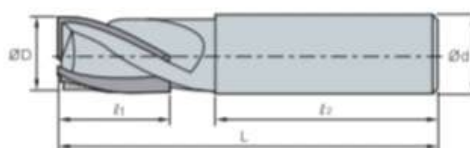


ZSE200/300 (Flat)



ØD	Tolerance
All	0.00~ -0.05

(mm)

Designation	ØD	Ød	L ₁	L ₂	L
ZSE					
214	14	16	28	57	95
215	15	16	28	57	95
216(Q)	16	16	28	55	95
217	17	20	30	70	115
218	18	20	30	70	115
219	19	20	30	70	115
220(Q)	20	20	30	70	115
221	21	20	35	65	115
222	22	20	35	65	115
223	23	25	35	75	125
224	24	25	35	75	125
225	25	25	35	75	125
226(Q)	26	25	35	75	125
227	27	25	35	75	125
228	28	25	35	75	125
229	29	32	40	95	150
230(Q)	30	32	40	95	150
231	31	32	40	95	150
232	32	32	45	90	150
233	33	32	45	90	150
234	34	32	50	85	150
235	35	32	50	85	150
236	36	32	50	85	150
237	37	32	55	80	150
238	38	32	55	80	150
238S	38	42	55	80	150
240(Q)	40	32	60	75	150
240S	40	42	60	75	150
242	42	32	60	75	150
244	44	32	65	80	160
245	45	32	65	80	160
245S	45	42	65	80	160
247	47	32	65	80	160
248	48	32	65	80	160
248S	48	42	65	80	160
250	50	32	65	80	160
250S	50	42	65	80	160
ZSE					
314	14	16	28	57	95
315	15	16	28	57	95
316	16	16	28	55	95
317	17	20	30	70	115
318	18	20	30	70	115
319	19	20	30	70	115
320	20	20	30	70	115
322	22	20	35	65	115
325	25	25	35	75	125
326	26	25	35	75	125
328	28	25	35	75	125
330	30	32	40	95	150
331	31	32	40	95	150

Special Endmills order: **ZSE**○○○○○-L

Ex.1) 2 flutes, diameter: 6.3, L: 10, L: 60 ZSBE2063 10-60L

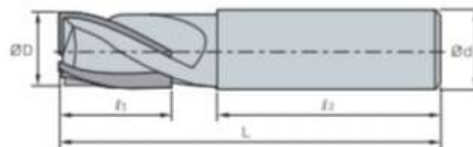
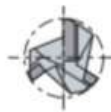
Ex.2) 2 flutes, diameter: 6.3, standard type **ZSE**2063



F

Endmills

ZSE300/400/600 (Flat)



ØD	Tolerance
All	0.00 - 0.05

(mm)

Designation	ØD	Ød	l ₁	l ₂	L
ZSE					
332	32	32	45	90	150
333	33	32	45	90	150
334	34	32	50	85	150
335	35	32	50	85	150
338	38	32	55	80	150
338S	38	42	55	80	150
340	40	32	60	75	150
340S	40	42	60	75	150
342	42	32	60	75	150
345	45	32	65	80	160
345S	45	42	65	80	160
350	50	32	65	80	160
350S	50	42	65	80	160
ZSE					
414	14	16	28	57	95
415	15	16	28	57	95
416(Q)	16	16	28	55	95
417	17	20	30	70	115
418	18	20	30	70	115
419	19	20	30	70	115
420(Q)	20	20	30	70	115
421	21	20	35	65	115
422	22	20	35	65	115
423	23	25	35	75	125
424	24	25	35	75	125
425(Q)	25	25	35	75	125
426	26	25	35	75	125
427	27	25	35	75	125
428	28	25	35	75	125
429	29	32	40	95	150
430	30	32	40	95	150
432(Q)	32	32	45	90	150
435	35	32	50	80	150
438	38	32	55	85	150
438S	38	42	55	85	150
440(Q)	40	32	60	75	150
440S	40	42	60	75	150
445	45	32	65	80	160
445S	45	42	65	80	160
450	50	32	65	80	160
450S	50	42	65	80	160
ZSE					
634	34	32	50	85	150
635	35	32	50	85	150
638	38	32	55	80	150
638S	38	42	55	80	150
640	40	32	60	75	150
640S	40	42	60	75	150
645	45	32	65	80	160
645S	45	42	65	80	160
650	50	32	65	80	160
650S	50	42	65	80	160

Special Endmills order: ZSE00000-L

Ex.1) 2 flutes, diameter: 6.3, l: 10, L: 60 ZSBE2063 10-60L

Ex.2) 2 flutes, diameter: 6.3, standard type ZSE2063