

Diamond Graphite



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DIAMOND GRAPHITE, geometria specifica per la fresatura di grafite ed alluminio ad alta percentuale di Silicio (6%~12%).

DIAMOND GRAPHITE, rivestimento esclusivo OSAWA-DIAMOND.

DIAMOND GRAPHITE, grazie alla speciale geometria ed al rivestimento DIAMOND, garantiscono lunga durata, stabilità del tagliente, ottima finitura e taglio preciso.



DIAMOND GRAPHITE, special geometry for graphite and high Silicon (6%~12%) aluminium milling. DIAMOND GRAPHITE, exclusive OSAWA - DIAMOND coating. DIAMOND GRAPHITE, thanks to the special geometry and DIAMOND coating, guarantee long tool life, cutting edge stability, perfect finishing and precise cutting.



DIAMOND GRAPHITE, Spezialgeometrie zum Fräsen von Graphit und Aluminium mit hohem Silikonanteil (6%~12%). DIAMOND GRAPHITE, exklusive Beschichtung OSAWA-DIAMOND. DIAMOND GRAPHITE, sichern dank der Spezialgeometrie und der Beschichtung DIAMOND, lange Haltbarkeit, Stabilität der Schneide, ausgezeichnete Fertigungsqualität und präzises Schneiden.



DIAMOND GRAPHITE, géométrie spécifique pour le fraisage de graphite et d'aluminium à haute teneur en Silicone (6%~12%). DIAMOND GRAPHITE, revêtement exclusif OSAWA-DIAMOND. DIAMOND GRAPHITE, grâce à la géométrie spéciale et aux revêtements DIAMOND, ces fraises garantissent une longue durée, la stabilité du tranchant, une excellente finition et une coupe précise.

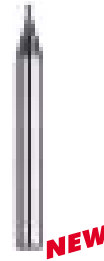
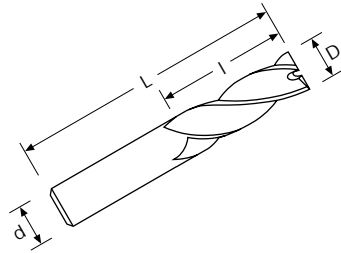
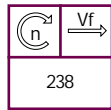
CODICE · ITEM NO. ARTIKEL NR. · RÉFÉRENCE	DESCRIZIONE · DESCRIPTION EZEICHUNG · DESCRIPTION	PAGINA · PAGE SEITE · PAGE	
MPG203R	2F CR DIAMOND micro	120	 NEW
MPG253	2F B DIAMOND micro	120	 NEW
MPG250	2F B DIAMOND corta · short · kurz · courte	121	 NEW
MPG251	2FB DIAMOND lunga · long · lang · lounge	122	 NEW
MPG252	2FB DIAMOND extra lunga · extra long 2FB DIAMOND extra lang · extra lounge	123	 NEW
MPG311R	3F CR DIAMOND lunga · long · lang · lounge	124	 NEW

Diamond Graphite



MICROFRESE 2F
 2F MINIATURE END MILLS
 2F MIKROFRÄSER
 MICRO FRAISES 2F

DIAMOND GRAPHITE



NEW

DIAMOND

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE						MPG203R
TIPO / TYPE / TYP / TYPE						GR
NR.TAGLIANTI / FLUTES NO. / NUTENZAHL / NB.DE DENTS						2 CR
ATTACCO / SHANK / SCHAFT / QUEUE						C
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE						M
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT						DIAMOND
NORMA / NORM / NORM / NORME						OSAWA
TOLLERANZA / TOLERANCE / TOLERANZ / TOLÉRANCE						*
ELICA / HELIX / SPIRAL / HÉLICE						30°
D	d	d1	l	l1	L	Stock
MM. 0.6 x R0.05	3	0.55	0.9	3	40	●
MM. 0.8 x R0.05	3	0.75	1.2	4	40	●
MM. 1 x R0.10	3	0.95	1.5	5	40	○
MM. 1 x R0.10	3	0.95	1.5	8.5	40	●
MM. 1.2 x R0.10	3	1.15	1.8	6	50	●
MM. 1.5 x R0.15	3	1.40	2.2	7.5	50	○
MM. 1.5 x R0.15	3	1.40	2.2	12	50	●
MM. 2 x R0.20	3	1.90	2.2	10	60	○
MM. 2 x R0.20	3	1.90	2.2	16	60	●

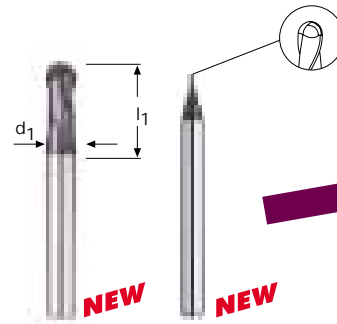
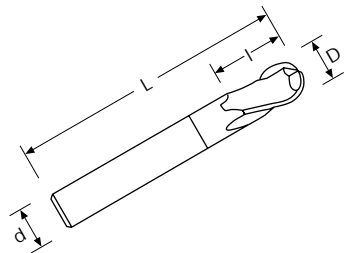
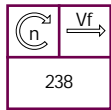
R: ± 0.02mm

	Tol. μ
Ø mm.	0.5-3
D*	0/-15
d*	0/-6



Diamond Graphite

🇮🇹 FRESE 2F, RAGGIATE 🇬🇧 2F, BALL NOSE END MILLS
🇩🇪 2F, FRÄSER MIT RUNDER STIRN 🇫🇷 FRAISE 2F, À BOUT HÉMISPHERIQUE



DIAMOND GRAPHITE

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE						MPG250	MPG253
TIPO / TYPE / TYP / TYPE						GR	GR
NR.TAGLIANTI / FLUTES NO. / NUTENZAHL / NB.DE DENTS						2B	2B
ATTACCO / SHANK / SCHAFT / QUEUE						C	C
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE						M	M
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT						DIAMOND	DIAMOND
NORMA / NORM / NORM / NORME						OSAWA	OSAWA
TOLLERANZA / TOLERANCE / TOLERANZ / TOLÉRANCE						e8	*
ELICA / HELIX / SPIRAL / HÉLICE						30°	30°
D	d(h6)	d1	l	l1	L	Stock	Stock
MM. 0.6	3	0.55	0.6	3	40		●
MM. 0.8	3	0.75	0.8	4	40		●
MM. 1	3	0.95	1	5	40		○
MM. 1	3	0.95	1	8.5	40		●
MM. 1.2	3	1.15	1.2	6	50		●
MM. 1.5	3	1.40	1.5	7.5	50		○
MM. 1.5	3	1.40	1.5	12	50		●
MM. 2	3	1.9	2.2	10	60		○
MM. 2	3	1.9	2.2	16	60		●
MM. 2	6	1.9	3	5	60	●	
MM. 2.5	6	2.4	4	6	60	○	
MM. 3	6	2.8	4.5	6.5	60	●	
MM. 3.5	6	3.2	5	7	65	○	
MM. 4	6	3.7	6	8	65	●	
MM. 5	6	4.6	7.5	10	65	●	
MM. 6	6	5.6	9	12	75	●	
MM. 8	8	7.4	12	25	75	●	
MM.10	10	9.4	15	30	80	●	
MM.12	12	11.4	18	36	90	○	

R: ± 0.01mm (MPG253), ± 0.02mm (MPG250)

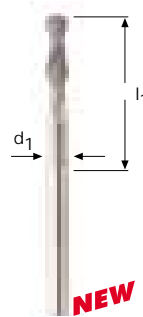
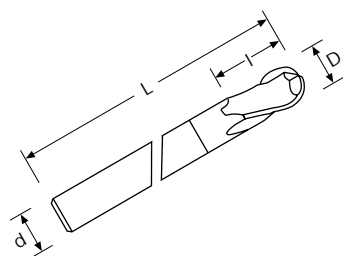
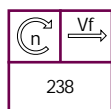
Ø mm.	Tol. µ				
	0.6-3	3.5-6	6.5-10	10.5-18	19-25
D e8	-14/-28	-20/-38	-25/-47	-32/-59	-40/-73
D*	-14/-28				
d h6	0/-6	0/-8	0/-9	0/-11	0/-13

Diamond Graphite



🇮🇹 FRESE 2F RAGGIATE LUNGHE 🇬🇧 2F BALL NOSE LONG END MILLS
 🇩🇪 LANGE 2F FRÄSER MIT RUNDER STIRN 🇫🇷 FRAISE 2F À BOUT HÉMISPHERIQUE LONGUES

DIAMOND GRAPHITE



DIAMOND

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE						MPG251
TIPO / TYPE / TYP / TYPE						GR
NR.TAGLIANTI / FLUTES NO. / NUTENZAHL / NB.DE DENTS						2B
ATTACCO / SHANK / SCHAFT / QUEUE						C
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE						M
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT						DIAMOND
NORMA / NORM / NORM / NORME						OSAWA
TOLLERANZA / TOLERANCE / TOLERANZ / TOLÉRANCE						e8
ELICA / HELIX / SPIRAL / HÉLICE						30°
D	d(h6)	d1	l	l1	L	Stock
MM. 2	4	1.95	10	20	80	●
MM. 3	4	2.9	15	25	80	●
MM. 4	4	3.9	20	30	80	●
MM. 5	6	4.9	30	50	100	●
MM. 6	6	5.5	30	50	100	●
MM. 8	8	7.5	40	60	110	●
MM.10	10	9.5	50	70	120	●
MM.12	12	11.5	55	75	130	○

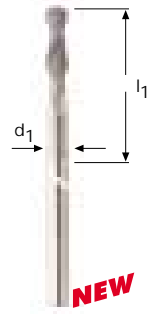
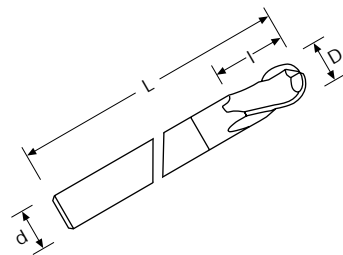
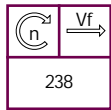
R: ± 0.02mm

Ø mm.	Tol. µ				
	1-3	3.5-6	6.5-10	10.5-18	19-25
D e8	-14/-28	-20/-38	-25/-47	-32/-59	-40/-73
d h6	0/-6	0/-8	0/-9	0/-11	0/-13



Diamond Graphite

🇮🇹 FRESE 2F RAGGIATE, EXTRA LUNGHE 🇬🇧 2F BALL NOSE END MILLS, EXTRA LONG
🇩🇪 EXTRA-LANGE 2F FRÄSER MIT RUNDER STIRN 🇫🇷 FRAISE 2F À BOUT HÉMISPHERIQUE, EXTRA LONGUES



DIAMOND

DIAMOND GRAPHITE

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE	MPG252					
TIPO / TYPE / TYP / TYPE	GR					
NR.TAGLIENTI / FLUTES NO. / NUTENZAHL / NB.DE DENTS	2B					
ATTACCO / SHANK / SCHAFT / QUEUE	C					
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE	M					
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT	DIAMOND					
NORMA / NORM / NORM / NORME	OSAWA					
TOLLERANZA / TOLERANCE / TOLERANZ / TOLÉRANCE	e8					
ELICA / HELIX / SPIRAL / HÉLICE	30°					
D	d (h6)	d1	l	l1	L	Stock
MM. 2	4	1.95	10	20	100	○
MM. 3	4	2.9	15	25	100	○
MM. 4	4	3.9	20	30	100	○
MM. 5	6	4.9	30	50	120	○
MM. 6	6	5.5	30	50	150	○
MM. 8	8	7.5	40	60	150	○

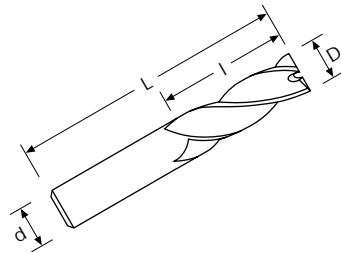
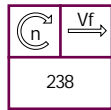
R: ± 0.02mm

Ø mm.	Tol. µ				
	1-3	3.5-6	6.5-10	10.5-18	19-25
D e8	-14/-28	-20/-38	-25/-47	-32/-59	-40/-73
d h6	0/-6	0/-8	0/-9	0/-11	0/-13

Diamond Graphite

🇮🇹 FRESE 3F TORICHE, LUNGHE 🇬🇧 3F CORNER RADIUS, LONG END MILLS
🇩🇪 3F LANGE ECKRADIUS FRÄSER 🇫🇷 FRAISE 3F TORIQUES, LONGUES

DIAMOND GRAPHITE



DIAMOND

CODICE / ITEM NO. / ARTIKEL NR. / RÉFÉRENCE	MPG311R			
TIPO / TYPE / TYP / TYPE	GR			
NR.TAGLIENTI / FLUTES NO. / NUTENZAHL / NB.DE DENTS	3			
ATTACCO / SHANK / SCHAFT / QUEUE	C			
MATERIALE / MATERIAL / WERKSTOFF / MATIÈRE	M			
RIVESTIMENTO / COATING / BESCHICHTUNG / REVÊTEMENT	DIAMOND			
NORMA / NORM / NORM / NORME	OSAWA			
TOLLERANZA / TOLERANCE / TOLERANZ / TOLÉRANCE	*			
ELICA / HELIX / SPIRAL / HÉLICE	40°			
D	d (h6)	l	L	Stock
MM. 2 xR0.15	3	9	60	●
MM. 3 xR0.15	3	30	60	●
MM. 4 xR0.2	4	30	60	●
MM. 5 xR0.3	5	35	70	●
MM. 6 xR0.3	6	40	100	●
MM. 8 xR0.5	8	40	100	●
MM.10 xR0.5	10	40	100	○
MM.12 xR0.5	12	45	100	○

R: ± 0.02mm

Ø mm.	Tol. µ			
	2-3	3.5-6	6.5-10	10.5-12
D*	-10/-50	-10/-50	0/-60	0/-60
d h6	0/-6	0/-8	0/-9	0/-11