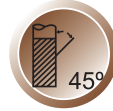




Solid Carbide End Mills For <68HRC

Ultra micro grain 12% Co Grade



Suit For Materials Groups

GR.1 Non alloyed steels Alloyed steels	GR.2 Heat resistant steels Stainless steels	GR.3 Hardened steels < 48 HRC	GR.4 Hardened steels 48-56 HRC
GR.5 Hardened steels 56-68 HRC	GR.6 Iron	GR.7 Titanium	GR.8 Nickel
GR.9 Copper Brass Bronze	GR.10 Aluminium	GR.11 Synthetic materials	GR.12 Composite materials

Standard Length(Order No.VE166X-Dia) Unit:mm

Order No.	Dia of Mill Tol e8	Shank Dia mm	Flute Length mm	Overall Length mm	Code No.
VE166-3	3	6	8	50	6007-240
VE166-4	4	6	11	50	6007-241
VE166-5	5	6	13	50	6007-242
VE166-6	6	6	16	50	6007-243
VE166-8	8	8	20	60	6007-244
VE166-10	10	10	22	72	6007-245
VE166-12	12	12	26	75	6007-246
VE166-16	16	16	38	100	6007-247
VE166-20	20	20	38	100	6007-248

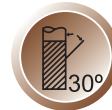
Long Length(Order No.VE167X-Dia) Unit:mm

Order No.	Dia of Mill Tol e8	Shank Dia mm	Flute Length mm	Overall Length mm	Code No.
VE167-6	6	6	26	70	6007-250
VE167-8	8	8	36	90	6007-251
VE167-10	10	10	46	100	6007-252
VE167-12	12	12	56	110	6007-253
VE167-16	16	16	66	140	6007-254
VE167-20	20	20	76	160	6007-255



Solid Carbide NC/CNC Spot Drills

Micro grain 10% Co Grade



Suit For Materials Groups

GR.1 Non alloyed steels Alloyed steels	GR.2 Heat resistant steels Stainless steels	GR.3 Hardened steels < 48 HRC	GR.4 Hardened steels 48-56 HRC
GR.5 Hardened steels 56-68 HRC	GR.6 Iron	GR.7 Titanium	GR.8 Nickel
GR.9 Copper Brass Bronze	GR.10 Aluminium	GR.11 Synthetic materials	GR.12 Composite materials

Standard Length 90°Angle(Order No.VD903-Dia) Unit:mm

Order No.	Dia of Mill Tol e8	Shank Dia mm	Flute Length mm	Overall Length mm	Code No.
VD903-3	3	3	10	40	6007-260
VD903-4	4	4	12	50	6007-261
VD903-5	5	5	15	50	6007-262
VD903-6	6	6	20	60	6007-263
VD903-8	8	8	25	60	6007-264
VD903-10	10	10	25	76	6007-265
VD903-12	12	12	30	76	6007-266
VD903-16	16	16	35	100	6007-267
VD903-20	20	20	40	100	6007-268

Standard Length 120°Angle(Order No.VD913-Dia) Unit:mm

Order No.	Dia of Mill Tol e8	Shank Dia mm	Flute Length mm	Overall Length mm	Code No.
VD913-3	3	3	10	40	6007-270
VD913-4	4	4	12	50	6007-271
VD913-5	5	5	15	50	6007-272
VD913-6	6	6	20	60	6007-273
VD913-8	8	8	25	60	6007-274
VD913-10	10	10	25	76	6007-275
VD913-12	12	12	30	76	6007-276
VD913-16	16	16	35	100	6007-277
VD913-20	20	20	40	100	6007-278

Long Length 90°Angle(Order No.VD904-Dia) Unit:mm

Order No.	Dia of Mill Tol e8	Shank Dia mm	Flute Length mm	Overall Length mm	Code No.
VD904-6	6	6	20	100	6007-280
VD904-8	8	8	25	125	6007-281
VD904-10	10	10	25	150	6007-282
VD904-12	12	12	30	150	6007-283
VD904-16	16	16	35	150	6007-284
VD904-20	20	20	40	150	6007-285

Long Length 120°Angle(Order No.VD914-Dia) Unit:mm

Order No.	Dia of Mill Tol e8	Shank Dia mm	Flute Length mm	Overall Length mm	Code No.
VD914-6	6	6	20	100	6007-290
VD914-8	8	8	25	125	6007-291
VD914-10	10	10	25	150	6007-292
VD914-12	12	12	30	150	6007-293
VD914-16	16	16	35	150	6007-294
VD914-20	20	20	40	150	6007-295