Merlin Tools Ltd

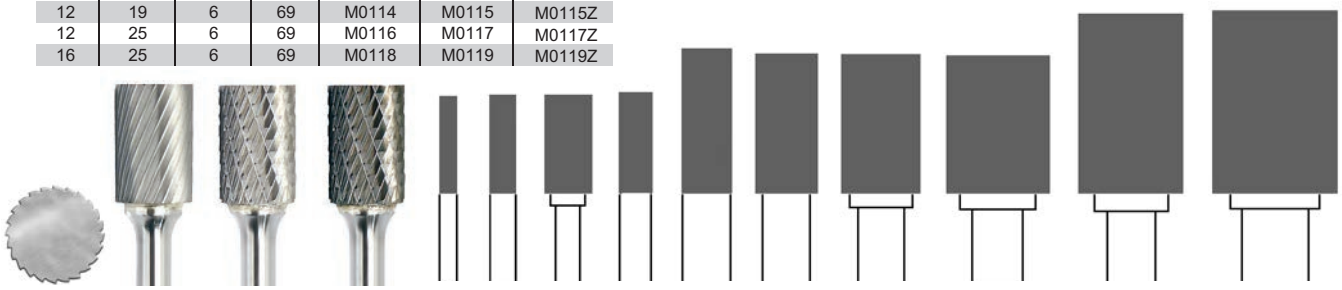
Tungsten Carbide Burrs

Manufactured in the USA
Distributed in the UK

NEW PRODUCT LINES

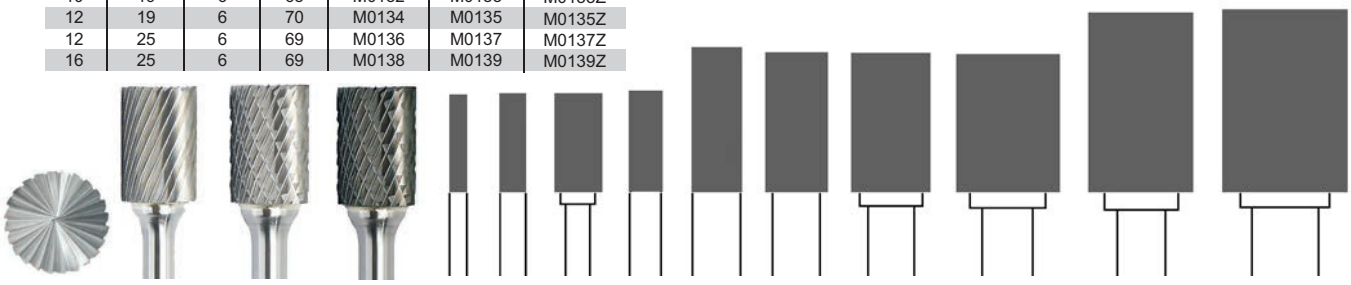
A Cylinder - No End Cut
Standard / Double Cut
Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART N° STANDARD	PART N° DOUBLE	PT N° DBL COATED
2.4	13	2.4	38	M0100	M0101	M0101Z
3	13	3	38	M0102	M0103	M0103Z
6	13	3	50	M0104	M0105	M0105Z
4	13	4	50	M0106	M0107	M0107Z
6	19	6	50	M0108	M0109	M0109Z
8	19	6	63	M0110	M0111	M0111Z
10	19	6	63	M0112	M0113	M0113Z
12	19	6	69	M0114	M0115	M0115Z
12	25	6	69	M0116	M0117	M0117Z
16	25	6	69	M0118	M0119	M0119Z



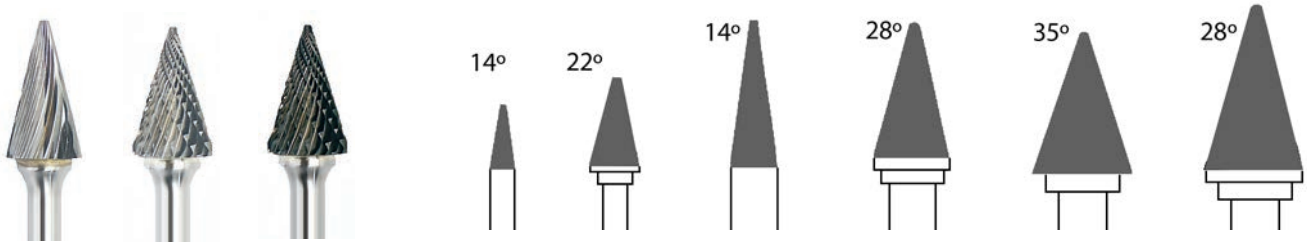
B Cylinder - End Cut
Standard / Double Cut
Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART N° STANDARD	PART N° DOUBLE	PT N° DBL COATED
2.4	13	2.4	38	M0120	M0121	M0121Z
3	13	3	38	M0122	M0123	M0123Z
6	13	3	50	M0124	M0125	M0125Z
4	13	4	50	M0126	M0127	M0127Z
6	19	6	50	M0128	M0129	M0129Z
8	19	6	63	M0130	M0131	M0131Z
10	19	6	63	M0132	M0133	M0133Z
12	19	6	70	M0134	M0135	M0135Z
12	25	6	69	M0136	M0137	M0137Z
16	25	6	69	M0138	M0139	M0139Z



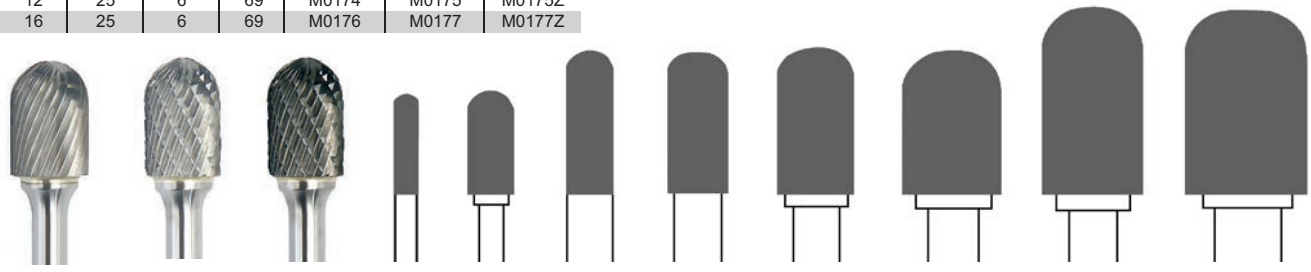
M Cone - Included Angle
Standard / Double Cut
Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART N° STANDARD	PART N° DOUBLE	PT N° DBL COATED
3	11	3	38	M0140	M0141	M0141Z
6	13	3	54	M0142	M0143	M0143Z
6	19	6	50	M0144	M0145	M0145Z
10	16	6	63	M0146	M0147	M0147Z
12	19	6	75	M0148	M0149	M0149Z
12	22	6	69	M0160	M0161	M0161Z



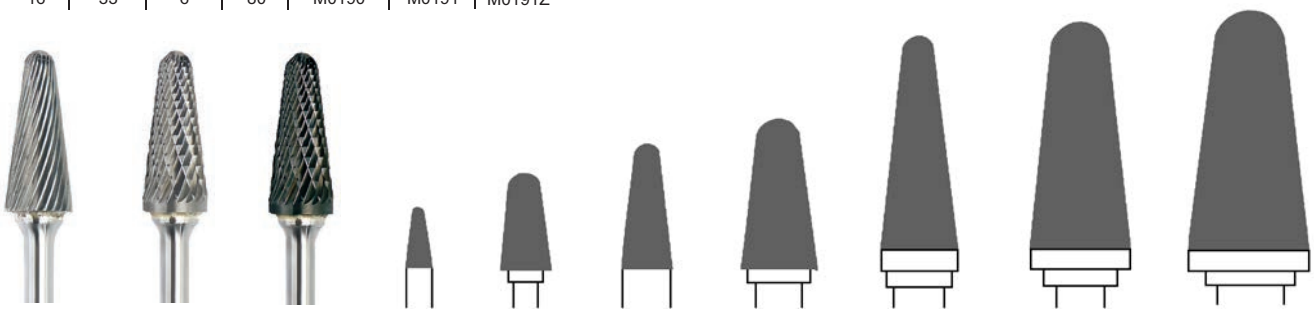
C Ball Nosed Cylinder
Standard / Double Cut
Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART N° STANDARD	PART N° DOUBLE	PT N° DBL COATED
3	13	3	38	M0162	M0163	M0163Z
6	13	3	50	M0164	M0165	M0165Z
6	19	6	50	M0166	M0167	M0167Z
8	19	6	63	M0168	M0169	M0169Z
10	19	6	63	M0170	M0171	M0171Z
12	19	6	69	M0172	M0173	M0173Z
12	25	6	69	M0174	M0175	M0175Z
16	25	6	69	M0176	M0177	M0177Z



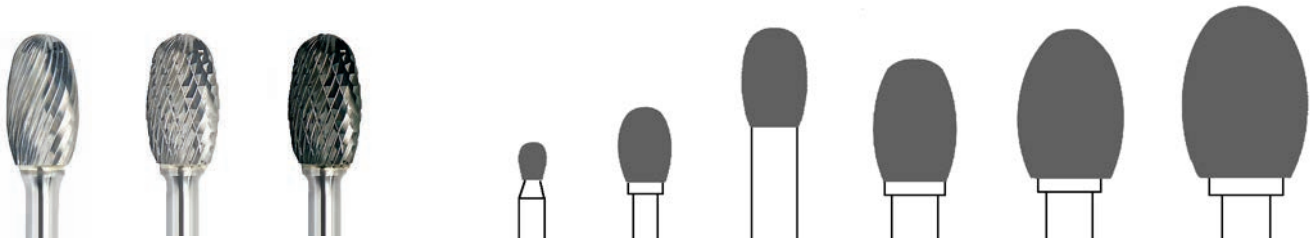
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	8	3	38	M0178	M0179	M0179Z
6	13	3	53	M0180	M0181	M0181Z
6	16	6	50	M0182	M0183	M0183Z
10	19	6	68	M0184	M0185	M0185Z
10	27	6	74	M0186	M0187	M0187Z
12	30	6	76	M0188	M0189	M0189Z
16	33	6	80	M0190	M0191	M0191Z

L Ball Nosed Cone - Included Angle 14º - Standard / Double Cut and Double Cut *TiALN* coated



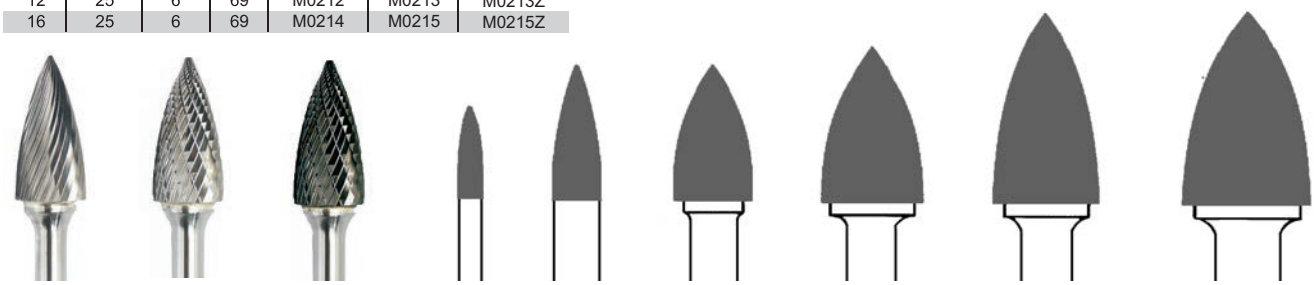
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	6	3	38	M0192	M0193	M0193Z
6	10	3	47	M0194	M0195	M0195Z
8	13	6	68	M0196	M0197	M0197Z
10	16	6	60	M0198	M0199	M0199Z
12	22	6	66	M0200	M0201	M0201Z
16	25	6	69	M0202	M0203	M0203Z

E Oval - Standard / Double Cut and Double Cut *TiALN* coated



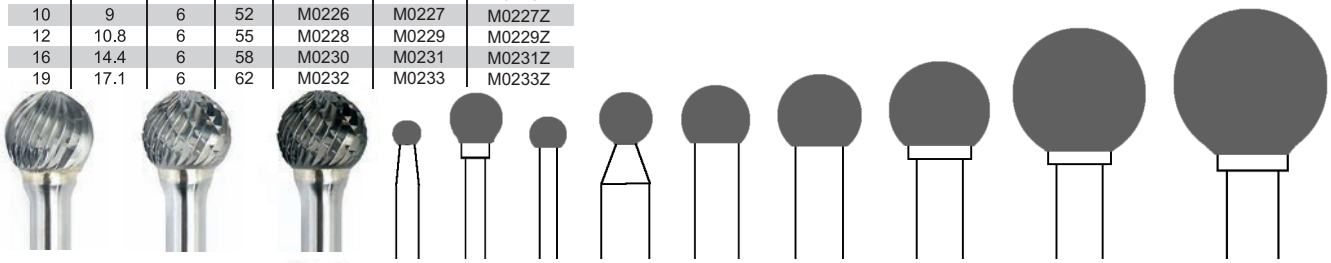
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	13	3	38	M0204	M0205	M0205Z
6	16	6	50	M0206	M0207	M0207Z
10	19	6	63	M0208	M0209	M0209Z
12	19	6	63	M0210	M0211	M0211Z
12	25	6	69	M0212	M0213	M0213Z
16	25	6	69	M0214	M0215	M0215Z

G Tree - Standard / Double Cut and Double Cut *TiALN* coated



HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	2.7	3	38	M0216	M0217	M0217Z
6	5.4	3	44	M0218	M0219	M0219Z
4	3.6	3	42	M0220	M0221	M0221Z
6	5.4	6	50	M0222	M0223	M0223Z
8	7.2	6	50	M0224	M0225	M0225Z
10	9	6	52	M0226	M0227	M0227Z
12	10.8	6	55	M0228	M0229	M0229Z
16	14.4	6	58	M0230	M0231	M0231Z
19	17.1	6	62	M0232	M0233	M0233Z

D Ball - Standard / Double Cut and Double Cut *TiALN* coated



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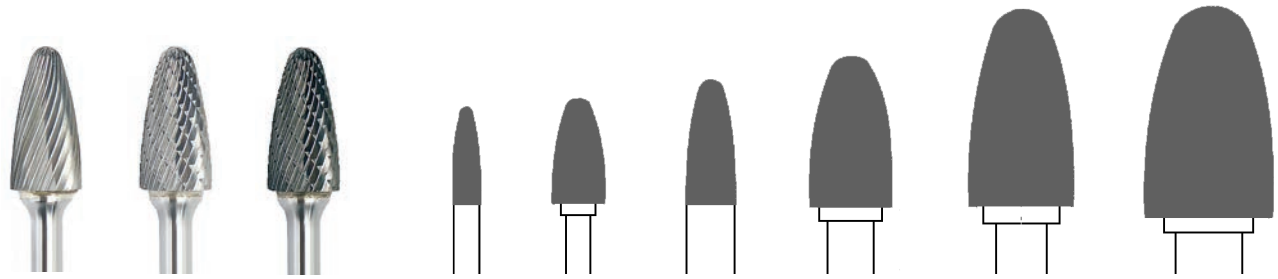
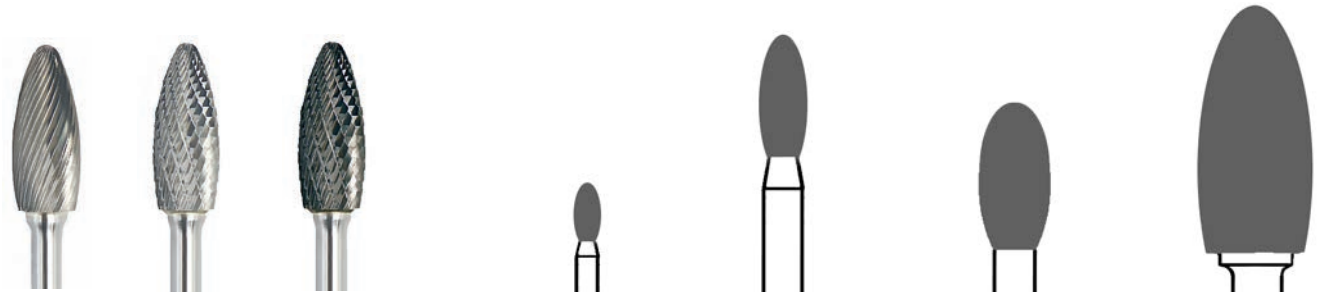
F Ball Nosed Tree Standard / Double Cut and Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	13	3	38	M0234	M0235	M0235Z
6	13	3	50	M0236	M0237	M0237Z
6	16	6	50	M0238	M0239	M0239Z
10	19	6	63	M0240	M0241	M0241Z
12	25	6	69	M0242	M0243	M0243Z
16	25	6	69	M0244	M0245	M0245Z



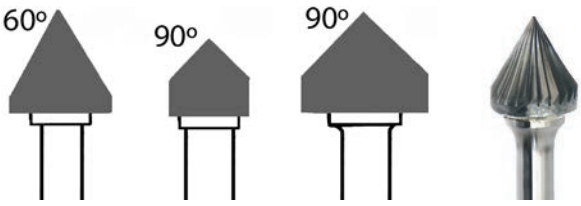
H Flame-Standard / Double Cut and Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	8	3	38	M0246	M0247	M0247Z
6	14	6	50	M0248	M0249	M0249Z
8	19	6	63	M0250	M0251	M0251Z
12	32	6	76	M0252	M0253	M0253Z



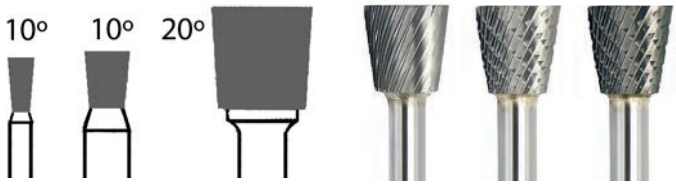
J Countersink Standard Cut

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE
12	11	6	58	M0254	N/A
10	5	6	52	M0256	N/A
16	8	6	57	M0258	N/A



N Inverted Cone - No End Cut Standard / Double Cut and Double Cut *TiALN* coated

HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE	PT Nº DBL COATED
3	6	3	38	M0260	M0261	M0261Z
6	7	6	50	M0262	M0263	M0263Z
12	13	6	69	M0264	M0265	M0265Z



Special Burrs and Sets for specific applications are available. Please call our sales team to discuss your requirements.

***TiALN* Coated tools up to 25% longer life!**

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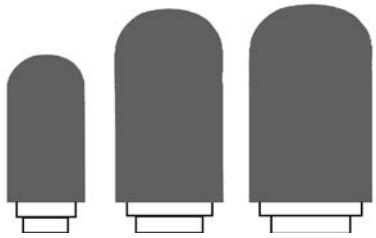
For Aluminium, Plastic and Zinc - Aluminium Cut

Ball Nosed Cylinder

C

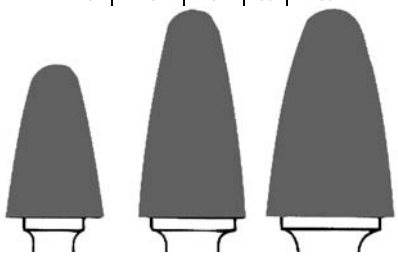
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART NUMBER
10	19	6	63	M0300
12	25	6	69	M0302
16	25	6	69	M0304



Ball Nosed Tree

F

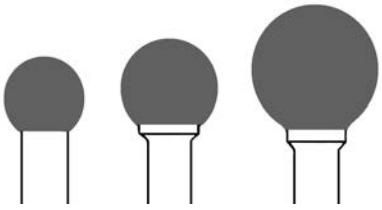
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART NUMBER
10	19	6	63	M0318
12	25	6	69	M0320
16	25	6	69	M0322



Ball

D

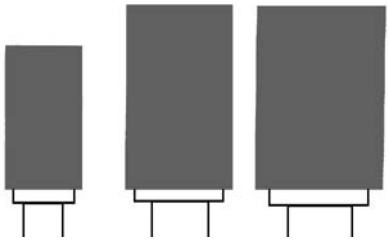
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART NUMBER
10	9	6	52	M0306
12	10.8	6	55	M0308
16	14.4	6	58	M0310



Cylinder End Cut

B

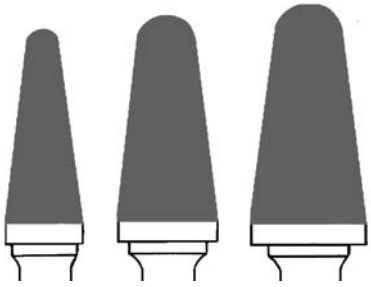
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART NUMBER
10	19	6	63	M0324
12	25	6	69	M0326
16	25	6	69	M0328



Ball Nosed Cone

L

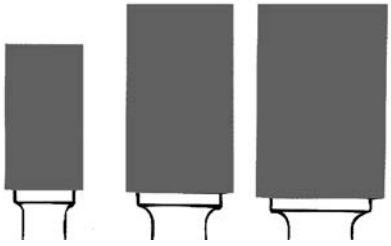
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART NUMBER
10	25	6	74	M0312
12	30	6	76	M0314
16	33	6	80	M0316



Cylinder No-End Cut

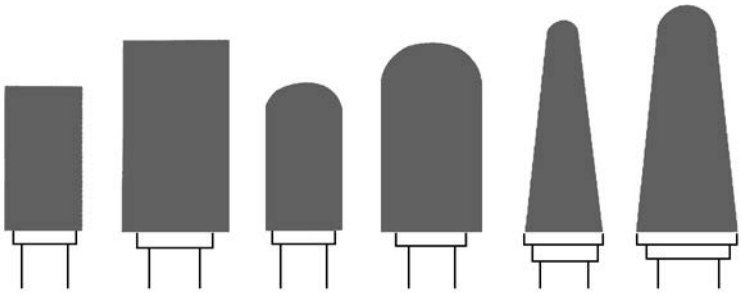
A

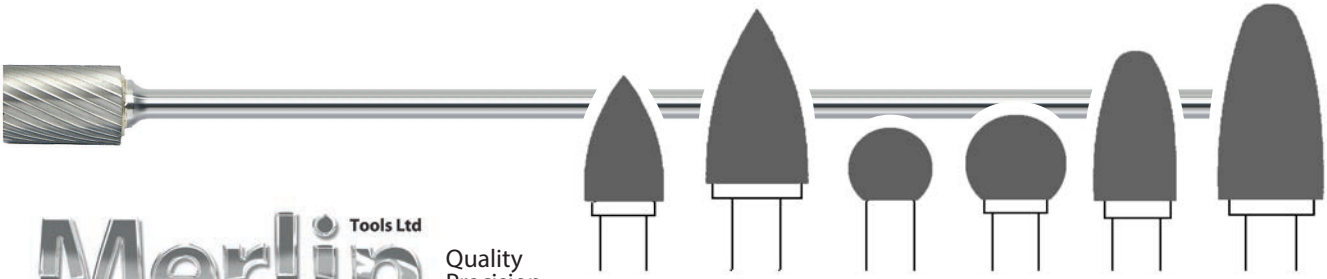
HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART NUMBER
10	19	6	63	M0330
12	25	6	69	M0332
16	25	6	69	M0334



Extra-Long Length - Standard Cut and Double Cut

	HEAD DIA	HEAD LENGTH	SHANK DIA	OAL	PART Nº STANDARD	PART Nº DOUBLE
Cylinder No End Cut	10	19	6	169	M0112XL	M0113XL
Cylinder No End Cut	12	25	6	175	M0116XL	M0117XL
Ball Nosed Cylinder	10	19	6	169	M0170XL	M0171XL
Ball Nosed Cylinder	12	25	6	175	M0174XL	M0175XL
Ball Nosed Cone	10	27	6	177	M0186XL	M0187XL
Ball Nosed Cone	12	30	6	178	M0188XL	M0189XL
Tree	10	19	6	169	M0208XL	M0209XL
Tree	12	25	6	175	M0212XL	M0213XL
Ball	10	9	6	158	M0226XL	M0227XL
Ball	12	10.8	6	161	M0228XL	M0229XL
Ball Nosed Tree	10	19	6	169	M0240XL	M0241XL
Ball Nosed Tree	12	25	6	175	M0242XL	M0243XL





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Burr Sets - Double Cut - Bright and Coated

MB Set 1

5 piece Bright

M0137
M0161
M0243
M0175
M0229

MB Set 1Z

5 piece Coated

M0137Z
M0161Z
M0243Z
M0175Z
M0229Z

MB Set 2

10 piece Bright

M0243
M0213
M0189
M0137
M0175
M0199
M0209
M0229
M0133
M0171

MB Set 2Z

10 piece Coated

M0243Z
M0213Z
M0189Z
M0137Z
M0175Z
M0199Z
M0209Z
M0229Z
M0133Z
M0171Z

MB Set 3

5 piece Aluminium

M0326
M0314
M0320
M0302
M0308

MB Set 4

10 piece Miniature

M0179
M0235
M0163
M0123
M0103
M0205
M0141
M0193
M0247
M0217

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