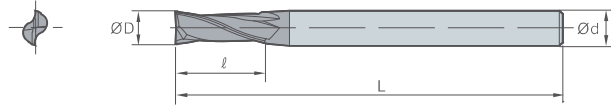


IPFE2000 (Flat)



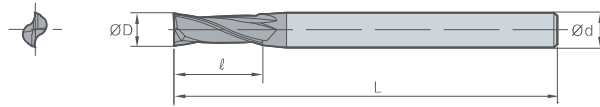
ØD	Tolerance
Ø1~Ø12	0.00~ -0.02
Ø12.1~Ø20	0.00~ -0.03



(mm)

Designation	ØD	Ød	ℓ	L
IPFE				
2010-050-S3	1	3	3	50
2010-050-S4	1	4	3	50
2010-050	1	6	3	50
2015-050-S3	1.5	3	4	50
2015-050-S4	1.5	4	4	50
2015-050	1.5	6	4	50
2020-050-S3	2	3	6	50
2020-050-S4	2	4	6	50
2020-050	2	6	6	50
2025-050-S3	2.5	3	8	50
2025-050-S4	2.5	4	8	50
2025-050	2.5	6	8	50
2030-050-S3	3	3	8	50
2030-050-S4	3	4	8	50
2030-050	3	6	8	50
2035-050-S4	3.5	4	10	50
2035-050	3.5	6	10	50
2040-050-S4	4	4	11	50
2040-050	4	6	11	50
2045-050	4.5	6	13	50
2050-050	5	6	13	50
2055-050	5.5	6	13	50
2060-050	6	6	16	50
2065-060	6.5	8	16	60
2070-060	7	8	16	60
2075-060	7.5	8	19	60
2080-060	8	8	20	60
2085-075	8.5	10	20	75
2090-075	9	10	20	75
2095-075	9.5	10	25	75
2100-075	10	10	25	75
2105-075	10.5	12	25	75
2110-075	11	12	30	75
2115-075	11.5	12	30	75
2120-075	12	12	32	75
2140-100	14	16	40	100
2160-100	16	16	40	100
2180-100	18	20	45	100
2200-100	20	20	45	100



IPLFE2000 (Long flat)

ØD	Tolerance
Ø1~Ø12	0.00~-0.02
Ø12.1~Ø20	0.00~-0.03

**Long shank type**

(mm)

Designation	ØD	Ød	ℓ	L
IPLFE 2	2060-075	6	6	75
	2060-100	6	6	100
	2080-075	8	8	75
	2080-100	8	8	100
	2100-100	10	10	100
	2100-150	10	10	150
	2120-100	12	12	100
	2120-150	12	12	150

Long flute type

(mm)

Designation	ØD	Ød	ℓ	L
IPLFE 2	2010-050-V7S4	1	4	50
	2015-050-V9S4	1.5	4	50
	2020-050-V12S4	2	4	50
	2025-050-V12S4	2.5	4	50
	2030-060-V15S6	3	6	60
	2035-060-V15S6	3.5	6	60
	2040-075-V20S6	4	6	75
	2045-075-V20S6	4.5	6	75
	2050-075-V25S6	5	6	75
	2055-075-V25S6	5.5	6	75
	2060-075-V30S6	6	6	75
	2070-100-V30S8	7	8	100
	2080-100-V40S8	8	8	100
	2090-100-V40S10	9	10	100
	2100-100-V40S10	10	10	100
	2110-100-V40S12	11	12	100
	2120-100-V50S12	12	12	100
	2140-150-V50S16	14	16	150
	2160-150-V60S16	16	16	150
	2200-200-V90S20	20	20	200