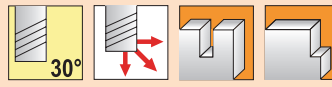


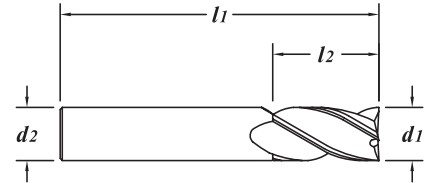
160MA (860MA metric) / z = 2
 170MA (870MA metric) / z = 4

Technical information:
 page 200, 202



TOLERANCES		
d1	+0,000 -0,050mm (+,000" -0,002")	
d2	3mm - 6mm	-0,0000 -0,0075mm (-,0000" -0,003")
	1/4" - 1"	-0,0025 -0,0100mm (-,0001" -0,004")

Stub Length - TiALN Coated
Kurze Länge - TiALN-Beschichtet
Longitud Corta - Recubrimiento de TiALN
Longueur Courte - Revêtement TiALN
Serie Corta - Rivestimento in TiALN
短柱长度 - TiALN 涂层



Solid submicron grain carbide end mill - center cutting
 Shorter flute length for rigidity
 Dry or semi-dry machining
 Up to 40% faster than uncoated
 Extremely versatile
 Uncoated - page 122



Vollhartmetallfräser aus Feinkornhartmetall - Zentrumschnitt
 Kürzere Spannuten für höhere Stabilität
 Trocken oder Halbtrockene Bearbeitung
 Bis zu 40% schneller als unbeschichtete Werkzeuge
 Extrem Vielseitig
 Unbeschichtet - Seite 122



Fresa de submicrograno sólido carburo - corte centrado
 Longitud de ranura más corta para proporcionar mayor rigidez
 Mecanizado seco o semisecco
 Hasta un 40% más rápido que sin recubrimiento
 Extremadamente versátil
 Sin recubrimiento - Página 122



Fraises carbure submicrograin - coupe au centre
 Longueur de coupe courte pour plus de rigidité
 Usinage a sec ou avec l'air
 40% plus rapide que le non revetu
 Utilisations variables
 Sans revêtement - Page 122



Super sub-micrograno metallo duro - taglio al centro
 Tagliante più corto per maggiore rigidità
 Lavorazione a secco o a umido
 40% più veloce rispetto non rivestito
 Estremamente versatile
 Non Rivestito - Pagina 122



超细晶粒整体硬质合金铣刀 - 中心切削
 为了增加刚性应缩短出屑槽长度
 干式或半干式机加工
 跟无涂层刀具相比可提高速度高达40%
 功能极多
 未涂层 - 122页

z = 2 EDP#	z = 4 EDP#	Decimal	d1 † Diameter		d2 Shank Diameter	l1 Overall Length	l2 Flute Length
			Metric				
01017	02017	.0312	1/32"	0,79	1/8"	1-1/2"	1/16"
01517	02517	.0394		1,00	3,0	38	2
01027	02027	.0469	3/64"	1,19	1/8"	1-1/2"	3/32"
01527	02527	.0591		1,50	3,0	38	3
01037	02037	.0625	1/16"	1,59	1/8"	1-1/2"	1/8"
01537	02537	.0787		2,00	3,0	38	4
01047	02047	.0938	3/32"	2,38	1/8"	1-1/2"	3/16"
01547	02547	.0984		2,50	3,0	38	5
01557	02557	.1181		3,00	3,0	38	6
01057	02057	.1250	1/8"	3,17	1/8"	1-1/2"	1/4"
01567	02567	.1378		3,50	4,0	50	7
01067	02067	.1562	5/32"	3,97	3/16"	2"	5/16"
01577	02577	.1575		4,00	4,0	50	8
01587	02587	.1772		4,50	5,0	50	9.5
01077	02077	.1875	3/16"	4,76	3/16"	2"	3/8"
01597	02597	.1969		5,00	5,0	50	10
01087	02087	.2188	7/32"	5,56	1/4"	2"	7/16"
01607	02607	.2362		6,00	6,0	50	12
01097	02097	.2500	1/4"	6,35	1/4"	2"	1/2"
01617	02617	.2756		7,00	7,0	50	12
01107	02107	.3125	5/16"	7,94	5/16"	2"	1/2"
01627	02627	.3150		8,00	8,0	50	12
01637	02637	.3543		9,00	9,0	50	14
01117	02117	.3750	3/8"	9,52	3/8"	2"	5/8"
01647	02647	.3937		10,00	10,0	50	16
01657	02657	.4331		11,00	11,0	65	19
01127	02127	.4375	7/16"	11,11	7/16"	2-1/2"	5/8"
01667	02667	.4724		12,00	12,0	65	19
01137	02137	.5000	1/2"	12,70	1/2"	2-1/2"	5/8"
01147	02147	.6250	5/8"	15,87	5/8"	3"	3/4"
01677	02677	.6299		16,00	16,0	75	19
01157	02157	.7500	3/4"	19,05	3/4"	3"	1"
01687	02687	.7874		20,00	20,0	75	25
-	02697	.9843		25,00	25,0	75	25
-	02167	1.000	1"	25,40	1"	3"	1"