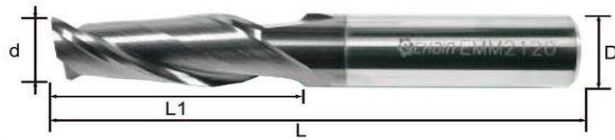
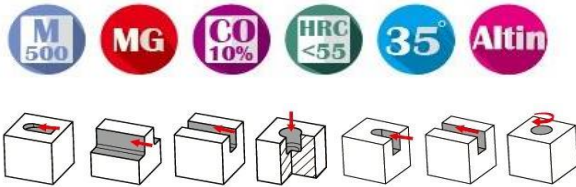
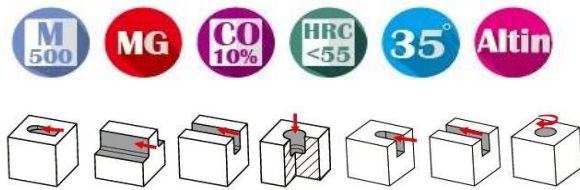


ЧЕТВОРОПЕРНИ до 55 HRC EMM 4000



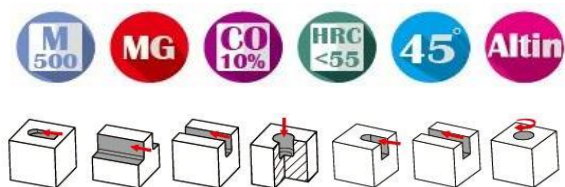
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
EMM4010		1.0	2.5	50	4
 EMM4010D6	●	1.0	2.5	50	6
EMM4015	●	1.5	3.75	50	4
 EMM4015D6	●	1.5	3.75	50	6
EMM4020	●	2.0	5	50	4
 EMM4020D6	●	2.0	5	50	6
EMM4025	●	2.5	6.25	50	4
EMM4030	●	3.0	7.5	50	4
EMM4030E1	●	3.0	7.5	75	4
EMM4030D6	●	3.0	7.5	50	6
EMM4035	●	3.5	8.75	50	4
 EMM4035D6	●	3.5	8.75	50	6
EMM4040	●	4.0	10	50	4
EMM4040D6	●	4.0	10	50	6
EMM4040E1	●	4.0	10	75	4
EMM4040H	●	4.0	10	100	4
 EMM4045	●	4.5	11.25	50	4
EMM4050	●	5.0	12.5	50	6
EMM4050E1	●	5.0	12.5	75	6
EMM4050H	●	5.0	12.5	100	6
EMM4055	●	5.5	13.75	50	6
EMM4060	●	6.0	15	50	6

ЧЕТВОРОПЕРНИ до 55 HRC EMM 4000



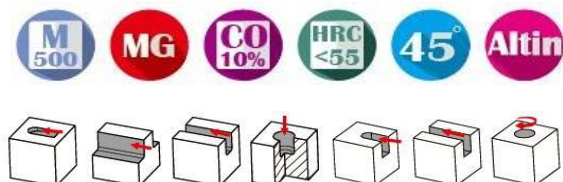
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
EMM4060	●	6.0	15	50	6
EMM4060E1	●	6.0	15	75	6
EMM4060H	●	6.0	15	100	6
New EMM4070	●	7.0	17.5	60	8
EMM4080	●	8.0	20	60	8
EMM4080E1	●	8.0	20	60	8
EMM4080H	●	8.0	20	100	8
EMM4080M	●	8.0	20	150	8
EMM4100	●	10.0	25	75	10
EMM4100H	●	10.0	25	100	10
EMM4100M	●	10.0	25	150	10
EMM4120	●	12.0	30	75	12
EMM4120H	●	12.0	30	100	12
New EMM4120L136	●	12.0	36	75	12
EMM4120M	●	12.0	30	150	12
EMM4140	●	14.0	35	100	12
EMM4160	●	16.0	48	100	16
EMM4160M	●	16.0	48	150	16
EMM4160R	●	16.0	48	200	16
EMM4200	●	20.0	50	100	20
EMM4200M	●	20.0	50	150	20
EMM4200R	●	20.0	50	200	20

ЧЕТВОРОПЕРНИ до 55 HRC MU-GMM 4000



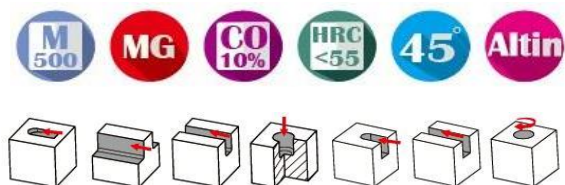
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
MU-GMM4030	●	3.0	7.5	50	4
MU-GMM4030L109	●	3.0	10.9	50	4
MU-GMM4030D6	●	3.0	7.5	50	6
MU-GMM4031L1093	●	3.1	9.3	50	4
MU-GMM4032L1096	●	3.2	9.6	50	4
MU-GMM4033L1099	●	3.3	9.9	50	4
MU-GMM4034L1102	●	3.4	10.2	50	4
MU-GMM4035L1105	●	3.5	10.5	50	4
MU-GMM4036L1108	●	3.6	10.8	50	4
MU-GMM4037L1111	●	3.7	11.1	50	4
MU-GMM4038L1114	●	3.8	11.4	50	4
MU-GMM4039L1117	●	3.9	11.7	50	4
MU-GMM4040	●	4.0	10	50	4
MU-GMM4040D6	●	4.0	10	50	6
MU-GMM4040L112	●	4.0	12	50	4
MU-GMM4040L112D6	●	4.0	12	50	6
MU-GMM4041L1123	●	4.1	12.3	50	6
MU-GMM4042L1126	●	4.2	12.6	50	6
MU-GMM4043L1129	●	4.3	12.9	50	6
MU-GMM4044L1132	●	4.4	13.2	50	6
MU-GMM4045L1135	●	4.5	13.5	50	6
MU-GMM4046L1138	●	4.6	13.8	50	6
MU-GMM4047L1141	●	4.7	14.1	50	6
MU-GMM4048L1144	●	4.8	14.4	50	6
MU-GMM4049L1147	●	4.9	14.7	50	6
MU-GMM4050	●	5.0	12.5	50	6

ЧЕТВОРОПЕРНИ до 55 HRC MU-GMM 4000



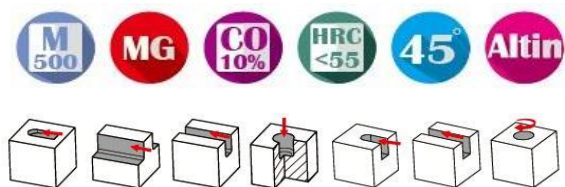
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
MU-GMM4050L115	●	5.0	15	50	6
MU-GMM4051L1153	●	5.1	15.3	50	6
MU-GMM4052L1156	●	5.2	15.6	50	6
MU-GMM4053L1159	●	5.3	15.9	50	6
MU-GMM4054L1162	●	5.4	16.2	50	6
MU-GMM4055	●	5.5	13.74	50	6
MU-GMM4055L1165	●	5.5	16.5	50	6
MU-GMM4056L1168	●	5.6	16.8	50	6
MU-GMM4057L1171	●	5.7	17.1	50	6
MU-GMM4058L1174	●	5.8	17.4	50	6
MU-GMM4059L1177	●	5.8	17.7	50	6
MU-GMM4060	●	6.0	15	50	6
MU-GMM4060L118	●	6.0	18	75	6
MU-GMM4060E1	●	6.0	15	75	6
MU-GMM4061L1183	●	6.1	18.3	60	8
MU-GMM4062L1186	●	6.2	18.6	60	8
MU-GMM4063L1189	●	6.3	18.9	60	8
MU-GMM4064L1191	●	6.4	19.1	60	8
MU-GMM4064L1192	●	6.4	19.2	60	8
MU-GMM4065	●	6.5	16.25	60	8
MU-GMM4065L1195	●	6.5	19.5	60	8
MU-GMM4066L1198	●	6.6	19.8	60	8
MU-GMM4067L1201	●	6.7	20.1	60	8
MU-GMM4068L1204	●	6.8	20.4	60	8
MU-GMM4069L1207	●	6.9	20.7	60	8
MU-GMM4070	●	7.0	17.5	60	8

ЧЕТВОРОПЕРНИ до 55 HRC MU-GMM 4000



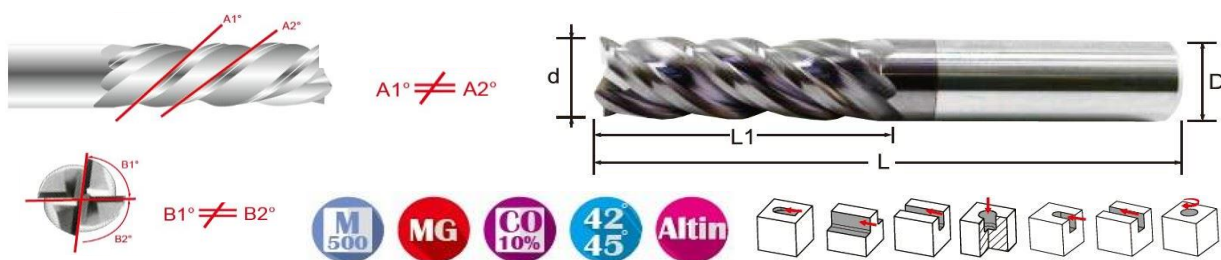
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
New MU-GMM4070L121	●	7.0	21.0	60	8
New MU-GMM4071L1213	●	7.1	21.3	60	8
New MU-GMM4072L1216	●	7.2	21.6	60	8
New MU-GMM4073L1219	●	7.3	21.9	60	8
New MU-GMM4074L1222	●	7.4	22.2	60	8
MU-GMM4075	●	7.5	18.75	60	8
New MU-GMM4075L1225	●	7.5	22.5	60	8
New MU-GMM4076L1228	●	7.6	22.8	60	8
New MU-GMM4077L1231	●	7.7	23.1	60	8
New MU-GMM4078L1234	●	7.8	23.4	60	8
New MU-GMM4079L1237	●	7.9	23.7	60	8
MU-GMM4080	●	8.0	20	60	8
New MU-GMM4080E1	●	8.0	20	75	8
New MU-GMM4080H	●	8.0	20	100	8
New MU-GMM4080M	●	8.0	20	150	8
MU-GMM4080L124	●	8.0	24	60	8
New MU-GMM4081L1243	●	8.1	24.3	75	10
New MU-GMM4082L1246	●	8.2	24.6	75	10
New MU-GMM4083L1249	●	8.3	24.9	75	10
New MU-GMM4084L1252	●	8.4	25.2	75	10
New MU-GMM4085L1255	●	8.5	25.5	75	10
New MU-GMM4086L1258	●	8.6	25.8	75	10
New MU-GMM4087L1261	●	8.7	26.1	75	10
New MU-GMM4088L1264	●	8.8	26.4	75	10
New MU-GMM4089L1267	●	8.9	26.7	75	10
New MU-GMM4090	●	9.0	22.5	75	10

ЧЕТВОРОПЕРНИ до 55 HRC MU-GMM 4000



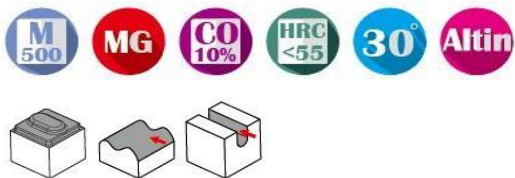
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
MU-GMM4090L127	●	9.0	27	75	10
New MU-GMM4091L1273	●	9.1	27.3	75	10
New MU-GMM4092L1276	●	9.2	27.6	75	10
New MU-GMM4093L1279	●	9.3	27.9	75	10
MU-GMM4094L130	●	9.4	30	75	10
New MU-GMM4094L1282	●	9.4	28.2	75	10
New MU-GMM4095L1285	●	9.5	28.5	75	10
New MU-GMM4096L1288	●	9.6	28.8	75	10
New MU-GMM4097L1291	●	9.7	29.1	75	10
New MU-GMM4098L1294	●	9.8	29.4	75	10
New MU-GMM4099L1297	●	9.9	29.7	75	10
MU-GMM4100	●	10.0	25	75	10
MU-GMM4100H	●	10.0	25	100	10
MU-GMM4100L130	●	10.0	30	75	10
MU-GMM4100L130H	●	10.0	30	100	10
MU-GMM4110	●	11.0	27.5	75	12
New MU-GMM4120	●	12.0	30	75	12
MU-GMM4120L136	●	12.0	36	75	12
New MU-GMM4120H	●	12.0	30	100	12
MU-GMM4140	●	14.0	35	100	12
MU-GMM4160	●	16.0	48	100	16
New MU-GMM4160L148	●	16.0	48	100	16
New MU-GMM4160M	●	16.0	40	150	16
MU-GMM4200	●	20.0	50	100	20

ЧЕТВОРОПЕРНИ до 55 HRC МУН-IMM 4000



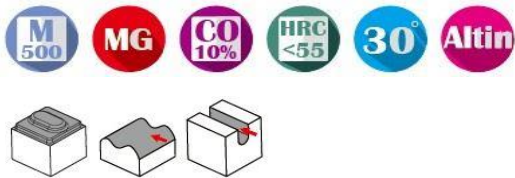
Model No	Stock	F.D	Flute length	O.A.L.	Shank Dia
 IMUH-IMM4060	●	6.0	15	50	6
 IMUH-IMM4060L118	●	6.0	18	50	6
 IMUH-IMM4080	●	8.0	20	60	8
 IMUH-IMM4080L124	●	8.0	24	60	8
 IMUH-IMM4100	●	10.0	25	75	10
 IMUH-IMM4100L130	●	10.0	30	75	10
 IMUH-IMM4120	●	12.0	30	75	12
 IMUH-IMM4120L136	●	12.0	36	75	12
 IMUH-IMM4160	●	16.0	48	100	16
 IMUH-IMM4200	●	20.0	50	100	20

ДВОПЕРНИ до 55 HRC DMR 2000



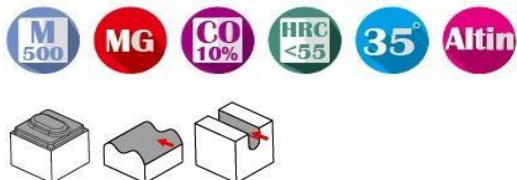
Model No	Stock	Diameter	Radius	Flute length	O.A.L.	Shank Dia
DMR2010R02	●	1.0	0.2	2.5	50	4
DMR2015R02	●	1.5	0.2	3.75	50	4
DMR2020R02	●	2.0	0.2	5	50	4
DMR2020R05	●	2.0	0.5	5	50	4
DMR2025R02	●	2.5	0.2	6.25	50	4
DMR2030R02	●	3.0	0.2	7.5	50	4
DMR2030R02E1	●	3.0	0.2	7.5	75	4
DMR2030R05	●	3.0	0.5	7.5	50	4
DMR2030R05E1	●	3.0	0.5	7.5	75	4
 DMR2030R10	●	3.0	1.0	7.5	75	4
DMR2030R10E1	●	3.0	1.0	7.5	75	4
DMR2040R02	●	4.0	0.2	10	50	4
DMR2040R02E1	●	4.0	0.2	10	75	4
DMR2040R02H	●	4.0	0.2	10	100	4
DMR2040R05	●	4.0	0.5	10	50	4
DMR2040R05E1	●	4.0	0.5	10	75	4
DMR2040R05H	●	4.0	0.5	10	100	4
DMR2040R10	●	4.0	1.0	10	50	4
DMR2040R10E1	●	4.0	1.0	10	75	4
DMR2040R10H	●	4.0	1.0	10	100	4
DMR2060R02	●	6.0	0.2	15	50	6
DMR2060R02E1	●	6.0	0.2	15	75	6
DMR2060R02H	●	6.0	0.2	15	100	6
DMR2060R05	●	6.0	0.5	15	50	6
DMR2060R05E1	●	6.0	0.5	15	75	6
DMR2060R05H	●	6.0	0.5	15	100	6
DMR2060R10	●	6.0	1.0	15	50	6
DMR2060R10E1	●	6.0	1.0	15	75	6

ДВОПЕРНИ до 55 HRC DMR 2000



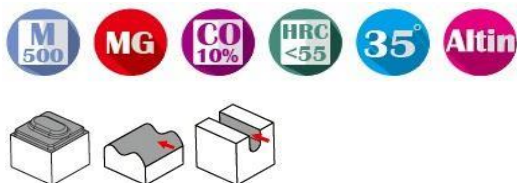
Model No	Stock	Diameter	Radius	Flute length	O.A.L.	Shank Dia
DMR2060R10H	•	6.0	1.0	15	100	6
DMR2080R05	•	8.0	0.5	20	60	8
DMR2080R05E1	•	8.0	0.5	20	75	8
DMR2080R05H	•	8.0	0.5	20	100	8
DMR2080R10	•	8.0	1.0	20	60	8
DMR2080R10E1	•	8.0	1.0	20	75	8
DMR2080R10H	•	8.0	1.0	20	100	8
DMR2100R05	•	10.0	0.5	25	75	10
DMR2100R05H	•	10.0	0.5	25	100	10
DMR2100R10	•	10.0	1.0	25	75	10
DMR2100R10H	•	10.0	1.0	25	100	10
DMR2120R05	•	12.0	0.5	30	75	12
DMR2120R05H	•	12.0	0.5	30	100	12
DMR2120R10	•	12.0	1.0	30	75	12
DMR2120R10H	•	12.0	1.0	30	100	12

ДВОПЕРНИ до 55 HRC EMB 2000



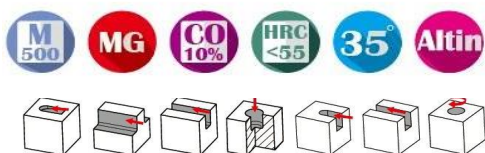
Model No	Stock	Radius	Diameter	Flute length	O.A.L.	Shank Dia
EMB2010	●	0.50	1.0	2.5	50	4
EMB2015	●	0.75	1.5	3.5	50	4
EMB2020	●	1.00	2.0	4.0	50	4
EMB2025	●	1.25	2.5	5.0	50	4
EMB2030	●	1.50	3.0	6.0	50	4
EMB2035	●	1.75	3.5	7.0	50	4
EMB2035E1	●	1.75	3.5	7.0	75	4
EMB2040	●	2.00	4.0	8.0	50	4
EMB2040E1	●	2.00	4.0	8.0	75	4
EMB2040H	●	2.00	4.0	8.0	100	4
 EMB2015D6	●	0.75	1.5	3.0	50	6
EMB2020D6	●	1.00	2.0	4.0	50	6
EMB2025D6	●	1.25	1.5	5.0	50	6
EMB2030D6	●	1.50	3.0	6.0	50	6
EMB2035D6	●	1.75	3.5	7.0	50	6
EMB2035E1D6	●	1.75	3.4	7.0	75	6
EMB2040D6	●	2.00	4.0	8.0	50	6
EMB2040E1D6	●	2.00	4.0	8.0	75	6
EMB2040HD6	●	2.00	4.0	8.0	100	6
EMB2049	●	2.45	4.9	9.8	50	6
EMB2050	●	2.50	5.0	10.0	50	6
EMB2050E1	●	2.50	5.0	10.0	75	6
EMB2050H	●	2.50	5.0	10.0	100	6
EMB2060	●	3.00	6.0	12.0	50	6
EMB2060E1	●	3.00	6.0	12.0	75	6
EMB2060H	●	3.00	6.0	12.0	100	6
EMB2060M	●	3.00	6.0	12.0	150	6
 EMB2065	●	3.25	6.5	13	60	8
 EMB2069	●	3.45	6.9	13.8	60	8

ДВОПЕРНИ до 55 HRC EMB 2000



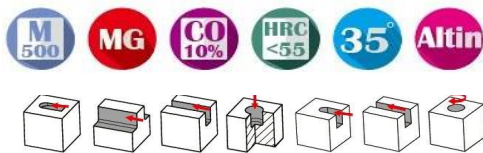
Model No	Stock	Radius	Diameter	Flute length	O.A.L.	Shank Dia
EMB2080	●	4.00	8.0	16.0	60	8
EMB2080E1	●	4.00	8.0	16.0	75	8
EMB2080H	●	4.00	8.0	16.0	100	8
EMB2080M	●	4.00	8.0	16.0	150	8
EMB2080R	●	4.00	8.0	16.0	200	8
EMB2100	●	5.00	10.0	20.0	75	10
EMB2100H	●	5.00	10.0	20.0	100	10
EMB2100M	●	5.00	10.0	20.0	150	10
* EMB2100R	●	5.00	10.0	20.0	200	10
EMB2120	●	6.00	12.0	24.0	75	12
EMB2120H	●	6.00	12.0	24.0	100	12
EMB2120M	●	6.00	12.0	24.0	150	12
* EMB2120R	●	6.00	12.0	24.0	200	12
EMB2160	●	8.00	16.0	32.0	100	16
EMB2160M	●	8.00	16.0	32.0	150	16
EMB2160R	●	8.00	16.0	32.0	200	16
EMB2200	●	10.00	20.0	40.0	100	20
EMB2200M	●	10.00	20.0	40.0	150	20
* EMB2200R	●	10.00	20.0	40.0	200	20

ДВОПЕРНИ до 55 HRC EMM 2000



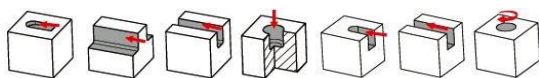
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia	Price
EMM2010	●	1.0	2.5	50	4	
* EMM202011L1033	●	1.1	3.3	50	4	
* EMM2012L1036	●	1.2	3.6	50	4	
* EMM2013L1039	●	1.3	3.9	50	4	
* EMM2014L1042	●	1.4	4.2	50	4	
EMM2015	●	1.5	3.75	50	4	
* EMM2015L1045	●	1.5	4.5	50	4	
* EMM2016L1048	●	1.6	4.8	50	4	
* EMM2017L1051	●	1.7	5.1	50	4	
* EMM2018L1054	●	1.8	5.4	50	4	
* EMM2019L1057	●	1.9	5.7	50	4	
EMM2020	●	2.0	5	50	4	
* EMM2020D6	●	2.0	5	50	6	
* EMM2020L16	●	2.0	6	50	4	
EMM2021L1063	●	2.1	6.3	50	4	
* EMM2022L1066	●	2.2	6.6	50	4	
* EMM2023L1069	●	2.3	6.9	50	4	
* EMM2024L1072	●	2.4	7.2	50	4	
EMM2025	●	2.5	6.25	50	4	
* EMM2025D6	●	2.5	12.5	50	6	
* EMM2025L1075	●	2.5	7.5	50	6	
* EMM2026L1078	●	2.6	7.8	50	4	
* EMM2027L1081	●	2.7	8.1	50	4	
* EMM2028L1084	●	2.8	8.4	50	4	
* EMM2029L1087	●	2.9	8.7	50	4	
EMM2030	●	3.0	7.5	50	4	
* EMM2030D6	●	3.0	7.5	50	6	
* EMM2035	●	3.5	8.75	50	4	
* EMM2035D6	●	3.5	8.75	50	6	

ДВОПЕРНИ до 55 HRC EMM 2000



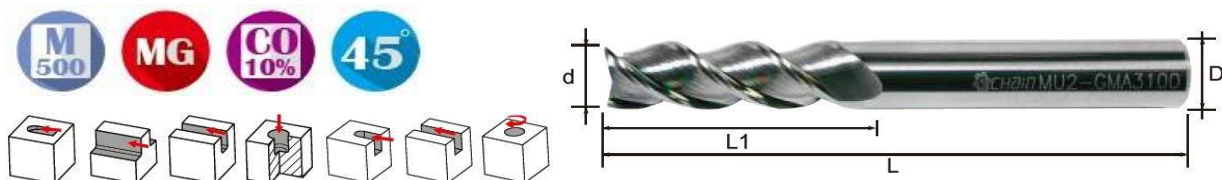
Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia	Price
EMM2040	●	4.0	10	50	4	
EMM2040D6	●	4.0	10	50	4	
EMM2040E1	●	4.0	10	75	4	
EMM2050	●	5.0	12.5	50	6	
EMM2050E1	●	5.0	12.5	75	6	
EMM2050H	●	5.0	12.5	100	6	
EMM2055	●	5.5	13.75	50	6	
EMM2060	●	6.0	15	50	6	
EMM2060E1	●	6.0	15	75	6	
EMM2060H	●	6.0	15	100	6	
EMM2070	●	7.0	17.5	60	8	
EMM2080	●	8.0	20	60	8	
EMM2080E1	●	8.0	20	75	8	
EMM2080H	●	8.0	20	100	8	
EMM2080M	●	8.0	20	150	8	
EMM2080T030	●	8.0	20	60	8	
EMM2090	●	9.0	22.5	75	10	
EMM2100	●	10.0	25	75	10	
EMM2100H	●	10.0	25	100	10	
EMM2100L130	●	10.0	30	75	10	
EMM2100M	●	10.0	25	150	10	
EMM2120	●	12.0	30	75	12	
EMM2120H	●	12.0	30	100	12	
EMM2120M	●	12.0	30	150	12	
EMM2160	●	16.0	48	100	16	
EMM2160M	●	16.0	48	150	16	
EMM2160R	●	16.0	48	200	16	
EMM2200	●	20.0	50	100	20	
EMM2200M	●	20.0	50	150	20	
EMM2200R	●	20.0	50	200	20	
EMM3050	●	5.0	12.5	50	6	
EMM3060	●	6.0	15	50	6	
EMM3080	●	8.0	20	60	8	
EMM3100	●	10.0	25	75	10	

ТРОПЕРНИ за алуминиум НМА 3000



Model No	Stock	Diameter	Flute length	O.A.L.	Shank Dia
HMA3010	●	1.0	3.0	50	4
HMA3015	●	1.5	4.5	50	4
HMA3020	●	2.0	6.0	50	4
HMA3025	●	2.5	7.5	50	4
HMA3030	●	3.0	9.0	50	4
HMA3040	●	4.0	12.0	50	4
HMA3050	●	5.0	15.0	50	6
HMA3060	●	6.0	18.0	50	6
HMA3070	●	7.0	21.0	60	8
HMA3080	●	8.0	24.0	60	8
HMA3090	●	9.0	27.0	75	10
HMA3100	●	10.0	30.0	75	10
HMA3110	●	11.0	33.0	75	12
HMA3120	●	12.0	36.0	75	12
HMA3160	●	16.0	48.0	100	16
HMA3200	●	20.0	60.0	100	20

ТРОПЕРНИ за алуминиум MU2-GMA 3000



Model No	Stock	F.D	Flute length	O.A.L.	Shank Dia
MU2-GMA3040	●	4.0	12	50	4
 MU2-GMA3040D6	●	4.0	12	50	6
 MU2-GMA3050	●	5.0	15	50	6
MU2-GMA3060	●	6.0	18	50	6
MU2-GMA3080	●	8.0	24	60	8
 MU2-GMA3080E1	●	8.0	24	75	8
 MU2-GMA3080H	●	8.0	24	100	8
 MU2-GMA3080M	●	8.0	24	150	8
MU2-GMA3100		10.0	30	75	10
 MU2-GMA3100E1	●	10.0	30	75	10
MU2-GMA3100M		10.0	30	150	10
MU2-GMA3120		12.0	36	75	12
MU2-GMA3120H		12.0	36	100	12
 MU2-GMA3120M		12.0	36	150	12
 MU2-GMA3160		16.0	48	100	16
 MU2-GMA3200		20.0	60	100	20