



Price List - MC 45

Solid Carbide New Products

(With effect from 1st April 2019)



TERMS AND CONDITIONS

PRICE

- This is supplementary to MC45 Pricelist and effective from April 2019
- Prices given in this pricelist are base prices. Taxes are extra as applicable.
- Price given here are for standard products
- For unlisted intermediate sizes, the higher price of the nearest listed size will apply.
- The prices are for delivery on F.O.R. Destination
- The prices are based on the present input costs and are subject to revision without prior notice.
- The dealers / stockists are free to sell the goods at prices lower than the prices indicated in this price list.

Minimum Order Quantities (MOQ)

- For Micro Grain Solid Carbide Tools MOQ – 5 Nos. Each
- Any order for a quantity lesser than MOQ can be supplied with an additional surcharge, which will be furnished on request

Delivery

Standard deliveries are indicated below, however Special Deliveries can be considered on request based on available load position at the time of Ordering.

Micro Grain Solid Carbide Tools

- FMI (Fast Moving Items) – within 1 week for MOQ Quantities from the date of Order Acknowledgement
- OTHER products - within 3 to 4 weeks for MOQ Quantities from the date of Order Acknowledgement

Other Instructions

The products indicated in this pricelist are confirming to National & International Standards. However, we can manufacture and supply special and customized tools as per the requirement of the customers and end-users on request.

For special requirements please send your enquiries to: enquiry@addison.co.in / customersupport@addison.co.in

PRODUCT CATEGORY

Product Category	Length	Sub Category	Page No.
Reinforced Shank Drills			
Reinforced Shank Drills	L/D - 3	Without Internal coolant	1
	L/D - 5	Without Internal coolant	5
	L/D - 8	With Internal coolant	9
Square Nose End Mills			
Square Nose End Mills	Stub	2 Flute / 4 Flute	12-13
	Regular	2 Flute / 4 Flute	14-15
	Long	2 Flute / 4 Flute	16-17
	Extra Long	4 Flute	18
Ball Nose End Mills			
Ball Nose End Mills	Stub	2 Flute / 4 Flute	19-20
	Regular	2 Flute / 4 Flute	21-22
	Long	2 Flute / 4 Flute	23-24
	Extra Long	2 Flute	25
Die & Mold Ball Nose Endmills			
Die & Mold Series	Soft (35 - 50 HRC)	2 Flute	26
	Medium (50 - 60 HRC)	2 Flute	27

REINFORCED SHANK DRILLS (L/D : 3)

Standard	: Shank Std (HA DIN6535), Drill Std (DIN 6537K)
Point Angle	: 140 Deg
Helix Angle	: 30 Deg
Tolerance	: Drill Dia (m7) Shank (h6)
Work Material	: P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	: TiAIN
Coolant	: Without Internal Coolant

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR3 030 020 06 62	0003	3.0	6.0	20.0	62.0	2,013
K2GPR3 031 020 06 62	0003	3.1	6.0	20.0	62.0	2,013
K2GPR3 032 020 06 62	0003	3.2	6.0	20.0	62.0	2,013
K2GPR3 033 020 06 62	0003	3.3	6.0	20.0	62.0	2,013
K2GPR3 034 020 06 62	0003	3.4	6.0	20.0	62.0	2,013
K2GPR3 035 020 06 62	0003	3.5	6.0	20.0	62.0	2,013
K2GPR3 036 020 06 62	0003	3.6	6.0	20.0	62.0	2,013
K2GPR3 037 020 06 62	0003	3.7	6.0	20.0	62.0	2,013
K2GPR3 038 024 06 66	0003	3.8	6.0	24.0	66.0	2,013
K2GPR3 039 024 06 66	0003	3.9	6.0	24.0	66.0	2,013
K2GPR3 040 024 06 66	0003	4.0	6.0	24.0	66.0	2,013
K2GPR3 041 024 06 66	0003	4.1	6.0	24.0	66.0	2,538
K2GPR3 042 024 06 66	0003	4.2	6.0	24.0	66.0	2,538
K2GPR3 043 024 06 66	0003	4.3	6.0	24.0	66.0	2,538
K2GPR3 044 024 06 66	0003	4.4	6.0	24.0	66.0	2,538
K2GPR3 045 024 06 66	0003	4.5	6.0	24.0	66.0	2,538
K2GPR3 046 024 06 66	0003	4.6	6.0	24.0	66.0	2,538
K2GPR3 047 024 06 66	0003	4.7	6.0	24.0	66.0	2,538
K2GPR3 048 028 06 66	0003	4.8	6.0	28.0	66.0	2,538
K2GPR3 049 028 06 66	0003	4.9	6.0	28.0	66.0	2,538
K2GPR3 050 028 06 66	0003	5.0	6.0	28.0	66.0	2,538
K2GPR3 051 028 06 66	0003	5.1	6.0	28.0	66.0	2,538
K2GPR3 052 028 06 66	0003	5.2	6.0	28.0	66.0	2,538
K2GPR3 053 028 06 66	0003	5.3	6.0	28.0	66.0	2,538
K2GPR3 054 028 06 66	0003	5.4	6.0	28.0	66.0	2,538
K2GPR3 055 028 06 66	0003	5.5	6.0	28.0	66.0	2,538
K2GPR3 056 028 06 66	0003	5.6	6.0	28.0	66.0	2,538



Reinforced Shank Drills (L/D : 3)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR3 057 028 06 66	0003	5.7	6.0	28.0	66.0	2,538
K2GPR3 058 028 06 66	0003	5.8	6.0	28.0	66.0	2,538
K2GPR3 059 028 06 66	0003	5.9	6.0	28.0	66.0	2,538
K2GPR3 060 028 06 66	0003	6.0	6.0	28.0	66.0	2,538
K2GPR3 061 034 08 79	0003	6.1	8.0	34.0	79.0	3,612
K2GPR3 062 034 08 79	0003	6.2	8.0	34.0	79.0	3,612
K2GPR3 063 034 08 79	0003	6.3	8.0	34.0	79.0	3,612
K2GPR3 064 034 08 79	0003	6.4	8.0	34.0	79.0	3,612
K2GPR3 065 034 08 79	0003	6.5	8.0	34.0	79.0	3,612
K2GPR3 066 034 08 79	0003	6.6	8.0	34.0	79.0	3,612
K2GPR3 067 034 08 79	0003	6.7	8.0	34.0	79.0	3,612
K2GPR3 068 034 08 79	0003	6.8	8.0	34.0	79.0	3,612
K2GPR3 069 034 08 79	0003	6.9	8.0	34.0	79.0	3,612
K2GPR3 070 034 08 79	0003	7.0	8.0	34.0	79.0	3,612
K2GPR3 071 041 08 79	0003	7.1	8.0	41.0	79.0	3,612
K2GPR3 072 041 08 79	0003	7.2	8.0	41.0	79.0	3,612
K2GPR3 073 041 08 79	0003	7.3	8.0	41.0	79.0	3,612
K2GPR3 074 041 08 79	0003	7.4	8.0	41.0	79.0	3,612
K2GPR3 075 041 08 79	0003	7.5	8.0	41.0	79.0	3,612
K2GPR3 076 041 08 79	0003	7.6	8.0	41.0	79.0	3,612
K2GPR3 077 041 08 79	0003	7.7	8.0	41.0	79.0	3,612
K2GPR3 078 041 08 79	0003	7.8	8.0	41.0	79.0	3,612
K2GPR3 079 041 08 79	0003	7.9	8.0	41.0	79.0	3,612
K2GPR3 080 041 08 79	0003	8.0	8.0	41.0	79.0	3,612
K2GPR3 081 047 10 89	0003	8.1	10.0	47.0	89.0	5,142
K2GPR3 082 047 10 89	0003	8.2	10.0	47.0	89.0	5,142
K2GPR3 083 047 10 89	0003	8.3	10.0	47.0	89.0	5,142
K2GPR3 084 047 10 89	0003	8.4	10.0	47.0	89.0	5,142
K2GPR3 085 047 10 89	0003	8.5	10.0	47.0	89.0	5,142
K2GPR3 086 047 10 89	0003	8.6	10.0	47.0	89.0	5,142
K2GPR3 087 047 10 89	0003	8.7	10.0	47.0	89.0	5,142
K2GPR3 088 047 10 89	0003	8.8	10.0	47.0	89.0	5,142
K2GPR3 089 047 10 89	0003	8.9	10.0	47.0	89.0	5,142
K2GPR3 090 047 10 89	0003	9.0	10.0	47.0	89.0	5,142
K2GPR3 091 047 10 89	0003	9.1	10.0	47.0	89.0	5,142
K2GPR3 092 047 10 89	0003	9.2	10.0	47.0	89.0	5,142

Solid Carbide Price List - MC 45

Reinforced Shank Drills (L/D : 3)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR3 093 047 10 89	0003	9.3	10.0	47.0	89.0	5,142
K2GPR3 094 047 10 89	0003	9.4	10.0	47.0	89.0	5,142
K2GPR3 095 047 10 89	0003	9.5	10.0	47.0	89.0	5,142
K2GPR3 096 047 10 89	0003	9.6	10.0	47.0	89.0	5,142
K2GPR3 097 047 10 89	0003	9.7	10.0	47.0	89.0	5,142
K2GPR3 098 047 10 89	0003	9.8	10.0	47.0	89.0	5,142
K2GPR3 099 047 10 89	0003	9.9	10.0	47.0	89.0	5,142
K2GPR3 100 047 10 89	0003	10.0	10.0	47.0	89.0	5,142
K2GPR3 101 055 12 A2	0003	10.1	12.0	55.0	102.0	8,990
K2GPR3 102 055 12 A2	0003	10.2	12.0	55.0	102.0	8,990
K2GPR3 103 055 12 A2	0003	10.3	12.0	55.0	102.0	8,990
K2GPR3 104 055 12 A2	0003	10.4	12.0	55.0	102.0	8,990
K2GPR3 105 055 12 A2	0003	10.5	12.0	55.0	102.0	8,990
K2GPR3 106 055 12 A2	0003	10.6	12.0	55.0	102.0	8,990
K2GPR3 107 055 12 A2	0003	10.7	12.0	55.0	102.0	8,990
K2GPR3 108 055 12 A2	0003	10.8	12.0	55.0	102.0	8,990
K2GPR3 109 055 12 A2	0003	10.9	12.0	55.0	102.0	8,990
K2GPR3 110 055 12 A2	0003	11.0	12.0	55.0	102.0	8,990
K2GPR3 111 055 12 A2	0003	11.1	12.0	55.0	102.0	8,990
K2GPR3 112 055 12 A2	0003	11.2	12.0	55.0	102.0	8,990
K2GPR3 113 055 12 A2	0003	11.3	12.0	55.0	102.0	8,990
K2GPR3 114 055 12 A2	0003	11.4	12.0	55.0	102.0	8,990
K2GPR3 115 055 12 A2	0003	11.5	12.0	55.0	102.0	8,990
K2GPR3 116 055 12 A2	0003	11.6	12.0	55.0	102.0	8,990
K2GPR3 117 055 12 A2	0003	11.7	12.0	55.0	102.0	8,990
K2GPR3 118 055 12 A2	0003	11.8	12.0	55.0	102.0	8,990
K2GPR3 119 055 12 A2	0003	11.9	12.0	55.0	102.0	8,990
K2GPR3 120 055 12 A2	0003	12.0	12.0	55.0	102.0	8,990
K2GPR3 121 060 14 A7	0003	12.1	14.0	60.0	107.0	11,185
K2GPR3 122 060 14 A7	0003	12.2	14.0	60.0	107.0	11,185
K2GPR3 123 060 14 A7	0003	12.3	14.0	60.0	107.0	11,185
K2GPR3 124 060 14 A7	0003	12.4	14.0	60.0	107.0	11,185
K2GPR3 125 060 14 A7	0003	12.5	14.0	60.0	107.0	11,185
K2GPR3 126 060 14 A7	0003	12.6	14.0	60.0	107.0	11,185
K2GPR3 127 060 14 A7	0003	12.7	14.0	60.0	107.0	11,185
K2GPR3 128 060 14 A7	0003	12.8	14.0	60.0	107.0	11,185

Reinforced Shank Drills (L/D : 3)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR3 129 060 14 A7	0003	12.9	14.0	60.0	107.0	11,185
K2GPR3 130 060 14 A7	0003	13.0	14.0	60.0	107.0	11,185
K2GPR3 131 060 14 A7	0003	13.1	14.0	60.0	107.0	11,185
K2GPR3 132 060 14 A7	0003	13.2	14.0	60.0	107.0	11,185
K2GPR3 133 060 14 A7	0003	13.3	14.0	60.0	107.0	11,185
K2GPR3 134 060 14 A7	0003	13.4	14.0	60.0	107.0	11,185
K2GPR3 135 060 14 A7	0003	13.5	14.0	60.0	107.0	11,185
K2GPR3 136 060 14 A7	0003	13.6	14.0	60.0	107.0	11,185
K2GPR3 137 060 14 A7	0003	13.7	14.0	60.0	107.0	11,185
K2GPR3 138 060 14 A7	0003	13.8	14.0	60.0	107.0	11,185
K2GPR3 139 060 14 A7	0003	13.9	14.0	60.0	107.0	11,185
K2GPR3 140 060 14 A7	0003	14.0	14.0	60.0	107.0	11,185
K2GPR3 142 065 16 B5	0003	14.2	16.0	65.0	115.0	12,596
K2GPR3 143 065 16 B5	0003	14.3	16.0	65.0	115.0	12,596
K2GPR3 145 065 16 B5	0003	14.5	16.0	65.0	115.0	12,596
K2GPR3 146 065 16 B5	0003	14.6	16.0	65.0	115.0	12,596
K2GPR3 147 065 16 B5	0003	14.7	16.0	65.0	115.0	14,380
K2GPR3 148 065 16 B5	0003	14.8	16.0	65.0	115.0	14,380
K2GPR3 150 065 16 B5	0003	15.0	16.0	65.0	115.0	14,890
K2GPR3 152 065 16 B5	0003	15.2	16.0	65.0	115.0	14,890
K2GPR3 155 065 16 B5	0003	15.5	16.0	65.0	115.0	14,890
K2GPR3 157 065 16 B5	0003	15.7	16.0	65.0	115.0	14,890
K2GPR3 158 065 16 B5	0003	15.8	16.0	65.0	115.0	14,890
K2GPR3 160 065 16 B5	0003	16.0	16.0	65.0	115.0	14,890
K2GPR3 165 073 18 C3	0003	16.5	18.0	73.0	123.0	23,347
K2GPR3 168 073 18 C3	0003	16.8	18.0	73.0	123.0	23,347
K2GPR3 170 073 18 C3	0003	17.0	18.0	73.0	123.0	23,347
K2GPR3 175 073 18 C3	0003	17.5	18.0	73.0	123.0	23,347
K2GPR3 178 073 18 C3	0003	17.8	18.0	73.0	123.0	23,347
K2GPR3 180 073 18 C3	0003	18.0	18.0	73.0	123.0	23,347
K2GPR3 185 079 20 D1	0003	18.5	20.0	79.0	131.0	29,959
K2GPR3 190 079 20 D1	0003	19.0	20.0	79.0	131.0	29,959
K2GPR3 195 079 20 D1	0003	19.5	20.0	79.0	131.0	29,959
K2GPR3 198 079 20 D1	0003	19.8	20.0	79.0	131.0	29,959
K2GPR3 200 079 20 D1	0003	20.0	20.0	79.0	131.0	29,959

REINFORCED SHANK DRILLS (L/D : 5)

Standard	: Shank Std (HA DIN6535), Drill Std (DIN 6537K)
Point Angle	: 140 Deg
Helix Angle	: 30 Deg
Tolerance	: Drill Dia (m7) Shank (h6)
Work Material	: P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	: TiAlN
Coolant	: Without Internal Coolant

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR5 030 028 06 66	0003	3.0	6.0	28.0	66.0	2,358
K2GPR5 031 028 06 66	0003	3.1	6.0	28.0	66.0	2,358
K2GPR5 032 028 06 66	0003	3.2	6.0	28.0	66.0	2,358
K2GPR5 033 028 06 66	0003	3.3	6.0	28.0	66.0	2,358
K2GPR5 034 028 06 66	0003	3.4	6.0	28.0	66.0	2,358
K2GPR5 035 028 06 66	0003	3.5	6.0	28.0	66.0	2,358
K2GPR5 036 028 06 66	0003	3.6	6.0	28.0	66.0	2,358
K2GPR5 037 028 06 66	0003	3.7	6.0	28.0	66.0	2,358
K2GPR5 038 036 06 74	0003	3.8	6.0	36.0	74.0	2,867
K2GPR5 039 036 06 74	0003	3.9	6.0	36.0	74.0	2,867
K2GPR5 040 036 06 74	0003	4.0	6.0	36.0	74.0	2,867
K2GPR5 041 036 06 74	0003	4.1	6.0	36.0	74.0	2,867
K2GPR5 042 036 06 74	0003	4.2	6.0	36.0	74.0	2,867
K2GPR5 043 036 06 74	0003	4.3	6.0	36.0	74.0	2,867
K2GPR5 044 036 06 74	0003	4.4	6.0	36.0	74.0	2,867
K2GPR5 045 036 06 74	0003	4.5	6.0	36.0	74.0	2,867
K2GPR5 046 036 06 74	0003	4.6	6.0	36.0	74.0	2,867
K2GPR5 047 036 06 74	0003	4.7	6.0	36.0	74.0	2,867
K2GPR5 048 044 06 82	0003	4.8	6.0	44.0	82.0	2,867
K2GPR5 049 044 06 82	0003	4.9	6.0	44.0	82.0	2,867
K2GPR5 050 044 06 82	0003	5.0	6.0	44.0	82.0	2,867
K2GPR5 051 044 06 82	0003	5.1	6.0	44.0	82.0	2,867
K2GPR5 052 044 06 82	0003	5.2	6.0	44.0	82.0	2,867
K2GPR5 053 044 06 82	0003	5.3	6.0	44.0	82.0	2,867
K2GPR5 054 044 06 82	0003	5.4	6.0	44.0	82.0	2,867
K2GPR5 055 044 06 82	0003	5.5	6.0	44.0	82.0	2,867
K2GPR5 056 044 06 82	0003	5.6	6.0	44.0	82.0	2,867

Reinforced Shank Drills (L/D : 5)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR5 057 044 06 82	0003	5.7	6.0	44.0	82.0	2,867
K2GPR5 058 044 06 82	0003	5.8	6.0	44.0	82.0	2,867
K2GPR5 059 044 06 82	0003	5.9	6.0	44.0	82.0	2,867
K2GPR5 060 044 06 82	0003	6.0	6.0	44.0	82.0	2,867
K2GPR5 061 053 08 91	0003	6.1	8.0	53.0	91.0	4,563
K2GPR5 062 053 08 91	0003	6.2	8.0	53.0	91.0	4,563
K2GPR5 063 053 08 91	0003	6.3	8.0	53.0	91.0	4,563
K2GPR5 064 053 08 91	0003	6.4	8.0	53.0	91.0	4,563
K2GPR5 065 053 08 91	0003	6.5	8.0	53.0	91.0	4,563
K2GPR5 066 053 08 91	0003	6.6	8.0	53.0	91.0	4,563
K2GPR5 067 053 08 91	0003	6.7	8.0	53.0	91.0	4,563
K2GPR5 068 053 08 91	0003	6.8	8.0	53.0	91.0	4,563
K2GPR5 069 053 08 91	0003	6.9	8.0	53.0	91.0	4,563
K2GPR5 070 053 08 91	0003	7.0	8.0	53.0	91.0	4,563
K2GPR5 071 053 08 91	0003	7.1	8.0	53.0	91.0	4,563
K2GPR5 072 053 08 91	0003	7.2	8.0	53.0	91.0	4,563
K2GPR5 073 053 08 91	0003	7.3	8.0	53.0	91.0	4,563
K2GPR5 074 053 08 91	0003	7.4	8.0	53.0	91.0	4,563
K2GPR5 075 053 08 91	0003	7.5	8.0	53.0	91.0	4,563
K2GPR5 076 053 08 91	0003	7.6	8.0	53.0	91.0	4,563
K2GPR5 077 053 08 91	0003	7.7	8.0	53.0	91.0	4,563
K2GPR5 078 053 08 91	0003	7.8	8.0	53.0	91.0	4,563
K2GPR5 079 053 08 91	0003	7.9	8.0	53.0	91.0	4,563
K2GPR5 080 053 08 91	0003	8.0	8.0	53.0	91.0	4,563
K2GPR5 081 061 10 A3	0003	8.1	10.0	61.0	103.0	6,346
K2GPR5 082 061 10 A3	0003	8.2	10.0	61.0	103.0	6,346
K2GPR5 083 061 10 A3	0003	8.3	10.0	61.0	103.0	6,346
K2GPR5 084 061 10 A3	0003	8.4	10.0	61.0	103.0	6,346
K2GPR5 085 061 10 A3	0003	8.5	10.0	61.0	103.0	6,346
K2GPR5 086 061 10 A3	0003	8.6	10.0	61.0	103.0	6,346
K2GPR5 087 061 10 A3	0003	8.7	10.0	61.0	103.0	6,346
K2GPR5 088 061 10 A3	0003	8.8	10.0	61.0	103.0	6,346
K2GPR5 089 061 10 A3	0003	8.9	10.0	61.0	103.0	6,346
K2GPR5 090 061 10 A3	0003	9.0	10.0	61.0	103.0	6,450
K2GPR5 091 061 10 A3	0003	9.1	10.0	61.0	103.0	6,450
K2GPR5 092 061 10 A3	0003	9.2	10.0	61.0	103.0	6,450

Solid Carbide Price List - MC 45

Reinforced Shank Drills (L/D : 5)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR5 093 061 10 A3	0003	9.3	10.0	61.0	103.0	6,450
K2GPR5 094 061 10 A3	0003	9.4	10.0	61.0	103.0	6,450
K2GPR5 095 061 10 A3	0003	9.5	10.0	61.0	103.0	6,450
K2GPR5 096 061 10 A3	0003	9.6	10.0	61.0	103.0	6,450
K2GPR5 097 061 10 A3	0003	9.7	10.0	61.0	103.0	6,450
K2GPR5 098 061 10 A3	0003	9.8	10.0	61.0	103.0	6,450
K2GPR5 099 061 10 A3	0003	9.9	10.0	61.0	103.0	6,450
K2GPR5 100 061 10 A3	0003	10.0	10.0	61.0	103.0	6,450
K2GPR5 101 071 12 B8	0003	10.1	12.0	71.0	118.0	10,496
K2GPR5 102 071 12 B8	0003	10.2	12.0	71.0	118.0	10,496
K2GPR5 103 071 12 B8	0003	10.3	12.0	71.0	118.0	10,496
K2GPR5 104 071 12 B8	0003	10.4	12.0	71.0	118.0	10,496
K2GPR5 105 071 12 B8	0003	10.5	12.0	71.0	118.0	10,496
K2GPR5 106 071 12 B8	0003	10.6	12.0	71.0	118.0	10,496
K2GPR5 107 071 12 B8	0003	10.7	12.0	71.0	118.0	10,496
K2GPR5 108 071 12 B8	0003	10.8	12.0	71.0	118.0	10,496
K2GPR5 109 071 12 B8	0003	10.9	12.0	71.0	118.0	10,496
K2GPR5 110 071 12 B8	0003	11.0	12.0	71.0	118.0	10,496
K2GPR5 111 071 12 B8	0003	11.1	12.0	71.0	118.0	10,496
K2GPR5 112 071 12 B8	0003	11.2	12.0	71.0	118.0	10,496
K2GPR5 113 071 12 B8	0003	11.3	12.0	71.0	118.0	10,496
K2GPR5 114 071 12 B8	0003	11.4	12.0	71.0	118.0	10,496
K2GPR5 115 071 12 B8	0003	11.5	12.0	71.0	118.0	10,496
K2GPR5 116 071 12 B8	0003	11.6	12.0	71.0	118.0	10,496
K2GPR5 117 071 12 B8	0003	11.7	12.0	71.0	118.0	10,496
K2GPR5 118 071 12 B8	0003	11.8	12.0	71.0	118.0	10,496
K2GPR5 119 071 12 B8	0003	11.9	12.0	71.0	118.0	10,496
K2GPR5 120 071 12 B8	0003	12.0	12.0	71.0	118.0	10,496
K2GPR5 121 077 14 C4	0003	12.1	14.0	77.0	124.0	12,686
K2GPR5 122 077 14 C4	0003	12.2	14.0	77.0	124.0	12,686
K2GPR5 123 077 14 C4	0003	12.3	14.0	77.0	124.0	12,686
K2GPR5 124 077 14 C4	0003	12.4	14.0	77.0	124.0	12,686
K2GPR5 125 077 14 C4	0003	12.5	14.0	77.0	124.0	12,686
K2GPR5 126 077 14 C4	0003	12.6	14.0	77.0	124.0	12,686
K2GPR5 127 077 14 C4	0003	12.7	14.0	77.0	124.0	12,686
K2GPR5 128 077 14 C4	0003	12.8	14.0	77.0	124.0	12,686

Reinforced Shank Drills (L/D : 5)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR5 129 077 14 C4	0003	12.9	14.0	77.0	124.0	12,686
K2GPR5 130 077 14 C4	0003	13.0	14.0	77.0	124.0	12,686
K2GPR5 131 077 14 C4	0003	13.1	14.0	77.0	124.0	12,686
K2GPR5 132 077 14 C4	0003	13.2	14.0	77.0	124.0	12,686
K2GPR5 133 077 14 C4	0003	13.3	14.0	77.0	124.0	12,686
K2GPR5 134 077 14 C4	0003	13.4	14.0	77.0	124.0	12,686
K2GPR5 135 077 14 C4	0003	13.5	14.0	77.0	124.0	12,686
K2GPR5 136 077 14 C4	0003	13.6	14.0	77.0	124.0	12,686
K2GPR5 137 077 14 C4	0003	13.7	14.0	77.0	124.0	12,686
K2GPR5 138 077 14 C4	0003	13.8	14.0	77.0	124.0	12,686
K2GPR5 139 077 14 C4	0003	13.9	14.0	77.0	124.0	12,686
K2GPR5 140 077 14 C4	0003	14.0	14.0	77.0	124.0	12,686
K2GPR5 142 083 16 D3	0003	14.2	16.0	83.0	133.0	15,635
K2GPR5 143 083 16 D3	0003	14.3	16.0	83.0	133.0	15,635
K2GPR5 145 083 16 D3	0003	14.5	16.0	83.0	133.0	15,635
K2GPR5 146 083 16 D3	0003	14.6	16.0	83.0	133.0	15,635
K2GPR5 147 083 16 D3	0003	14.7	16.0	83.0	133.0	15,635
K2GPR5 148 083 16 D3	0003	14.8	16.0	83.0	133.0	15,635
K2GPR5 150 083 16 D3	0003	15.0	16.0	83.0	133.0	16,126
K2GPR5 152 083 16 D3	0003	15.2	16.0	83.0	133.0	16,126
K2GPR5 155 083 16 D3	0003	15.5	16.0	83.0	133.0	16,126
K2GPR5 157 083 16 D3	0003	15.7	16.0	83.0	133.0	16,126
K2GPR5 158 083 16 D3	0003	15.8	16.0	83.0	133.0	16,126
K2GPR5 160 083 16 D3	0003	16.0	16.0	83.0	133.0	16,126
K2GPR5 165 093 18 E3	0003	16.5	18.0	93.0	143.0	23,852
K2GPR5 168 093 18 E3	0003	16.8	18.0	93.0	143.0	23,852
K2GPR5 170 093 18 E3	0003	17.0	18.0	93.0	143.0	23,852
K2GPR5 175 093 18 E3	0003	17.5	18.0	93.0	143.0	23,852
K2GPR5 178 093 18 E3	0003	17.8	18.0	93.0	143.0	23,852
K2GPR5 180 093 18 E3	0003	18.0	18.0	93.0	143.0	23,852
K2GPR5 185 101 20 F3	0003	18.5	20.0	101.0	153.0	28,234
K2GPR5 190 101 20 F3	0003	19.0	20.0	101.0	153.0	28,234
K2GPR5 195 101 20 F3	0003	19.5	20.0	101.0	153.0	28,234
K2GPR5 198 101 20 F3	0003	19.8	20.0	101.0	153.0	28,234
K2GPR5 200 101 20 F3	0003	20.0	20.0	101.0	153.0	28,234

REINFORCED SHANK DRILLS (L/D : 8)

Standard	: Shank Std (HA DIN6535), Drill Std (DIN 6537K)
Point Angle	: 140 Deg
Helix Angle	: 30 Deg
Tolerance	: Drill Dia (m7) Shank (h6)
Work Material	: P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	: TiAIN
Coolant	: With Internal Coolant

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR8 030 034 06 72	00C3	3.0	6.0	34.0	72.0	2,978
K2GPR8 031 034 06 72	00C3	3.1	6.0	34.0	72.0	2,978
K2GPR8 032 034 06 72	00C3	3.2	6.0	34.0	72.0	2,978
K2GPR8 033 034 06 72	00C3	3.3	6.0	34.0	72.0	2,978
K2GPR8 034 034 06 72	00C3	3.4	6.0	34.0	72.0	2,978
K2GPR8 035 034 06 72	00C3	3.5	6.0	34.0	72.0	2,978
K2GPR8 036 034 06 72	00C3	3.6	6.0	34.0	72.0	2,978
K2GPR8 037 043 06 81	00C3	3.7	6.0	43.0	81.0	2,978
K2GPR8 038 043 06 81	00C3	3.8	6.0	43.0	81.0	2,978
K2GPR8 039 043 06 81	00C3	3.9	6.0	43.0	81.0	2,978
K2GPR8 040 043 06 81	00C3	4.0	6.0	43.0	81.0	2,978
K2GPR8 041 043 06 81	00C3	4.1	6.0	43.0	81.0	2,978
K2GPR8 042 043 06 81	00C3	4.2	6.0	43.0	81.0	2,978
K2GPR8 043 043 06 81	00C3	4.3	6.0	43.0	81.0	2,978
K2GPR8 044 043 06 81	00C3	4.4	6.0	43.0	81.0	2,978
K2GPR8 045 043 06 81	00C3	4.5	6.0	43.0	81.0	2,978
K2GPR8 046 043 06 81	00C3	4.6	6.0	43.0	81.0	2,978
K2GPR8 047 043 06 81	00C3	4.7	6.0	43.0	81.0	2,978
K2GPR8 048 057 06 95	00C3	4.8	6.0	57.0	95.0	3,569
K2GPR8 049 057 06 95	00C3	4.9	6.0	57.0	95.0	3,569
K2GPR8 050 057 06 95	00C3	5.0	6.0	57.0	95.0	3,569
K2GPR8 051 057 06 95	00C3	5.1	6.0	57.0	95.0	3,569
K2GPR8 052 057 06 95	00C3	5.2	6.0	57.0	95.0	3,569
K2GPR8 053 057 06 95	00C3	5.3	6.0	57.0	95.0	3,569
K2GPR8 054 057 06 95	00C3	5.4	6.0	57.0	95.0	3,569
K2GPR8 055 057 06 95	00C3	5.5	6.0	57.0	95.0	3,569
K2GPR8 056 057 06 95	00C3	5.6	6.0	57.0	95.0	3,569

Reinforced Shank Drills (L/D : 8)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR8 057 057 06 95	00C3	5.7	6.0	57.0	95.0	3,569
K2GPR8 058 057 06 95	00C3	5.8	6.0	57.0	95.0	3,569
K2GPR8 059 057 06 95	00C3	5.9	6.0	57.0	95.0	3,569
K2GPR8 060 057 06 95	00C3	6.0	6.0	57.0	95.0	3,569
K2GPR8 061 076 08 B4	00C3	6.1	8.0	76.0	114.0	5,898
K2GPR8 062 076 08 B4	00C3	6.2	8.0	76.0	114.0	5,898
K2GPR8 063 076 08 B4	00C3	6.3	8.0	76.0	114.0	5,898
K2GPR8 064 076 08 B4	00C3	6.4	8.0	76.0	114.0	5,898
K2GPR8 065 076 08 B4	00C3	6.5	8.0	76.0	114.0	5,898
K2GPR8 066 076 08 B4	00C3	6.6	8.0	76.0	114.0	5,898
K2GPR8 067 076 08 B4	00C3	6.7	8.0	76.0	114.0	5,898
K2GPR8 068 076 08 B4	00C3	6.8	8.0	76.0	114.0	5,898
K2GPR8 069 076 08 B4	00C3	6.9	8.0	76.0	114.0	5,898
K2GPR8 070 076 08 B4	00C3	7.0	8.0	76.0	114.0	5,898
K2GPR8 071 076 08 B4	00C3	7.1	8.0	76.0	114.0	5,898
K2GPR8 072 076 08 B4	00C3	7.2	8.0	76.0	114.0	5,898
K2GPR8 073 076 08 B4	00C3	7.3	8.0	76.0	114.0	5,898
K2GPR8 074 076 08 B4	00C3	7.4	8.0	76.0	114.0	5,898
K2GPR8 075 076 08 B4	00C3	7.5	8.0	76.0	114.0	5,898
K2GPR8 076 076 08 B4	00C3	7.6	8.0	76.0	114.0	5,898
K2GPR8 077 076 08 B4	00C3	7.7	8.0	76.0	114.0	5,898
K2GPR8 078 076 08 B4	00C3	7.8	8.0	76.0	114.0	5,898
K2GPR8 079 076 08 B4	00C3	7.9	8.0	76.0	114.0	5,898
K2GPR8 080 076 08 B4	00C3	8.0	8.0	76.0	114.0	5,898
K2GPR8 081 095 10 E2	00C3	8.1	10.0	95.0	142.0	8,564
K2GPR8 082 095 10 E2	00C3	8.2	10.0	95.0	142.0	8,564
K2GPR8 083 095 10 E2	00C3	8.3	10.0	95.0	142.0	8,564
K2GPR8 084 095 10 E2	00C3	8.4	10.0	95.0	142.0	8,564
K2GPR8 085 095 10 E2	00C3	8.5	10.0	95.0	142.0	8,564
K2GPR8 086 095 10 E2	00C3	8.6	10.0	95.0	142.0	8,564
K2GPR8 087 095 10 E2	00C3	8.7	10.0	95.0	142.0	8,564
K2GPR8 088 095 10 E2	00C3	8.8	10.0	95.0	142.0	8,564
K2GPR8 089 095 10 E2	00C3	8.9	10.0	95.0	142.0	8,564
K2GPR8 090 095 10 E2	00C3	9.0	10.0	95.0	142.0	8,564
K2GPR8 091 095 10 E2	00C3	9.1	10.0	95.0	142.0	8,564
K2GPR8 092 095 10 E2	00C3	9.2	10.0	95.0	142.0	8,564

Solid Carbide Price List - MC 45

Reinforced Shank Drills (L/D : 8)

* All Dimensions are in mm

Item Code	Variant	Drill Dia (m7)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPR8 093 095 10 E2	00C3	9.3	10.0	95.0	142.0	8,564
K2GPR8 094 095 10 E2	00C3	9.4	10.0	95.0	142.0	8,564
K2GPR8 095 095 10 E2	00C3	9.5	10.0	95.0	142.0	8,564
K2GPR8 096 095 10 E2	00C3	9.6	10.0	95.0	142.0	8,564
K2GPR8 097 095 10 E2	00C3	9.7	10.0	95.0	142.0	8,564
K2GPR8 098 095 10 E2	00C3	9.8	10.0	95.0	142.0	8,564
K2GPR8 099 095 10 E2	00C3	9.9	10.0	95.0	142.0	8,564
K2GPR8 100 095 10 E2	00C3	10.0	10.0	95.0	142.0	8,564
K2GPR8 101 114 12 G2	00C3	10.1	12.0	114.0	162.0	14,345
K2GPR8 102 114 12 G2	00C3	10.2	12.0	114.0	162.0	14,345
K2GPR8 103 114 12 G2	00C3	10.3	12.0	114.0	162.0	14,345
K2GPR8 104 114 12 G2	00C3	10.4	12.0	114.0	162.0	14,345
K2GPR8 105 114 12 G2	00C3	10.5	12.0	114.0	162.0	14,345
K2GPR8 106 114 12 G2	00C3	10.6	12.0	114.0	162.0	14,345
K2GPR8 107 114 12 G2	00C3	10.7	12.0	114.0	162.0	14,345
K2GPR8 108 114 12 G2	00C3	10.8	12.0	114.0	162.0	14,345
K2GPR8 109 114 12 G2	00C3	10.9	12.0	114.0	162.0	14,345
K2GPR8 110 114 12 G2	00C3	11.0	12.0	114.0	162.0	14,345
K2GPR8 111 114 12 G2	00C3	11.1	12.0	114.0	162.0	14,345
K2GPR8 112 114 12 G2	00C3	11.2	12.0	114.0	162.0	14,345
K2GPR8 113 114 12 G2	00C3	11.3	12.0	114.0	162.0	14,345
K2GPR8 114 114 12 G2	00C3	11.4	12.0	114.0	162.0	14,345
K2GPR8 115 114 12 G2	00C3	11.5	12.0	114.0	162.0	14,345
K2GPR8 116 111 41 2G	00C3	11.6	12.0	114.0	162.0	14,345
K2GPR8 117 114 12 G2	00C3	11.7	12.0	114.0	162.0	14,345
K2GPR8 118 114 12 G2	00C3	11.8	12.0	114.0	162.0	14,345
K2GPR8 119 114 12 G2	00C3	11.9	12.0	114.0	162.0	14,345
K2GPR8 120 114 12 G2	00C3	12.0	12.0	114.0	162.0	14,345
K2GPR8 125 133 14 H8	00C3	12.5	14.0	133.0	178.0	17,456
K2GPR8 130 133 14 H8	00C3	13.0	14.0	133.0	178.0	17,456
K2GPR8 135 133 14 H8	00C3	13.5	14.0	133.0	178.0	17,456
K2GPR8 140 133 14 H8	00C3	14.0	14.0	133.0	178.0	17,456

SQUARE NOSE END MILL - STUB, 2 FLUTE

Standard : Company Std / Shank std - 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSE 030 06 03 038	00S3	3.0	3.0	6.0	38.0	830
K2GPSE 030 06 04 038	00S3	3.0	4.0	6.0	38.0	1,220
K2GPSE 030 06 06 038	00S3	3.0	6.0	6.0	38.0	1,084
K2GPSE 035 07 04 050	00S3	3.5	4.0	7.0	50.0	1,220
K2GPSE 035 07 06 050	00S3	3.5	6.0	7.0	50.0	1,426
K2GPSE 040 08 04 050	00S3	4.0	4.0	8.0	50.0	1,120
K2GPSE 040 08 06 050	00S3	4.0	6.0	8.0	50.0	1,540
K2GPSE 045 10 06 050	00S3	4.5	6.0	10.0	50.0	1,540
K2GPSE 050 10 06 050	00S3	5.0	6.0	10.0	50.0	1,540
K2GPSE 055 10 06 054	00S3	5.5	6.0	10.0	54.0	1,540
K2GPSE 060 12 06 054	00S3	6.0	6.0	12.0	54.0	1,440
K2GPSE 070 12 07 054	00S3	7.0	7.0	12.0	54.0	1,690
K2GPSE 070 12 08 054	00S3	7.0	8.0	12.0	54.0	2,090
K2GPSE 080 12 08 054	00S3	8.0	8.0	12.0	54.0	1,990
K2GPSE 090 14 09 066	00S3	9.0	9.0	14.0	66.0	2,500
K2GPSE 090 14 10 066	00S3	9.0	10.0	14.0	66.0	3,500
K2GPSE 100 14 10 066	00S3	10.0	10.0	14.0	66.0	3,400
K2GPSE 110 19 11 073	00S3	11.0	11.0	19.0	73.0	3,720
K2GPSE 110 19 12 073	00S3	11.0	12.0	19.0	73.0	3,935
K2GPSE 120 19 12 073	00S3	12.0	12.0	19.0	73.0	3,835
K2GPSE 130 22 14 075	00S3	13.0	14.0	22.0	75.0	5,758
K2GPSE 140 22 14 075	00S3	14.0	14.0	22.0	75.0	5,658
K2GPSE 150 25 16 082	00S3	15.0	16.0	25.0	82.0	6,676
K2GPSE 160 25 16 082	00S3	16.0	16.0	25.0	82.0	6,576
K2GPSE 170 25 18 084	00S3	17.0	18.0	25.0	84.0	9,386
K2GPSE 180 25 18 084	00S3	18.0	18.0	25.0	84.0	9,286
K2GPSE 190 25 20 084	00S3	19.0	20.0	25.0	84.0	14,532
K2GPSE 200 25 20 084	00S3	20.0	20.0	25.0	84.0	14,432

SQUARE NOSE END MILL - STUB, 4 FLUTE

Standard	:	Company Std/ Shank std- 6535 HA
Helix Angle	:	30 Deg
Tolerance	:	Cutting Dia (h10) Shank (h6)
Work Material	:	P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	:	TiAIN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSE 030 06 03 038	00S3	3.0	3.0	6.0	38.0	830
K4GPSE 030 06 04 038	00S3	3.0	4.0	6.0	38.0	1,220
K4GPSE 030 06 06 038	00S3	3.0	6.0	6.0	38.0	1,084
K4GPSE 035 07 04 050	00S3	3.5	4.0	7.0	50.0	1,220
K4GPSE 035 07 06 050	00S3	3.5	6.0	7.0	50.0	1,426
K4GPSE 040 08 04 050	00S3	4.0	4.0	8.0	50.0	1,120
K4GPSE 040 08 06 050	00S3	4.0	6.0	8.0	50.0	1,540
K4GPSE 045 10 06 050	00S3	4.5	6.0	10.0	50.0	1,540
K4GPSE 050 10 06 050	00S3	5.0	6.0	10.0	50.0	1,540
K4GPSE 055 10 06 054	00S3	5.5	6.0	10.0	54.0	1,540
K4GPSE 060 12 06 054	00S3	6.0	6.0	12.0	54.0	1,440
K4GPSE 070 12 07 054	00S3	7.0	7.0	12.0	54.0	1,690
K4GPSE 070 12 08 054	00S3	7.0	8.0	12.0	54.0	2,090
K4GPSE 080 12 08 054	00S3	8.0	8.0	12.0	54.0	1,990
K4GPSE 090 14 09 066	00S3	9.0	9.0	14.0	66.0	2,500
K4GPSE 090 14 10 066	00S3	9.0	10.0	14.0	66.0	3,500
K4GPSE 100 14 10 066	00S3	10.0	10.0	14.0	66.0	3,400
K4GPSE 110 19 11 073	00S3	11.0	11.0	19.0	73.0	3,720
K4GPSE 110 19 12 073	00S3	11.0	12.0	19.0	73.0	3,935
K4GPSE 120 19 12 073	00S3	12.0	12.0	19.0	73.0	3,835
K4GPSE 130 22 14 075	00S3	13.0	14.0	22.0	75.0	5,758
K4GPSE 140 22 14 075	00S3	14.0	14.0	22.0	75.0	5,658
K4GPSE 150 25 16 082	00S3	15.0	16.0	25.0	82.0	6,676
K4GPSE 160 25 16 082	00S3	16.0	16.0	25.0	82.0	6,576
K4GPSE 170 25 18 084	00S3	17.0	18.0	25.0	84.0	9,386
K4GPSE 180 25 18 084	00S3	18.0	18.0	25.0	84.0	9,286
K4GPSE 190 25 20 084	00S3	19.0	20.0	25.0	84.0	14,532
K4GPSE 200 25 20 084	00S3	20.0	20.0	25.0	84.0	14,432

SQUARE NOSE END MILL - REGULAR, 2 FLUTE

Standard : Company Std/ Shank std- 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSE 030 12 03 038	0003	3.0	3.0	12.0	38.0	920
K2GPSE 030 12 04 038	0003	3.0	4.0	12.0	38.0	1000
K2GPSE 035 12 04 050	0003	3.5	4.0	12.0	50.0	1310
K2GPSE 040 14 04 050	0003	4.0	4.0	14.0	50.0	1210
K2GPSE 045 16 05 050	0003	4.5	5.0	16.0	50.0	1620
K2GPSE 050 16 05 050	0003	5.0	5.0	16.0	50.0	1520
K2GPSE 055 16 06 056	0003	5.5	6.0	16.0	56.0	1680
K2GPSE 060 19 06 056	0003	6.0	6.0	19.0	56.0	1580
K2GPSE 070 19 07 063	0003	7.0	7.0	19.0	63.0	1900
K2GPSE 080 20 08 063	0003	8.0	8.0	20.0	63.0	1920
K2GPSE 090 22 09 075	0003	9.0	9.0	22.0	75.0	2790
K2GPSE 100 22 10 075	0003	10.0	10.0	22.0	75.0	3250
K2GPSE 110 25 11 075	0003	11.0	11.0	25.0	75.0	3715
K2GPSE 120 25 12 075	0003	12.0	12.0	25.0	75.0	3875
K2GPSE 130 25 14 075	0003	13.0	14.0	25.0	75.0	7050
K2GPSE 140 32 14 089	0003	14.0	14.0	32.0	89.0	6950
K2GPSE 160 32 16 089	0003	16.0	16.0	32.0	89.0	7350
K2GPSE 180 38 18 100	0003	18.0	18.0	38.0	100.0	11400
K2GPSE 200 38 20 100	0003	20.0	20.0	38.0	100.0	16000
K2GPSE 250 38 25 100	0003	25.0	25.0	38.0	100.0	22075

SQUARE NOSE END MILL - REGULAR, 4 FLUTE

Standard	:	Company Std/ Shank std- 6535 HA
Helix Angle	:	30 Deg
Tolerance	:	Cutting Dia (h10) Shank (h6)
Work Material	:	P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	:	TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSE 030 12 03 038*	0003	3.0	3.0	12.0	38.0	920
K4GPSE 030 12 04 038	0003	3.0	4.0	12.0	38.0	1000
K4GPSE 035 12 04 050	0003	3.5	4.0	12.0	50.0	1310
K4GPSE 040 14 04 050*	0003	4.0	4.0	14.0	50.0	1210
K4GPSE 045 16 05 050	0003	4.5	5.0	16.0	50.0	1620
K4GPSE 050 16 05 050*	0003	5.0	5.0	16.0	50.0	1520
K4GPSE 055 16 06 056	0003	5.5	6.0	16.0	56.0	1680
K4GPSE 060 19 06 056*	0003	6.0	6.0	19.0	56.0	1580
K4GPSE 070 19 07 063*	0003	7.0	7.0	19.0	63.0	1900
K4GPSE 080 20 08 063*	0003	8.0	8.0	20.0	63.0	1920
K4GPSE 090 22 09 075*	0003	9.0	9.0	22.0	75.0	2790
K4GPSE 100 22 10 075*	0003	10.0	10.0	22.0	75.0	3250
K4GPSE 110 25 11 075*	0003	11.0	11.0	25.0	75.0	3715
K4GPSE 120 25 12 075*	0003	12.0	12.0	25.0	75.0	3875
K4GPSE 130 25 14 075	0003	13.0	14.0	25.0	75.0	7050
K4GPSE 140 32 14 089*	0003	14.0	14.0	32.0	89.0	6950
K4GPSE 160 32 16 089*	0003	16.0	16.0	32.0	89.0	7350
K4GPSE 180 38 18 100*	0003	18.0	18.0	38.0	100.0	11400
K4GPSE 200 38 20 100	0003	20.0	20.0	38.0	100.0	16000
K4GPSE 250 38 25 100*	0003	25.0	25.0	38.0	100.0	22075

* Fast Moving Sizes

SQUARE NOSE END MILL - LONG, 2 FLUTE

Standard : Company Std/ Shank std- 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSE 030 25 03 075	00L3	3.0	3.0	25.0	75.0	1,710
K2GPSE 030 25 04 075	00L3	3.0	4.0	25.0	75.0	2,000
K2GPSE 040 25 04 075	00L3	4.0	4.0	25.0	75.0	1,900
K2GPSE 050 25 05 075	00L3	5.0	5.0	25.0	75.0	2,150
K2GPSE 050 25 06 075	00L3	5.0	6.0	25.0	75.0	2,330
K2GPSE 060 25 06 075	00L3	6.0	6.0	25.0	75.0	2,230
K2GPSE 080 30 08 075	00L3	8.0	8.0	30.0	75.0	2,550
K2GPSE 100 40 10 100	00L3	10.0	10.0	40.0	100.0	4,053
K2GPSE 100 50 10 100	00L3	10.0	10.0	50.0	100.0	4,235
K2GPSE 120 50 12 100	00L3	12.0	12.0	50.0	100.0	5,558
K2GPSE 140 50 14 100	00L3	14.0	14.0	50.0	100.0	9,513
K2GPSE 160 50 16 100	00L3	16.0	16.0	50.0	100.0	11,198
K2GPSE 180 50 18 100	00L3	18.0	18.0	50.0	100.0	14,962
K2GPSE 200 50 20 100	00L3	20.0	20.0	50.0	100.0	19,505
K2GPSE 250 75 25 150	00L3	25.0	25.0	75.0	150.0	37,480

SQUARE NOSE END MILL - LONG, 4 FLUTE

Standard : Company Std/ Shank std- 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSE 030 25 03 075	00L3	3.0	3.0	25.0	75.0	1,710
K4GPSE 030 25 04 075	00L3	3.0	4.0	25.0	75.0	2,000
K4GPSE 040 25 04 075	00L3	4.0	4.0	25.0	75.0	1,900
K4GPSE 050 25 05 075	00L3	5.0	5.0	25.0	75.0	2,150
K4GPSE 050 25 06 075	00L3	5.0	6.0	25.0	75.0	2,330
K4GPSE 060 25 06 075	00L3	6.0	6.0	25.0	75.0	2,230
K4GPSE 080 30 08 075	00L3	8.0	8.0	30.0	75.0	2,550
K4GPSE 100 40 10 100	00L3	10.0	10.0	40.0	100.0	4,053
K4GPSE 100 50 10 100	00L3	10.0	10.0	50.0	100.0	4,235
K4GPSE 120 50 12 100	00L3	12.0	12.0	50.0	100.0	5,558
K4GPSE 140 50 14 100	00L3	14.0	14.0	45.0	100.0	9,513
K4GPSE 160 50 16 100	00L3	16.0	16.0	50.0	100.0	11,198
K4GPSE 180 50 18 100	00L3	18.0	18.0	50.0	100.0	14,962
K4GPSE 200 50 20 100	00L3	20.0	20.0	50.0	100.0	19,505
K4GPSE 250 75 25 150	00L3	25.0	25.0	75.0	150.0	37,480

SQUARE NOSE END MILL - XTRA LONG, 4 FLUTE

Standard	:	Company Std/ Shank std- 6535 HA
Helix Angle	:	30 Deg
Tolerance	:	Cutting Dia (h10) Shank (h6)
Work Material	:	P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	:	TiAIN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSE 030 25 04 100	00X3	3.0	4.0	25.0	100.0	2,140
K4GPSE 040 25 04 100	00X3	4.0	4.0	25.0	100.0	2,390
K4GPSE 050 25 06 100	00X3	5.0	6.0	25.0	100.0	2,792
K4GPSE 060 30 06 100	00X3	6.0	6.0	30.0	100.0	2,792
K4GPSE 080 35 08 100	00X3	8.0	8.0	35.0	100.0	3,706
K4GPSE 080 40 08 120	00X3	8.0	8.0	40.0	120.0	4,632
K4GPSE 080 50 08 150	00X3	8.0	8.0	50.0	150.0	4,632
K4GPSE 100 75 10 150	00X3	10.0	10.0	75.0	150.0	5,041
K4GPSE 120 75 12 150	00X3	12.0	12.0	75.0	150.0	11,276
K4GPSE 140 75 14 150	00X3	14.0	14.0	75.0	150.0	17,836
K4GPSE 160 75 16 150	00X3	16.0	16.0	75.0	150.0	20,996
K4GPSE 180 75 18 150	00X3	18.0	18.0	75.0	150.0	28,055
K4GPSE 200 75 20 150	00X3	20.0	20.0	75.0	150.0	36,520

BALL NOSE END MILL - STUB, 2 FLUTE

Standard : Company Std/ Shank std- 6535 HA
 Helix Angle : 30 Deg
 Tolerance : Cutting Dia (h10) Shank (h6)
 Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
 Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSB 030 06 03 038	00S3	3.0	3.0	6.0	38.0	978.00
K2GPSB 030 04 06 038	00S3	3.0	4.0	6.0	38.0	1,105.00
K2GPSB 040 08 04 050	00S3	4.0	4.0	8.0	50.0	1,320.00
K2GPSB 050 10 05 050	00S3	5.0	5.0	10.0	50.0	1,650.00
K2GPSB 050 10 06 050	00S3	5.0	6.0	10.0	50.0	1,780.00
K2GPSB 060 12 06 050	00S3	6.0	6.0	12.0	50.0	1,680.00
K2GPSB 080 12 08 050	00S3	8.0	8.0	12.0	50.0	1,995.00
K2GPSB 100 16 10 056	00S3	10.0	10.0	16.0	56.0	3,425.00
K2GPSB 120 19 12 063	00S3	12.0	12.0	19.0	63.0	3,920.00
K2GPSB 140 19 14 070	00S3	14.0	14.0	19.0	70.0	7,000.00
K2GPSB 160 25 16 076	00S3	16.0	16.0	25.0	76.0	7,400.00
K2GPSB 200 25 20 076	00S3	20.0	20.0	25.0	76.0	14,400.00

BALL NOSE END MILL - STUB, 4 FLUTE

Standard : Company Std/ Shank std- 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSB 030 06 03 038	00S3	3.0	3.0	6.0	38.0	978.00
K4GPSB 030 04 06 038	00S3	3.0	4.0	6.0	38.0	1,105.00
K4GPSB 040 08 04 050	00S3	4.0	4.0	8.0	50.0	1,320.00
K4GPSB 050 10 05 050	00S3	5.0	5.0	10.0	50.0	1,650.00
K4GPSB 050 10 06 050	00S3	5.0	6.0	10.0	50.0	1,780.00
K4GPSB 060 12 06 050	00S3	6.0	6.0	12.0	50.0	1,680.00
K4GPSB 080 12 08 050	00S3	8.0	8.0	12.0	50.0	1,995.00
K4GPSB 100 16 10 056	00S3	10.0	10.0	16.0	56.0	3,425.00
K4GPSB 120 19 12 063	00S3	12.0	12.0	19.0	63.0	3,920.00
K4GPSB 140 19 14 070	00S3	14.0	14.0	19.0	70.0	7,000.00
K4GPSB 160 25 16 076	00S3	16.0	16.0	25.0	76.0	7,400.00
K4GPSB 200 25 20 076	00S3	20.0	20.0	25.0	76.0	14,400.00

BALL NOSE END MILL - REGULAR, 2 FLUTE

Standard	:	Company Std/ Shank std- 6535 HA
Helix Angle	:	30 Deg
Tolerance	:	Cutting Dia (h10) Shank (h6)
Work Material	:	P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	:	TiAIN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSB 030 12 03 038	0003	3.0	3.0	12.0	38.0	1,085
K2GPSB 030 12 04 038	0003	3.0	4.0	12.0	38.0	1,187
K2GPSB 030 12 06 038	0003	3.0	6.0	12.0	38.0	1,320
K2GPSB 040 14 04 050	0003	4.0	4.0	14.0	50.0	1,430
K2GPSB 040 14 06 050	0003	4.0	6.0	14.0	50.0	1,777
K2GPSB 050 16 05 050	0003	5.0	5.0	16.0	50.0	1,800
K2GPSB 050 16 06 050	0003	5.0	6.0	16.0	50.0	1,777
K2GPSB 060 19 06 056	0003	6.0	6.0	19.0	56.0	1,878
K2GPSB 080 20 08 063	0003	8.0	8.0	20.0	63.0	2,195
K2GPSB 100 22 10 075	0003	10.0	10.0	22.0	75.0	3,830
K2GPSB 120 25 12 075	0003	12.0	12.0	25.0	75.0	4,585
K2GPSB 140 32 14 089	0003	14.0	14.0	32.0	89.0	9,045
K2GPSB 160 32 16 089	0003	16.0	16.0	32.0	89.0	8,690
K2GPSB 180 38 18 100	0003	18.0	18.0	38.0	100.0	13,490
K2GPSB 200 38 20 100	0003	20.0	20.0	38.0	100.0	19,010
K2GPSB 250 40 25 100	0003	25.0	25.0	40.0	100.0	26,022

BALL NOSE END MILL - REGULAR, 4 FLUTE

Standard	:	Company Std/ Shank std- 6535 HA
Helix Angle	:	30 Deg
Tolerance	:	Cutting Dia (h10) Shank (h6)
Work Material	:	P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	:	TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSB 030 12 03 038*	0003	3.0	3.0	12.0	38.0	1,085
K4GPSB 030 12 04 038	0003	3.0	4.0	12.0	38.0	1,187
K4GPSB 030 12 06 038	0003	3.0	6.0	12.0	38.0	1,320
K4GPSB 040 14 04 050*	0003	4.0	4.0	14.0	50.0	1,430
K4GPSB 040 14 06 050	0003	4.0	6.0	14.0	50.0	1,777
K4GPSB 050 16 05 050*	0003	5.0	5.0	16.0	50.0	1,800
K4GPSB 050 16 06 050	0003	5.0	6.0	16.0	50.0	1,777
K4GPSB 060 19 06 056*	0003	6.0	6.0	19.0	56.0	1,878
K4GPSB 080 20 08 063*	0003	8.0	8.0	20.0	63.0	2,195
K4GPSB 100 22 10 075*	0003	10.0	10.0	22.0	75.0	3,830
K4GPSB 120 25 12 075*	0003	12.0	12.0	25.0	75.0	4,585
K4GPSB 140 32 14 089	0003	14.0	14.0	32.0	89.0	9,045
K4GPSB 160 32 16 089	0003	16.0	16.0	32.0	89.0	8,690
K4GPSB 180 38 18 100	0003	18.0	18.0	38.0	100.0	13,490
K4GPSB 200 38 20 100	0003	20.0	20.0	38.0	100.0	19,010
K4GPSB 250 40 25 100	0003	25.0	25.0	40.0	100.0	26,022

* Fast Moving Sizes

BALL NOSE END MILL - LONG, 2 FLUTE

Standard	:	Company Std/ Shank std- 6535 HA
Helix Angle	:	30 Deg
Tolerance	:	Cutting Dia (h10) Shank (h6)
Work Material	:	P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating	:	TiAIN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSB 030 20 03 075	00L3	3.0	3.0	20.0	75.0	2,011
K2GPSB 030 20 04 075	00L3	3.0	4.0	20.0	75.0	2,343
K2GPSB 040 20 04 075	00L3	4.0	4.0	20.0	75.0	2,243
K2GPSB 050 25 06 075	00L3	5.0	6.0	25.0	75.0	2,735
K2GPSB 060 25 06 075	00L3	6.0	6.0	25.0	75.0	2,635
K2GPSB 080 25 08 089	00L3	8.0	8.0	25.0	89.0	3,561
K2GPSB 100 30 10 089	00L3	10.0	10.0	30.0	89.0	4,195
K2GPSB 120 30 12 100	00L3	12.0	12.0	30.0	100.0	6,225
K2GPSB 160 45 16 100	00L3	16.0	16.0	45.0	100.0	10,081
K2GPSB 200 45 20 100	00L3	20.0	20.0	45.0	100.0	19,124

BALL NOSE END MILL - LONG, 4 FLUTE

Standard : Company Std/ Shank std- 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K4GPSB 030 20 03 075	00L3	3.0	3.0	20.0	75.0	2,011
K4GPSB 030 20 04 075	00L3	3.0	4.0	20.0	75.0	2,343
K4GPSB 040 20 04 075	00L3	4.0	4.0	20.0	75.0	2,243
K4GPSB 050 25 06 075	00L3	5.0	6.0	25.0	75.0	2,735
K4GPSB 060 25 06 075	00L3	6.0	6.0	25.0	75.0	2,635
K4GPSB 080 25 08 089	00L3	8.0	8.0	25.0	89.0	3,561
K4GPSB 100 30 10 089	00L3	10.0	10.0	30.0	89.0	4,195
K4GPSB 120 30 12 100	00L3	12.0	12.0	30.0	100.0	6,225
K4GPSB 160 45 16 100	00L3	16.0	16.0	45.0	100.0	10,081
K4GPSB 200 45 20 100	00L3	20.0	20.0	45.0	100.0	19,124

BALL NOSE END MILL - XTRA LONG, 2 FLUTE

Standard : Company Std/ Shank std- 6535 HA
Helix Angle : 30 Deg
Tolerance : Cutting Dia (h10) Shank (h6)
Work Material : P, M, K, S, H Type (< 45 HRC) - Multi Purpose
Coating : TiAlN

* All Dimensions are in mm

Item Code	Variant	Cutting Dia (h10)	Shank Dia (h6)	Flute Length	Overall Length	List Price (Rs/pc)
K2GPSB 030 09 04 100	00X3	3.0	4.0	9.0	100.0	2,976
K2GPSB 040 09 04 100	00X3	4.0	4.0	9.0	100.0	2,876
K2GPSB 050 15 06 100	00X3	5.0	6.0	15.0	100.0	3,465
K2GPSB 060 15 06 100	00X3	6.0	6.0	15.0	100.0	3,365
K2GPSB 080 20 08 100	00X3	8.0	8.0	20.0	100.0	3,990
K2GPSB 080 20 08 120	00X3	8.0	8.0	20.0	120.0	4,795
K2GPSB 100 25 10 100	00X3	10.0	10.0	25.0	100.0	5,170
K2GPSB 100 25 10 120	00X3	10.0	10.0	25.0	120.0	6,190
K2GPSB 100 25 10 150	00X3	10.0	10.0	25.0	150.0	7,695
K2GPSB 120 25 12 120	00X3	12.0	12.0	25.0	120.0	7,350
K2GPSB 120 25 12 150	00X3	12.0	12.0	25.0	150.0	9,188
K2GPSB 160 40 16 120	00X3	16.0	16.0	40.0	120.0	11,840
K2GPSB 160 40 16 150	00X3	16.0	16.0	40.0	150.0	14,790
K2GPSB 200 50 20 150	00X3	20.0	20.0	50.0	150.0	28,836

DIE & MOULD SERIES - SOFT

Product : **Ball Nose End Mills**
Flute : **2 Flute**
Standard : **Company Std/ Shank std- 6535 HA**
Helix Angle : **30 Degree**
Tolerance : **Radius +/-0.010 mm**
Work Material : **P & H Type (35 to 50 HRC)**
Coating : **AlTiN**

* All Dimensions are in mm

ITEM CODE	variant	Ball nose Dia	Shank Dia (h5)	Flute Length	Overall Length	List Price (Rs/pc)
K2DSSB 030 06 04 050	0006	3	3	6	50	1,187
K2DSSB 030 06 06 070	0006	3	6	6	70	1,474
K2DSSB 030 06 06 100	0006	3	6	6	100	2,018
K2DSSB 030 08 04 100	0006	3	4	8	100	1,921
K2DSSB 040 06 04 070	0006	4	4	6	70	1,650
K2DSSB 040 11 04 100	0006	4	4	11	100	1,921
K2DSSB 040 11 06 100	0006	4	6	11	100	2,018
K2DSSB 060 09 06 090	0006	6	6	9	90	1,816
K2DSSB 060 12 06 050	0006	6	6	12	50	1,489
K2DSSB 060 12 06 100	0006	6	6	12	100	2,018
K2DSSB 080 12 08 100	0006	8	8	12	100	2,537
K2DSSB 080 14 08 060	0006	8	8	14	60	2,168
K2DSSB 080 16 08 120	0006	8	8	16	120	3,918
K2DSSB 080 16 08 150	0006	8	8	16	150	5,413
K2DSSB 100 15 10 075	0006	10	10	15	75	3,182
K2DSSB 100 15 10 100	0006	10	10	15	100	3,542
K2DSSB 100 15 10 120	0006	10	10	15	120	5,355
K2DSSB 100 15 10 150	0006	10	10	15	150	7,179
K2DSSB 120 22 12 075	0006	12	12	22	75	4,268
K2DSSB 120 22 12 110	0006	12	12	22	110	4,945

DIE & MOULD SERIES - MEDIUM

Product : **Ball Nose End Mills**
Flute : **2 Flute**
Standard : **Company Std/ Shank std- 6535 HA**
Helix Angle : **30 Degree**
Tolerance : **Radius +/-0.005 mm**
Work Material : **P & H Type (50 to 60 HRC)**
Coating : **AlTiN**

* All Dimensions are in mm

ITEM CODE	Variant	Ball nose Dia	Shank Dia (h5)	Flute Length	Overall Length	List Price (Rs/pc)
K2DMSB 020 05 06 060	0008	2	6	5	60	3,494
K2DMSB 020 05 06 080	0008	2	6	5	80	4,629
K2DMSB 020 05 06 100	0008	2	6	5	100	5,749
K2DMSB 030 08 06 060	0008	3	6	8	60	3,539
K2DMSB 030 08 06 080	0008	3	6	8	80	4,704
K2DMSB 030 08 06 100	0008	3	6	8	100	5,749
K2DMSB 040 08 06 070	0008	4	6	8	70	3,689
K2DMSB 040 08 06 090	0008	4	6	8	90	5,033
K2DMSB 050 10 06 080	0008	5	6	10	80	4,076
K2DMSB 060 12 06 075	0008	6	6	12	75	4,076
K2DMSB 060 12 06 090	0008	6	6	12	90	4,255
K2DMSB 080 14 08 075	0008	8	8	14	75	6,406
K2DMSB 080 14 08 100	0008	8	8	14	100	7,287
K2DMSB 080 14 08 130	0008	8	8	14	130	8,377
K2DMSB 100 18 10 075	0008	10	10	18	75	7,287
K2DMSB 100 18 10 100	0008	10	10	18	100	8,631
K2DMSB 100 18 10 150	0008	10	10	18	150	13,663
K2DMSB 120 22 12 110	0008	12	12	22	110	11,558
K2DMSB 120 22 12 150	0008	12	12	22	150	16,142



NOTES

INTENTIONALLY LEFT BLANK



Other Products



- HSS Taps
- HSS Tool Bits
- HSS Reamers
- HSS Milling Cutters
- HSS Hobs and Broaches
- **ju ri zo** BiMetal Bandsaw
- **"Hurricane"** Hardware Drills
- **'TURBO'** Masonry Drills
- HSS End Mills
- HSS Drills

Customized Solutions



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