

- 2.1. INDEXABLE MILLING TOOLS
- 2.2. PCD TOOLS
- 2.3. SOLID CARBIDE END MILLS



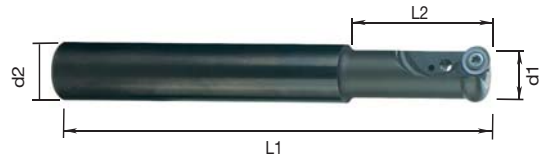
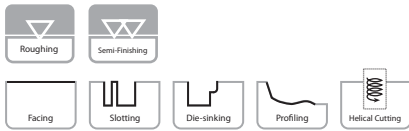
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Frezite Metal Division

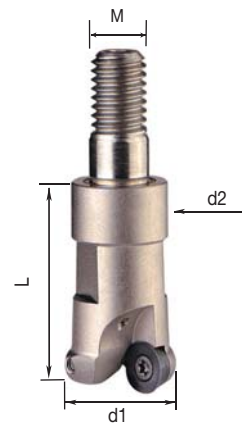
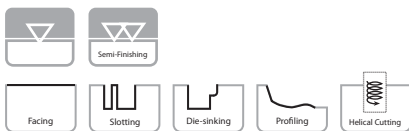


Art. 9300 CYLINDRICAL MILLING CUTTERS FOR ROUND INSERTS

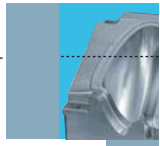


Art. N°	Ød1	Ød2	R	L1	L2	Z	Inserts		
9300.0120	12	12	3.5	110	40	2	RDHW 07 T1 MOT	9399.0052	9399.0065
9300.0160	16	16	3.5	120	40	2	RDHW 07 02 MOT	9399.0051	9399.0065
9300.0200	20	20	3.5	130	50	3	RDHW 07 02 MOT	9399.0051	9399.0065

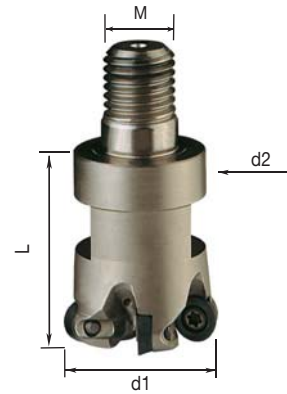
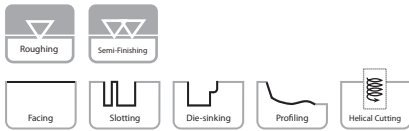
Art. 9301 SCREW TYPE MILLING CUTTERS FOR ROUND INSERTS



Art. N°	Ød1	Ød2	R	L	M	Z	Inserts		
9301.0120	12	10	3.5	28	6	2	RDHW 07 T1 MOT	9399.0052	9399.0065
9301.0160	16	13.5	3.5	28	8	2	RDHW 07 02 MOT	9399.0051	9399.0065
9301.0200	20	18	3.5	28	10	3	RDHW 07 02 MOT	9399.0051	9399.0065

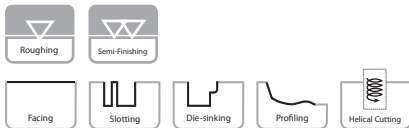


Art. 9302 SCREW TYPE MILLING CUTTERS FOR ROUND INSERTS



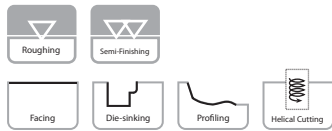
Art. N°	Ød1	Ød2	R	L	M	Z	Inserts			
9302.0200	20	18	5	28	10	2	RD... 10 03 MOT	9399.0053	-----	9399.007
9302.0240	24	21	6	32	12	2	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9302.0250	25	21	5	32	12	3	RD... 10 03 MOT	9399.0053	-----	9399.007
9302.0300	30	29	5	42	16	4	RD... 10 03 MOT	9399.0053	-----	9399.007
9302.0350	35	29	5	42	16	4	RD... 10 03 MOT	9399.0053	-----	9399.007
9302.1350	35	29	6	42	16	3	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9302.0420	42	29	6	42	16	4	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007



Art. 9303 SCREW TYPE MILLING CUTTERS FOR ROUND INSERTS WITH AXIAL ANGLE



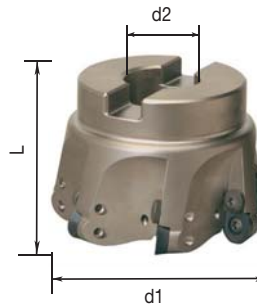
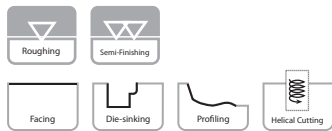
Art. N°	Ød1	Ød2	R	L	M	Z	Inserts		
9303.0160	16	13.5	3.5	28	8	2	RDHW 07 02 MOT	9399.0051	9399.0065
9303.0200	20	18	3.5	28	10	4	RDHW 07 02 MOT	9399.0051	9399.0065
9303.0250	25	21	5	32	12	3	RD... 10 03 MOT	9399.0053	9399.0068
9303.0300	30	29	5	42	16	4	RD... 10 03 MOT	9399.0053	9399.0068
9303.0350	35	29	3.5	42	16	6	RDHW 07 02 MOT	9399.0051	9399.0065
9303.1350	35	29	5	42	16	4	RD... 10 03 MOT	9399.0053	9399.0068
9303.0420	42	29	5	42	16	5	RD... 10 03 MOT	9399.0053	9399.0068




Art. 9304 MILLING CUTTERS FOR ROUND INSERTS



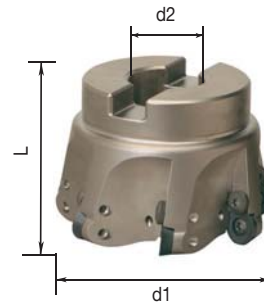
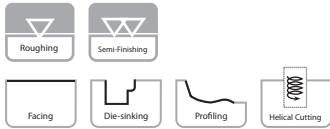
Art. N°	Ød1	Ød2	R	L	Z	Inserts		
9304.0420	42	16	5	44	6	RD... 10 03 MOT	9399.0053	9399.0068
9304.0520	52	22	5	44	7	RD... 10 03 MOT	9399.0053	9399.0068




Art. 9305 MILLING CUTTERS FOR ROUND INSERTS



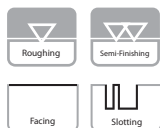
Art. N°	Ød1	Ød2	R	L	Z	Inserts			
9305.0520	52	22	6	50	5	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9305.1520	52	22	8	50	5	RD... 16 04 MOT	9399.0054	9399.0063	9399.007
9305.0660	66	27	6	50	6	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9305.1660	66	27	8	50	5	RD... 16 04 MOT	9399.0054	9399.0063	9399.007
9305.0800	80	27	6	50	7	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9305.1800	80	27	8	52	6	RD... 16 04 MOT	9399.0054	9399.0063	9399.007



Art. 9306 MILLING CUTTERS FOR ROUND INSERTS WITH AXIAL ANGLE



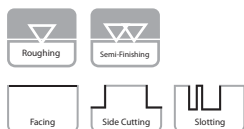
Art. N°	Ød1	Ød2	R	L	Z	Inserts			
9306.0520	52	22	6	50	5	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9306.1520	52	22	8	50	4	RD... 16 04 MOT	9399.0054	9399.0063	9399.007
9306.0660	66	27	6	50	6	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9306.1660	66	27	8	50	5	RD... 16 04 MOT	9399.0054	9399.0063	9399.007
9306.0800	80	27	6	50	7	RD... 12 T3 MOT	9399.0053	9399.0062	9399.007
9306.1800	80	27	8	52	6	RD... 16 04 MOT	9399.0054	9399.0063	9399.007
9306.1000	100	32	10	52	6	RDMT 20 06 MOT	9399.0054	9399.0063	9399.007
9306.1250	125	27	8	52	8	RD... 16 04 MOT	9399.0054	9399.0063	9399.007
9306.1600	160	27	8	52	9	RD... 16 04 MOT	9399.0054	9399.0063	9399.007



Art. 9307 CYLINDRICAL SQUARE SHOULDER MILLING CUTTERS



Art. N°	Ød1	Ød2	L1	L2	Z	Inserts		
9307.0100	10	10	120	30	1	APKT 10 03	9399.0055	9399.0066
9307.0120	12	12	140	30	1	APKT 10 03	9399.0055	9399.0066
9307.0160	16	16	160	40	2	APKT 10 03	9399.0055	9399.0066
9307.0200	20	20	180	40	3	APKT 10 03	9399.0055	9399.0066

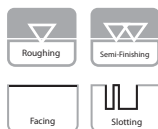
Art. 9308 CYLINDRICAL SQUARE SHOULDER MILLING CUTTERS





Art. N°	Ød1	Ød2	L1	L2	Z	Inserts		
9308.0100	10	10	120	30	1	AOKT 11 T3	9399.0055	9399.0066
9308.0120	12	12	140	30	1	AOKT 11 T3	9399.0055	9399.0066
9308.0160	16	16	160	40	2	AOKT 11 T3	9399.0055	9399.0066
9308.0200	20	20	180	40	3	AOKT 11 T3	9399.0055	9399.0066

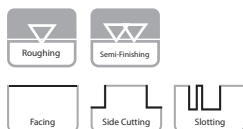




Art. 9309 SCREW TYPE SQUARE SHOULDER MILLING CUTTERS



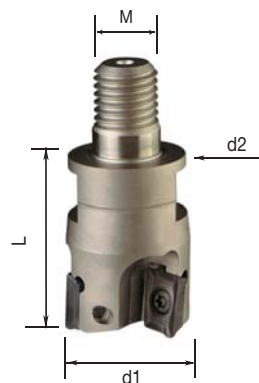
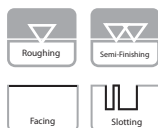
Art. N°	Ød1	Ød2	L	M	Z	Inserts		
9309.0160	16	13.5	25	8	2	APKT 10 03	9399.0055	9399.0066
9309.0200	20	18	30	10	3	APKT 10 03	9399.0055	9399.0066
9309.0250	25	21	35	12	4	APKT 10 03	9399.0055	9399.0066



Art. 9310 SCREW TYPE SQUARE SHOULDER MILLING CUTTERS



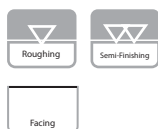
Art. N°	Ød1	Ød2	L	M	Z	Inserts		
9310.0160	16	13.5	25	8	2	AOKT 11 T3	9399.0055	9399.0066
9310.0200	20	18	30	10	3	AOKT 11 T3	9399.0055	9399.0066
9310.0250	25	21	35	12	4	AOKT 11 T3	9399.0055	9399.0066



Art. 9311 SCREW TYPE SQUARE SHOULDER MILLING CUTTERS



Art. N°	Ød1	Ød2	L	M	Z	Inserts		
9311.0250	25	21	35	12	2	ADKT 15 05	9399.0061	9399.0068
9311.0320	32	29	43	16	3	ADKT 15 05	9399.0061	9399.0068
9311.0400	40	29	43	16	4	ADKT 15 05	9399.0061	9399.0068

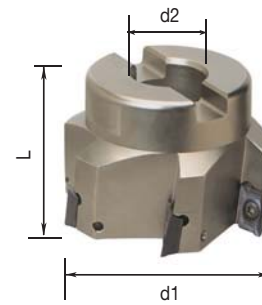
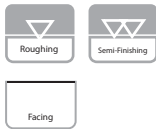
Art. 9312 SQUARE SHOULDER MILLING CUTTERS



Art. N°	Ød1	Ød2	L	Z	Inserts		
9312.0320	32	16	32	5	APKT 10 03	9399.0055	9399.0066
9312.0400	40	22	40	6	APKT 10 03	9399.0055	9399.0066
9312.0500	50	22	40	7	APKT 10 03	9399.0055	9399.0066
9312.0630	63	22	40	8	APKT 10 03	9399.0055	9399.0066

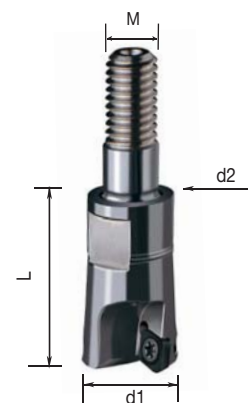
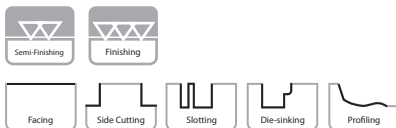


Art. 9313 SQUARE SHOULDER MILLING CUTTERS



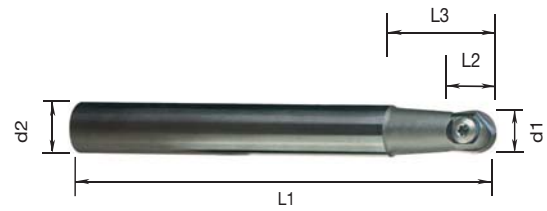
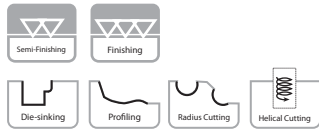
Art. N°	Ød1	Ød2	L	Z	Inserts		
9313.0520	52	22	50	5	ADKT 15 05	9399.0061	9399.0066
9313.0660	66	27	50	6	ADKT 15 05	9399.0061	9399.0066
9313.0800	80	27	50	6	ADKT 15 05	9399.0061	9399.0066
9313.1000	100	32	50	8	ADKT 15 05	9399.0061	9399.0066



Art. 9314 SCREW TYPE SQUARE SHOULDER MILLING CUTTERS



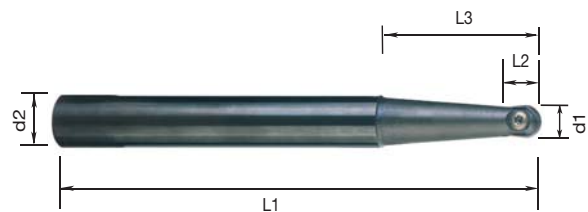
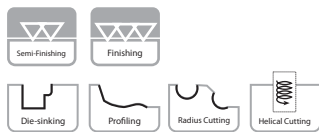
Art. N°	Ød1	Ød2	L	M	Z	Inserts			
9314.0100	10	10	20	6	2	XDHW 04 01 10	9399.0050	----	9399.006
9314.0120	12	10	20	6	2	XDHW 04 01 10	9399.0050	----	9399.006
9314.0160	16	13.6	23	8	2	XDHW 06 02 10	9399.0051	----	9399.007
9314.0200	20	18	30	10	3	XDHW 06 02 10	9399.0051	----	9399.007
9314.0250	25	21	35	12	3	XDHW 06 02 10	9399.0051	----	9399.007
9314.1250	25	21	35	12	2	XDHW 10 T3 10	9399.0053	9399.0062	9399.007
9314.0350	35	29	43	16	3	XDHW 10 T3 10	9399.0053	9399.0062	9399.007
9314.0420	42	29	43	16	4	XDHW 10 T3 10	9399.0053	9399.0062	9399.007



Art. 9315 BALL NOSE END MILLS

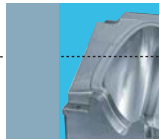


Art. N°	Ød1	Ød2	L1	L2	L3	–	Inserts		
9315.0080	8	12	100	10	22	9.5°	WPZ 08	9399.0056	9399.0065
9315.0100	10	12	100	13	25	5°	WPZ 10	9399.0057	9399.0066
9315.0120	12	12	110	15	30	0°	WPZ 12	9399.0058	9399.0067
9315.0160	16	20	130	19	50	2.5°	WPZ 16	9399.0059	9399.0068
9315.0200	20	25	140	22	60	2.5°	WPZ 20	9399.0060	9399.0069

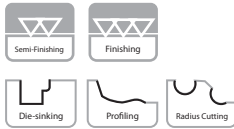
Art. 9316 BALL NOSE END MILLS




Art. N°	Ød1	Ød2	L1	L2	L3	–	Inserts		
9316.0080	8	12	130	10	50	3°	WPZ 08	9399.0056	9399.0065
9316.0100	10	16	150	13	50	5°	WPZ 10	9399.0057	9399.0066
9316.0120	12	16	160	20	60	3°	WPZ 12	9399.0058	9399.0067
9316.0160	16	20	160	19	65	2°	WPZ 16	9399.0059	9399.0068
9316.0200	20	25	180	22	80	2°	WPZ 20	9399.0060	9399.0069
9316.1200	20	20	220	22	120	0°	WPZ 20	9399.0060	9399.0069
9316.2200	20	20	250	22	150	0°	WPZ 20	9399.0060	9399.0069

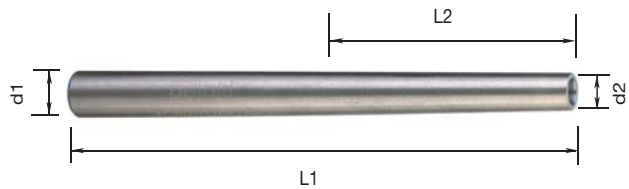


Art. 9317 SCREW TYPE BALL NOSE END MILLS



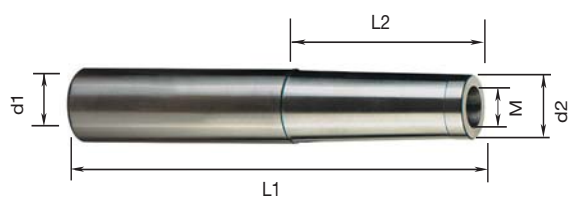
Art. N°	Ød1	Ød2	L	M	Inserts		
9317.0080	8	9.8	23	6	WPZ 08 FRE01M	9399.0056	9399.0065
9317.0100	10	9.8	23	6	WPZ 10 FRE01M	9399.0057	9399.0066
9317.0120	12	9.8	23	6	WPZ 12 FRE01M	9399.0058	9399.0067
9317.0160	16	13.6	28	8	WPZ 16 FRE01M	9399.0059	9399.0068
9317.0200	20	18	28	10	WPZ 20 FRE01M	9399.0060	9399.0069

Art. 9318 ANTI-VIBRATING EXTENSIONS



Art. N°	Ød1	Ød2	L1	L2	M
9318.0120	12	9.8	90	40	6
9318.1120	12	9.8	110	60	6
9318.2120	12	9.8	130	80	6
9318.0160	16	12.8	95	40	8
9318.1160	16	12.8	115	60	8
9318.2160	16	12.8	135	80	8
9318.3160	16	12.8	155	100	8
9318.4160	16	12.8	175	120	8
9318.0200	20	15.8	100	40	10
9318.1200	20	15.8	120	60	10
9318.2200	20	15.8	140	80	10
9318.3200	20	15.8	160	100	10
9318.3200	20	15.8	180	120	10
9318.4200	20	17.8	140	80	10
9318.5200	20	17.8	160	100	10
9318.6200	20	17.8	180	120	10
9318.0250	25	20.8	125	60	12
9318.1250	25	20.8	145	80	12
9318.2250	25	20.8	165	100	12

Art. 9319 STEEL EXTENSIONS

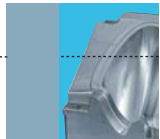


Art. N°	Ød1	Ød2	L1	L2	M
9319.0120	12	9.8	65	20	6
9319.0160	16	12.8	88	40	8
9319.0200	20	17.8	95	45	10
9319.0250	25	20.8	106	50	12
9319.0320	32	28.8	110	50	16

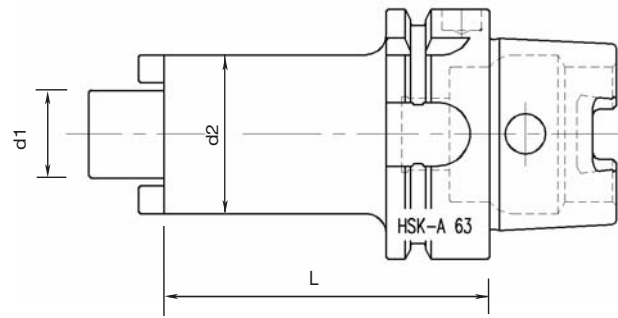
Art. 9320 STEEL EXTENSIONS



Art. N°	Ød	L	M
9320.0138	13.8	40	8
9320.0180	18	60	10
9320.0210	21	60	12
9320.0290	29	60	16

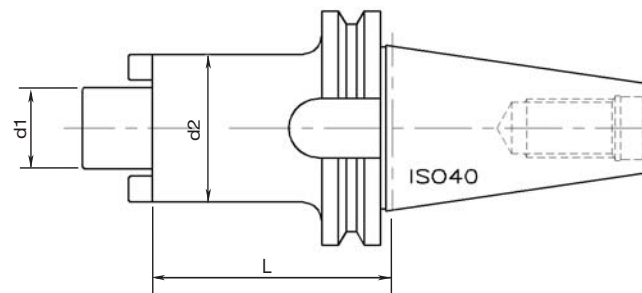


Art. 9800 SHELL MILL ADAPTOR HSK63-A



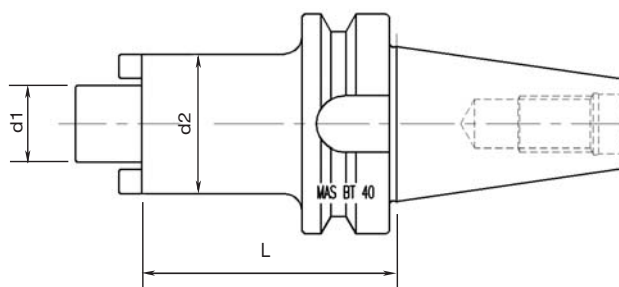
Art. N°	Ød1	Ød2	L	Arbor
9800.0160	16	32	50	HSK63A
9800.1160	16	32	150	HSK63A
9800.2160	16	32	250	HSK63A
9800.3160	16	32	350	HSK63A
9800.0220	22	40	50	HSK63A
9800.1220	22	40	150	HSK63A
9800.2220	22	40	250	HSK63A
9800.3220	22	40	350	HSK63A
9800.0270	27	48	50	HSK63A
9800.1270	27	48	150	HSK63A
9800.2270	27	48	250	HSK63A
9800.3270	27	48	350	HSK63A
9800.0320	32	58	50	HSK63A
9800.1320	32	58	150	HSK63A
9800.2320	32	58	250	HSK63A
9800.3320	32	58	350	HSK63A

Art. 9801 SHELL MILL ADAPTOR ISO 40



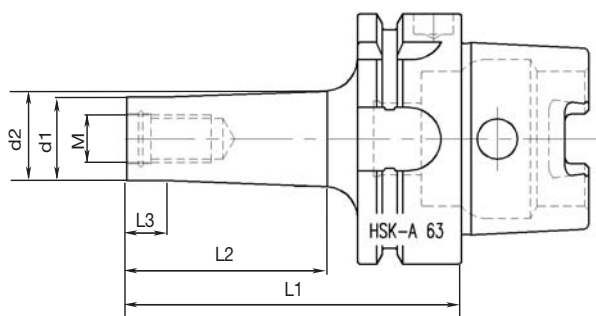
Art. N°	Ød1	Ød2	L	Arbor
9801.0160	16	32	50	SK40
9801.1160	16	32	150	SK40
9801.2160	16	32	250	SK40
9801.3160	16	32	350	SK40
9801.0220	22	40	50	SK40
9801.1220	22	40	150	SK40
9801.2220	22	40	250	SK40
9801.3220	22	40	350	SK40
9801.0270	27	48	50	SK40
9801.1270	27	48	150	SK40
9801.2270	27	48	250	SK40
9801.3270	27	48	350	SK40
9801.0320	32	58	50	SK40
9801.1320	32	58	150	SK40
9801.2320	32	58	250	SK40
9801.3320	32	58	350	SK40

Art. 9802 SHELL MILL ADAPTOR BT 40



Art. N°	Ød1	Ød2	L	Arbor
9802.0160	16	32	50	BT40
9802.1160	16	32	150	BT40
9802.2160	16	32	250	BT40
9802.3160	16	32	350	BT40
9802.0220	22	40	50	BT40
9802.1220	22	40	150	BT40
9802.2220	22	40	250	BT40
9802.3220	22	40	350	BT40
9802.0270	27	48	50	BT40
9802.1270	27	48	150	BT40
9802.2270	27	48	250	BT40
9802.3270	27	48	350	BT40
9802.0320	32	58	50	BT40
9802.1320	32	58	150	BT40
9802.2320	32	58	250	BT40
9802.3320	32	58	350	BT40

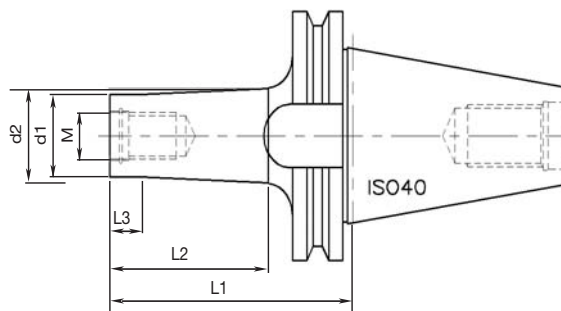
Art. 9803 SHELL MILL ADAPTOR HSK63-A



Art. N°	M	Ød1	Ød2	L1	L2	L3	Arbor
9803.0060	6	9.7	10	59	25	25	HSK63A
9803.1060	6	9.7	20	84	50	10	HSK63A
9803.2060	6	9.7	30	109	75	10	HSK63A
9803.0080	8	13	15	59	25	10	HSK63A
9803.1080	8	13	23	84	50	10	HSK63A
9803.2080	8	13	23	109	75	10	HSK63A
9803.3080	8	13	25	134	100	10	HSK63A
9803.0100	10	18	20	59	25	10	HSK63A
9803.1100	10	18	25	84	50	10	HSK63A
9803.2100	10	18	28	109	75	10	HSK63A
9803.3100	10	18	30	134	100	10	HSK63A
9803.0120	12	21	24	59	25	10	HSK63A
9803.1120	12	21	24	84	50	10	HSK63A
9803.2120	12	21	31	109	75	10	HSK63A
9803.3120	12	21	31	134	100	10	HSK63A
9803.0160	16	29	34	59	25	10	HSK63A
9803.1160	16	29	34	84	50	10	HSK63A
9803.2160	16	29	34	109	75	10	HSK63A
9803.3160	16	29	39	134	100	10	HSK63A

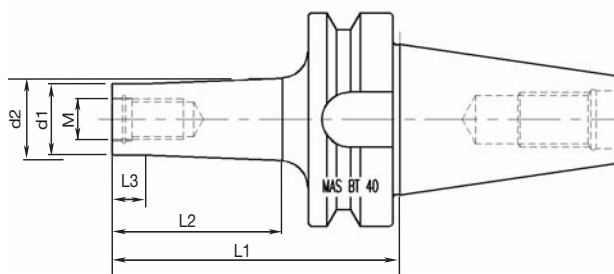


Art. 9804 SHELL MILL ADAPTOR ISO 40



Art. N°	M	Ød1	Ød2	L1	L2	L3	Arbor
9804.0060	6	9.7	13	65	30	10	SK40
9804.1060	6	9.7	20	85	50	10	SK40
9804.2060	6	9.7	23	105	70	10	SK40
9804.0080	8	13	15	65	30	10	SK40
9804.1080	8	13	23	85	50	10	SK40
9804.2080	8	13	23	105	70	10	SK40
9804.0100	10	18	20	65	30	10	SK40
9804.1100	10	18	25	85	50	10	SK40
9804.2100	10	18	28	105	70	10	SK40
9804.0120	12	21	24	65	30	10	SK40
9804.1120	12	21	24	85	50	10	SK40
9804.2120	12	21	31	105	70	10	SK40
9804.3120	12	21	31	125	90	10	SK40
9804.0160	16	29	29	65	30	10	SK40
9804.1160	16	29	34	85	50	10	SK40
9804.2160	16	29	34	105	70	10	SK40
9804.3160	16	29	39	125	90	10	SK40

Art. 9805 SHELL MILL ADAPTOR BT 40



Art. N°	M	Ød1	Ød2	L1	L2	L3	Arbor
9805.0060	6	9.7	13	65	30	10	BT40
9805.1060	6	9.7	20	85	50	10	BT40
9805.2060	6	9.7	23	105	70	10	BT40
9805.0080	8	13	15	65	30	10	BT40
9805.1080	8	13	23	85	50	10	BT40
9805.2080	8	13	23	105	70	10	BT40
9805.0100	10	18	20	65	30	10	BT40
9805.1100	10	18	25	85	50	10	BT40
9805.2100	10	18	28	105	70	10	BT40
9805.0120	12	21	24	65	30	10	BT40
9805.1120	12	21	24	85	50	10	BT40
9805.2120	12	21	31	105	70	10	BT40
9805.3120	12	21	31	125	90	10	BT40
9805.0160	16	29	29	65	30	10	BT40
9805.1160	16	29	34	85	50	10	BT40
9805.2160	16	29	34	105	70	10	BT40
9805.3160	16	29	39	125	90	10	BT40

Art.9700 INSERTS



Art. N°.	ISO Code	FRE01M	FRE10M	FRE25M	FRE25M-A	FRE35M-A	R	s
9700.010	RDHW 07 T1 MOT	•	•				3.5	1.99
9700.020	RDHW 07 02 MOT	•	•	•			3.5	2.38
9700.030	RDMW 10 03 MOT	•	•		•	•	5	3.18
9700.040	RDHW 10 03 MOT	•	•		•	•	5	3.18
9700.050	RDMT 10 03 MOT	•	•		•	•	5	3.18
9700.060	RDHT 10 03 MOT	•	•		•	•	5	3.18
9700.070	RDMW 12 T3 MOT	•	•		•	•	6	3.97
9700.080	RDHW 12 T3 MOT	•	•		•	•	6	3.97
9700.090	RDMT 12 T3 MOT	•	•		•	•	6	3.97
9700.100	RDHT 12 T3 MOT	•	•		•	•	6	3.97
9700.110	RDMW 16 04 MOT		•		•	•	8	3.97
9700.120	RDHW 16 04 MOT	•	•		•	•	8	3.97
9700.130	RDMT 16 04 MOT		•		•	•	8	3.97
9700.140	RDHT 16 04 MOT		•		•	•	8	3.97

Art.9701 INSERTS



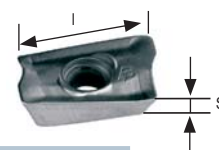
Art. N°.	ISO Code	FRE01M	FRE10M	FRE25M	I	s
9701.0100	XDHW 04 01 10	•	•		4	1.59
9701.0200	XDHW 06 02 10	•	•	•	6.5	2.38
9701.0300	XDHW 10 T3 10	•	•		10	3.97

Art.9702 INSERTS

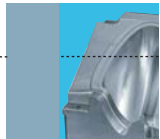


Art. N°.	ISO Code	FRE01M	r
9702.0100	WPZ 08	•	4
9702.0200	WPZ 10	•	5
9702.0300	WPZ 12	•	6
9702.0400	WPZ 16	•	8
9702.0500	WPZ 20	•	10

Art.9703 INSERTS



Art. N°.	ISO Code	FRE10M	FRE25M-A	FRE35M	I	s	R
9703.0100	APKT 10 03 PDR	•	•	•	10	3.18	
9703.0200	APKT 10 03 08	•	•	•	10	3.18	8
9703.0300	APKT 10 03 10	•	•	•	10	3.18	10
9703.0400	AOKT 11 T3 08		•		11	3.97	8
9703.0500	ADKT 15 05 PDR		•	•	15	5.56	



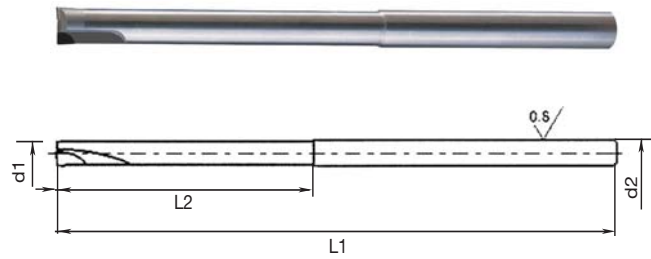
Art. 9540 PCD MILLING CUTTER FOR GRAPHITE MILLING

Product details:

- 1/2 Flutes, corner radius

Application:

- Specially for moulding industry



Art. N°.	Ø d1	Ø d2	L1	L2	Z	R
9540.1030	3	4	65	30	1	0.3
9540.1040	4	4	75	33	2	0.3
9540.1060	6	6	100	40	2	0.3
9540.2060	6	6	100	40	2	0.5
9540.1080	8	8	125	50	2	0.3
9540.2080	8	8	125	50	2	0.5
9540.1100	10	10	150	50	2	0.5
9540.1120	12	12	150	50	2	0.5

Art.9210 SOLID CARBIDE END MILLS - SHORT

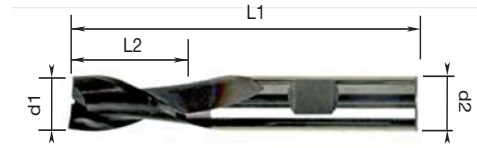


Product details:

- Centre cutting
- DIN 6527 short
- TiAlN- Coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9210.0020	2.0	3	38	3	2
9210.0030	3.0	3	38	4	2
9210.0040	4.0	6	54	5	2
9210.0050	5.0	6	54	6	2
9210.0060	6.0	6	54	7	2
9210.0080	8.0	8	58	9	2
9210.0100	10.0	10	66	11	2
9210.0120	12.0	12	73	12	2
9210.0140	14.0	14	75	14	2
9210.0160	16.0	16	82	16	2
9210.0180	18.0	18	84	18	2
9210.0200	20.0	20	92	20	2

Art.9212 SOLID CARBIDE END MILLS - LONG

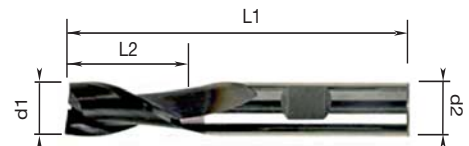


Product details:

- Centre cutting
- DIN 6527 long
- TiAlN- Coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9212.0020	2.0	3	38	6	2
9212.0025	2.5	3	38	6	2
9212.0030	3.0	3	38	7	2
9212.0035	3.5	6	57	8	2
9212.0040	4.0	6	57	8	2
9212.0045	4.5	6	57	10	2
9212.0050	5.0	6	57	10	2
9212.0055	5.5	6	57	10	2
9212.0060	6.0	6	57	10	2
9212.0070	7.0	8	63	16	2
9212.0080	8.0	8	63	16	2
9212.0100	10.0	10	72	19	2
9212.0120	12.0	12	83	22	2
9212.0140	14.0	14	83	22	2
9212.0160	16.0	16	92	26	2
9212.0180	18.0	18	92	26	2
9212.0200	20.0	20	104	32	2



Art. 9214 SOLID CARBIDE END MILLS - SUPER LONG

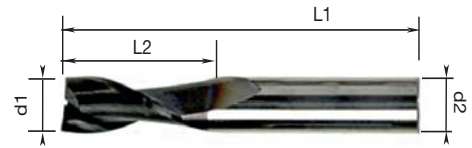


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material
- Specially for Moulding Industry



Art. N°.	Ø d1	Ø d2	L1	L2	Z	Corner-radius
9214.0060	6.0	6	200	25	2	0.3
9214.0080	8.0	8	200	25	2	0.3
9214.0100	10.0	10	200	50	2	0.3
9214.0120	12.0	12	200	50	2	0.4
9214.0160	16.0	16	220	65	2	0.4
9214.0200	20.0	20	250	65	2	0.4

Art. 9216 SOLID CARBIDE END MILLS - SUPER LONG

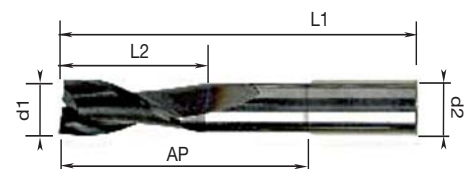


Product Details:

- Centre cutting
- Shank clearance
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material
- Especially for tool and mold maker



Art. N°.	Ø d1	Ø d2	AP	L1	L2	Z	Corner-radius
9216.0060	6.0	6	120	200	25	2	0.3
9216.0080	8.0	8	120	200	25	2	0.3
9216.0100	10.0	10	120	200	50	2	0.3
9216.0120	12.0	12	120	200	50	2	0.4
9216.0160	16.0	16	150	220	65	2	0.4
9216.0200	20.0	20	150	250	65	2	0.4

Art.9218 SOLID CARBIDE END MILLS - LONG

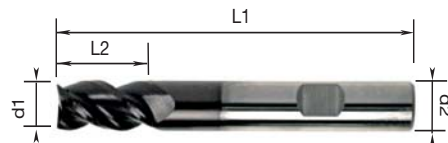


Product Details:

- Centre cutting
- TiAlN - coated
- With corner chamfer

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z	corner chamfer
9218.0020	2.0	6	57	8	3	0.05
9218.0030	3.0	6	57	14	3	0.05
9218.0040	4.0	6	57	18	3	0.10
9218.0050	5.0	6	57	20	3	0.10
9218.0060	6.0	6	57	22	3	0.10
9218.0080	8.0	8	63	30	3	0.15
9218.0100	10.0	10	72	33	3	0.15
9218.0120	12.0	12	83	34	3	0.20
9218.0160	16.0	16	92	38	3	0.20
9218.0200	20.0	20	104	37	3	0.30

Art.9220 SOLID CARBIDE END MILLS

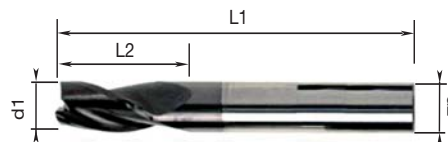


Product Details:

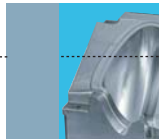
- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9220.0010	1.0	3	38	3	3
9220.0015	1.5	3	38	5	3
9220.0020	2.0	3	38	7	3
9220.0025	2.5	3	38	7	3
9220.0030	3.0	3	38	8	3
9220.0035	3.5	4	50	11	3
9220.0040	4.0	4	50	11	3
9220.0045	4.5	5	50	11	3
9220.0050	5.0	5	50	10	3
9220.0055	5.5	6	50	10	3
9220.0060	6.0	6	57	10	3
9220.0070	7.0	8	63	13	3
9220.0080	8.0	8	63	16	3
9220.0090	9.0	10	72	16	3
9220.0100	10.0	10	72	22	3
9220.0120	12.0	12	83	22	3
9220.0140	14.0	14	83	22	3
9220.0160	16.0	16	83	26	3
9220.0180	18.0	18	92	26	3
9220.0200	20.0	20	104	32	3



Art.9222 SOLID CARBIDE END MILLS

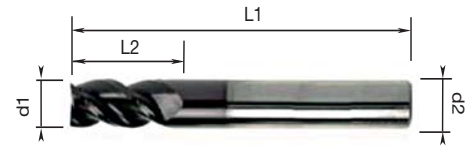


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9222.0030	3.0	6	57	7	3
9222.0035	3.5	6	57	8	3
9222.0040	4.0	6	57	8	3
9222.0045	4.5	6	57	10	3
9222.0050	5.0	6	57	10	3
9222.0055	5.5	6	57	10	3
9222.0060	6.0	6	57	10	3
9222.0070	7.0	8	63	16	3
9222.0080	8.0	8	63	19	3
9222.0090	9.0	10	72	19	3
9222.0100	10.0	10	72	19	3
9222.0120	12.0	12	83	22	3
9222.0140	14.0	14	83	22	3
9222.0160	16.0	16	92	26	3
9222.0180	18.0	18	92	26	3
9222.0200	20.0	20	104	32	3

Art.9224 SOLID CARBIDE END MILLS - EXTRA SHORT



Product Details:

- Centre cutting
- Special coating

Application:

- For universal use like high-tensile steel up to 60 HRC
- Also non-ferrous materials
- Specially developed for HSC and HHC dry-cutting
- Larger core diameter for minimum deflection



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9224.0010	1.0	6	50	3	3
9224.0020	2.0	6	50	4	3
9224.0030	3.0	6	50	5	3
9224.0040	4.0	6	50	7	3
9224.0050	5.0	6	50	8	3
9224.0060	6.0	6	50	8	3
9224.0070	7.0	8	57	11	3
9224.0080	8.0	8	57	11	3
9224.0090	9.0	10	63	15	3
9224.0100	10.0	10	63	15	3
9224.0120	12.0	12	72	21	3

Art. 9225 SOLID CARBIDE END MILLS - LONG



Product details:

- Centre cutting
- TiAlN - coated
- With corner chamfer

Application:

- Universal purpose for high tensile material
- Also for aluminium and non-ferrous materials



Art. N°.	Ø d1	Ø d2	L1	L2	Z	Corner of chamfer
9225.0020	2.0	6	57	8	4	0.05
9225.0030	3.0	6	57	14	4	0.05
9225.0040	4.0	6	57	18	4	0.10
9225.0050	5.0	6	57	20	4	0.10
9225.0060	6.0	6	57	22	4	0.10
9225.0080	8.0	8	63	30	4	0.15
9225.0100	10.0	10	72	33	4	0.15
9225.0120	12.0	12	83	34	4	0.20
9225.0160	16.0	16	92	38	4	0.20
9225.0200	20.0	20	104	47	4	0.30

Art. 9226 SOLID CARBIDE END MILLS - LONG

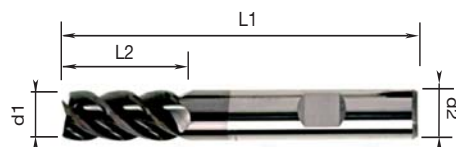


Product Details:

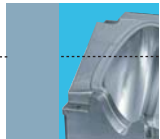
- Centre cutting
- DIN 6527 long
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous materials



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9226.0030	3.0	6	57	8	4
9226.0040	4.0	6	57	11	4
9226.0050	5.0	6	57	13	4
9226.0060	6.0	6	57	13	4
9226.0080	8.0	8	63	19	4
9226.0100	10.0	10	72	22	4
9226.0120	12.0	12	83	26	4
9226.0140	14.0	14	83	26	4
9226.0160	16.0	16	92	32	4
9226.0180	18.0	18	92	32	4
9226.0200	20.0	20	104	38	4



Art. 9228 SOLID CARBIDE END MILLS

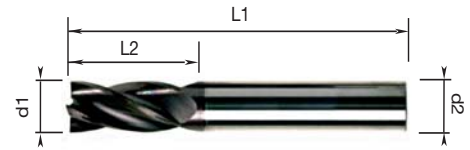


Product Details:

- Centre cutting
- TiAlN - coated

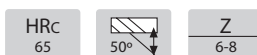
Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous materials



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9228.0010	1.0	3	38	3	4
9228.0015	1.5	3	38	5	4
9228.0020	2.0	3	38	7	4
9228.0025	2.5	3	38	7	4
9228.0030	3.0	3	38	8	4
9228.0035	3.5	4	50	11	4
9228.0040	4.0	4	50	11	4
9228.0045	4.5	5	50	11	4
9228.0050	5.0	5	50	10	4
9228.0055	5.5	6	57	10	4
9228.0060	6.0	6	57	10	4
9228.0070	7.0	8	63	13	4
9228.0080	8.0	8	63	16	4
9228.0090	9.0	10	72	16	4
9228.0100	10.0	10	72	19	4
9228.0120	12.0	12	83	22	4
9228.0140	14.0	14	83	22	4
9228.0160	16.0	16	83	26	4
9228.0180	18.0	18	92	26	4
9228.0200	20.0	20	104	32	4

Art. 9230 SOLID CARBIDE END MILLS - SHORT

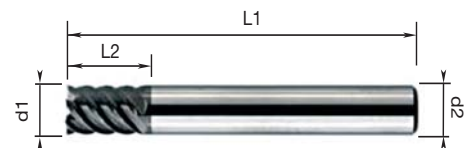


Product Details:

- TiAlN - coated

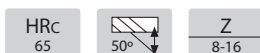
Application:

- Surface milling, Specialty finishing
- Achieves higher contour and profile accuracy of the workpiece and excellent surface finishing



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9230.0040	4.0	6	54	10	6
9230.0050	5.0	6	54	10	6
9230.0060	6.0	6	54	10	6
9230.0070	7.0	8	58	12	6
9230.0080	8.0	8	58	12	6
9230.0090	9.0	10	66	14	6
9230.0100	10.0	10	66	14	6
9230.0120	12.0	12	73	16	6
9230.0140	14.0	16	82	20	8
9230.0160	16.0	16	82	20	8
9230.0180	18.0	20	92	25	8
9230.0200	20.0	20	92	25	8

Art. 9232 SOLID CARBIDE END MILLS - EXTRA LONG

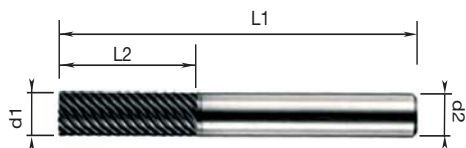


Product Details:

- TiAlN - coated
- With corner chamfer

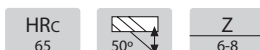
Application:

- Surface milling, Specially finishing
- Achieves higher contour and profile accuracy of the workpiece and polished surface finishing
- For universal application, Specially suited for high temperature machining, stainless steel, as well as for Die Casting and non-ferrous materials



Art. N°.	Ø d1	Ø d2	L1	L2	Z	corner chamfer
9232.0060	6.0	6	65	20	8	0.2
9232.0080	8.0	8	70	25	10	0.2
9232.0100	10.0	10	85	30	12	0.2
9232.0120	12.0	12	93	35	12	0.3
9232.0160	16.0	16	110	50	16	0.3
9232.0200	20.0	20	125	60	16	0.3

Art. 9234 SOLID CARBIDE END MILLS - LONG

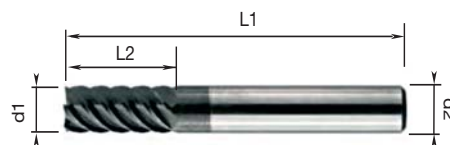


Product Details:

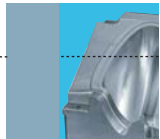
- TiAlN - coated
- With corner radius

Application:

- Surface milling, Specially finishing
- Achieves higher contour and profile accuracy of the workpiece and polished surface finishing
- For universal application, Specially suited for high temperature machining, stainless steel, as well as for Die Casting and non-ferrous materials



Art. N°.	Ø d1	Ø d2	L1	L2	Z	Corner-radius
9234.1060	6.0	6	57	13	6	0.5
9234.2060	6.0	6	57	13	6	1.0
9234.1080	8.0	8	63	19	6	0.5
9234.2080	8.0	8	63	19	6	1.0
9234.1100	10.0	10	72	22	6	0.5
9234.2100	10.0	10	72	22	6	1.0
9234.3100	10.0	10	72	22	6	1.5
9234.4100	10.0	10	72	22	6	2.0
9234.5100	10.0	10	72	22	6	2.5
9234.1120	12.0	12	83	26	6	0.5
9234.2120	12.0	12	83	26	6	1.0
9234.3120	12.0	12	83	26	6	1.5
9234.4120	12.0	12	83	26	6	2.0
9234.5120	12.0	12	83	26	6	2.5
9234.6120	12.0	12	83	26	6	3.0
9234.1160	16.0	16	92	32	8	0.5
9234.2160	16.0	16	92	32	8	1.0
9234.3160	16.0	16	92	32	8	1.5
9234.4160	16.0	16	92	32	8	2.0
9234.5160	16.0	16	92	32	8	2.5
9234.6160	16.0	16	92	32	8	3.0
9234.4200	20.0	20	104	38	8	2.0



Art.9235 SOLID CARBIDE END MILL 35/38° - SHORT

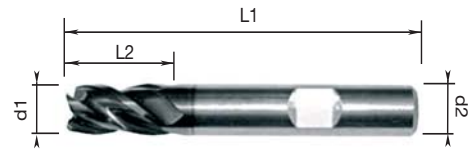


Product Details:

- Centre cutting
- Unequal helix angle
- TiAlN - coated

Application:

- One cutter type for roughing and finishing
- Cutter type double the feed rate applicable
- Extremely high performance due to two different helix angles



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9235.0060	6.0	6	54	10	4
9235.0080	8.0	8	58	12	4
9235.0100	10.0	10	66	14	4
9235.0120	12.0	12	73	16	4
9235.0140	14.0	14	75	18	4
9235.0160	16.0	16	82	22	4
9235.0180	18.0	18	84	24	4
9235.0200	20.0	20	92	26	4

Art.9236 SOLID CARBIDE END MILLS 35/38° - LONG

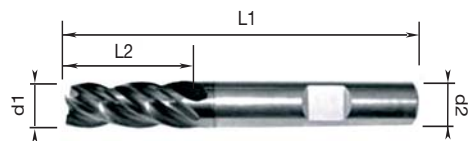


Product Details:

- Centre cutting
- Unequal helix angle
- TiAlN - coated

Application:

- One cutter typ for roughing and finishing
- Double the feed rate applicable to standard tools
- Extremely high performance due to two different helix angle



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9236.0060	6.0	6	57	13	4
9236.0080	8.0	8	63	19	4
9236.0100	10.0	10	72	22	4
9236.0120	12.0	12	83	26	4
9236.0140	14.0	14	83	26	4
9236.0160	16.0	16	92	32	4
9236.0180	18.0	18	92	32	4
9236.0200	20.0	20	104	38	4

Art. 9241 SOLID CARBIDE MINIATURE END MILLS

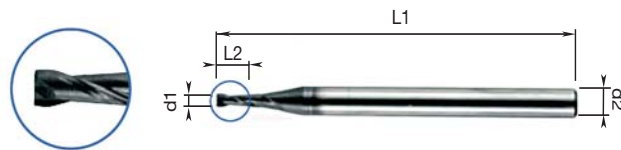


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Miniature mills for universal application, for high tensile material, also for non-ferrous materials
- Specially suited for HSC-milling



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9241.0001	0.10	3	38	0.3	2
9241.0002	0.20	3	38	0.5	2
9241.0003	0.30	3	38	1.0	2
9241.0004	0.40	3	38	1.0	2
9241.0005	0.50	3	38	1.5	2
9241.0006	0.60	3	38	1.5	2
9241.0007	0.70	3	38	2.0	2
9241.0008	0.80	3	38	2.0	2
9241.0009	0.90	3	38	2.5	2
9241.0010	1.00	3	38	3.0	2
9241.0011	1.10	3	38	3.0	2
9241.0012	1.20	3	38	4.0	2
9241.0014	1.40	3	38	4.0	2
9241.0015	1.50	3	38	4.0	2
9241.0016	1.60	3	38	4.0	2
9241.0017	1.70	3	38	4.0	2
9241.0018	1.80	3	38	5.0	2
9241.0019	1.90	3	38	5.0	2
9241.0020	2.00	3	38	5.0	2

Art. 9240 SOLID CARBIDE MINIATURE END MILLS - EXTRA LONG

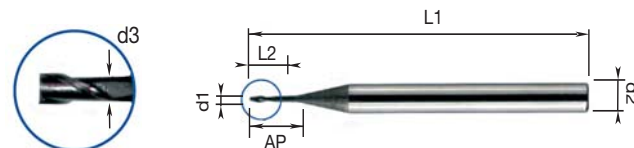


Product Details:

- Centre cutting
- TiAlN - coated

Application:

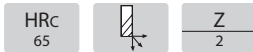
- For universal use like high-tensile steel until < 60 HRC, also for non-ferrous materials
- Specially developed for HSC and HHC dry-cutting
- Larger core diameter for minimum deflection



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Z
9240.0008	0.80	4	0.75	45	1.2	6	2
9240.0010	1.00	4	0.95	45	1.5	6	2
9240.1010	1.00	4	0.95	45	1.5	12	2
9240.0012	1.20	4	1.15	45	1.8	8	2
9240.1012	1.20	4	1.15	45	1.8	12	2
9240.0014	1.40	4	1.30	45	2.1	12	2
9240.0015	1.50	4	1.40	50	2.3	14	2
9240.0016	1.60	4	1.50	50	2.4	16	2
9240.0018	1.80	4	1.70	50	2.7	16	2
9240.0020	2.00	4	1.90	45	3.0	8	2
9240.1020	2.00	4	1.90	45	3.0	12	2
9240.2020	2.00	4	1.90	50	3.0	16	2
9240.3020	2.00	4	1.90	55	3.0	20	2
9240.0025	2.50	4	2.40	50	3.7	14	2
9240.0030	3.00	6	2.85	45	4.5	12	2
9240.1030	3.00	6	2.85	60	4.5	20	2



Art.9242 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG



Product Details:

- Centre cutting
- Straight flutes

Application:

- Ball nose end mills for slotmilling and form milling
- Specially designed for HSC machining



Art. N°.	Ø.d1	Ø.d2	L1	L2	Z
9242.0030	3.0	6	75	5.0	2
9242.1030	3.0	6	100	5.0	2
9242.0040	4.0	6	75	6.0	2
9242.1040	4.0	6	100	6.0	2
9242.0050	5.0	6	75	8.0	2
9242.1050	5.0	6	100	8.0	2
9242.0060	6.0	6	75	10.0	2
9242.1060	6.0	6	100	10.0	2
9242.0080	8.0	10	85	12.0	2
9242.1080	8.0	10	150	12.0	2
9242.0100	10.0	12	100	18.0	2
9242.1100	10.0	12	150	18.0	2

Art.9244 SOLID CARBIDE MINIATURE BALL NOSE END MILLS

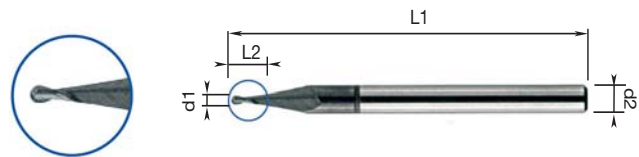


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Ball nose miniature mills for copy-milling machines (mould maker)
- Universal application for high tensile material
- Also for non-ferrous materials and for HSC-milling



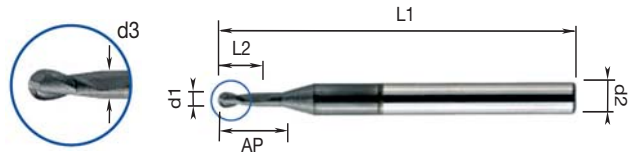
Art. N°.	Ø.d1	Ø.d2	L1	L2	Z
9244.0002	0.25	3	38	0.5	2
9244.0003	0.30	3	38	1.0	2
9244.0004	0.40	3	38	1.0	2
9244.0005	0.50	3	38	1.5	2
9244.0006	0.60	3	38	1.5	2
9244.0007	0.70	3	38	2.0	2
9244.0008	0.80	3	38	2.0	2
9244.0009	0.90	3	38	2.5	2
9244.0010	1.00	3	38	3.0	2
9244.0011	1.10	3	38	3.0	2
9244.0012	1.20	3	38	3.0	2
9244.0014	1.40	3	38	4.0	2
9244.0015	1.50	3	38	4.0	2
9244.0016	1.60	3	38	5.0	2
9244.0018	1.80	3	38	5.0	2
9244.0020	2.00	3	38	5.0	2

Art. 9246 SOLID CARBIDE MINIATURE BALL NOSE END MILLS



Product Details:
- Centre cutting
- Extra long cutting depth

Application:
- For universal use like high tensile steel up to 60 HRC, also non ferrous materials
- Specially developed for HSC machining



Art. N°	Ø.d1	Ø.d2	Ø.d3	L1	L2	AP	Radius
9246.0008	0.80	4	0.75	45	1.2	6	0.40
9246.1008	0.80	4	0.75	45	1.2	8	0.40
9246.0010	1.00	4	0.95	45	1.5	6	0.50
9246.1010	1.00	4	0.95	45	1.5	8	0.50
9246.2010	1.00	4	0.95	45	1.5	10	0.50
9246.3010	1.00	4	0.95	45	1.5	12	0.50
9246.0012	1.20	4	0.95	45	1.8	8	0.60
9246.1012	1.20	4	1.15	45	1.8	12	0.60
9246.0014	1.40	4	1.15	45	2.1	12	0.70
9246.0015	1.50	4	1.45	45	2.3	8	0.75
9246.1015	1.50	4	1.45	45	2.3	12	0.75
9246.2015	1.50	4	1.45	50	2.3	16	0.75
9246.0016	1.60	4	1.45	50	2.4	16	0.80
9246.0018	1.80	4	1.50	50	2.7	16	0.90
9246.0020	2.00	4	1.70	45	3.0	8	1.00
9246.1020	2.00	4	1.90	45	3.0	12	1.00
9246.2020	2.00	4	1.90	50	3.0	16	1.00
9246.3020	2.00	4	1.90	55	3.0	20	1.00
9246.0030	3.00	6	2.85	55	4.5	16	1.50
9246.1030	3.00	6	2.85	60	4.5	20	1.50
9246.0040	4.00	6	3.85	60	6.0	16	2.00
9246.1040	4.00	6	3.85	65	6.0	20	2.00
9246.2040	4.00	6	3.85	70	6.0	25	2.00



Art. 9248 SOLID CARBIDE MINIATURE END MILLS WITH CORNER RADIUS



Product Details:

- Centre cutting

Application:

- The tool, material and high polished flutes is
Specially designed for high speed cutting HSC,
Aluminum, copper, brass, plastic - long and short
chipping
- Also for dry milling



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Corner- radius
9248.0006	0.60	4	0.58	55	0.8	4	0.06
9248.1006	0.60	4	0.58	55	0.8	6	0.06
9248.0008	0.80	4	0.77	55	1.0	4	0.08
9248.1008	0.80	4	0.77	55	1.0	8	0.08
9248.0010	1.00	4	0.95	55	1.2	5	0.10
9248.1010	1.00	4	0.95	55	1.2	10	0.10
9248.2010	1.00	4	0.95	55	1.2	15	0.10
9248.0012	1.20	4	1.15	55	1.4	6	0.12
9248.1012	1.20	4	1.15	55	1.4	12	0.12
9248.0015	1.50	4	1.44	55	1.8	8	0.15
9248.1015	1.50	4	1.44	55	1.8	16	0.15
9248.0020	2.00	4	1.92	65	2.0	10	0.20
9248.1020	2.00	4	1.92	65	2.0	20	0.20
9248.2020	2.00	4	1.92	75	2.0	30	0.20
9248.0003	3.00	4	2.90	65	3.0	10	0.30
9248.1003	3.00	4	2.90	65	3.0	20	0.30
9248.2003	3.00	4	2.90	75	3.0	25	0.30
9248.0040	4.00	6	3.90	65	4.0	10	0.30
9248.1040	4.00	6	3.90	65	4.0	20	0.30
9248.2040	4.00	6	3.90	75	4.0	30	0.30
9248.0005	5.00	6	4.90	65	5.0	20	0.30
9248.1005	5.00	6	4.90	75	5.0	30	0.30
9248.2005	5.00	6	4.90	90	5.0	40	0.30
9248.0006	6.00	6	5.90	65	6.0	20	0.30
9248.1006	6.00	6	5.90	75	6.0	30	0.30
9248.2006	6.00	6	5.90	90	6.0	40	0.30
9248.3006	6.00	6	5.90	90	6.0	50	0.30

Art.9250 SOLID CARBIDE BALL NOSE END MILLS - LONG

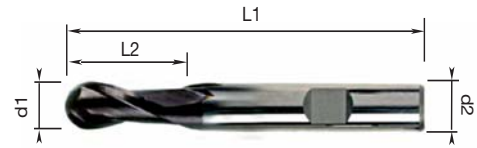


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9250.0030	3.0	3	38	7.0	2
9250.0040	4.0	4	50	14.0	2
9250.0050	5.0	6	50	16.0	2
9250.0060	6.0	6	57	19.0	2
9250.0080	8.0	8	63	20.0	2
9250.0100	10.0	10	72	21.0	2
9250.0120	12.0	12	83	25.0	2
9250.0160	16.0	16	92	32.0	2
9250.0200	20.0	20	104	38.0	2

Art.9251 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG

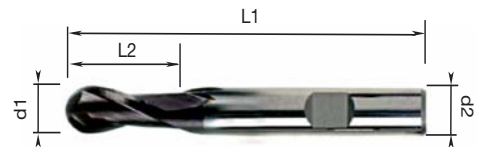


Product Details:

- Centre cutting *
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9251.0030	3.0	3	60	20.0	2
9251.0040	4.0	4	60	25.0	2
9251.0050	5.0	5	75	25.0	2
9251.0060	6.0	6	75	30.0	2
9251.0080	8.0	8	100	45.0	2
9251.0100	10.0	10	100	45.0	2
9251.0120	12.0	12	100	45.0	2
9251.1120	12.0	12	150	65.0	2
9251.0160	16.0	16	100	45.0	2
9251.1160	16.0	16	150	65.0	2
9251.0200	20.0	20	100	45.0	2
9251.1200	20.0	20	150	65.0	2



Art.9252 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG

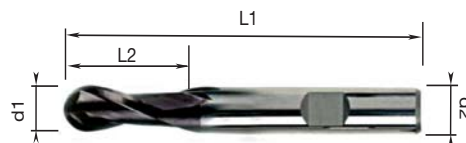


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material
- Specially designed for mold industry, also for dry milling
- Universal purpose for normal/ high tensile material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9252.0060	6.0	6	150	40.0	2
9252.0080	8.0	8	150	40.0	2
9252.0100	10.0	10	150	40.0	2
9252.0120	12.0	12	150	50.0	2
9252.0160	16.0	16	150	50.0	2
9252.0200	20.0	20	150	50.0	2
9252.0250	25.0	25	150	50.0	2

Art.9253 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG

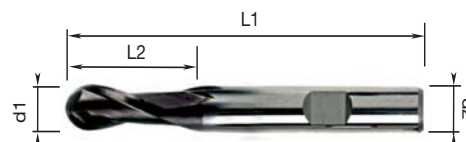


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material
- Specially designed for mold industry, also for dry milling
- Universal purpose for normal/ high tensile material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9253.0080	8.0	8	200	40.0	2
9253.0100	10.0	10	200	40.0	2
9253.0120	12.0	12	200	40.0	2
9253.0160	16.0	16	200	60.0	2
9253.0200	20.0	20	200	80.0	2
9253.0250	25.0	25	200	80.0	2

Art.9254 SOLID CARBIDE BALL NOSE END MILLS - SUPER LONG

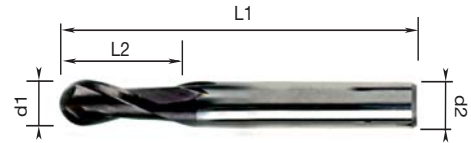


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tense material
- Also for Aluminum and non-ferrous material
- Specially designed for mold industry, also for dry milling
- Universal purpose for normal/ high tensile material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9254.0160	16.0	16	310	60.0	2
9254.0200	20.0	20	310	60.0	2
9254.0250	25.0	25	310	60.0	2
9254.1250	25.0	25	310	120.0	2
9254.0320	32.0	32	310	60.0	2

Art.9255 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG

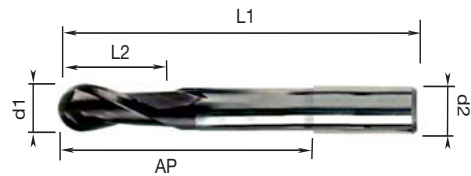


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tense material
- Also for Aluminum and non-ferrous material
- Specially designed for mold industry, also for dry milling
- Universal purpose for normal/ high tensile material



Art. N°.	Ø d1	Ø d2	L1	L2	AP	Z
9255.0060	6.0	6	200	25.0	120	2
9255.0080	8.0	8	200	25.0	120	2
9255.0100	10.0	10	200	50.0	120	2
9255.0120	12.0	12	200	50.0	120	2
9255.0160	16.0	16	220	65.0	150	2
9255.0200	20.0	20	250	65.0	150	2



Art. 9256 SOLID CARBIDE BALL NOSE END MILLS - LONG

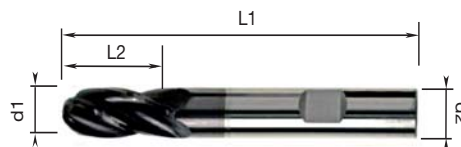


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9256.0030	3.0	3	38	7.0	4
9256.0040	4.0	4	50	14.0	4
9256.0050	5.0	6	50	16.0	4
9256.0060	6.0	6	60	19.0	4
9256.0080	8.0	8	60	20.0	4
9256.0100	10.0	10	70	21.0	4
9256.0120	12.0	12	75	25.0	4
9256.0160	16.0	16	88	32.0	4
9256.0200	20.0	20	104	38.0	4

Art. 9257 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG

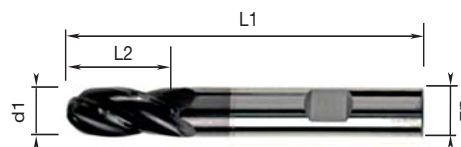


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Universal purpose
- For high tensile material
- Also for Aluminum and non-ferrous material



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9257.0030	3.0	3	60	20.0	4
9257.0040	4.0	4	60	25.0	4
9257.0050	5.0	5	75	25.0	4
9257.0060	6.0	6	75	30.0	4
9257.0080	8.0	8	100	45.0	4
9257.0100	10.0	10	100	45.0	4
9257.0120	12.0	12	100	45.0	4
9257.1120	12.0	12	150	65.0	4
9257.0160	16.0	16	100	45.0	4
9257.1160	16.0	16	150	65.0	4
9257.0200	20.0	20	100	45.0	4
9257.1200	20.0	20	150	65.0	4

Art.9258 SOLID CARBIDE BALL NOSE END MILLS



Product Details:

- Centre cutting
- TiAlN - coated
- Straight flute

Application:

- Specially for tool maker, mould maker
- Specially designed for high speed cutting
- Excellent performance on high hardened steel (HRC 70)



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9258.0030	3.0	6	60	6.0	4
9258.0040	4.0	6	60	8.0	4
9258.0050	5.0	6	70	10.0	4
9258.0060	6.0	6	70	12.0	4
9258.0080	8.0	8	75	12.0	4
9258.0100	10.0	10	80	16.0	4
9258.0120	12.0	12	120	16.0	4

Art.9260 SOLID CARBIDE END MILL WITH CORNER RADIUS - EXTRA LONG

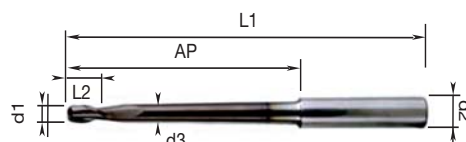


Product Details:

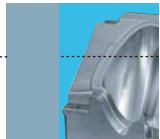
- Centre cutting
- TiAlN - coated

Application:

- Ball nose end mills for 3D milling in deep contour pocketing operations
- Specially designed for high speed cutting HSC and hard cutting conditions



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Z	Corner-radius
9260.0020	2.0	6	1.80	80	3.0	40	2	0.50
9260.0030	3.0	6	2.80	80	3.5	40	2	0.50
9260.0040	4.0	6	3.80	80	4.0	40	2	1.00
9260.0060	6.0	8	5.60	100	6.0	60	2	2.00
9260.0080	8.0	8	7.60	100	7.0	60	2	2.00
9260.1080	8.0	10	7.60	120	7.0	75	2	2.00
9260.0100	10.0	10	9.60	120	8.0	75	2	3.00
9260.1100	10.0	12	9.60	120	8.0	70	2	3.00
9260.0120	12.0	12	11.50	120	10.0	70	2	4.00
9260.1120	12.0	16	11.50	150	10.0	100	2	4.00



Art. 9262 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG

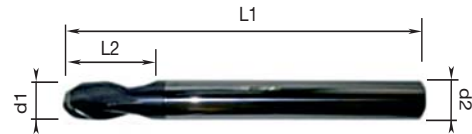


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Ball nose end mills for 3D milling in deep contour pocketing operations
- Specially designed for high speed cutting HSC and HHC up to 65 HRC



Art. N°	Ø d1	Ø d2	L1	L2	Z
9262.0010	1.0	3	50	1.5	2
9262.0015	1.5	3	50	2.5	2
9262.0020	2.0	3	50	3.0	2
9262.0025	2.5	3	50	4.0	2
9262.0030	3.0	3	75	6.0	2
9262.0040	4.0	4	75	8.0	2
9262.0050	5.0	5	75	10.0	2
9262.0060	6.0	6	100	12.0	2
9262.0080	8.0	8	100	14.0	2
9262.0100	10.0	10	100	18.0	2
9262.0120	12.0	12	150	22.0	2
9262.0140	14.0	14	150	26.0	2
9262.0160	16.0	16	150	30.0	2
9262.0180	18.0	18	150	34.0	2
9262.0200	20.0	20	150	38.0	2

Art. 9263 SOLID CARBIDE BALL NOSE END MILLS - SHORT

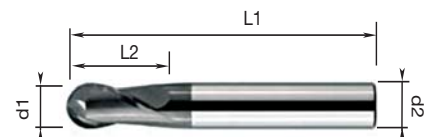


Product Details:

- Centre cutting
- TiAlN - coated

Application:

- Ball nose end mills for 3D milling in deep contour pocketing operations
- Specially designed for high speed cutting HSC and hard cutting conditions HHC 65 HRC



Art. N°	Ø d1	Ø d2	L1	L2	Z
9263.0030	3.0	3	50	6.0	2
9263.0040	4.0	4	54	8.0	2
9263.0050	5.0	5	54	10.0	2
9263.0060	6.0	6	54	12.0	2
9263.0080	8.0	8	58	14.0	2
9263.0100	10.0	10	66	18.0	2
9263.0120	12.0	12	73	22.0	2
9263.0140	14.0	14	75	26.0	2
9263.0160	16.0	16	82	30.0	2
9263.0180	18.0	18	84	34.0	2
9263.0200	20.0	20	92	38.0	2

Art. 9264 SOLID CARBIDE END MILLS WITH CORNER RADIUS - LONG

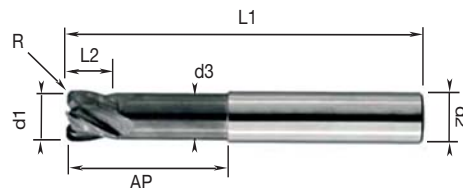


Product Details:

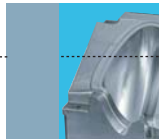
- Centre cutting
- TiAlN - coated
- 2-edges to the centre with corner radius

Application:

- Specially for mould maker, also for aircraft/ turbine construction
- Reduces milling time
- Also for dry milling
- Universal purpose for normal/ high tensile materials



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Z	Corner-radius
9264.0020	2.0	6	1.80	57	4.0	21	4	0.10
9264.1020	2.0	6	1.80	57	4.0	21	4	0.20
9264.3020	2.0	6	1.80	57	4.0	21	4	0.40
9264.0040	4.0	6	3.60	57	6.0	21	4	0.10
9264.1040	4.0	6	3.60	57	6.0	21	4	0.20
9264.3040	4.0	6	3.60	57	6.0	21	4	0.40
9264.4040	4.0	6	3.60	57	6.0	21	4	0.60
9264.5040	4.0	6	3.60	57	6.0	21	4	0.80
9264.6040	4.0	6	3.60	57	6.0	21	4	1.00
9264.7040	4.0	6	3.60	57	6.0	21	4	1.20
9264.8040	4.0	6	3.60	57	6.0	21	4	1.40
9264.0060	6.0	6	5.50	57	7.0	21	4	0.10
9264.1060	6.0	6	5.50	57	7.0	21	4	0.20
9264.2064	6.0	6	5.50	57	7.0	21	4	0.40
9264.3064	6.0	6	5.50	57	7.0	21	4	0.60
9264.4064	6.0	6	5.50	57	7.0	21	4	0.80
9264.5060	6.0	6	5.50	57	7.0	21	4	1.00
9264.6060	6.0	6	5.50	57	7.0	21	4	1.20
9264.7060	6.0	6	5.50	57	7.0	21	4	1.40
9264.8060	6.0	6	5.50	57	7.0	21	4	1.60
9264.9060	6.0	6	5.50	57	7.0	21	4	1.80
9264.0080	8.0	8	7.40	63	9.0	27	4	0.50
9264.1080	8.0	8	7.40	63	9.0	27	4	1.00
9264.2080	8.0	8	7.40	63	9.0	27	4	1.50
9264.3080	8.0	8	7.40	63	9.0	27	4	2.00
9264.0100	10.0	10	9.20	72	11.0	32	4	0.50
9264.1100	10.0	10	9.20	72	11.0	32	4	1.00
9264.2100	10.0	10	9.20	72	11.0	32	4	1.50
9264.3100	10.0	10	9.20	72	11.0	32	4	2.00
9264.0120	12.0	12	11.00	83	12.0	38	4	0.50
9264.1120	12.0	12	11.00	83	12.0	38	4	1.00
9264.2120	12.0	12	11.00	83	12.0	38	4	1.50
9264.3120	12.0	12	11.00	83	12.0	38	4	2.00
9264.0160	16.0	16	15.00	92	16.0	44	4	0.50
9264.1160	16.0	16	15.00	92	16.0	44	4	1.00
9264.2160	16.0	16	15.00	92	16.0	44	4	1.50
9264.3160	16.0	16	15.00	92	16.0	44	4	2.00



Art. 9265 SOLID CARBIDE END MILLS WITH CORNER RADIUS - LONG

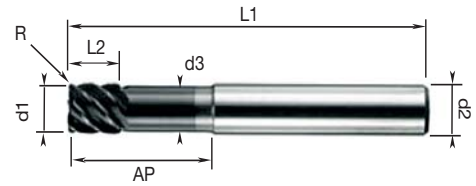


Product Details:

- Centre cutting
- TiAlN - coated
- 2-edges cutting over centre with corner radius

Application:

- Specially for mould machining, aircraft/ turbine construction
- Reduces milling time
- Also for dry milling
- Universal purpose for normal/ high tensile materials



Art. N°	Ø d1	Ø d2	Ø d3	L1	L2	AP	Z	Corner-radius
9265.0030	3.0	3	2.70	50	4.0	14	4	0.30
9265.0040	4.0	4	3.70	54	5.0	16	4	0.40
9265.0050	5.0	5	4.60	54	6.0	18	4	0.50
9265.0060	6.0	6	5.50	65	7.0	21	6	0.50
9265.1060	6.0	6	5.50	65	7.0	21	6	1.00
9265.0080	8.0	8	7.40	70	9.0	27	6	0.50
9265.1080	8.0	8	7.40	70	9.0	27	6	1.00
9265.0100	10.0	10	9.20	80	11.0	32	6	0.50
9265.1100	10.0	10	9.20	80	11.0	32	6	1.00
9265.2100	10.0	10	9.20	80	11.0	32	6	1.50
9265.3100	10.0	10	9.20	80	11.0	32	6	2.00
9265.0120	12.0	12	11.00	93	12.0	38	6	0.50
9265.1120	12.0	12	11.00	93	12.0	38	6	1.00
9265.2120	12.0	12	11.00	93	12.0	38	6	1.50
9265.3120	12.0	12	11.00	93	12.0	38	6	2.00

Art.9266 SOLID CARBIDE END MILLS WITH CORNER RADIUS - EXTRA LONG

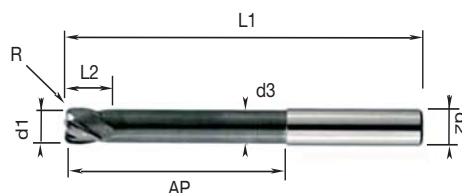


Product Details:

- Centre cutting
- TiAlN - Coated
- 2-edges cutting over centre with corner radius

Application:

- Specially for mould machining, aircraft/ turbine construction
- Reduces milling time
- Also for dry milling
- Universal purpose for normal/ high tensile materials



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Z	Corner-radius
9266.0060	6.0	6	5.50	80	7.0	44	4	0.10
9266.1060	6.0	6	5.50	80	7.0	44	4	0.20
9266.2060	6.0	6	5.50	80	7.0	44	4	0.40
9266.3060	6.0	6	5.50	80	7.0	44	4	0.60
9266.4060	6.0	6	5.50	80	7.0	44	4	0.80
9266.5060	6.0	6	5.50	80	7.0	44	4	1.00
9266.6060	6.0	6	5.50	80	7.0	44	4	1.20
9266.7060	6.0	6	5.50	80	7.0	44	4	1.40
9266.8060	6.0	6	5.50	80	7.0	44	4	1.60
9266.9060	6.0	6	5.50	80	7.0	44	4	1.80
9266.9160	6.0	6	5.50	80	7.0	44	4	2.00
9266.9260	6.0	6	5.50	80	7.0	44	4	2.20
9266.9360	6.0	6	5.50	80	7.0	44	4	2.40
9266.9460	6.0	6	5.50	80	7.0	44	4	2.50
9266.0080	8.0	8	7.40	100	9.0	54	4	1.00
9266.1080	8.0	8	7.40	100	9.0	54	4	1.50
9266.2080	8.0	8	7.40	100	9.0	54	4	2.00
9266.0100	10.0	10	9.20	100	11.0	60	4	1.00
9266.1100	10.0	10	9.20	100	11.0	60	4	1.50
9266.2100	10.0	10	9.20	100	11.0	60	4	2.00
9266.0120	12.0	12	11.00	120	12.0	75	4	1.00
9266.1120	12.0	12	11.00	120	12.0	75	4	1.50
9266.2120	12.0	12	11.00	120	12.0	75	4	2.00
9266.0160	16.0	16	15.00	150	16.0	92	4	2.00

Art.9267 SOLID CARBIDE BALL NOSE END MILLS - LONG

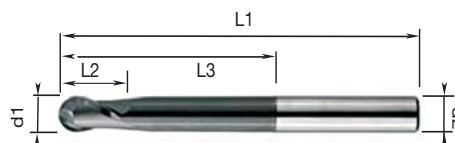


Product Details:

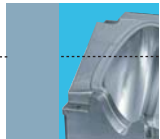
- Centre cutting
- TiAlN - Coated

Application:

- Micro grain substrat 12% Co.
- For hard milling < 55 HRC, as well as for high speed cutting and finish milling with high feed rates, specially suited materials up to 45 HRC
- Suitable for dry milling



Art. N°.	Ø d1	Ø d2	L1	L2	L3	Z
9267.0020	2.0	4	63	5.0	45	2
9267.0030	3.0	4	63	6.0	45	2
9267.0040	4.0	6	76	8.0	54	2
9267.0060	6.0	10	101	9.0	60	2
9267.0080	8.0	10	101	12.0	60	2
9267.0100	10.0	12	101	16.0	60	2
	12.0	14	101	20.0	60	2

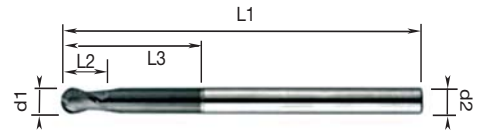


Art. 9268 SOLID CARBIDE BALL NOSE END MILLS - EXTRA LONG



Product Details:
- Centre cutting
- TiAlN - Coated

Application:
- Micro grain substrat 12% Co.
- For hard milling < 55 HRC, as well as for high speed cutting and finish milling with high feed rates, Specially suited materials up to 45 HRC
- Suitable for dry milling



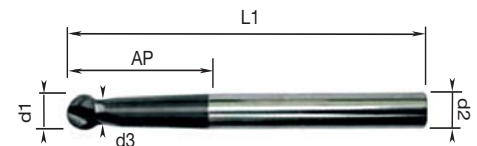
Art. N°.	Ø d1	Ø d2	L1	L2	L3	Z
9268.0060	6.0	10	152	9.0	60	2
9268.0080	8.0	10	152	12.0	60	2
9268.0100	10.0	12	152	16.0	60	2
9268.0120	12.0	14	152	20.0	60	2

Art. 9271 SOLID CARBIDE BALL NOSE SLOT DRILL - EXTRA LONG



Product Details:
- Centre cutting
- Ball nose 2 flute/220° *

Application:
- Ball nose slot drill 2 flute, 220° for 3D milling, in deep contour pocketing operations
- Specially designed for high speed cutting



Art. N°.	Ø d1	Ø d2	Ø d3	L1	AP	Z
9271.0010	1.0	6	0.90	80	5	2
9271.0020	2.0	6	1.80	80	10	2
9271.0030	3.0	6	2.80	80	15	2
9271.0040	4.0	6	3.80	80	20	2
9271.0050	5.0	6	4.70	90	25	2
9271.0060	6.0	6	5.70	100	30	2
9271.0080	8.0	8	7.50	100	40	2
9271.0100	10.0	10	9.40	120	50	2
9271.0120	12.0	12	11.20	120	50	2
9271.0160	16.0	16	15.00	150	60	2

Art. 9272 SOLID CARBIDE BALL NOSE SLOT DRILL - EXTRA LONG

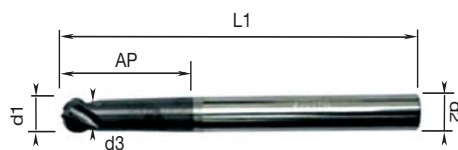


Product Details:

- Centre cutting
- Ball nose 2 flute/220°

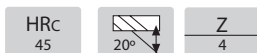
Application:

- Ball nose slot drill 2 flute, 220° for 3D milling, in deep contour pocketing operations
- Specially designed for high speed cutting



Art. N°.	Ø d1	Ø d2	Ø d3	L1	AP	Z
9272.0050	5.0	6	4.70	80	25	4
9272.0060	6.0	6	5.70	100	30	4
9272.0080	8.0	8	7.50	100	40	4
9272.0100	10.0	10	9.40	100	50	4
9272.0120	12.0	12	11.20	100	50	4
9272.0160	16.0	16	15.00	150	60	4

Art. 9200 SOLID CARBIDE FORWARD AND BACKWARD BURR REMOVER

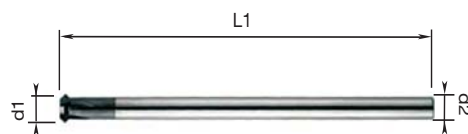


Product Details:

- 4-cutting edges/ 45°
- TiAlN - Coated

Application:

- For forward and backwards deburring and chamfering on difficult to reach spots



Art. N°.	Ø d1	Ø d2	L1	L2	Z
9200.0040	4.0	6	100	2.0	4
9200.0060	6.0	6	100	2.0	4
9200.0080	8.0	6	100	2.0	4
9200.0100	10.0	6	100	4.0	4
9200.0120	12.0	6	100	4.0	4

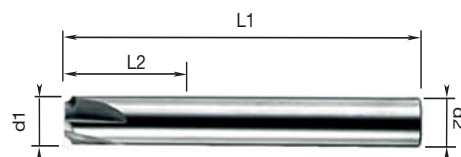


Art. **9203** CORNER ROUNDING CUTTERS CONCAVE

HRC 45	Z 4
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Product Details:
- Straight flute
- TiAlN - Coated

Application:
- For round down and deburring from
workpiece edges



Art. N°.	Ø d1	Ø d2	L1	Z	Radius
9203.0070	7.0	8	70	4	0.50
9203.0060	6.0	8	70	4	1.00
9203.1070	7.0	10	75	4	1.50
9203.1060	6.0	10	75	4	2.00
9203.2070	7.0	12	75	4	2.50
9203.2060	6.0	12	75	4	3.00
9203.0090	9.0	16	80	4	3.50
9203.0080	8.0	16	80	4	4.00
9203.3070	7.0	16	80	4	4.50
9203.0100	10.0	20	80	4	5.00
9203.1080	8.0	20	80	4	6.00

Art. 9204 SOLID CARBIDE COUNTER SINKER 60°

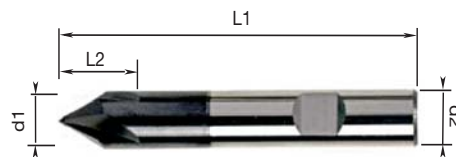
HRC 45	Z 4
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Product Details:

- Centre cutting
- DIN 6527 long
- TiAlN coated

Application:

- For deburring and chamfering from workpieces edges
- Also recommended for dry milling



Art. N°.	Ø d1	Ø d2	L1	Z
9204.0040	4.0	4	54	4
9204.0060	6.0	6	57	4
9204.0080	8.0	8	63	4
9204.0100	10.0	10	72	4
9204.0120	12.0	12	83	4
9204.0160	16.0	16	92	4
9204.0200	20.0	20	104	4

Art. 9205 SOLID CARBIDE COUNTER SINKER 90°

HRC 45	Z 4
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Product Details:

- Centre cutting
- DIN 6527 long
- TiAlN coated

Application:

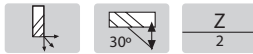
- For deburring and chamfering from workpieces edges
- Also recommended for dry milling



Art. N°.	Ø d1	Ø d2	L1	Z
9205.0040	4.0	4	54	4
9205.0060	6.0	6	57	4
9205.0080	8.0	8	63	4
9205.0100	10.0	10	72	4
9205.0120	12.0	12	83	4
9205.0160	16.0	16	92	4
9205.0200	20.0	20	104	4

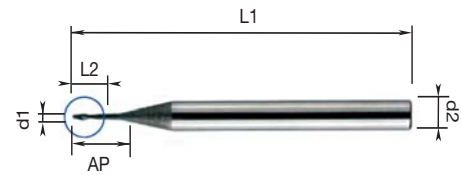


Art.9274 SOLID CARBIDE MINIATURE END MILLS WITH CORNER RADIUS



Product Details:
- Centre cutting
- Diamond coated

Application:
- Specially mould industry
- Developed for graphite
- Al < 12% Si



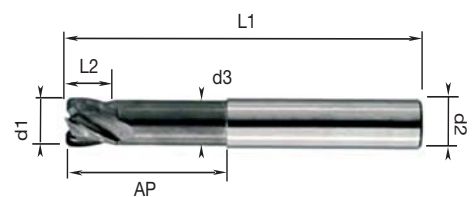
Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Corner-radius
9274.0006	0.60	4	0.58	55	0.8	6	0.06
9274.0008	0.80	4	0.77	55	1.0	8	0.08
9274.0010	1.00	4	0.95	55	1.2	10	0.10
9274.0015	1.50	4	1.44	55	1.8	16	0.15
9274.0020	2.00	4	1.92	65	2.0	20	0.20
9274.0030	3.00	4	2.90	75	3.0	25	0.30
9274.0040	4.00	6	3.90	75	4.0	30	0.30
9274.0050	5.00	6	4.90	90	5.0	40	0.30
9274.0060	6.00	6	5.90	90	6.0	50	0.30

Art.9275 SOLID CARBIDE MINIATURE END MILLS WITH CORNER RADIUS - LONG



Product Details:
- Centre cutting
- Diamond coated

Application:
- Specially mould industry
- Developed for graphite
- Al < 12% Si



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Z	Corner-radius
9275.0020	2.0	6	1.80	57	4.0	21	4	0.20
9275.0040	4.0	6	3.60	57	6.0	21	4	0.30
9275.1040	4.0	6	3.60	57	6.0	21	4	0.50
9275.0060	6.0	6	5.50	57	7.0	21	4	0.30
9275.1060	6.0	6	5.50	57	7.0	21	4	0.50
9275.2060	6.0	6	5.50	57	7.0	21	4	1.00
9275.0080	8.0	8	7.40	63	9.0	27	4	1.00
9275.0100	10.0	10	9.20	72	11.0	32	4	0.50
9275.1100	10.0	10	9.20	72	11.0	32	4	1.00
9275.1120	12.0	12	11.00	83	12.0	38	4	1.00

Art. 9276 SOLID CARBIDE MINIATURE BALL NOSE END MILL

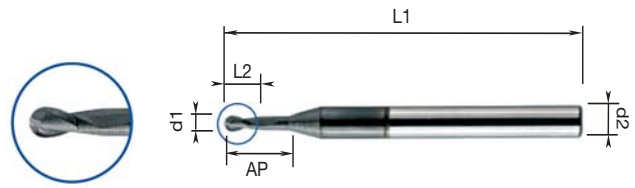


Product Details:

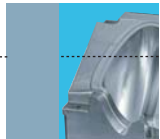
- Centre cutting
- Extra long cutting depth
- Diamond coated

Application:

- Specially mould industry
- Developed for graphite
- Al < 12% Si



Art. N°.	Ø d1	Ø d2	Ø d3	L1	L2	AP	Radius
9276.0008	0.80	4	0.75	45	1.2	6	0.40
9276.1008	0.80	4	0.75	45	1.2	8	0.40
9276.0010	1.00	4	0.95	45	1.5	6	0.50
9276.1010	1.00	4	0.95	45	1.5	8	0.50
9276.2010	1.00	4	0.95	45	1.5	10	0.50
9276.3010	1.00	4	0.95	45	1.5	12	0.50
9276.0012	1.20	4	0.95	45	1.8	8	0.60
9276.1012	1.20	4	1.15	45	1.8	12	0.60
9276.0014	1.40	4	1.15	45	2.1	12	0.70
9276.0015	1.50	4	1.45	45	2.3	8	0.75
9276.1015	1.50	4	1.45	45	2.3	12	0.75
9276.2015	1.50	4	1.45	50	2.3	16	0.75
9276.0016	1.60	4	1.45	50	2.4	16	0.80
9276.0018	1.80	4	1.50	50	2.7	16	0.90
9276.0020	2.00	4	1.70	45	3.0	8	1.00
9276.1020	2.00	4	1.90	45	3.0	12	1.00
9276.2020	2.00	4	1.90	50	3.0	16	1.00
9276.3020	2.00	4	1.90	55	3.0	20	1.00
9276.0030	3.00	6	2.85	55	4.5	16	1.50
9276.1003	3.00	6	2.85	60	4.5	20	1.50
9276.0040	4.00	6	3.85	60	6.0	16	2.00
9276.1040	4.00	6	3.85	65	6.0	20	2.00
9276.2040	4.00	6	3.85	70	6.0	25	2.00



Art. 9273 SOLID CARBIDE MINIATURE BALL NOSE SLOT DRILL



Product Details:

- Centre cutting
- Ball nose 2 flute/ 220°
- Diamond coated

Application:

- Specially mould industry
- Developed for graphite
- Al < 12% Si



Art. N°.	Ø d1	Ø d2	Ø d3	L1	AP	Z
9273.0010	1.0	6	0.90	80	5	2
9273.0020	2.0	6	1.80	80	10	2
9273.0030	3.0	6	2.80	80	15	2
9273.0040	4.0	6	3.80	80	20	2
9273.0050	5.0	6	4.70	90	25	2
9273.0060	6.0	6	5.70	100	30	2
9273.0080	8.0	8	7.50	100	40	2
9273.0100	10.0	10	9.40	120	50	2
9273.0120	12.0	12	11.20	120	50	2
9273.0160	16.0	16	15.00	150	60	2