

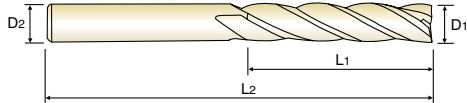
PLAIN SHANK SEME72 SERIES

CARBIDE, 4 FLUTE LONG LENGTH

- VOLLHARTMETALL, 4 SCHNEIDEN LANG
- 🇮🇹 Fraise carbure, 4 dents, longue
- 🇮🇹 MD, 4 TAGLIENTI, SPIGOLO VIVO, SERIE LUNGA

- ▶ New coating and tool geometry applied resulting outstanding cutting abilities and wear resistance.
- ▶ Excellent for cutting prehardened steels, carbon steels, alloy steels of molds and dies, up to HRC55 and machine parts.
- ▶ Available in short, regular and long shank end mills.

- ▶ Aufgrund einer neuartigen Beschichtung und neuer Werkzeuggeometrien hervorragende Schnittleistung und Verschleißfestigkeit
- ▶ Hervorragende Leistung bei der Zerspaltung von vorvergüteten Stählen bis HRC55, welche im Werkzeug- und Formenbau Verwendung finden.
- ▶ Erhältlich in verschiebenen Schneiden- und Gesamtlängen.



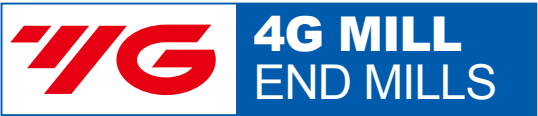
CARBIDE	4	30°	PLAIN	Coating	p.C314-319	Recommended ToolHolder	Flat Shank		Plain Shank	
							END MILL HOLDER	Page	HYDRAULIC CHUCK SHRINK FIT HOLDER	Page
◎	◎	◎	◎	◎	◎	◎	-	-	POWER MILLING CHUCK	D161-176
○	○	○	○	○	○	○	-	-	ER COLLET CHUCK SK SLIM CHUCK	D73-116 D183-201

EDP No.	Mill Diameter		Shank Diameter		Length of Cut		Overall Length
	D1	D2	D2	D1	L1	L2	
★ SEME7205040E	5.0	6	6	5.0	40	100	
★ SEME7206015E	6.0	6	6	6.0	15	60	
★ SEME7206015080E	6.0	6	6	6.0	15	80	
★ SEME7206020E	6.0	6	6	6.0	20	70	
★ SEME7206020090E	6.0	6	6	6.0	20	90	
★ SEME7206025E	6.0	6	6	6.0	25	75	
★ SEME7206030E	6.0	6	6	6.0	30	80	
★ SEME7206030100E	6.0	6	6	6.0	30	100	
★ SEME7206030150E	6.0	6	6	6.0	30	150	
★ SEME7206035E	6.0	6	6	6.0	35	90	
★ SEME7206040E	6.0	6	6	6.0	40	90	
★ SEME7206040120E	6.0	6	6	6.0	40	120	
★ SEME7206045E	6.0	6	6	6.0	45	150	
★ SEME7208025E	8.0	8	8	8.0	25	80	
★ SEME7208030E	8.0	8	8	8.0	30	80	
★ SEME7208030100E	8.0	8	8	8.0	30	100	
★ SEME7208035E	8.0	8	8	8.0	35	90	
★ SEME7208040E	8.0	8	8	8.0	40	90	
★ SEME7208040120E	8.0	8	8	8.0	40	120	
★ SEME7208040150E	8.0	8	8	8.0	40	150	
★ SEME7208045E	8.0	8	8	8.0	45	100	
★ SEME7208050E	8.0	8	8	8.0	50	100	
★ SEME7208050150E	8.0	8	8	8.0	50	150	
★ SEME7210030E	10.0	10	10	10.0	30	80	

★ : Stock Item ▶ NEXT PAGE

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0 ~ - 0.03	h5

ISO	P										M					K				
	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel					Stainless steel				
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HRC	125	13	25	28	32	10	29	32	38	15	23	15	23	10	10	26	3	25		21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommend	○	○	◎	◎	◎	○	◎	◎	◎	○	◎	○	○	○	○	○	○	○	○	○
ISO	N										S					H				
	Aluminum-wrought alloy					Aluminum-cast, alloyed					Copper and Copper Alloys (Bronze / Brass)					Non Metallic Materials				
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
HRC	60	100	75	90	130	110	90	100			15	30	25	38	34	400 Rm	1050 Rm	550	630	400
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400
Recommend	○	○	◎	◎	◎	○	◎	◎	○	○	○	○	○	○	○	○	○	○	○	○



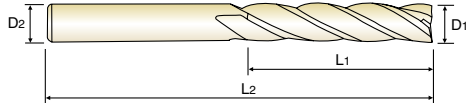
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CARBIDE	4	30°	PLAIN	Coating	p.C314-319	Recommended ToolHolder	Flat Shank		Plain Shank	
							END MILL HOLDER	Page	HYDRAULIC CHUCK SHRINK FIT HOLDER	Page
◎	◎	◎	◎	◎	◎	◎	-	-	POWER MILLING CHUCK	D161-176
○	○	○	○	○	○	○	-	-	ER COLLET CHUCK SK SLIM CHUCK	D73-116 D183-201

EDP No.	Mill Diameter		Shank Diameter		Length of Cut		Overall Length
	D1	D2	D2	D1	L1	L2	
★ SEME7210030100E	10.0	10	10	10.0	30	100	
★ SEME7210035E	10.0	10	10	10.0	35	90	
★ SEME7210040E	10.0	10	10	10.0	40	90	
★ SEME7210040120E	10.0	10	10	10.0	40	120	
★ SEME7210045E	10.0	10	10	10.0	45	100	
★ SEME7210050E	10.0	10	10	10.0	50	100	
★ SEME7210050150E	10.0	10	10	10.0	50	150	
★ SEME7210050200E	10.0	10	10	10.0	50	200	
★ SEME7210055E	10.0	10	10	10.0	55	150	
★ SEME7210060E	10.0	10	10	10.0	60	110	
★ SEME7210060200E	10.0	10	10	10.0	60	200	
★ SEME7212035E	12.0	12	12	12.0	35	90	
★ SEME7212040E	12.0	12	12	12.0	40	100	
★ SEME7212040120E	12.0	12	12	12.0	40	120	
★ SEME7212045E	12.0	12	12	12.0	45	130	
★ SEME7212050E	12.0	12	12	12.0	50	100	
★ SEME7212050150E	12.0	12	12	12.0	50	150	
★ SEME7212055E	12.0	12	12	12.0	55	110	
★ SEME7212060E	12.0	12	12	12.0	60	110	
★ SEME7212060150E	12.0	12	12	12.0	60	150	
★ SEME7212060200E	12.0	12	12	12.0	60	200	
★ SEME7212065E	12.0	12	12	12.0	65	150	
★ SEME7212070E	12.0	12	12	12.0	70	120	
★ SEME7212070200E	12.0	12	12	12.0	70	200	

★ : Stock Item ▶ NEXT PAGE

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0 ~ - 0.03	h5

ISO	P										M					K				
	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel					Stainless steel				
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HRC	125	13	25	28	32	10	29	32	38	15	23	15	23	10	10	26	3	25		21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommend	○	○	◎	◎	◎	○	◎	◎	◎	○	◎	○	○	○	○	○	○	○	○	○
ISO	N										S					H				
	Aluminum-wrought alloy					Aluminum-cast, alloyed					Copper and Copper Alloys (Bronze / Brass)					Non Metallic Materials				
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
HRC	60	100	75	90	130	110	90	100			15	30	25	38	34	400 Rm	1050 Rm	550	630	400
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400
Recommend	○	○	◎	◎	◎	○	◎	◎	○	○	○	○	○	○	○	○	○	○	○	○



4G MILL
END MILLS

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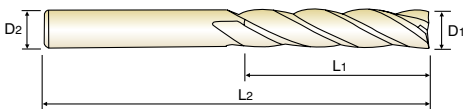
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▶ Erhältlich in verschiebenen Schneiden- und Gesamtlängen.



CARBIDE

4

30°

PLAIN

Coating

p.C314-319

Recommended ToolHolder

	Flat Shank	Page	Plain Shank	Page
END MILL HOLDER	D118 - 137		HYDRAULIC CHUCK SHRINK FIT HOLDER	D15 - 46 D47 - 72
	-	-	POWER MILLING CHUCK	D161 - 176
	-	-	ER COLLET CHUCK SK SLIM CHUCK	D73 - 116 D183 - 201

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
	D1	D2	L1	L2
★ SEME7214050E	14.0	16	50	110
★ SEME7214060E	14.0	16	60	150
SEME7216040E	16.0	16	40	150
★ SEME7216050E	16.0	16	50	110
SEME7216050150E	16.0	16	50	150
★ SEME7216060E	16.0	16	60	120
★ SEME7216070E	16.0	16	70	130
★ SEME7216070150E	16.0	16	70	150
SEME7216070200E	16.0	16	70	200
SEME7216080E	16.0	16	80	150
SEME7216090E	16.0	16	90	150
SEME72160110E	16.0	16	110	200
SEME72160120E	16.0	16	120	250
SEME7218050E	18.0	20	50	120
SEME7218070E	18.0	20	70	130
SEME72180100E	18.0	20	100	200
★ SEME7220050E	20.0	20	50	110
SEME7220050150E	20.0	20	50	150
★ SEME7220060E	20.0	20	60	130
★ SEME7220070E	20.0	20	70	130
SEME7220080E	20.0	20	80	150
★ SEME7220090E	20.0	20	90	150
★ SEME7220090200E	20.0	20	90	200
SEME72200110E	20.0	20	110	200

★ : Stock Item ▶ NEXT PAGE

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0 ~ - 0.03	h5

ISO	P										M				K						◎ : Excellent ○ : Good			
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron					
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
HRC		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21				
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230				
Recommend	○	○	◎	◎	◎	○	◎	◎	◎	○	◎				○	○	○	○	○	○				
ISO	N										S						H							
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys				Titanium Alloys		Hardened steel		Chilled Cast Iron		Hardened Cast Iron			
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41			
HRC											15	30	25	38	34	36		55	60	42	55			
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550			
Recommend																		○		◎	○			



4G MILL
END MILLS

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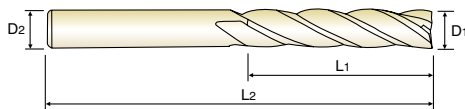
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CARBIDE

4

30°

PLAIN

Coating

p.C314-319

Recommended ToolHolder

	Flat Shank	Page	Plain Shank	Page
END MILL HOLDER	D118 - 137		HYDRAULIC CHUCK SHRINK FIT HOLDER	D15 - 46 D47 - 72
	-	-	POWER MILLING CHUCK	D161 - 176
	-	-	ER COLLET CHUCK SK SLIM CHUCK	D73 - 116 D183 - 201

EDP No.	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
	D1	D2	L1	L2
★ SEME72200120E	20.0	20	120	250
SEME7222075E	22.0	20	75	150
SEME72220110E	22.0	20	110	200
SEME7225070E	25.0	25	70	150
★ SEME7225090E	25.0	25	90	150
SEME72250110E	25.0	25	110	200
SEME72250120E	25.0	25	120	250

★ : Stock Item

Mill Dia. Tolerance (mm)	Shank Dia. Tolerance
0 ~ - 0.03	h5

ISO	P											M			K					
Material Description	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HRC		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommend	○	○	◎	◎	◎	○	◎	◎	◎	○	◎				○	○	○	○	○	○
ISO	N										S						H			
Material Description	Aluminum-wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys				Titanium Alloys		Hardened steel	Chilled Cast Iron	Hardened Cast Iron	
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
HRC											15	30	25	34	34			55	60	42
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400
Recommend																		○	◎	○