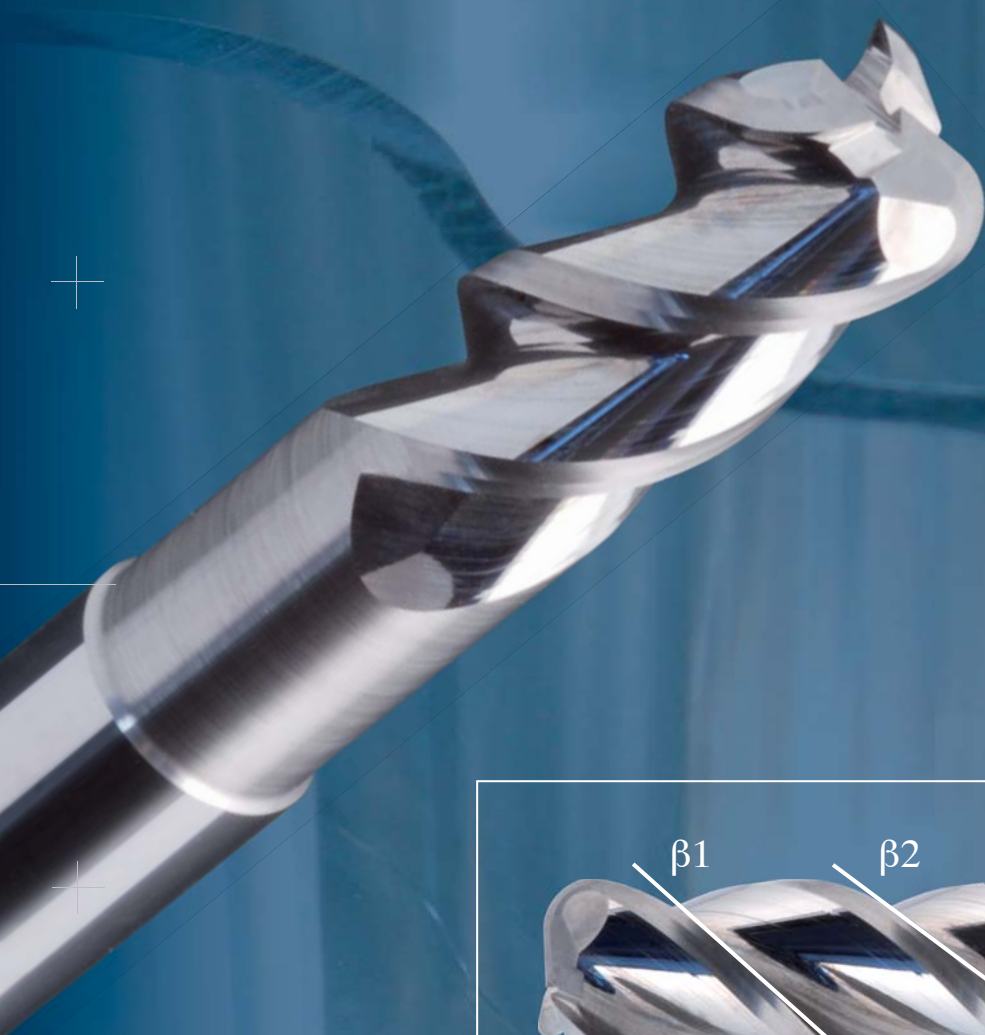


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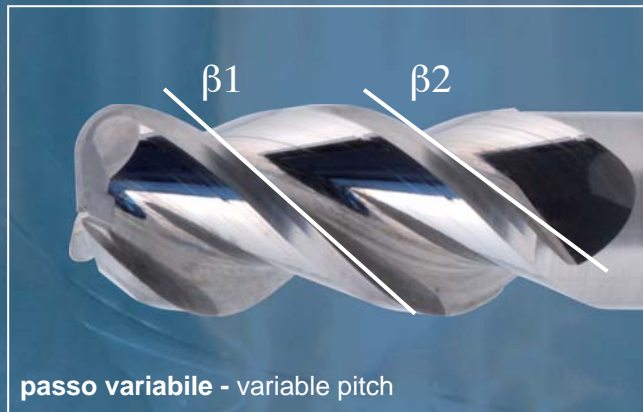
**NUOVE FRESE M.D.I. PER ALLUMINIO "SM 3315..N01"**  
**NEW HM MILLING CUTTERS FOR ALUMINIUM "SM 3315..N01"**

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**N**

**ALLUMINIO**  
**ALUMINIUM**



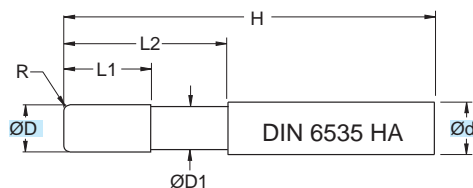
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 **SAU**  
QUALITY TOOLS ENGINEERING

# SM3315..N01

ØD = 6 - 16

**NEW**



Fresa in M.D.I. Micrograno  
 Gambo cilindrico HA - Serie media sec. DIN 6527

Micrograin HM mills  
 cylindrical Shank HA - DIN 6527 medium Type

TOLLERANZE	D	d
TOLERANCE RANGE	h10	h6

R	ALU ≤5% Si

ART.	Prezzo Listing Price List €	(mm)								
ART.	€	ØD	Ød	ØD1	L1	L2	H	R	z	
SM3315.060.R050.N01	38,00	6	6	5,5	12	27	63	0,50	3	
SM3315.060.R100.N01	38,00	6	6	5,5	12	27	63	1,00	3	
SM3315.060.R150.N01	38,00	6	6	5,5	12	27	63	1,50	3	
SM3315.080.R050.N01	47,00	8	8	7,4	16	33	70	0,50	3	
SM3315.080.R100.N01	47,00	8	8	7,4	16	33	70	1,00	3	
SM3315.080.R200.N01	47,00	8	8	7,4	16	33	70	2,00	3	
SM3315.100.R050.N01	66,00	10	10	9,2	20	35	75	0,50	3	
SM3315.100.R150.N01	66,00	10	10	9,2	20	35	75	1,50	3	
SM3315.100.R250.N01	66,00	10	10	9,2	20	35	75	2,50	3	
SM3315.100.R300.N01	66,00	10	10	9,2	20	35	75	3,00	3	
SM3315.100.R400.N01	66,00	10	10	9,2	20	35	75	4,00	3	
SM3315.120.R050.N01	90,00	12	12	11,0	24	39	84	0,50	3	
SM3315.120.R150.N01	90,00	12	12	11,0	24	39	84	1,50	3	
SM3315.120.R250.N01	90,00	12	12	11,0	24	39	84	2,50	3	
SM3315.120.R300.N01	90,00	12	12	11,0	24	39	84	3,00	3	
SM3315.120.R400.N01	90,00	12	12	11,0	24	39	84	4,00	3	
SM3315.160.R050.N01	144,00	16	16	15,0	32	50	100	0,50	3	
SM3315.160.R200.N01	144,00	16	16	15,0	32	50	100	2,00	3	
SM3315.160.R250.N01	144,00	16	16	15,0	32	50	100	2,50	3	
SM3315.160.R300.N01	144,00	16	16	15,0	32	50	100	3,00	3	
SM3315.160.R400.N01	144,00	16	16	15,0	32	50	100	4,00	3	

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Applicazione - Application	MATERIALI - MATERIALS													ØD (mm)	Vc (m/min)	fz (mm)	ap (mm)	ae (mm)				
	P			M	K			N			S	H	G									
	ACCIAIO NON LEGATO NOT ALLOY STEEL	ACCIAIO POCO LEGATO LOW ALLOY STEEL	ACCIAIO ALTO LEGATO ALLOY STEEL	INOX MARTENSITICO STAINLESS STEEL, MART.	INOX AUST. DUPLEX STAINLESS STEEL AUST.	GHISA GRIGIA GREY CAST IRON	GHISA SFEROIDALE SPHEROIDAL GRAPHITE	GHISA MALLEABILE MALLEABLE CAST IRON	ALLUMINIO E SUE LEGHE ALUMINIUM	RAME E SUE LEGHE COPPER	NON METALLICI PLASTICS	LEGHE RESIST. CALORE HIGH TEMP. ALLOY	TITANIO E SUE LEGHE TITANIUM						ACCIAIO TEMPRATO HARDENED STEEL	GRAFITE GRAPHITE		
																6	400	0,095	3,6	1,5		
																	8	400	0,130	4,8	2,0	
																	10	400	0,160	6,0	2,5	
																	12	400	0,175	7,2	3,0	
																	16	400	0,195	9,6	4,0	

- APPLICAZIONE CONSIGLIATA-RECOMMENDED APPLICATION  
EMPFOHLENER EINSATZ - APPLICATION CONSEILLÉE
- APPLICAZIONE POSSIBILE - POSSIBLE APPLICATION  
MÖGLICHE ANWENDUNG - APPLICATION POSSIBLE

Vc = m/min VELOCITÀ DI TAGLIO - CUTTING SPEED  
 n = giri/min (min<sup>-1</sup>) NUMERO DI GIRI - NUMBER OF REVOLUTIONS  
 fz = mm AVANZAMENTO AL DENTE - TOOTH FEED  
 fn = mm AVANZAMENTO AL GIRO - FEED / REVOLUTION  
 Vf = mm/min VELOCITÀ DI AVANZAMENTO - FEED SPEED

$$n = \frac{Vc \cdot 1000}{\text{ØD} \cdot 3,14} = \text{giri/min (min}^{-1}\text{)}$$

$$fn = fz \cdot z = \text{mm}$$

$$Vf = fz \cdot z \cdot n = \text{mm/min}$$

Made In Italy



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