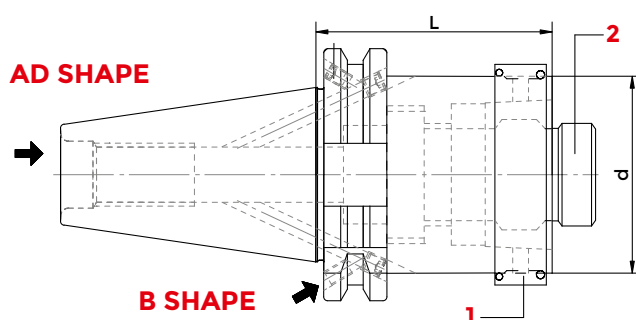


DIN69871 A

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	•	811-101065	0177	811-302032	816-20206002
212-11213	TC 40 - ISO 40 / TC 40 / BT 40	40	40	68	100	•	811-401147	811-401150	811-302036	816-20207002
212-11201	TC 50 - ISO 40 / TC 40 / BT 40	50	40	68	70	•	811-401147	811-401150	811-302036	816-20207002
212-11214	TC 50 - ISO 50 / TC 50 / BT 50	50	50	100	120	•	811-401151	811-401152	811-302047	816-202090

* included in delivery

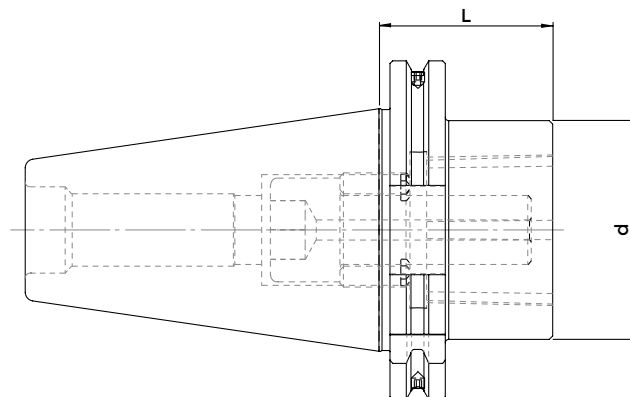
ADAPTER FROM DIN69871(SK) TO DIN69893-1 (HSK A+C)



DIN69871 AD/B

COD.	DESCRIPTION	ISO	d	L	G6.3 8000	1	2
						LOCKING RING	CLAMPING UNIT
212-91301	TC 40 - HSK 50 A+C	40	50	60	•	H50A-AN	H50A-UBL
212-91302	TC 40 - HSK 63 A+C	40	63	80	•	H63A-AN	H63A-UBL
212-91304	TC 50 - HSK 63 A+C	50	63	60	•	H63A-AN	H63A-UBL

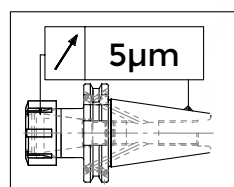
ADAPTER FROM DIN69871(SK) TO ISO26623-1 (POLYGONAL)



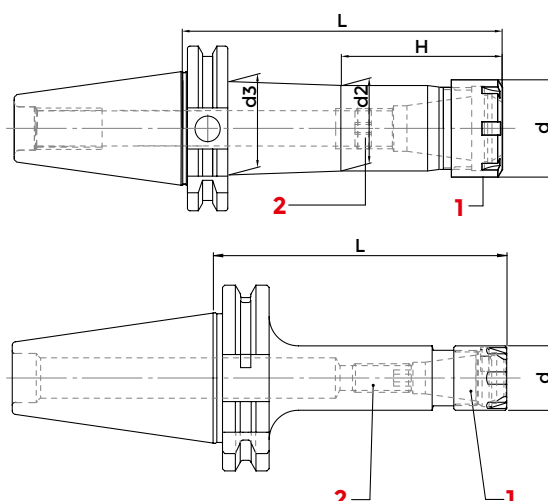
DIN69871 AD/B

COD.	DESCRIPTION	ISO	d	L	G6.3 8000
TC40H30C40ADB	TC 40 - C 40 / H 30	40	40	30	•
TC40H60C40ADB	TC 40 - C 40 / H 60	40	40	60	•
TC40H40C50ADB	TC 40 - C 50 / H 40	40	50	40	•
TC40H85C63ADB	TC 40 - C 63 / H 85	40	63	85	•
TC50H30C40ADB	TC 50 - C 40 / H 30	50	40	30	•
TC50H60C40ADB	TC 50 - C 40 / H 60	50	40	60	•
TC50H30C50ADB	TC 50 - C 50 / H 30	50	50	30	•
TC50H70C50ADB	TC 50 - C 50 / H 70	50	50	70	•
TC50H110C50ADB	TC 50 - C 50 / H 110	50	50	110	•
TC50H30C63ADB	TC 50 - C 63 / H 30	50	63	30	•
TC50H50C63ADB	TC 50 - C 63 / H 50	50	63	50	•
TC50H80C63ADB	TC 50 - C 63 / H 80	50	63	80	•
TC50H70C80ADB	TC 50 - C 80 / H 70	50	80	70	•
TC50H120C80ADB	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
214-91333	4720	TC 40 - ER 11 GM / H 70 SLIM LINE	40	ER 11 1÷ 8	16	14	20	22	70	-	•	812-203012	811-102114	816-203008	ER11
214-91334	4721	TC 40 - ER 11 GM / H100 SLIM LINE	40	ER 11 1÷ 8	16	14	20	40	100	-	•	812-203012	811-102114	816-203008	ER11
4057	4722	TC 40 - ER 11 GM / H130 SLIM LINE	40	ER 11 1÷ 8	16	16	-	-	130	-	•	812-203012	811-102114	816-203008	ER11
214-91335	4723	TC 40 - ER 11 GM / H160 SLIM LINE	40	ER 11 1÷ 8	16	14	27	50	160	-	•	812-203012	811-102114	816-203008	ER11
214-91336	4724	TC 40 - ER 16 GM / H 70 SLIM LINE	40	ER 16 1÷12	22	20	25	27	70	-	•	812-203013	811-102038	816-203009	ER16
214-91337	4748	TC 40 - ER 16 GM / H100 SLIM LINE	40	ER 16 1÷12	22	20	26	47	100	-	•	812-203013	811-102038	816-203009	ER16
264-31248	4749	TC 40 - ER 16 GM / H130 SLIM LINE	40	ER 16 1÷12	22	22	-	-	130	-	•	812-203013	811-102038	816-203009	ER16
214-91338	4021	TC 40 - ER 16 GM / H160 SLIM LINE	40	ER 16 1÷12	22	20	26	97	160	-	•	812-203013	811-102038	816-203009	ER16
3418	4026	TC 40 - ER 16 GM / H200 SLIM LINE	40	ER 16 1÷12	22	22	-	-	200	-	•	812-203013	811-102038	816-203009	ER16
214-91348	4000	TC 40 - ER 20 GM / H 70 SLIM LINE	40	ER 20 1÷15	28	28	-	-	70	-	•	812-203014	811-106005	816-203010	ER20
214-91349	4022	TC 40 - ER 20 GM / H100 SLIM LINE	40	ER 20 1÷15	28	26	30	48	100	-	•	812-203014	811-106005	816-203010	ER20
3434	4750	TC 40 - ER 20 GM / H130 SLIM LINE	40	ER 20 1÷15	28	28	-	-	130	-	•	812-203014	811-106005	816-203010	ER20
214-91350	4691	TC 40 - ER 20 GM / H160 SLIM LINE	40	ER 20 1÷15	28	26	31	98	160	-	•	812-203014	811-106005	816-203010	ER20
4017	4729	TC 40 - ER 20 GM / H200 SLIM LINE	40	ER 20 1÷15	28	28	-	-	200	-	•	812-203014	811-106005	816-203010	ER20
214-91339	4001	TC 40 - ER 25 GM / H 70 SLIM LINE	40	ER 25 1÷20	35	35	-	-	70	-	•	812-203015	0190	816-203011	ER25
214-91340	4751	TC 40 - ER 25 GM / H100 SLIM LINE	40	ER 25 1÷20	35	35	-	-	100	-	•	812-203015	0190	816-203011	ER25
3435	4730	TC 40 - ER 25 GM / H130 SLIM LINE	40	ER 25 1÷20	35	35	-	-	130	-	•	812-203015	0190	816-203011	ER25
214-91341	4752	TC 40 - ER 25 GM / H160 SLIM LINE	40	ER 25 1÷20	35	35	-	-	160	-	•	812-203015	0190	816-203011	ER25
3437	4753	TC 40 - ER 25 GM / H200 SLIM LINE	40	ER 25 1÷20	35	35	-	-	200	-	•	812-203015	0190	816-203011	ER25
214-91343	4046	TC 50 - ER 16 GM / H100 SLIM LINE	50	ER 16 1÷12	22	22	26	47	100	•	-	812-203013	0190	816-203009	ER16
3440	4756	TC 50 - ER 16 GM / H130 SLIM LINE	50	ER 16 1÷12	22	22	-	-	130	•	-	812-203013	0190	816-203009	ER16
214-91344	4693	TC 50 - ER 16 GM / H160 SLIM LINE	50	ER 16 1÷12	22	22	28	97	160	•	-	812-203013	0190	816-203009	ER16
4019	4757	TC 50 - ER 16 GM / H200 SLIM LINE	50	ER 16 1÷12	22	22	-	-	200	•	-	812-203013	0190	816-203009	ER16
214-91352	4047	TC 50 - ER 20 GM / H100 SLIM LINE	50	ER 20 1÷15	28	28	32	48	100	•	-	812-203014	811-106005	816-203010	ER20
3441	4758	TC 50 - ER 20 GM / H130 SLIM LINE	50	ER 20 1÷15	28	28	-	-	130	•	-	812-203014	811-106005	816-203010	ER20
214-91353	4760	TC 50 - ER 20 GM / H160 SLIM LINE	50	ER 20 1÷15	28	28	32	98	160	•	-	812-203014	811-106005	816-203010	ER20
3012	4070	TC 50 - ER 20 GM / H200 SLIM LINE	50	ER 20 1÷15	28	28	-	-	200	•	-	812-203014	811-106005	816-203010	ER20
214-91346	4071	TC 50 - ER 25 GM / H100 SLIM LINE	50	ER 25 1÷20	35	35	-	-	100	•	-	812-203015	0190	816-203011	ER25
3024	4483	TC 50 - ER 25 GM / H130 SLIM LINE	50	ER 25 1÷20	35	35	-	-	130	•	-	812-203015	0190	816-203011	ER25
214-91347	4759	TC 50 - ER 25 GM / H160 SLIM LINE	50	ER 25 1÷20	35	35	40	103	160	•	-	812-203015	0190	816-203011	ER25
3025	4484	TC 50 - ER 25 GM / H200 SLIM LINE	50	ER 25 1÷20	35	35	-	-	200	•	-	812-203015	0190	816-203011	ER25

ACCESSORIES

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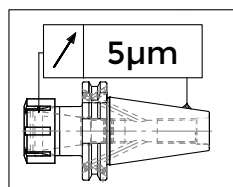
p. 615



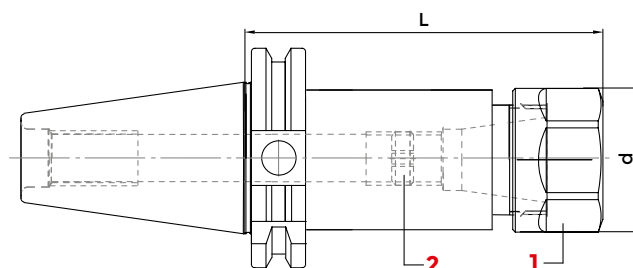
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ER COLLET CHUCK WITH HEXAGONAL NUT



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	WRENCH	COLLET
								NUT	SCREW		
											
8048	-	TC 30 - ER 16 GE / H 55	30	ER 16 1÷12	28	55	•	812-203009	811-102030	816-203012	ER16
8049	-	TC 30 - ER 16 GE / H 100	30	ER 16 1÷12	28	100	•	812-203009	811-102030	816-203012	ER16
8050	-	TC 30 - ER 20 GE / H 55	30	ER 20 1÷15	34	55	•	812-203010	811-102030	816-203013	ER20
8051	-	TC 30 - ER 20 GE / H 100	30	ER 20 1÷15	34	100	•	812-203010	811-102030	816-203013	ER20
3336	4725	TC 40 - ER 11 GE / H 70	40	ER 11 1÷ 8	19	70	•	812-203008	811-102114	2905	ER11
3337	4726	TC 40 - ER 11 GE / H 100	40	ER 11 1÷ 8	19	100	•	812-203008	811-102114	2905	ER11
3338	4727	TC 40 - ER 11 GE / H 130	40	ER 11 1÷ 8	19	130	•	812-203008	811-102114	2905	ER11
3339	4728	TC 40 - ER 11 GE / H 160	40	ER 11 1÷ 8	19	160	•	812-203008	811-102114	2905	ER11
214-31241EXA	8068	TC 40 - ER 16 GE / H 70	40	ER 16 1÷12	28	70	•	812-203009	811-102038	816-203012	ER16
214-31242EXA	8069	TC 40 - ER 16 GE / H 100	40	ER 16 1÷12	28	100	•	812-203009	811-102038	816-203012	ER16
8054	8070	TC 40 - ER 16 GE / H 130	40	ER 16 1÷12	28	130	•	812-203009	811-102038	816-203012	ER16
8055	8071	TC 40 - ER 16 GE / H 160	40	ER 16 1÷12	28	160	•	812-203009	811-102038	816-203012	ER16
8056	8072	TC 40 - ER 16 GE / H 200	40	ER 16 1÷12	28	200	•	812-203009	811-102038	816-203012	ER16
214-31238EXA	8073	TC 40 - ER 20 GE / H 70	40	ER 20 1÷15	34	70	•	812-203010	811-106005	816-203013	ER20
8058	8074	TC 40 - ER 20 GE / H 100	40	ER 20 1÷15	34	100	•	812-203010	811-106005	816-203013	ER20
8059	8075	TC 40 - ER 20 GE / H 130	40	ER 20 1÷15	34	130	•	812-203010	811-106005	816-203013	ER20
8060	8076	TC 40 - ER 20 GE / H 160	40	ER 20 1÷15	34	160	•	812-203010	811-106005	816-203013	ER20
8061	8077	TC 40 - ER 20 GE / H 200	40	ER 20 1÷15	34	200	•	812-203010	811-106005	816-203013	ER20
8062	8078	TC 50 - ER 16 GE / H 100	50	ER 16 1÷12	28	100	•	812-203009	811-102038	816-203012	ER16
8063	8079	TC 50 - ER 16 GE / H 160	50	ER 16 1÷12	28	160	•	812-203009	811-102038	816-203012	ER16
8064	8080	TC 50 - ER 16 GE / H 200	50	ER 16 1÷12	28	200	•	812-203009	811-102038	816-203012	ER16
8065	8081	TC 50 - ER 20 GE / H 100	50	ER 20 1÷15	34	100	•	812-203010	811-106005	816-203013	ER20
8066	8082	TC 50 - ER 20 GE / H 160	50	ER 20 1÷15	34	160	•	812-203010	811-106005	816-203013	ER20
8067	8083	TC 50 - ER 20 GE / H 200	50	ER 20 1÷15	34	200	•	812-203010	811-106005	816-203013	ER20

ACCESSORIES

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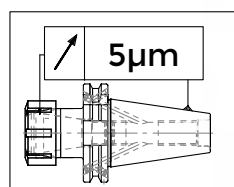
p. 615



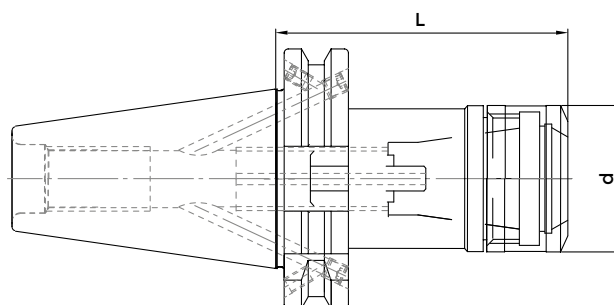
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ER COLLET CHUCKS - HIGH PRECISION

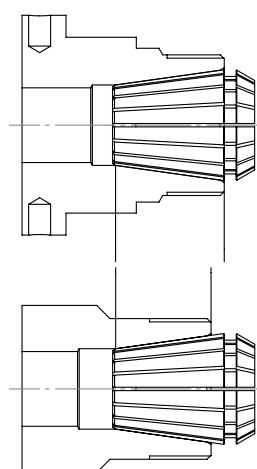


H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



DIN 69871 AD/B

COD.	DESCRIPTION	ISO	L	d	ER	G2.5 30000	NUT	WRENCH
214-91355	TC40H70ER16-HP	40	70	30	16	•	812-203085	816-203069
214-91356	TC40H70ER25-HP	40	70	40	25	•	812-203086	816-203070
214-91357	TC40H70ER32-HP	40	70	50	32	•	812-203087	816-203071
214-91359	TC40H100ER16-HP	40	100	30	16	•	812-203087	816-203071
214-91360	TC40H100ER25-HP	40	100	40	25	•	812-203085	816-203069
214-91362	TC40H100ER32-HP	40	100	50	32	•	812-203086	816-203070
214-91363	TC50H100ER16-HP	50	100	30	16	•	812-203087	816-203071
214-91364	TC50H100ER25-HP	50	100	40	25	•	812-203085	816-203069
214-91367	TC50H70ER32-HP	50	70	50	32	•	812-203086	816-203070
214-91365	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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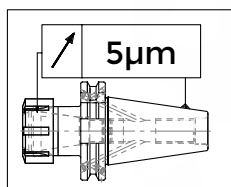
p. 615



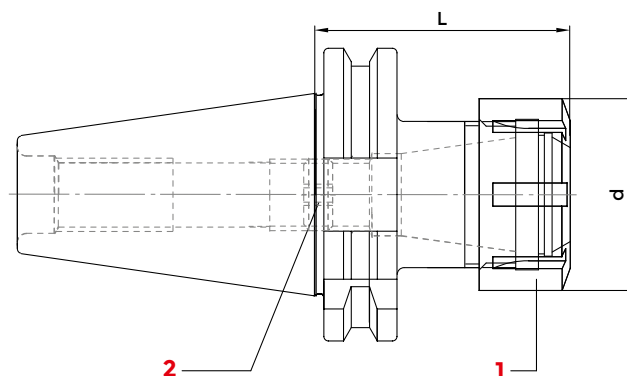
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ER COLLET CHUCKS



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

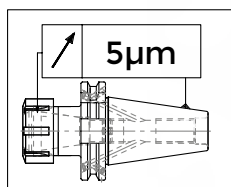


DIN 69871 AD/B - DIN6499/ISO15488

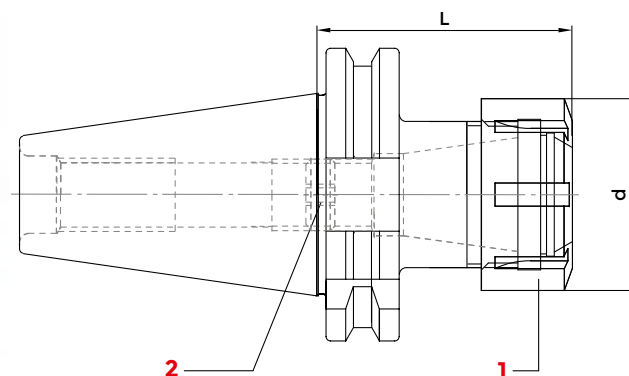
COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	ER	d	L	G6,3 12000	G6,3 15000	1 2			
									NUT	SCREW	WRENCH	COLLET
214-31211	-	TC 30 - ER 16 / H 55	30	ER 16 1÷12	32	55	-	•	812-203005 811-102030	816-203000		ER16
214-31213	-	TC 30 - ER 16 / H 100	30	ER 16 1÷12	32	100	-	•	812-203005 811-102030	816-203000		ER16
264-31236	-	TC 30 - ER 20 / H 55	30	ER 20 1÷15	35	55	-	•	812-203006 811-102030	816-203005		ER20
3374	-	TC 30 - ER 20 / H 100	30	ER 20 1÷15	35	100	-	•	812-203006 811-102030	816-203005		ER20
214-31212	-	TC 30 - ER 25 / H 55	30	ER 25 1÷20	42	55	-	•	812-203001 0190	816-203001		ER25
3375	-	TC 30 - ER 25 / H 100	30	ER 25 1÷20	42	100	-	•	812-203001 0190	816-203001		ER25
214-31228	-	TC 30 - ER 32 / H 60	30	ER 32 2÷25	50	60	-	•	812-203002 811-303118	816-203002		ER32
3376	-	TC 30 - ER 32 / H 100	30	ER 32 2÷25	50	100	-	•	812-203002 811-303118	816-203002		ER32
3336	4725	TC 40 - ER 11 / H 70	40	ER 11 1÷8	19	100	-	•	1157 GE	811-102114	2905 CE	ER11
3337	4726	TC 40 - ER 11 / H 100	40	ER 11 1÷8	19	70	-	•	1157 GE	811-102114	2905 CE	ER11
3338	4727	TC 40 - ER 11 / H 130	40	ER 11 1÷8	19	100	-	•	1157 GE	811-102114	2905 CE	ER11
3339	4728	TC 40 - ER 11 / H 160	40	ER 11 1÷8	19	130	-	•	1157 GE	811-102114	2905 CE	ER11
214-31241	214-31362	TC 40 - ER 16 / H 70	40	ER 16 1÷12	32	160	-	•	812-203005 811-102038	816-203000		ER16
214-31242	214-31363	TC 40 - ER 16 / H 100	40	ER 16 1÷12	32	100	-	•	812-203005 811-102038	816-203000		ER16
214-31385	4754	TC 40 - ER 16 / H 130	40	ER 16 1÷12	32	130	-	•	812-203005 811-102038	816-203000		ER16
214-31359	4702	TC 40 - ER 16 / H 160	40	ER 16 1÷12	32	160	-	•	812-203005 811-102038	816-203000		ER16
214-31369	4755	TC 40 - ER 16 / H 200	40	ER 16 1÷12	32	200	-	•	812-203005 811-102038	816-203000		ER16
214-31238	214-31383	TC 40 - ER 20 / H 70	40	ER 20 1÷15	35	70	-	•	812-203006 811-106005	816-203005		ER20
214-31257	214-31384	TC 40 - ER 20 / H 100	40	ER 20 1÷15	35	100	-	•	812-203006 811-106005	816-203005		ER20
214-31386	4830	TC 40 - ER 20 / H 130	40	ER 20 1÷15	35	130	-	•	812-203006 811-106005	816-203005		ER20
3100	4705	TC 40 - ER 20 / H 160	40	ER 20 1÷15	35	160	-	•	812-203006 811-106005	816-203005		ER20
3104	4831	TC 40 - ER 20 / H 200	40	ER 20 1÷15	35	200	-	•	812-203006 811-106005	816-203005		ER20
214-31201	214-31329	TC 40 - ER 25 / H 70	40	ER 25 1÷20	42	70	-	•	812-203001 0190	816-203001		ER25
214-31232	214-31347	TC 40 - ER 25 / H 100	40	ER 25 1÷20	42	100	-	•	812-203001 0190	816-203001		ER25
214-31387	4708	TC 40 - ER 25 / H 130	40	ER 25 1÷20	42	130	-	•	812-203001 0190	816-203001		ER25
214-31345	4709	TC 40 - ER 25 / H 160	40	ER 25 1÷20	42	160	-	•	812-203001 0190	816-203001		ER25
214-31370	4832	TC 40 - ER 25 / H 200	40	ER 25 1÷20	42	200	-	•	812-203001 0190	816-203001		ER25
214-31202	214-31331	TC 40 - ER 32 / H 70	40	ER 32 2÷25	50	70	-	•	812-203002 811-303118	816-203002		ER32
214-31230	214-31348	TC 40 - ER 32 / H 100	40	ER 32 2÷25	50	100	-	•	812-203002 811-303118	816-203002		ER32
214-31389	4712	TC 40 - ER 32 / H 130	40	ER 32 2÷25	50	130	-	•	812-203002 811-303118	816-203002		ER32
214-31346	4713	TC 40 - ER 32 / H 160	40	ER 32 2÷25	50	160	-	•	812-203002 811-303118	816-203002		ER32
214-31371	4076	TC 40 - ER 32 / H 200	40	ER 32 2÷25	50	200	-	•	812-203002 811-303118	816-203002		ER32
214-31215	214-31333	TC 40 - ER 40 / H 70	40	ER 40 3÷32	63	70	-	•	812-203003 0195	816-203003		ER40
214-31286	214-31364	TC 40 - ER 40 / H 100	40	ER 40 3÷32	63	100	-	•	812-203003 0195	816-203003		ER40
214-31390	4716	TC 40 - ER 40 / H 130	40	ER 40 3÷32	63	130	-	•	812-203003 0195	816-203003		ER40
214-31366	4717	TC 40 - ER 40 / H 160	40	ER 40 3÷32	63	160	-	•	812-203003 0195	816-203003		ER40

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	-	•				
154	4719	TC 40 - ER 50 / H 85	40	ER 50 6÷36	78	85	-	•	812-203007 0195	816-203004		ER50
3353	-	TC 45 - ER 32 / H 70	45	ER 32 2÷25	50	70	-	•	812-203002 811-303118	816-203002		ER32
3106	-	TC 45 - ER 32 / H 100	45	ER 32 2÷25	50	100	-	•	812-203002 811-303118	816-203002		ER32
3354	-	TC 45 - ER 32 / H 130	45	ER 32 2÷25	50	130	-	•	812-203002 811-303118	816-203002		ER32
184	-	TC 45 - ER 32 / H 160	45	ER 32 2÷25	50	160	-	•	812-203002 811-303118	816-203002		ER32
3355	-	TC 45 - ER 40 / H 80	45	ER 40 3÷32	63	80	-	•	812-203003 0195	816-203003		ER40
5130	5134	TC 50 - ER 16 / H 70	50	ER 16 1÷12	32	70	•	-	812-203005 811-102038	816-203000		ER20
214-31365	4731	TC 50 - ER 16 / H 100	50	ER 16 1÷12	32	100	•	-	812-203005 811-102038	816-203000		ER20
214-31367	4732	TC 50 - ER 16 / H 160	50	ER 16 1÷12	32	160	•	-	812-203005 811-102038	816-203000		ER20
214-31373	4806	TC 50 - ER 16 / H 200	50	ER 16 1÷12	32	200	•	-	812-203005 811-102038	816-203000		ER20
264-31234	-	TC 50 - ER 20 / H 70	50	ER 20 1÷15	35	70	•	-	812-203006 811-106005	816-203005		ER20
214-31380	4733	TC 50 - ER 20 / H 100	50	ER 20 1÷15	35	100	•	-	812-203006 811-106005	816-203005		ER20
3111	4734	TC 50 - ER 20 / H 160	50	ER 20 1÷15	35	160	•	-	812-203006 811-106005	816-203005		ER20
3112	4807	TC 50 - ER 20 / H 200	50	ER 20 1÷15	35	200	•	-	812-203006 811-106005	816-203005		ER20
214-31250	214-31341	TC 50 - ER 25 / H 70	50	ER 25 1÷20	42	70	•	-	812-203001 0190	816-203001		ER25
214-31342	4736	TC 50 - ER 25 / H 100	50	ER 25 1÷20	42	100	•	-	812-203001 0190	816-203001		ER25
214-31368	4737	TC 50 - ER 25 / H 160	50	ER 25 1÷20	42	160	•	-	812-203001 0190	816-203001		ER25
214-31374	4808	TC 50 - ER 25 / H 200	50	ER 25 1÷20	42	200	•	-	812-203001 0190	816-203001		ER25
214-31203	214-31335	TC 50 - ER 32 / H 70	50	ER 32 2÷25	50	70	•	-	812-203002 811-303118	816-203002		ER32
214-31336	4739	TC 50 - ER 32 / H 100	50	ER 32 2÷25	50	100	•	-	812-203002 811-303118	816-203002		ER32
3362	4740	TC 50 - ER 32 / H 130	50	ER 32 2÷25	50	130	•	-	812-203002 811-303118	816-203002		ER32
214-31337	4741	TC 50 - ER 32 / H 160	50	ER 32 2÷25	50	160	•	-	812-203002 811-303118	816-203002		ER32
214-31375	4742	TC 50 - ER 32 / H 200	50	ER 32 2÷25	50	200	•	-	812-203002 811-303118	816-203002		ER32
3382	4809	TC 50 - ER 32 / H 250	50	ER 32 2÷25	50	250	•	-	812-203002 811-303118	816-203002		ER32
214-31204	214-31338	TC 50 - ER 40 / H 80	50	ER 40 3÷32	63	80	•	-	812-203003 0195	816-203003		ER40
214-31339	4744	TC 50 - ER 40 / H 100	50	ER 40 3÷32	63	100	•	-	812-203003 0195	816-203003		ER40
3366	4745	TC 50 - ER 40 / H 130	50	ER 40 3÷32	63	130	•	-	812-203003 0195	816-203003		ER40
214-31340	4746	TC 50 - ER 40 / H 160	50	ER 40 3÷32	63	160	•	-	812-203003 0195	816-203003		ER40
214-31376	4747	TC 50 - ER 40 / H 200	50	ER 40 3÷32	63	200	•	-	812-203003 0195	816-203003		ER40
3369	4810	TC 50 - ER 50 / H 100	50	ER 50 6÷36	78	100	•	-	812-203007 0195	816-203004		ER50
8044	8045	TC 50 - ER 50 / H 160	50	ER 50 6÷36	78	160	•	-	812-203007 0195	816-203004		ER50

ACCESSORIES

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



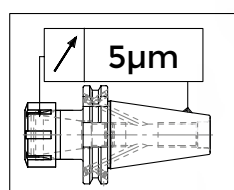
COD.	DESCRIPTION	ISO	1	2	WRENCH	COLLET
			CHUCK	CASE		
						
7772	KIT Rid TC 40 / H 70 - ER 25	40	214-31201	7022	816-203001	ER25D: Ø 4 - 6 - 8 -10 -12 -16
7773	KIT Rid TC 40 / H 70 - ER 32	40	214-31202	7023	816-203002	ER32D: Ø 4 - 6 - 8 -10 -12 -16 - 20
7774	KIT Rid TC 40 / H 70 - ER 40	40	214-31215	7024	816-203003	ER40D: Ø 4 - 6 - 8 -10 -12 -16 - 20 -25
7775	KIT Rid TC 50 / H 70 - ER 32	50	214-31203	7023	816-203002	ER32D: Ø 4 - 6 - 8 -10 -12 -16 - 20
7776	KIT Rid TC 50 / H 80 - ER 40	50	214-31204	7024	816-203003	ER40D: Ø 4 - 6 - 8 -10 -12 -16 - 20 -25

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

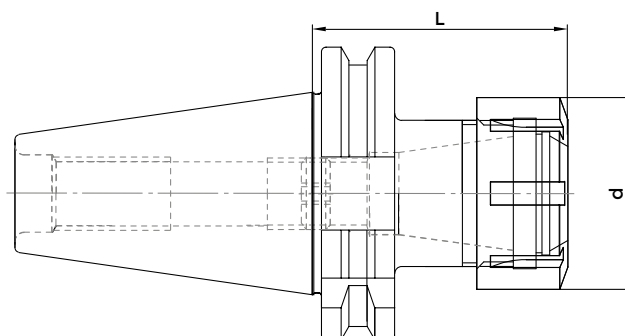


COD.	DESCRIPTION	ISO	1	2	WRENCH	COLLET
			CHUCK	CASE		
						
7779	KIT TC 40 / H 70 - ER25	40	214-31201	7022	816-203001	ER25D: Ø 2 ÷ 16 (15 Pinze)
7780	KIT TC 40 / H 70 - ER32	40	214-31202	7023	816-203002	ER32D: Ø 3 ÷ 20 (18 Pinze)
7781	KIT TC 40 / H 70 - ER40	40	214-31215	7024	816-203003	ER40D: Ø 4 ÷ 26 (23 Pinze)
7782	KIT TC 50 / H 70 - ER32	50	214-31203	7023	816-203002	ER32D: Ø 3 ÷ 20 (18 Pinze)
7783	KIT TC 50 / H 80 - ER40	50	214-31204	7024	816-203003	ER40D: 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
214-91301	TC40H70ER16	40	16	32	70	•
214-91324	TC40H70ER20	40	20	35	70	•
214-91302	TC40H70ER25	40	25	42	70	•
214-91303	TC40H70ER32	40	32	50	70	•
214-91304	TC40H70ER40	40	40	63	70	•
214-91306	TC50H70ER32	50	32	50	70	•
214-91308	TC40H100ER16	40	16	32	100	•
214-91325	TC40H100ER20	40	20	35	100	•
214-91309	TC40H100ER25	40	25	42	100	•
214-91310	TC40H100ER32	40	32	50	100	•
214-91312	TC50H100ER16	50	16	32	100	•
214-91313	TC50H100ER25	50	25	42	100	•
214-91314	TC50H100ER32	50	32	50	100	•
214-91316	TC40H160ER16	40	16	32	160	•
214-91317	TC40H160ER25	40	25	42	160	•
214-91318	TC40H160ER32	40	32	50	160	•

ACCESSORIES



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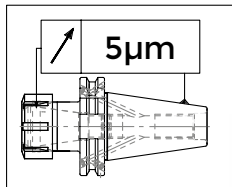
p. 615



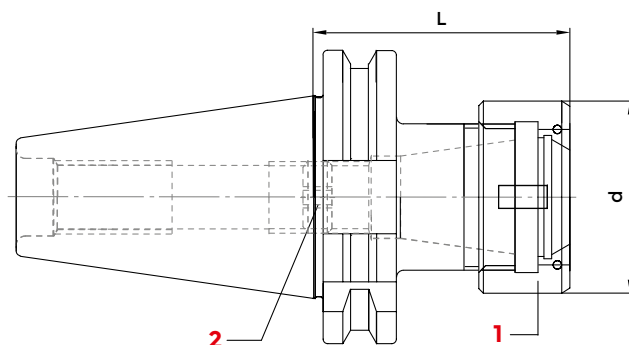
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DIN6388 (EOC) COLLET CHUCKS



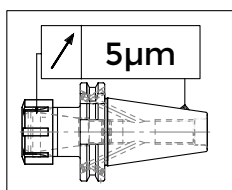
H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



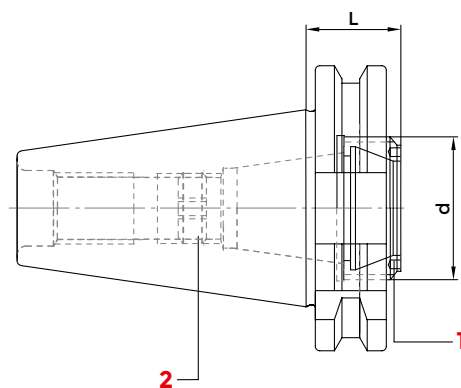
DIN 69871 AD/B - DIN6388

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	-	•	GOC16	816-203032	EOC16
8696	TC 40-EOC 25/ H70	40	EOC 25 2÷25	60	70	-	•	GOC25	816-203034	EOC25
8699	TC 40-EOC 32/ H80	40	EOC32 3÷32	72	80	-	•	GOC32	816-203036	EOC32
8703	TC 50-EOC 25/ H100	50	EOC 25 2÷25	60	100	•	-	GOC25	816-203034	EOC25
8705	TC 50-EOC 32/ H80	50	EOC 32 3÷32	72	80	•	-	GOC32	816-203036	EOC32
8706	TC 50-EOC 32/ H130	50	EOC 32 3÷32	72	130	•	-	GOC32	816-203036	EOC32

ER SHORT COLLET CHUCK WITH INNER NUT



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



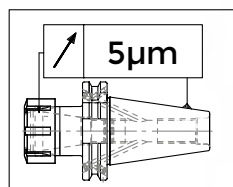
DIN 69871 AD - DIN 69871 A

COD.	DESCRIPTION	ISO	L	ER	G6.3 12000	G6.3 15000	1	2	
							NUT	WRENCH	COLLET
214-31377	TC 40 - ER25 GA	40	21	ER 25 1÷20	-	•	812-203057	CHER25EX	ER25
264-31215	TC 40 - ER32 GA	40	21	ER 32 2÷25	-	•	812-203032	CHER32EX	ER32
214-31378	TC 50 - ER32 GA	50	21	ER 32 2÷25	•	-	812-203032	CHER32EX	ER32

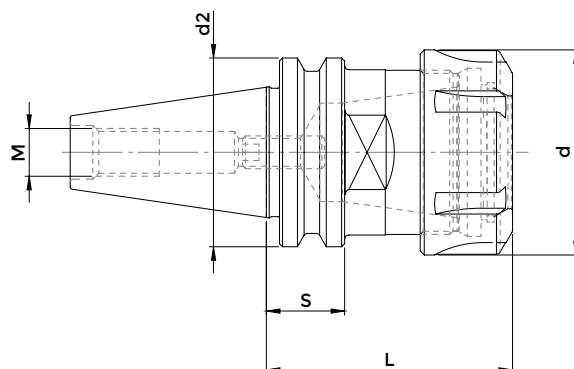
ACCESSORIES



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	•	812-203002	816-203002	ER32	0559
2546	ISO 30 AV - ER 40 / H 65	30	ER 40 3÷32	63	46,00	65	15,9	M 12	•	812-203003	816-203003	ER40	0561
2373	ISO 30 AV - ER 25 / H 65	30	ER 25 1÷20	42	50,00	65	15,9	M 12	•	812-203001	816-203001	ER25	-
264-31238	ISO 30 AV - ER 32 / H 50	30	ER 32 2÷25	50	50,00	50	15,9	M 14	•	812-203002	816-203002	ER32	0559
264-31239	ISO 30 AV - ER 32 / H 68	30	ER 32 2÷25	50	50,00	68	15,9	M 15	•	812-203002	816-203002	ER32	0559
2562	ISO 30 AV - ER 40 / H 57	30	ER 40 3÷32	63	50,00	57	15,9	M 16	•	812-203003	816-203003	ER40	0561
2563	ISO 30 AV - ER 40 / H 68	30	ER 40 3÷32	63	50,00	68	15,9	M 17	•	812-203003	816-203003	ER40	0561
2522	ISO 30 AV - ER 32 / H 63	30	ER 32 2÷25	50	58,00	63	15,9	M 18	•	812-203002	816-203002	ER32	0559
2567	ISO 40 AV - ER 32 / H 63	40	ER 32 2÷25	50	58,00	63	15,9	M 16	•	812-203002	816-203002	ER32	0559
2568	ISO 40 AV - ER 32 / H 68	40	ER 32 2÷25	50	63,55	68	15,9	M 18	•	812-203002	816-203002	ER32	0559
2521	ISO 40 AV - ER 40 / H 72	40	ER 40 3÷32	63	63,55	68	15,9	M 19	•	812-203003	816-203003	ER40	0561

LEFT SPIN

COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000				
										1	2	3	4
										NUT	WRENCH	COLLET	LOCKING NUT
2545SX	ISO 30 AV - ER 32 / H 60	30	ER 32 2÷25	50	46,00	60	15,9	M 12	•	812-203035	816-203002	ER32	0560
2546SX	ISO 30 AV - ER 40 / H 65	30	ER 40 3÷32	63	46,00	65	15,9	M 12	•	812-203034	816-203003	ER40	0580
2519SX	ISO 30 AV - ER 32 / H 50	30	ER 32 2÷25	50	50,00	50	15,9	M 12	•	812-203035	816-203002	ER32	0560
2520SX	ISO 30 AV - ER 32 / H 68	30	ER 32 2÷25	50	50,00	68	15,9	M 12	•	812-203035	816-203002	ER32	0560
2562SX	ISO 30 AV - ER 40 / H 57	30	ER 40 3÷32	63	50,00	57	15,9	M 12	•	812-203034	816-203003	ER40	0580
2563SX	ISO 30 AV - ER 40 / H 68	30	ER 40 3÷32	63	50,00	68	15,9	M 12	•	812-203034	816-203003	ER40	0580
2522SX	ISO 30 AV - ER 32 / H 63	30	ER 32 2÷25	50	58,00	63	15,9	M 12	•	812-203035	816-203002	ER32	0560

ACCESSORIES

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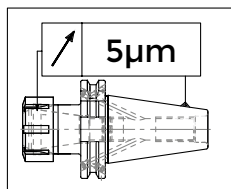
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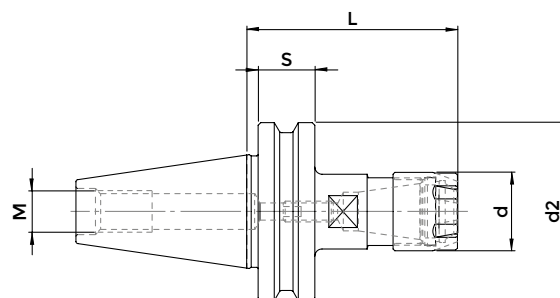
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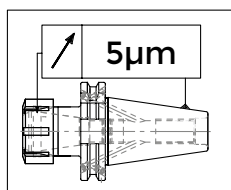
ER COLLET CHUCKS - FLANGE W/OUT LUGS



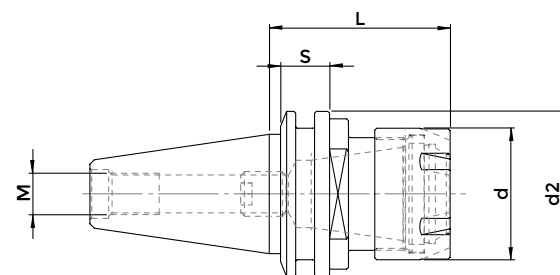
H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



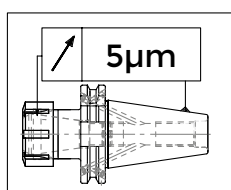
COD.	DESCRIPTION	ISO	ER	d	d2	L	S	M	G2,5 30000	NUT	WRENCH	COLLET
ISO20H49ER16M	ISO 20 AV - ER 16 / H 49	20	ER 16 1÷12	22	30	49	15,9	M 8	•			
264-31237	ISO 30 AV - ER 16 / H 60	30	ER 16 1÷12	22	50	60	15,9	M 12	•	1229	816-203009	ER16
4171	ISO 30 AV - ER 20 / H 53	30	ER 20 1÷15	28	50	53	15,9	M 12	•	1230	816-203010	ER20



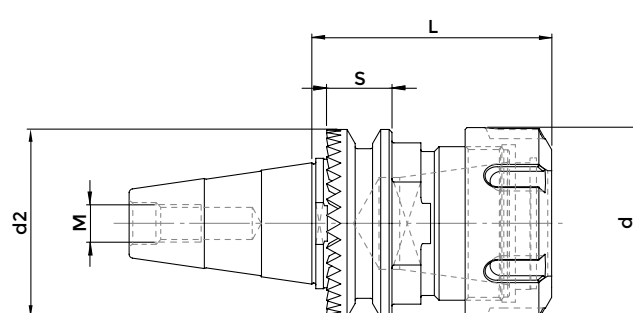
H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



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	816-203011	ER25

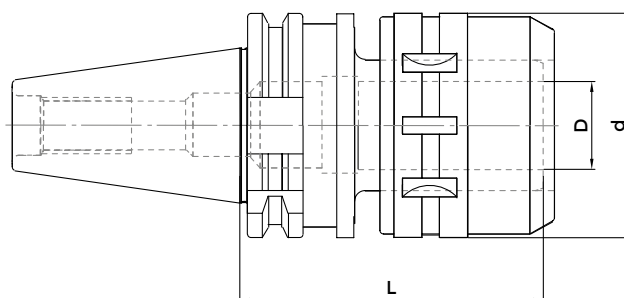


H= 0 > 100 mm - 5 µm
 H= 100 > 200 mm - 10 µm



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	•			
2117	ISO 30 SCM - ER 40	30	ER 40 3÷32	63	49	74	17	M 10	•	812-203003	816-203003	ER40
2118	ISO 30 SCM - EOC 25	30	EOC 25 2÷25	60	49	70	17	M 10	•	GOC25	816-203034	EOC25

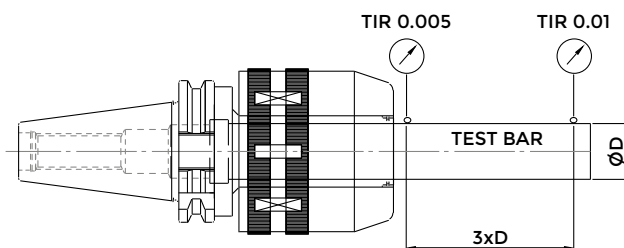
MILLING CHUCKS



DIN 69871 AD

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	d	D	L	C6.3 12000	COLLET
9626	-	TC 40 - PC 16 / H 65	40	34	16	65	•	OGX16
214-01308	214-01310	TC 40 - PC 20 / H 90	40	54	20	90	•	OGX20
214-01301	-	TC 40 - PC 20 / H 105	40	54	20	105	•	OGX20
-	214-01311	TC 40 - PC 32 / H 95	40	63	32	95	•	OGX32
214-01302	-	TC 40 - PC 32 / H 105	40	72	32	105	•	OGX32
-	214-01312	TC 50 - PC 20 / H 85	50	50	20	85	•	OGX20
214-01304	-	TC 50 - PC 20 / H 105	50	54	20	105	•	OGX20
-	9637	TC 50 - PC 20 / H 135	50	50	20	135	•	OGX20
-	214-01313	TC 50 - PC 32 / H 90	50	63	32	90	•	OGX32
214-01305	5227	TC 50 - PC 32 / H 105	50	72	32	105	•	OGX32
214-01306	-	TC 50 - PC 32 / H 135	50	72	32	135	•	OGX32

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)

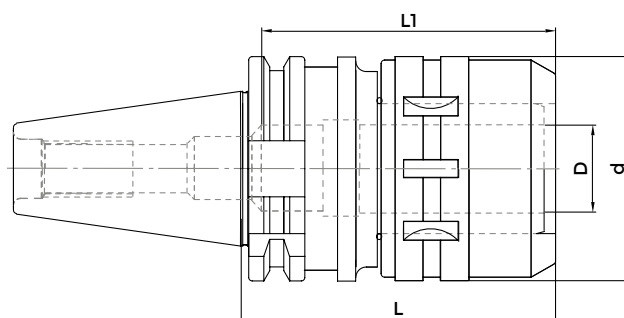


ACCESSORIES



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MILLING CHUCKS - HIGH SPEED LINE



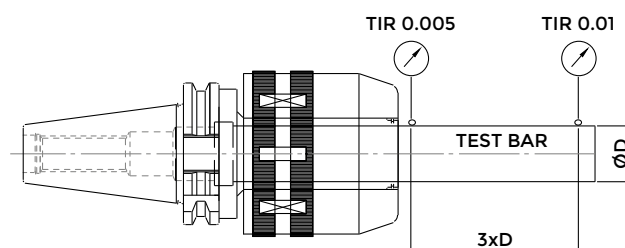
DIN 69871 A

HIGH SPEED LINE

COD.	DESCRIPTION	ISO	D	d	L	L1	G6.3 20000	COLLET
214-01202	TC40H105C20HS	40	20	54	105	70	•	OGX20
214-01203	TC40H105C32HS	40	32	74	105	100	•	OGX32
214-01205	TC50H105C32HS	50	32	74	105	100	•	OGX32



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



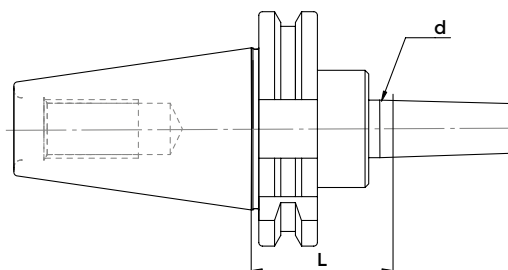
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MILLING KIT: CHUCK, WRENCH, COLLET



COD.	DESCRIPTION	ISO	CHUCK	CASE	WRENCH	COLLET
						
KITTC40C20	KIT TC 40 - PC 20 / H 90	40	214-01308	3695	2900	OGX20 Ø 6 - 8 - 10 - 12 - 16
KITTC40C20DK	KIT TC 40 - PC 20 / H 105	40	214-01301	3695	2900	OGX20 Ø 6 - 8 - 10 - 12 - 16
KITTC40C32	KIT TC 40 - PC 32 / H 105	40	214-01302	3695	816-203036	OGX32 Ø 6 - 8 - 10 - 12 - 16 - 20 - 25
KITTC50C20	KIT TC 50 - PC 20 / H 105	50	214-01304	3695	2900	OGX20 Ø 6 - 8 - 10 - 12 - 16
KITTC50C32	KIT TC 50 - PC 32 / H 105	50	214-01305	3695	816-203036	OGX32 Ø 6 - 8 - 10 - 12 - 16 - 20 - 25

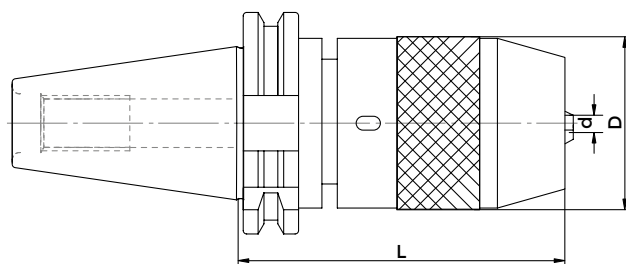
DRILL CHUCKS ADAPTERS



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	•
216-31201	TC 40 - B 16	40	40	15,733	•
216-31202	TC 40 - B 18	40	40	17,780	•
216-31203	TC 50 - B 16	50	40	15,733	•
216-31204	TC 50 - B 18	50	40	17,780	•

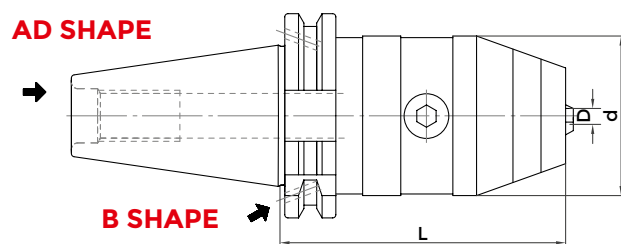
DRILL CHUCKS - RIGHT SPIN



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	•	832-012020	9021	816-111024
252-11211	TC 40 - DC 13	40	0,5 ÷ 13	90	50	•	832-012020	9021	816-111024
252-11212	TC 40 - DC 16	40	3 ÷ 16	115	57	•	832-012021	9023	816-111025
252-11213	TC 50 - DC 13	50	0,5 ÷ 13	100	50	•	832-012020	9021	816-111024
252-11214	TC 50 - DC 16	50	3 ÷ 16	105	57	•	832-012021	9023	816-111025

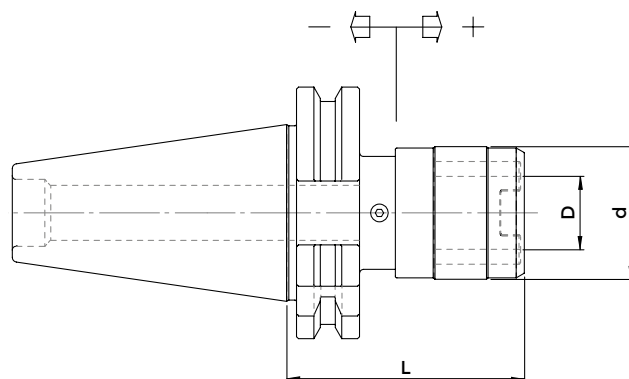
DRILL CHUCKS - LEFT AND RIGHT SPIN



DIN 69871 ADB

COD. (AD)	COD. (AD+B)	DESCRIPTION	ISO	DRILL RANGE	L	d	G6,3 8000	WRENCH
								
252-11301	8589	TC 40 - DCU 13	40	0,5 ÷ 13	90	50	•	816-152001
252-11302	8590	TC 40 - DCU 16	40	3 ÷ 16	95	50	•	816-152001
252-11303	8591	TC 50 - DCU 13	50	0,5 ÷ 13	90	50	•	816-152001
252-11304	8592	TC 50 - DCU 16	50	3 ÷ 16	95	50	•	816-152001

TENSION/COMPRESSION QUICK CHANGE TAPPING HEADS

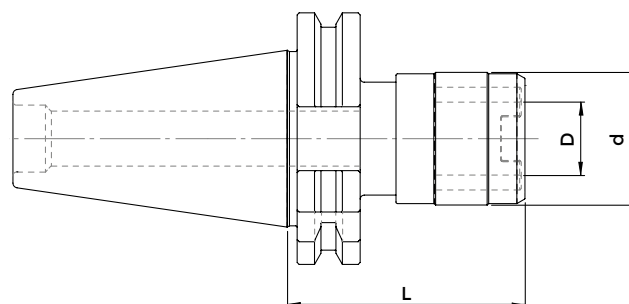


DIN 69871 A

COD.	DESCRIPTION	ISO	D	d	L	G6,3 8000	RANGE	TAP SIZE RANGE
M3008	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)
M3010	TC 40 - B. 1	40	19	38	60	•	- 7,5 + 7,5	M 3 ÷ M 12 (*18)
M3110	TC 40 - B. 2	40	31	55	100	•	- 12,5 + 12,5	M 6 ÷ M 20 (*30)
M3210	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)
M3030	TC 50 - B. 1	50	19	38	62	•	- 7,5 + 7,5	M 3 ÷ M 12 (*18)
M3130	TC 50 - B. 2	50	31	55	83	•	- 12,5 + 12,5	M 6 ÷ M 20 (*30)
M3230	TC 50 - B. 3	50	48	79	133	•	- 20,0 + 20,0	M 14 ÷ M 33 (*48)

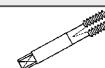
* Adapters with screws

SOLID TAPPING HEADS

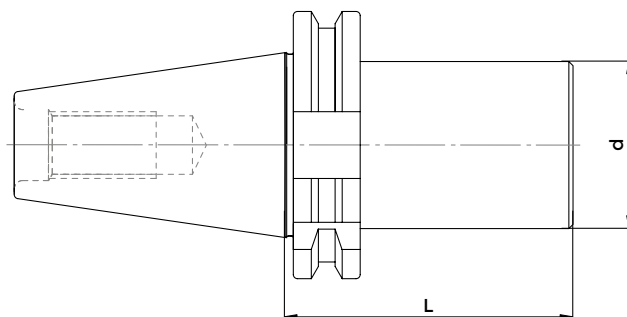


DIN 69871 A

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)
M5020	TC 40 - B. 1 FISSO	40	19	33	59	•	M 3 ÷ M 12 (*18)
M5040	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
217-41204	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
217-41206	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
217-41207	TC 50 - D. 80 ST	50	80	160
8573	TC 50 - D. 80 ST	50	80	200
217-41209	TC 50 - D. 80 ST	50	80	300