

MTEC

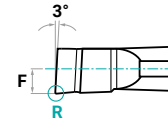
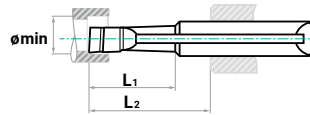
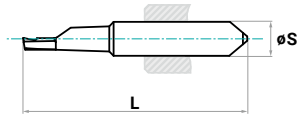
Boring tool, $\gamma = 6-12^\circ$



ULTRA-SHARP



P **M** **N*** **S** **O** *Brass with lead: use MTEN
Brass without lead: use MTEP, MTEF



ϕ_{min}	ϕS	L	L ₁	L ₂	F	γ	R			Ref. N°	Rotation		Coating			
							Δ	Δ	Δ		R	L	K10	TiAlN	DLC	SPEC
1.0	4	26	3	10	0.50	6°	0			MTEC 410030	●	●	●	●	○	○
1.0	4	26	3	10	0.50	6°		0.02 × 45°		MTEC 41003	●	●	●	●	○	○
1.0	4	26	5	10	0.50	6°	0			MTEC 410050	●	●	●	●	○	○
1.0	4	26	5	10	0.50	6°		0.02 × 45°		MTEC 41005	●	●	●	●	○	○
1.2	4	31	4	15	0.60	12°	0			MTEC 412040	●	●	●	●	○	○
1.2	4	31	4	15	0.60	12°		0.02 × 45°		MTEC 41204	●	●	●	●	○	○
1.2	4	31	7	15	0.60	12°	0			MTEC 412070	●	●	●	●	○	○
1.2	4	31	7	15	0.60	12°		0.02 × 45°		MTEC 41207	●	●	●	●	○	○
1.5	4	31	5	15	0.75	12°	0			MTEC 415050	●	●	●	●	○	○
1.5	4	31	5	15	0.75	12°		0.02 × 45°		MTEC 41505	●	●	●	●	○	○
1.5	4	31	8	15	0.75	12°	0			MTEC 415080	●	●	●	●	○	○
1.5	4	31	8	15	0.75	12°		0.02 × 45°		MTEC 41508	●	●	●	●	○	○
1.8	4	31	5	15	0.90	12°	0			MTEC 418050	●	●	●	●	○	○
1.8	4	31	5	15	0.90	12°		0.03 × 45°		MTEC 41805	●	●	●	●	○	○
1.8	4	31	9	15	0.90	12°	0			MTEC 418090	●	●	●	●	○	○
1.8	4	31	9	15	0.90	12°		0.03 × 45°		MTEC 41809	●	●	●	●	○	○
1.8	4	31	14	15	0.90	12°	0			MTEC 418140	●	●	●	●	○	○
1.8	4	31	14	15	0.90	12°		0.03 × 45°		MTEC 41814	●	●	●	●	○	○
2.2	4	31	6	15	1.10	12°	0			MTEC 422060	●	●	●	●	○	○
2.2	4	31	6	15	1.10	12°			R0.05	MTEC 42206	●	●	●	●	○	○
2.2	4	31	10	15	1.10	12°	0			MTEC 422100	●	●	●	●	○	○
2.2	4	31	10	15	1.10	12°			R0.05	MTEC 42210	●	●	●	●	○	○
2.2	4	31	14	15	1.10	12°	0			MTEC 422140	●	●	●	●	○	○
2.2	4	31	14	15	1.10	12°			R0.05	MTEC 42214	●	●	●	●	○	○
2.5	4	31	6	15	1.25	12°	0			MTEC 425060	●	●	●	●	○	○
2.5	4	31	6	15	1.25	12°			R0.05	MTEC 42506	●	●	●	●	○	○
2.5	4	31	10	15	1.25	12°	0			MTEC 425100	●	●	●	●	○	○
2.5	4	31	10	15	1.25	12°			R0.05	MTEC 42510	●	●	●	●	○	○
2.5	4	31	14	15	1.25	12°	0			MTEC 425140	●	●	●	●	○	○
2.5	4	31	14	15	1.25	12°			R0.05	MTEC 42514	●	●	●	●	○	○
3.2	4	31	8	15	1.60	12°	0			MTEC 432080	●	●	●	●	○	○
3.2	4	31	8	15	1.60	12°			R0.05	MTEC 432085	●	●	●	●	○	○
3.2	4	31	8	15	1.60	12°			R0.08	MTEC 43208	●	●	●	●	○	○
3.2	4	31	12	15	1.60	12°	0			MTEC 432120	●	●	●	●	○	○
3.2	4	31	12	15	1.60	12°			R0.05	MTEC 432125	●	●	●	●	○	○
3.2	4	31	12	15	1.60	12°			R0.08	MTEC 43212	●	●	●	●	○	○
3.2	4	36	17	20	1.60	12°	0			MTEC 432170	●	●	●	●	○	○

Dimensions in mm

ømin	øS	L	L ₁	L ₂	F	γ	R			Ref. N°	Rotation		Coating				
							△	△	△		R	L	K10	TIAIN	DLC	SPEC	
3.2	4	36	17	20	1.60	12°				R0.05	MTEC 432175	●	●	●	●	○	○
3.2	4	36	17	20	1.60	12°				R0.08	MTEC 43217	●	●	●	●	○	○
4.0	4	31	10	15	1.95	12°	0				MTEC 440100	●	●	●	●	○	○
4.0	4	31	10	15	1.95	12°				R0.05	MTEC 440105	●	●	●	●	○	○
4.0	4	31	10	15	1.95	12°				R0.12	MTEC 44010	●	●	●	●	○	○
4.0	4	31	14	15	1.95	12°	0				MTEC 440140	●	●	●	●	○	○
4.0	4	31	14	15	1.95	12°				R0.05	MTEC 440145	●	●	●	●	○	○
4.0	4	31	14	15	1.95	12°				R0.12	MTEC 44014	●	●	●	●	○	○
4.0	4	36	19	20	1.95	12°	0				MTEC 440190	●	●	●	●	○	○
4.0	4	36	19	20	1.95	12°				R0.05	MTEC 440195	●	●	●	●	○	○
4.0	4	36	19	20	1.95	12°				R0.12	MTEC 44019	●	●	●	●	○	○
4.0	6	48	25	29	1.95	12°	0				MTEC 640250	●	●	●	●	○	○
4.0	6	48	25	29	1.95	12°				R0.05	MTEC 640255	●	●	●	●	○	○
4.0	6	48	25	29	1.95	12°				R0.12	MTEC 64025	●	●	●	●	○	○
4.0	6	53	30	34	1.95	12°	0				MTEC 640300	●	●	●	●	○	○
4.0	6	53	30	34	1.95	12°				R0.05	MTEC 640305	●	●	●	●	○	○
4.0	6	53	30	34	1.95	12°				R0.12	MTEC 64030	●	●	●	●	○	○
5.0	6	35	12	16	2.50	12°				R0.05	MTEC 650125	●	●	●	●	○	○
5.0	6	35	12	16	2.50	12°				R0.15	MTEC 65012	●	●	●	●	○	○
5.0	6	43	17	24	2.50	12°				R0.05	MTEC 650175	●	●	●	●	○	○
5.0	6	43	17	24	2.50	12°				R0.15	MTEC 65017	●	●	●	●	○	○
5.0	6	48	25	29	2.50	12°				R0.05	MTEC 650255	●	●	●	●	○	○
5.0	6	48	25	29	2.50	12°				R0.15	MTEC 65025	●	●	●	●	○	○
5.0	6	53	32	34	2.50	12°				R0.05	MTEC 650325	●	●	●	●	○	○
5.0	6	53	32	34	2.50	12°				R0.15	MTEC 65032	●	●	●	●	○	○
5.0	6	61	40	42	2.50	12°				R0.05	MTEC 650405	●	●	●	●	○	○
5.0	6	61	40	42	2.50	12°				R0.15	MTEC 65040	●	●	●	●	○	○
6.0	6	35	12	16	2.95	12°				R0.05	MTEC 660125	●	●	●	●	○	○
6.0	6	35	12	16	2.95	12°				R0.20	MTEC 66012	●	●	●	●	○	○
6.0	6	43	20	24	2.95	12°				R0.05	MTEC 660205	●	●	●	●	○	○
6.0	6	43	20	24	2.95	12°				R0.20	MTEC 66020	●	●	●	●	○	○
6.0	6	53	30	34	2.95	12°				R0.05	MTEC 660305	●	●	●	●	○	○
6.0	6	53	30	34	2.95	12°				R0.20	MTEC 66030	●	●	●	●	○	○
6.0	6	61	40	42	2.95	12°				R0.05	MTEC 660405	●	●	●	●	○	○
6.0	6	61	40	42	2.95	12°				R0.20	MTEC 66040	●	●	●	●	○	○
6.0	6	71	50	52	2.95	12°				R0.05	MTEC 660505	●	●	●	●	○	○
6.0	6	71	50	52	2.95	12°				R0.20	MTEC 66050	●	●	●	●	○	○

Dimensions in mm

Full catalog available online

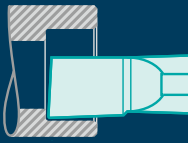
Download the full Ifanger Swiss-Micro Turn catalog using the QR code or web address.



● Ifanger Stock Items

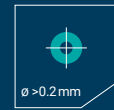
○ Available Upon Request

alouettetool.com/micro-i-d-boring-bars/

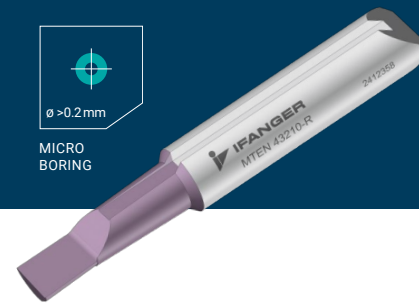


MTEN

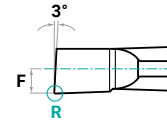
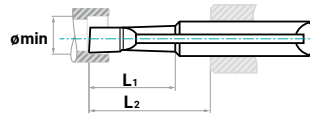
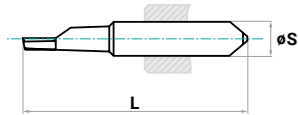
Boring tool neutral, $\gamma = 0^\circ$



MICRO
BORING



P **M** **K** **N*** **S** **O** *Brass with lead: use MTEN
Brass without lead: use MTEP, MTEF

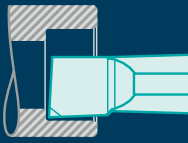


ϕmin	ϕS	L	L ₁	L ₂	F	γ	R			Ref. N°	Rotation		Coating			
							Δ	Δ	Δ		R	L	K10	TiAlN	DLC	SPEC
0.2	4	20	0.3	10	0.10	0°	0			MTEN 402010	●	●	●	●	○	○
0.3	4	26	0.4	10	0.15	0°	0			MTEN 403010	●	●	●	●	○	○
0.4	4	26	0.5	10	0.20	0°	0			MTEN 404010	●	●	●	●	○	○
0.5	4	26	0.6	10	0.25	0°	0			MTEN 405010	●	●	●	●	○	○
0.5	4	26	1.5	10	0.25	0°	0			MTEN 405020	●	●	●	●	○	○
0.7	4	26	0.8	10	0.35	0°	0			MTEN 407010	●	●	●	●	○	○
0.7	4	26	2.0	10	0.35	0°	0			MTEN 407020	●	●	●	●	○	○
0.7	4	26	2.0	10	0.35	0°	0	0.02 × 45°		MTEN 40702	●	●	●	●	○	○
1.0	4	26	1.2	10	0.50	0°	0			MTEN 410020	●	●	●	●	○	○
1.0	4	26	3.0	10	0.50	0°	0			MTEN 410030	●	●	●	●	○	○
1.0	4	26	3.0	10	0.50	0°	0	0.02 × 45°		MTEN 41003	●	●	●	●	○	○
1.0	4	26	5.0	10	0.50	0°	0			MTEN 410050	●	●	●	●	○	○
1.0	4	26	5.0	10	0.50	0°	0	0.02 × 45°		MTEN 41005	●	●	●	●	○	○
1.2	4	26	2.0	10	0.60	0°	0			MTEN 412020	●	●	●	●	○	○
1.2	4	31	4.0	15	0.60	0°	0			MTEN 412040	●	●	●	●	○	○
1.2	4	31	4.0	15	0.60	0°	0	0.02 × 45°		MTEN 41204	●	●	●	●	○	○
1.2	4	31	7.0	15	0.60	0°	0			MTEN 412070	●	●	●	●	○	○
1.2	4	31	7.0	15	0.60	0°	0	0.02 × 45°		MTEN 41207	●	●	●	●	○	○
1.5	4	26	3.0	10	0.75	0°	0			MTEN 415030	●	●	●	●	○	○
1.5	4	31	5.0	15	0.75	0°	0			MTEN 415050	●	●	●	●	○	○
1.5	4	31	5.0	15	0.75	0°	0	0.02 × 45°		MTEN 41505	●	●	●	●	○	○
1.5	4	31	8.0	15	0.75	0°	0			MTEN 415080	●	●	●	●	○	○
1.5	4	31	8.0	15	0.75	0°	0	0.02 × 45°		MTEN 41508	●	●	●	●	○	○
1.8	4	26	4.0	10	0.90	0°	0			MTEN 418040	●	●	●	●	○	○
1.8	4	31	5.0	15	0.90	0°	0			MTEN 418050	●	●	●	●	○	○
1.8	4	31	5.0	15	0.90	0°	0	0.03 × 45°		MTEN 41805	●	●	●	●	○	○
1.8	4	31	9.0	15	0.90	0°	0			MTEN 418090	●	●	●	●	○	○
1.8	4	31	9.0	15	0.90	0°	0	0.03 × 45°		MTEN 41809	●	●	●	●	○	○
1.8	4	31	14.0	15	0.90	0°	0			MTEN 418140	●	●	●	●	○	○
1.8	4	31	14.0	15	0.90	0°	0	0.03 × 45°		MTEN 41814	●	●	●	●	○	○
2.2	4	31	6.0	15	1.10	0°	0			MTEN 422060	●	●	●	●	○	○
2.2	4	31	6.0	15	1.10	0°		R0.05		MTEN 42206	●	●	●	●	○	○
2.2	4	31	10.0	15	1.10	0°	0			MTEN 422100	●	●	●	●	○	○
2.2	4	31	10.0	15	1.10	0°		R0.05		MTEN 42210	●	●	●	●	○	○
2.2	4	31	14.0	15	1.10	0°	0			MTEN 422140	●	●	●	●	○	○
2.2	4	31	14.0	15	1.10	0°		R0.05		MTEN 42214	●	●	●	●	○	○
2.5	4	31	6.0	15	1.25	0°	0			MTEN 425060	●	●	●	●	○	○

Dimensions in mm

ømin	øS	L	L ₁	L ₂	F	γ	R			Ref. N°	Rotation		Coating				
							△	△	△		R	L	K10	TIAIN	DLC	SPEC	
2.5	4	31	6.0	15	1.25	0°				R0.05	MTEN 42506	●	●	●	●	○	○
2.5	4	31	10.0	15	1.25	0°	0				MTEN 425100	●	●	●	●	○	○
2.5	4	31	10.0	15	1.25	0°				R0.05	MTEN 42510	●	●	●	●	○	○
2.5	4	31	14.0	15	1.25	0°	0				MTEN 425140	●	●	●	●	○	○
2.5	4	31	14.0	15	1.25	0°				R0.05	MTEN 42514	●	●	●	●	○	○
3.2	4	31	8.0	15	1.60	0°	0				MTEN 432080	●	●	●	●	○	○
3.2	4	31	8.0	15	1.60	0°				R0.05	MTEN 432085	●	●	●	●	○	○
3.2	4	31	8.0	15	1.60	0°				R0.08	MTEN 43208	●	●	●	●	○	○
3.2	4	31	12.0	15	1.60	0°	0				MTEN 432120	●	●	●	●	○	○
3.2	4	31	12.0	15	1.60	0°				R0.05	MTEN 432125	●	●	●	●	○	○
3.2	4	31	12.0	15	1.60	0°				R0.08	MTEN 43212	●	●	●	●	○	○
3.2	4	36	17.0	20	1.60	0°	0				MTEN 432170	●	●	●	●	○	○
3.2	4	36	17.0	20	1.60	0°				R0.05	MTEN 432175	●	●	●	●	○	○
3.2	4	36	17.0	20	1.60	0°				R0.08	MTEN 43217	●	●	●	●	○	○
4.0	4	31	10.0	15	1.95	0°	0				MTEN 440100	●	●	●	●	○	○
4.0	4	31	10.0	15	1.95	0°				R0.05	MTEN 440105	●	●	●	●	○	○
4.0	4	31	10.0	15	1.95	0°				R0.12	MTEN 44010	●	●	●	●	○	○
4.0	4	31	14.0	15	1.95	0°	0				MTEN 440140	●	●	●	●	○	○
4.0	4	31	14.0	15	1.95	0°				R0.05	MTEN 440145	●	●	●	●	○	○
4.0	4	31	14.0	15	1.95	0°				R0.12	MTEN 44014	●	●	●	●	○	○
4.0	4	36	19.0	20	1.95	0°	0				MTEN 440190	●	●	●	●	○	○
4.0	4	36	19.0	20	1.95	0°				R0.05	MTEN 440195	●	●	●	●	○	○
4.0	4	36	19.0	20	1.95	0°				R0.12	MTEN 44019	●	●	●	●	○	○
4.0	6	48	25.0	29	1.95	0°	0				MTEN 640250	●	●	●	●	○	○
4.0	6	48	25.0	29	1.95	0°				R0.05	MTEN 640255	●	●	●	●	○	○
4.0	6	48	25.0	29	1.95	0°				R0.12	MTEN 64025	●	●	●	●	○	○
4.0	6	53	30.0	34	1.95	0°	0				MTEN 640300	●	●	●	●	○	○
4.0	6	53	30.0	34	1.95	0°				R0.05	MTEN 640305	●	●	●	●	○	○
4.0	6	53	30.0	34	1.95	0°				R0.12	MTEN 64030	●	●	●	●	○	○
5.0	6	35	12.0	16	2.50	0°				R0.05	MTEN 650125	●	●	●	●	○	○
5.0	6	35	12.0	16	2.50	0°				R0.15	MTEN 65012	●	●	●	●	○	○
5.0	6	43	17.0	24	2.50	0°				R0.05	MTEN 650175	●	●	●	●	○	○
5.0	6	43	17.0	24	2.50	0°				R0.15	MTEN 65017	●	●	●	●	○	○
5.0	6	48	25.0	29	2.50	0°				R0.05	MTEN 650255	●	●	●	●	○	○
5.0	6	48	25.0	29	2.50	0°				R0.15	MTEN 65025	●	●	●	●	○	○
5.0	6	53	32.0	34	2.50	0°				R0.05	MTEN 650325	●	●	●	●	○	○
5.0	6	53	32.0	34	2.50	0°				R0.15	MTEN 65032	●	●	●	●	○	○
5.0	6	61	40.0	42	2.50	0°				R0.05	MTEN 650405	●	●	●	●	○	○
5.0	6	61	40.0	42	2.50	0°				R0.15	MTEN 65040	●	●	●	●	○	○
6.0	6	35	12.0	16	2.95	0°				R0.05	MTEN 660125	●	●	●	●	○	○
6.0	6	35	12.0	16	2.95	0°				R0.20	MTEN 66012	●	●	●	●	○	○
6.0	6	43	20.0	24	2.95	0°				R0.05	MTEN 660205	●	●	●	●	○	○
6.0	6	43	20.0	24	2.95	0°				R0.20	MTEN 66020	●	●	●	●	○	○
6.0	6	53	30.0	34	2.95	0°				R0.05	MTEN 660305	●	●	●	●	○	○
6.0	6	53	30.0	34	2.95	0°				R0.20	MTEN 66030	●	●	●	●	○	○
6.0	6	61	40.0	42	2.95	0°				R0.05	MTEN 660405	●	●	●	●	○	○
6.0	6	61	40.0	42	2.95	0°				R0.20	MTEN 66040	●	●	●	●	○	○
6.0	6	71	50.0	52	2.95	0°				R0.05	MTEN 660505	●	●	●	●	○	○
6.0	6	71	50.0	52	2.95	0°				R0.20	MTEN 66050	●	●	●	●	○	○

Dimensions in mm

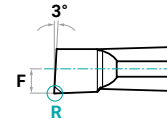
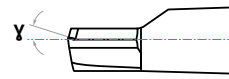
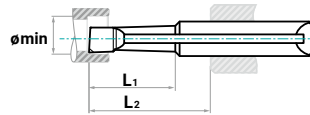
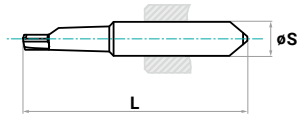


MTEF

Boring tool, $\gamma = 12^\circ$
Chip Control finishing
For long-chipping materials



P **M** **N*** **S** *Brass with lead: use MTEN
Brass without lead: use MTEP, MTEF



ømin	øS	L	L ₁	L ₂	F	γ	R			Ref. N°	Rotation		Coating				
							△	△	△		R	L	K10	TiAlN	DLC	SPEC	
1.0	4	26	1.2	10	0.50	12°	0				MTEF 410020	●	○	●	●	●	○
1.0	4	26	3	10	0.50	12°	0				MTEF 410030	●	○	●	●	●	○
1.0	4	26	5	10	0.50	12°	0				MTEF 410050	●	○	●	●	●	○
1.2	4	26	2	10	0.60	12°	0				MTEF 412020	●	○	●	●	●	○
1.2	4	31	4	15	0.60	12°	0				MTEF 412040	●	○	●	●	●	○
1.2	4	31	7	15	0.60	12°	0				MTEF 412070	●	○	●	●	●	○
1.5	4	26	3	10	0.75	12°	0				MTEF 415030	●	○	●	●	●	○
1.5	4	31	5	15	0.75	12°	0				MTEF 415050	●	○	●	●	●	○
1.5	4	31	8	15	0.75	12°	0				MTEF 415080	●	○	●	●	●	○
1.8	4	26	4	10	0.90	12°	0				MTEF 418040	●	○	●	●	●	○
1.8	4	31	5	15	0.90	12°	0				MTEF 418050	●	○	●	●	●	○
1.8	4	31	9	15	0.90	12°	0				MTEF 418090	●	○	●	●	●	○
2.2	4	31	6	15	1.10	12°	0				MTEF 422060	●	○	●	●	●	○
2.2	4	31	10	15	1.10	12°	0				MTEF 422100	●	○	●	●	●	○
2.2	4	31	14	15	1.10	12°	0				MTEF 422140	●	○	●	●	●	○
2.5	4	31	6	15	1.25	12°		0.02 × 45°			MTEF 425062	●	○	●	●	●	○
2.5	4	31	10	15	1.25	12°		0.02 × 45°			MTEF 425102	●	○	●	●	●	○
2.5	4	31	14	15	1.25	12°		0.02 × 45°			MTEF 425142	●	○	●	●	●	○
3.2	4	31	8	15	1.60	12°		0.02 × 45°			MTEF 432082	●	○	●	●	●	○
3.2	4	31	12	15	1.60	12°		0.02 × 45°			MTEF 432122	●	○	●	●	●	○
3.2	4	36	17	20	1.60	12°		0.02 × 45°			MTEF 432172	●	○	●	●	●	○
4.0	4	31	10	15	1.95	12°		0.02 × 45°			MTEF 440102	●	○	●	●	●	○
4.0	4	31	14	15	1.95	12°		0.02 × 45°			MTEF 440142	●	○	●	●	●	○
4.0	4	36	19	20	1.95	12°		0.02 × 45°			MTEF 440192	●	○	●	●	●	○
5.0	6	35	12	16	2.50	12°		0.02 × 45°			MTEF 650122	●	○	●	●	●	○
5.0	6	43	17	24	2.50	12°		0.02 × 45°			MTEF 650172	●	○	●	●	●	○
5.0	6	48	25	29	2.50	12°		0.02 × 45°			MTEF 650252	●	○	●	●	●	○
6.0	6	35	12	16	2.95	12°		0.02 × 45°			MTEF 660122	●	○	●	●	●	○
6.0	6	43	20	24	2.95	12°		0.02 × 45°			MTEF 660202	●	○	●	●	●	○
6.0	6	53	30	34	2.95	12°		0.02 × 45°			MTEF 660302	●	○	●	●	●	○

Dimensions in mm

Full catalog available online

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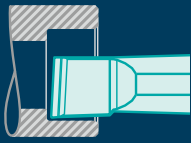


Example order number: MTEF 410020-R-TiAlN

● Ifanger Stock Items

○ Available Upon Request

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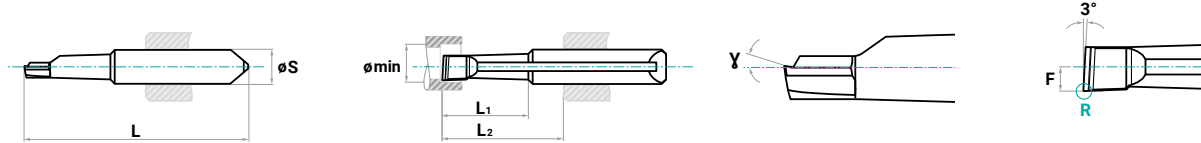


MTEP

Boring tool, $\gamma = 12^\circ$
Chip Control
For long-chipping materials



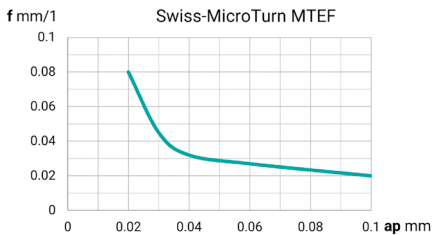
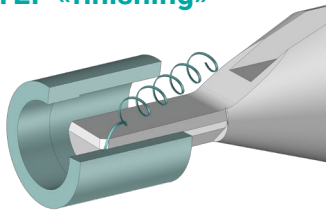
P **M** **N*** **S** *Brass with lead: use MTEN
Brass without lead: use MTEP, MTEF



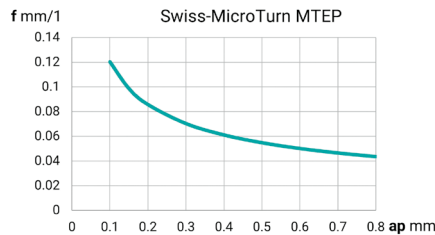
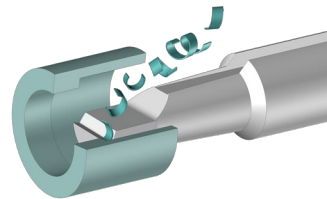
ømin	øS	L	L ₁	L ₂	F	γ	R			Ref. N°	Rotation		Coating			
							△	△	△		R	L	K10	TiAIN	DLC	SPEC
2.5	4	31	6	15	1.25	12°			R0.05	MTEP 425065	●	○	●	●	●	○
2.5	4	31	10	15	1.25	12°			R0.05	MTEP 425105	●	○	●	●	●	○
2.5	4	31	14	15	1.25	12°			R0.05	MTEP 425145	●	○	●	●	●	○
3.2	4	31	8	15	1.60	12°			R0.05	MTEP 432085	●	○	●	●	●	○
3.2	4	31	12	15	1.60	12°			R0.05	MTEP 432125	●	○	●	●	●	○
3.2	4	36	17	20	1.60	12°			R0.05	MTEP 432175	●	○	●	●	●	○
4.0	4	31	10	15	1.95	12°			R0.05	MTEP 440105	●	○	●	●	●	○
4.0	4	31	14	15	1.95	12°			R0.05	MTEP 440145	●	○	●	●	●	○
4.0	4	36	19	20	1.95	12°			R0.05	MTEP 440195	●	○	●	●	●	○
5.0	6	35	12	16	2.50	12°			R0.05	MTEP 650125	●	○	●	●	●	○
5.0	6	43	17	24	2.50	12°			R0.05	MTEP 650175	●	○	●	●	●	○
5.0	6	48	25	29	2.50	12°			R0.05	MTEP 650255	●	○	●	●	●	○
6.0	6	35	12	16	2.95	12°			R0.05	MTEP 660125	●	○	●	●	●	○
6.0	6	43	20	24	2.95	12°			R0.05	MTEP 660205	●	○	●	●	●	○
6.0	6	53	30	34	2.95	12°			R0.05	MTEP 660305	●	○	●	●	●	○

Dimensions in mm

MTEF «finishing»



MTEP



ifanger.com/chipbreaker

For optimum chip formation, take the values for feed (f_c) and cutting depth (a_p) from the curve.

The maximum cutting depth (a_p) for MTEF is 0.15 mm.

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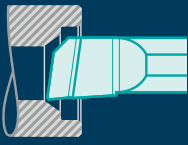
Example order number: MTEP 425065-R-TiAIN

● Ifanger Stock Items

○ Available Upon Request

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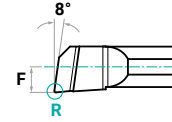
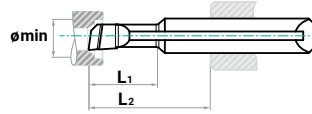
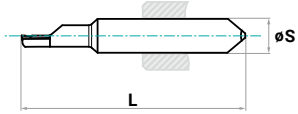


MTEE

Boring tool released, $\gamma = 8^\circ$



P M N S O



ϕ_{min}	ϕS	L	L_1	L_2	F	γ	R			Ref. N°	Rotation		Coating			
							Δ	Δ	Δ		R	L	K10	TiAlN	DLC	SPEC
1.8	4	31	5.0	15	0.95	8°			R0.05	MTEE 41805	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.3	4	31	7.0	15	1.20	8°			R0.08	MTEE 42307	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.8	4	31	8.5	15	1.45	8°			R0.10	MTEE 42808	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.3	4	31	10.5	15	1.70	8°			R0.10	MTEE 43310	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.8	4	31	12.5	15	1.95	8°			R0.10	MTEE 43812	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
4.7	6	43	16.0	24	2.45	8°			R0.15	MTEE 64716	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.7	6	43	19.5	24	2.95	8°			R0.15	MTEE 65719	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Dimensions in mm

Full catalog available online

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Example order number: MTEE 41805-R-TiAlN

Ifanger Stock Items

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