



Marshal Tools Industries

WOOD - METAL - STONE - ACRYLIC - PVC - RUBBER

PREMIUM
Cluid[®]
PCD, ROUTER & CIRCULAR

GENIUS TOOLS

FOR GENIUS WORK

PRODUCT PRICE LIST

CNC ROUTING



2026 - JULY

STF - 2F STRAIGHT BITS



Application: MDF, Wood

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
STF-0208	2	8	3	38	262
STF-0315	3	15	3	38	262
STF-0422	4	22	4	45	338
STF-0522	5	22	5	50	538
STF-0625	6	25	6	50	692
STF-0825	8	25	8	50	1231
STF-0830	8	30	8	60	1415
STF-1030	10	30	10	60	2192
STF-1035	10	35	10	70	2462
STF-1230	12	30	12	60	3077
STF-1235	12	35	12	70	3508
MEDIUM SERIES					
STF-0325	3	25	3	50	331
STF-0425	4	25	4	50	385
STF-0430	4	30	4	55	431
STF-0540	5	40	5	75	846
STF-0632	6	32	6	60	923
STF-0640	6	40	6	75	1077
STF-0840	8	40	8	75	1769
STF-1040	10	40	10	75	2615
STF-1240	12	40	12	75	3692
LONG SERIES					
STF-0650	6	50	6	100	1462
STF-0850	8	50	8	100	2462
STF-1050	10	50	10	100	3462
STF-1250	12	50	12	100	4923
EXTRA LONG SERIES					
STF-0675	6	75	6	120	2077
STF-0875	8	75	8	120	3077
STF-1075	10	75	10	120	4308
STF-1275	12	75	12	120	6308
STF-12100	12	100	12	150	8308
HEAVY SERIES					
STF-2608	2	8	6	50	692
STF-3615	3	15	6	50	692
STF-4620	4	20	6	50	692
STF-4625	4	25	6	50	738
STF-5622	5	22	6	50	692
STF-4825	4	25	8	60	1538
STF-5825	5	25	8	60	1538
STF-6825	6	25	8	60	1538

DSTF - 2F STRAIGHT DLC COATED



Application: MDF, Wood

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
DSTF-0317	3	17	3	38	323
DSTF-0422	4	22	4	45	385
DSTF-0522	5	22	5	50	585
DSTF-0625	6	25	6	50	738
DSTF-0830	8	30	8	60	1462

STB - 2F STRAIGHT BALLNOSE



Application: MDF, Wood

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STB-0422	4	22	4	45	353
STB-0522	5	22	5	50	538
STB-0625	6	25	6	50	692
STB-0830	8	25	8	60	1415

STF3 - 3F STRAIGHT CHIP-BREAKER



Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STF3-0625	6	25	6	50	738
STF3-0830	8	30	8	60	1538
STF3-1035	10	35	10	75	2615
STF3-1235	12	35	12	75	3569

SF - SINGLE FLUTE



Application: Acrylic, ACP, PVC

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
SF-0106	1	6	3	38	277
SF-0208	2	8	3	38	262
SF-0315	3	15	3	38	262
SF-0422	4	22	4	45	338
SF-0522	5	22	5	50	538
SF-0625	6	25	6	50	692
SF-0830	8	30	8	60	1415
SF-1032	10	32	10	75	2538
SF-1232	12	32	12	75	3538
MEDIUM SERIES					
SF-0325	3	25	3	50	331
SF-0425	4	25	4	50	385
SF-0430	4	30	4	55	431
SF-0640	6	40	6	70	1077
SF-0840	8	40	8	75	1769
SF-0450	4	50	6	100	769
SF-0650	6	50	6	100	1462
SF-0850	8	50	8	100	2462
SF-1050	10	50	10	100	3462
SF-1250	12	50	12	100	4923

SFA - SINGLE FLUTE ACP



Application: ACP, Aluminum

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
SFA-0208	2	8	3	38	308
SFA-0312	3	12	3	38	308
SFA-0420	4	20	4	45	385
SFA-0625	6	25	6	50	738

DSFA - ACP SINGLE FLUTE DLC Coated



Application: ACP, Aluminum

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
DSFA-0312	3	12	3	38	346
DSFA-0420	4	20	4	45	431
DSFA-0625	6	25	6	50	769

SFD - SINGLE FLUTE DOWN-CUT



Application: ACP, Aluminum

HARDNESS: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
SFD-0315	3	15	3	38	308
SFD-0422	4	22	4	45	385
SFD-0625	6	25	6	50	738

CRH - COPY ROUTER BIT (HSS)



Application: Copy Router

HSS Material

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
CRH-0514	5	14	8	60	538
CRH-0614	6	14	8	60	538
CRH-0416	4	16	8	80	646
CRH-0516	5	16	8	80	646
CRH-0616	6	16	8	80	646
CRH-0816	8	16	8	80	646
CRH-0622	6	22	8	80	692

CRC - COPY ROUTER BIT CARBIDE



Application: Copy Router

Carbide Material

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
CRC-0516	5	16	8	60	2215
CRC-0616	6	16	8	60	2215

E2C - ENDMILL TWO FLUTES COATED (2F)



Application: Ferrous & Non-Ferrous

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
E2C-0105	1	5	3	38	277
E2C-0156	1.5	6	3	38	277
E2C-0208	2	8	3	38	277
E2C-0315	3	15	3	38	277
E2C-0422	4	22	4	45	338
E2C-0522	5	22	5	50	538
E2C-0625	6	25	6	50	692
E2C-0830	8	30	8	60	1415
E2C-1030	10	30	10	70	2538
E2C-1230	12	30	12	70	3538
MEDIUM SERIES					
E2C-0325	3	25	3	50	331
E2C-0335	3	35	3	70	431
E2C-0430	4	30	4	60	431
E2C-0435	4	35	4	70	554
E2C-0540	5	40	5	75	846
E2C-0632	6	32	6	60	923
E2C-0640	6	40	6	75	1077
E2C-0840	8	40	8	75	1815
LONG SERIES					
E2C-0350	3	50	3	100	554
E2C-0450	4	50	4	100	769
E2C-0550	5	50	5	100	1077
E2C-0650	6	50	6	100	1462
E2C-0850	8	50	8	100	2462
E2C-1050	10	50	10	100	3462
E2C-1250	12	50	12	100	4923
EXTRA LONG SERIES					
E2C-0675	6	75	6	150	2462
E2C-0875	8	75	8	150	3569
E2C-1075	10	75	10	150	4923
E2C-1275	12	75	12	150	7615
E2C-12100	12	100	12	150	8308

E2D - SPIRAL ENDMILL DOWNCUT 2F



Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
E2D-0315	3	15	3	38	308
E2D-0422	4	20	4	45	385
E2D-0625	6	25	6	50	738
E2D-0830	8	30	8	60	1477

E4C - ENDMILL 4F COATED



Application: Ferrous & Non-Ferrous

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
E4C-0104	1.5	5	3	38	362
E4C-0155	1.5	5	3	38	362
E4C-0208	2	8	3	38	362
E4C-0315	3	15	3	38	323
E4C-0420	4	22	4	45	385
E4C-0522	5	22	5	50	577
E4C-0625	6	25	6	50	738
E4C-0825	8	25	8	60	1477
E4C-1030	10	30	10	70	2538
E4C-1230	12	30	12	70	3462
MEDIUM SERIES					
E4C-0335	3	35	3	70	438
E4C-0435	4	35	4	70	585
E4C-0540	5	40	5	75	877
E4C-0640	6	40	6	75	1138
E4C-0840	8	40	8	75	1846
LONG SERIES					
E4C-0350	3	50	3	100	615
E4C-0450	4	50	4	100	738
E4C-0550	5	50	5	100	1154
E4C-0650	6	50	6	100	1538
E4C-0850	8	50	8	100	2523
E4C-1040	10	40	10	100	3462
E4C-1245	12	45	12	100	5000
EXTRA LONG SERIES					
E4C-0675	6	75	6	150	2462
E4C-0875	8	75	8	150	3323
E4C-1075	10	75	10	150	4923
E4C-1275	12	75	12	150	7615
E4C-12100	12	100	12	150	8308

E4M - ENDMILL 4F METAL - 55 HRC



Application: Metals

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
E4M-0309	3	8	3	50	362
E4M-0412	4	11	4	50	431
E4M-0515	5	13	5	50	615
E4M-0618	6	18	6	50	846
E4M-0820	8	20	8	60	1569
E4M-1025	10	25	10	75	2692
E4M-1230	12	30	12	75	3692

B2C - BALLNOSE 2F COATED



Application: Profiling and 3D

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
B2C-0105	1	5	3	38	277
B2C-0156	1.5	6	3	38	277
B2C-0208	2	8	3	38	277
B2C-0315	3	15	3	38	277
B2C-0422	4	22	4	45	338
B2C-0522	5	22	5	50	538
B2C-0625	6	25	6	50	692
B2C-0830	8	30	8	60	1415
B2C-1030	10	30	10	75	2538
B2C-1230	12	30	12	75	3538
MEDIUM SERIES					
B2C-0325	3	25	3	50	331
B2C-0335	3	35	3	70	431
B2C-0430	4	30	4	60	431
B2C-0435	4	35	4	70	554
B2C-0540	5	40	5	75	846
B2C-0632	6	32	6	60	923
B2C-0640	6	40	6	75	1077
B2C-0840	8	40	8	75	1815
LONG SERIES					
B2C-0350	3	50	3	100	554
B2C-0450	4	50	4	100	769
B2C-0550	5	50	5	100	1077
B2C-0650	6	50	6	100	1462
B2C-0850	8	50	8	100	2462
B2C-1050	10	50	10	100	3462
B2C-1250	12	50	12	100	4923
EXTRA LONG SERIES					
B2C-0675	6	75	6	150	2462
B2C-0875	8	75	8	150	3569
B2C-1075	10	75	10	150	4923
B2C-1275	12	75	12	150	7615
B2C-12100	12	75	12	150	8308
NON-COATED LONG SERIES					
B2N-0315	3	15	3	38	262
B2N-0422	4	22	4	45	338
B2N-0522	5	22	5	50	538
B2N-0625	6	25	6	50	692
B2N-0825	8	25	8	50	1231
B2N-0830	8	30	8	60	1415
B2N-1030	10	30	10	60	2192
B2N-1040	10	40	10	75	2692
B2N-1230	12	30	12	60	3508
B2N-1240	12	40	12	75	3692

B4C - BALLNOSE 4F COATED



Application: Profiling and 3D

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
B4B-0208	2	8	3	38	362
B4B-0315	3	15	3	38	323
B4B-0420	4	22	4	45	385
B4B-0522	5	22	5	50	577
B4B-0625	6	25	6	50	738
B4B-0825	8	25	8	60	1477
B4B-1030	10	30	10	70	2538
B4B-1230	12	30	12	70	3462
MEDIUM SERIES					
B4C-0435	4	35	4	70	585
B4C-0540	5	40	5	75	877
B4C-0640	6	40	6	75	1138
B4C-0840	8	40	8	75	1846
LONG SERIES					
B4C-0450	4	50	4	100	738
B4C-0550	5	50	5	100	1154
B4C-0650	6	50	6	100	1538
B4C-0850	8	50	8	100	2523
B4C-1050	10	50	10	100	3462
B4C-1250	12	50	12	100	5000
EXTRA LONG SERIES					
B4C-0675	6	75	6	150	2462
B4C-0875	8	75	8	150	3323
B4C-1075	10	75	10	150	4923
B4C-1275	12	75	12	150	7615

TBS - STRAIGHT TAPER BALLNOSE



Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TBS-1625	1	25	6	50	738
TBS-2625	2	25	6	50	738
TBS-3625	3	25	6	50	738
TBS-4625	4	25	6	50	738
TBS-2640	2	40	6	75	1154
TBS-3640	3	40	6	75	1154
TBS-4640	4	40	6	75	1154

TB - TAPER BALLNOSE SPIRAL 2F



Application: Profiling and 3D

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
STANDARD SERIES					
TB-05625	0.5	25	6	50	785
TB-1625	1	25	6	50	785
TB-15625	1.5	25	6	50	785
TB-2625	2	25	6	50	785
TB-3625	3	25	6	50	785
TB-4625	4	25	6	50	785
TB-5625	5	25	6	50	785
MEDIUM SERIES					
TB-1640	1	40	6	75	1177
TB-15640	1.5	40	6	75	1177
TB-2640	2	40	6	75	1177
TB-3640	3	40	6	75	1177
TB-4640	4	40	6	75	1177
TB-2840	2	40	8	75	1846
TB-3840	3	40	8	75	1846
TB-4840	4	40	8	75	1846
TB-5840	5	40	8	75	1846
TB-6840	6	40	8	75	1846
LONG SERIES					
TB-1650	1	50	6	100	1569
TB-2650	2	50	6	100	1569
TB-3650	3	50	6	100	1569
TB-4650	4	50	6	100	1569
TB-2850	2	50	8	100	2538
TB-3850	3	50	8	100	2538
TB-4850	4	50	8	100	2538
TB-5850	5	50	8	100	2538
TB-6850	6	50	8	100	2538
TB-61250	6	50	12	100	5077
EXTRA LONG SERIES					
TB-21075	2	75	10	120	4615
TB-31075	3	75	10	120	4615
TB-41075	4	75	10	120	4615
TB-61075	6	75	10	120	4615
TB-310100	3	100	10	150	5385
TB-410100	4	100	10	150	5385
TB-610100	6	100	10	150	5385
TB-612100	6	100	12	150	8308
4F SERIES					
TB4-3625	3	6	25	50	815
TB4-4625	4	6	25	50	815

E2UD - ENDMILL 2F UP-DOWN CUT



Application: Cement Sheet, PCB

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
E2UD-0317	3	17	3	38	362
E2UD-0420	4	22	4	45	431
E2UD-0625	6	25	6	50	846
E2UD-0830	8	30	8	60	1692
E2UD-1030	10	30	10	75	2846
E2UD-1235	12	35	12	75	3923

CT - CORN TEETH



Application: Cement Sheet, PCB

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
CT-0208	2	12	3	38	308
CT-0315	3	15	3	38	308
CT-0420	4	22	4	45	385
CT-0522	5	22	5	50	585
CT-0625	6	25	6	50	746
CT-0640	6	40	6	75	1154
CT-0830	8	30	8	60	1538
CT-0840	8	40	8	75	1923
CT-1030	10	30	10	70	2615
CT-1235	12	35	12	75	3615

EG - ENGRAVING TOOL



Application: Carving

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
EG-0125	1	25	6	50	677
EG-0135	1	35	6	70	1077
EG-0150	1	50	6	100	1385

PEN - PENTOGRAPH HALF-CUT



Application: Carving

Hardness: HRC55

Code	Cutting Dia	Degree	Shank Dia	Total Length	Price
PEN-0360	3	60°	3	38	254
PEN-0460	4	60°	4	45	308
PEN-0645	6	45°	6	50	615
PEN-0660	6	60°	6	50	615
PEN-0860	8	60°	8	60	1231

TCT - TCT 2F STRAIGHT



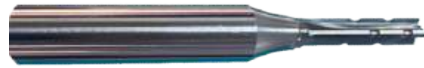
Application: ACP, MDF			Hardness: HRC65		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TCT-0312	3	12	6/6.35/8/12	55	277
TCT-0315	3	15	6/8	58	362
TCT-0320	3	20	8	72	462
TCT-0412	4	12	6/8	55	385
TCT-0415	4	15	6/6.35/8/12	58	415
TCT-0420	4	20	6/8	72	508
TCT-0425	4	25	6	78	646
TCT-0520	5	20	8	72	569
TCT-0620	6	20	8/12	72	615
TCT-0625	6	25	12	78	769
TCT-0628	6	28	12	80	877
TCT-0820	8	20	12	72	923
TCT-0825	8	25	12	80	1308
TCT-0828	8	28	12	80	1385

TCT - TCT 2F STRAIGHT (ADVANCED CUT)



Application: ACP, MDF			Hardness: HRC65		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TCT-1506A	1.5	6	8	52	338
TCT-0208A	2	8	6/8/12	52	323
TCT-0312A	3	12	6/6.35/8/12	55	323
TCT-0315A	3	15	6/8	58	385
TCT-0320A	3	20	8	72	462
TCT-0412A	4	12	6/8	55	415
TCT-0415A	4	15	6/6.35/8/12	58	462
TCT-0420A	4	20	6/8	72	585
TCT-0425A	4	25	6	78	738
TCT-0520	5	20	8	72	585
TCT-0525A	5	25	8	78	653
TCT-0620A	6	20	8/12	72	615
TCT-0625A	6	25	12	78	800
TCT-0628A	6	28	12	80	954
TCT-0720A	7	20	12	72	1385
TCT-0820A	8	20	12	72	1077
TCT-0825A	8	25	12	80	1347
TCT-0828A	8	28	12	80	1462

TCB - 3F STRAIGHT TCT CHIP-BREAKER



Application: ACP, MDF			Hardness: HRC65		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TCB-0420	4	20	8	72	569
TCB-0620	6	20	12	72	615
TCB-0625	6	25	12	78	800
TCB-0628	6	28	12	80	923
TCB-0820	8	20	12	72	1077
TCB-0825	8	25	12	80	1347
TCB-0828	8	28	12	80	1462

TCT2C - TCT 2F COATED



Application:			Hardness: HRC55		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TCT-0312C	3	12	8	55	338
TCT-0412C	4	12	8	55	462
TCT-0420C	4	20	12	72	647
TCT-0620C	6	20	12	72	692
TCT-0820C	8	20	12	72	1153

TCC - TCT 2F COMPRESSION BITS



Application:			Hardness: HRC55		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TCC-0620	6	20	12	72	877
TCC-0820	8	20	12	72	1692

TTB - TCT 2F TAPER BALLNOSE



Application:			Hardness: HRC55		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TTB-3.2	3.2	20	12	72	846

L - LATHE TOOLS



Application:

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
L40-SET		40	20	200	10000
L40-HEAD		40	20	200	8462
L28-SET		28	20	200	8462
L28-HEAD		28	20	200	7385

E3A - ENDMILL 3F FOR ALUMINUM



Application: Aluminum

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
E3A-0350	3	9	3	50	362
E3A-0450	4	11	4	50	431
E3A-0550	5	13	5	50	615
E3A-0650	6	15	6	50	846
E3A-0860	8	20	8	60	1569
E3A-1075	10	25	10	75	2692
E3A-1275	12	30	12	75	3692

MIN - MINI WORD CUTTER



Application: Letter Cutting

Hardness: HRC55

Code	Cutting Dia	CL	Shank Dia	Total Length	Price
MIN-0130	1	22	12	60	4000
MIN-1530	1.5	22	12	60	4000

N2 - NEON 2F BITS



Application: Letter Cutting

Hardness: HRC55

Code	Cutting Dia	CL	Shank Dia	Total Length	Price
N2-0642	6	4.2	10	50	2769
N2-0658	6	5.8	10	50	2769
N2-0842	8	4.2	10	50	2769
N2-0858	8	5.8	10	50	2769

F SERIES - SINTERED DIAMOND



Application: Granite/Sandstone			Diamond grain		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
ENDMILL SERIES					
FP-0306	3	6	6	75	277
FP-0408	4	8	6	75	277
FP-0620	6	20	6	75	277
FP-0820	8	20	8	80	415
FP-1020	10	20	10	90	538
FP-1220	12	20	12	90	646



Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
BALLNOSE SERIES					
FQ-0306	3	6	6	90	277
FQ-0408	4	8	6	90	277
FQ-0620	6	20	6	90	277
FQ-0820	8	20	8	90	415
FQ-1020	10	20	10	90	538



Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
TAPER SERIES					
FZ-2620	2	20	6	75	277
FZ-3620	3	20	6	75	277
FZ-4620	4	20	6	75	277
FZ-3825	3	25	8	80	415
FZ-4825	4	25	8	80	415
FZ-41030	4	30	10	75	569
FZ-61030	6	30	10	90	569
FZ-61230	6	30	12	90	692

R4 - ROUGHER ENDMILLS 4F



Application: Roughing			Hardness: HRC55		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
R4-0422	4	22	4	45	615
R4-0625	6	25	6	50	1000
R4-0825	8	25	8	60	1846
R4-1030	10	30	10	70	2923
R4-1230	12	30	12	75	3847

C SERIES - VACCUUM BRAZED STONE TOOLS



Application: Marble			Diamond grains		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
ENDMILL SERIES					
CP-0315	3	15	6	60	200
CP-0415	4	15	6	60	200
CP-0620	6	20	6	60	200
CP-0825	8	25	8	90	253
CP-1030	10	30	10	120	353
CP-1230	12	30	12	120	385
BALLNOSE SERIES					
CQ-0315	3	20	6	60	200
CQ-0415	4	20	6	60	200
CQ-0620	6	20	8	60	200
CQ-0825	8	25	8	90	253
CQ-1030	10	30	10	120	353
CQ-1230	12	30	12	120	385
TAPER SERIES					
CZ-2620	2	20	6	60	200
CZ-3620	3	20	6	60	200
CZ-4620	4	20	6	60	200
CZ-3825	3	25	8	90	253
CZ-4825	4	25	8	90	253
CZ-31030	3	30	10	120	353
CZ-41030	4	30	10	120	353
CZ-61030	6	30	10	120	353
CZ-61240	6	40	12	120	385
CZ-41060	4	60	10	120	430
CZ-61060	6	60	10	120	430
CZ-81260	8	60	12	120	462
CZ-310100	3	100	10	160	538
CZ-410100	4	100	10	160	538
CZ-610100	6	100	10	160	538

A SERIES - STONE ENRAVING ALLOY BITS



Application: Stone Engraving			Carbide Tip/Steel Shank		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
A40	6	40	6	60	185
A60	6	60	6	60	185
A90	6	90	6	60	185

D SERIES - GRANITE MARBLE VACUUM



Application: Granite/Sandstone			Diamond grain		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
ENDMILL & BALLNOSE SERIES					
DP/DQ-0620	6	20	6	90	308
DP/DQ-0820	8	20	8	90	385
DP-1020	10	20	10	120	538
DP-1220	12	20	12	120	585
DP-1620	16	20	16	200	1154
TAPER SERIES					
DZ-3625	3	25	6	60	369
DZ-3830	3	30	8	90	462
DZ-4830	4	30	8	90	462
DZ-31030	3	30	10	120	508
DZ-41030	4	30	10	120	508
DZ-61030	6	30	10	120	508
DZ-61240	6	40	12	120	615
DZ-41050	4	50	10	120	647
DZ-61050	6	50	10	120	647
DZ-41080	4	80	10	160	923

PCD2 - PCD 2F STRAIGHT



Application: Stone Engraving			Carbide Tip/Steel Shank		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
PCD2-0615	6	15	12	70	4385
PCD2-0815	8	15	12	70	4500
PCD2-1020	10	20	12	70	4615
PCD2-1220	12	20	12	70	4769

PCD1 - PCD 1-FLUTE



Application: Copy Router			PCD 1.6MM		
Code	Cutting Dia	Angle	Shank Dia	Total Length	Price
PCD1-70	6	70°	6	40	1308
PCD1-90	6	90°	6	40	1308

PCD6 - PCD 6-FLUTE



Application: Copy Router			PCD 1.6MM		
Code	Cutting Dia	Angle	Shank Dia	Total Length	Price
PCD6-70	6	70°	6	40	1308
PCD6-90	6	90°	6	40	1308

HBB - HINGE BORING BIT



Application: Multi Boring Machines

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
HBB-15	5	40	10	70	585
HBB-20	6	40	10	70	723
HBB-25	8	40	10	70	800
HBB-30	10	40	10	70	877
HBB-35	12	40	10	70	954

MBB - MULTI BORING BIT FOR BLIND HOLE



Application: Multi Boring Machines

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
MBB-05	5	40	10	70	230
MBB-06	6	40	10	70	247
MBB-08	8	40	10	70	262
MBB-10	10	40	10	70	308
MBB-12	12	40	10	70	362
MBB-15	15	40	10	70	500

MBT - MULTI BORING BIT FOR THROUGH HOLE



Application: Multi Boring Machines

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
MBT-05	5	40	10	70	362
MBT-06	6	40	10	70	385
MBT-08	8	40	10	70	462
MBT-10	10	40	10	70	538
MBT-12	12	40	10	70	692
MBT-15	15	40	10	70	846

R3 - ROUGHER ENDMILLS 3F



Application: Roughing

Hardness: HRC55

Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
R3-0650	6	50	6	100	1846
R3-0850	8	50	8	100	2769
R3-1050	10	50	10	100	3692
R3-1250	12	50	12	100	5231
R3-1695	16	55/95	16	165	12000

BE - BRAZED ENDMILL



Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
BE-12	12	15	12	42	308
BE-15	15	18	12	45	369
BE-19	19	20	12	45	431
BE-25	25	20	12	50	538
BE-32	32	20	12	60	615
BE-35	35	20	12	60	769

BN - BALLNOSE COVE BOX ROUTER BIT



Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
BN-12	12	9.5	12	42	292
BN-15	15	10	12	45	338
BN-19	19	12	12	45	415
BN-25	25	15	12	50	492
BN-32	32	19	12	50	615
BN-35	35	19	12	50	692

OB - OVOLO ROUTER BIT



Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank Dia	Total Length	Price
OB-8	8	6	8	42	230
OB-10	10	7	8	42	253
OB-12	12	8	8	42	277
OB-15	15	10	8	45	323
OB-19	19	15	8	45	385
OB-22	22	15	8	45	462
OB-25	25	15	8	50	492
OB-32	32	16	8	50	615
OB-38	38	16	8	50	692

VB - V ROUTER BITS



Application: Wood			Use on Hand Router and CNC Router Machine			
Code	Cutting Dia	Cutting Length	Shank	Degree	Total Length	Price
VB-12	12	13	8	90°	42	292
VB-15	15	15	8	90°	45	338
VB-19	19	18	8	90°	45	415
VB-25	25	20	8	120°	50	492
VB-32	32	20	8	90°	50	615
VB-32A	32	20	8	120°	50	615
VB-20	20	18	8	90°	45	462
VB-20A	20	18	8	135°	46	462

MR - MEMBRANE ROUTER BITS (STEP TOOL)



Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank	Total Length	Price
MR-25	25	13	12	42	569
MR-28	28	15	12	45	569
MR-30	30	18	12	45	615
MR-32	32	20	12	50	615

RN - ROUND NOSE ROUTER



Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank	Total Length	Price
RN-06	6	12	12	40	254
RN-08	8	20	12	50	277
RN-10	10	20	12	50	308
RN-12	12	20	12	50	385

OC - OPEN END CARVING ROUTER



Code	Cutting Dia	Cutting Length	Shank	Radius	Total Length	Price
OC-12	12	8	8	R6	40	277
OC-15	15	10	8	R7.5	50	323
OC-19	19	15	8	R9.5	50	385
OC-25	25	15	8	R12.5	50	492

SB - STRAIGHT BIT ROUTER



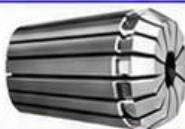
Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank	Total Length	Price
SB-07	7	25	8	50	253
SB-08	8	25	8	50	277
SB-10	10	30	12	70	308
SB-12	12	40	12	75	385

RF - WAVE ROOF ROUTER BITS



Application: Wood			Use on Hand Router and CNC Router Machine		
Code	Cutting Dia	Cutting Length	Shank	Total Length	Price
RF-19	19	10.5	12	46	415
RF-25	25	13	12	48	538

ER COLLET / ER NUTS / ER SPANNER



ER COLLET	SIZE	Price	ER SPANNER	Price	ER NUT	Price
ER8	1-5	215	ER20A	277	ER8A	262
ER11	1-7	215	ER25C	308	ER11A	262
ER16	1-10	200	ER25UM	338	ER16A	262
ER20	2-13	200	ER32C	323	ER20A	262
ER25	2-16	215	ER32UM	353	ER25UM	285
ER32	2-20	230	ER40C	385	ER32UM	308
ER40	3-26	362	ER40UM	462	ER40UM	385