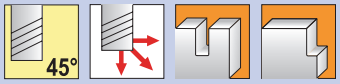
255RA (855RA metric) / z = 5

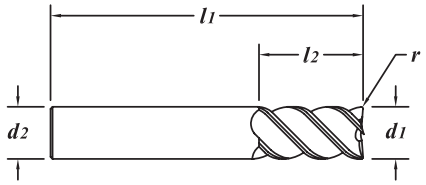
.1181" - .3125"
(3,00mm - 7,94mm)

Technical information: page 201, 203



TOLERANCES		
d_1	+0,000 –0,050mm (+.000" –.002")	
d_2	3mm - 6mm	+0,0000 –0,0075mm (+.0000" –.0003")
	1/4" - 1"	–0,0025 –0,0100mm (–.0001" –.0004")
r	+0,025 –0,025mm (+.001" –.001")	

Corner Radius - *Balinit*® X.CEED Coated
Eckenradius - *Balinit*® X.CEED-Beschichtet
Ángulo Redondeado - Recubrimiento de *Balinit*® X.CEED
Rayon de Coin - Revêtement *Balinit*® X.CEED
Torica - Rivestimento in *Balinit*® X.CEED
圆角半径 - *Balinit*® X.CEED 涂层



Solid submicron grain carbide end mill - center cutting
High performance milling
Rigid work holding, machine stability and part integrity are critical!
Dry or semi-dry machining
Up to 40% faster than uncoated
Improved finishes in titanium
Heavy core
An ideal tool for finishing applications after using the VRX end mill (see page 103)
Recommended for steels, stainless steel and exotics

Hochleistungs- Vollhartmetallfräser aus Feinkornhartmetall - Zentrumsschnitt
Hochleistungsbearbeitung
Gute Werkstückspannung, Machschinenstabilität und Teileintegration sind entscheidend !
Trocken oder Halbtrockene Bearbeitung
Bis zu 40% schneller als unbeschichtete Werkzeuge
Verbessertes Schlichten von Titan
Starker Kern
Ein ideales Werkzeug zum Schlichten nach der Benutzung des VRX Fräsers (Siehe Seite 103)
Empfohlen für Stahl, Rostfreiem Stahl und exotischen Werkstoffen

Fresa de submicrograno sólido carburo de alto rendimiento - corte centrado
Mecanizado de alto rendimiento
La sujección firme del útil, la estabilidad de la máquina y la integridad de las piezas son cruciales
Mecanizado seco o semiseco
Hasta un 40% más rápido que sin recubrimiento
Acabados mejorados en titanio
Núcleo pesado
Herramienta ideal para aplicaciones de acabado después de la utilización de fresas VRX (Véase página 103)
Recomendado para aceros, acero inoxidable y materiales exóticos

Fraises carbure submicrograin - coupe au centre
Pour haute performance fraisage
Le serrage et la stabilite de la piece, la rigidite de la machine et l'atatchment de l'outil sont tres importantes
Usinage a sec ou avec l'air
40% plus rapide que le non revetu
Amelioration des finitions dans le Titane
Un outil ideal pour la finition apres l'utilisation des fraises VRX (voir page 103)
Recommandee pour aciers, aciers inoxydables et alliages exotiques

Super sub-micrograno metallo duro - taglio al centro
Alte prestazioni per lavorazioni di acciai, inox e materiali esotici
Serraggio rigido, macchina stabile e ottimo bloccaggio del pezzo sono necessari!
Lavorazione a secco o a umido
40% più veloce rispetto non rivestito
Consigliata per una migliore finitura sul titanio
Utensile ideale per operazioni di finitura dopo l'utilizzo della fresa VRX (Vedi pagina 103)

高效超细晶粒整体硬质合金立铣刀 – 中心切削
在钢件、不锈钢和稀有材质上作高效铣削
高刚性工件夹持、机床稳定性以及零件的牢固性是至关重要的因素!
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%
改善钛合金的光洁度
强力芯部
VRX立铣刀是一种理想刀具，适合精加工 (见103页)

	EDP#	d_1 † Diameter Decimal	d_1 † Diameter	d_1 † Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	r Corner Radius
	83527	.1181		**3,00**	**3,0**	**38**	**8**	**0,2**
	83537	.1181		**3,00**	**3,0**	**38**	**8**	**0,5**
	83547	.1181		**3,00**	**3,0**	**50**	**12**	**0,2**
NEW	83550	.1181		**3,00**	**3,0**	**50**	**12**	**0,3**
	83557	.1181		**3,00**	**3,0**	**50**	**12**	**0,5**
	83567	.1250	1/8"	3,17	1/8"	1-1/2"	1/4"	.010"
	83577	.1250	1/8"	3,17	1/8"	1-1/2"	1/4"	.020"
	83587	.1250	1/8"	3,17	1/8"	2"	1/2"	.010"
	83597	.1250	1/8"	3,17	1/8"	2"	1/2"	.020"
NEW	83600	.1250	1/8"	3,17	1/8"	2"	1/2"	.030"
	83607	.1575		**4,00**	**6,0**	**50**	**8**	**0,3**
	83617	.1575		**4,00**	**6,0**	**50**	**8**	**0,5**
	83627	.1575		**4,00**	**6,0**	**50**	**12**	**0,3**
	83637	.1575		**4,00**	**6,0**	**50**	**12**	**0,5**
	83647	.1875	3/16"	4,76	3/16"	2"	5/16"	.010"
	83657	.1875	3/16"	4,76	3/16"	2"	5/16"	.020"
	83667	.1875	3/16"	4,76	3/16"	2"	9/16"	.010"
	83677	.1875	3/16"	4,76	3/16"	2"	9/16"	.020"
NEW	83680	.1875	3/16"	4,76	3/16"	2"	9/16"	.030"
	83707	.1969		**5,00**	**6,0**	**65**	**15**	**0,3**
	83717	.1969		**5,00**	**6,0**	**65**	**15**	**0,5**
	83767	.2362		**6,00**	**6,0**	**50**	**12**	**0,3**
	83777	.2362		**6,00**	**6,0**	**50**	**12**	**0,5**
NEW	83780	.2362		**6,00**	**6,0**	**65**	**19**	**0,2**
	83787	.2362		**6,00**	**6,0**	**65**	**19**	**0,3**
	83797	.2362		**6,00**	**6,0**	**65**	**19**	**0,5**
NEW	83807	.2362		**6,00**	**6,0**	**65**	**19**	**1,0**
	83827	.2500	1/4"	6,35	1/4"	2"	3/8"	.015"
	83837	.2500	1/4"	6,35	1/4"	2"	3/8"	.030"
NEW	83845	.2500	1/4"	6,35	1/4"	2-1/2"	3/4"	.010"
	83847	.2500	1/4"	6,35	1/4"	2-1/2"	3/4"	.015"
	83857	.2500	1/4"	6,35	1/4"	2-1/2"	3/4"	.030"
NEW	83877	.2500	1/4"	6,35	1/4"	2-1/2"	3/4"	.060"
	83927	.3125	5/16"	7,94	5/16"	2"	7/16"	.020"
	83937	.3125	5/16"	7,94	5/16"	2"	7/16"	.030"
NEW	83940	.3125	5/16"	7,94	5/16"	2-1/2"	13/16"	.010"
	83947	.3125	5/16"	7,94	5/16"	2-1/2"	13/16"	.020"
	83957	.3125	5/16"	7,94	5/16"	2-1/2"	13/16"	.030"
NEW	83977	.3125	5/16"	7,94	5/16"	2-1/2"	13/16"	.060"

continued →

255RA (855RA metric) / z = 5 *(continued)*

.3150" - 1.000"
(8,00mm - 25,40mm)

	EDP#	d_1 † Diameter Decimal		d_1 † Diameter Metric	d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	r Corner Radius
	83987	.3150		**8,00**	**8,0**	**50**	**12**	**0,5**
	83997	.3150		**8,00**	**8,0**	**50**	**12**	**1,0**
NEW	84000	.3150		**8,00**	**8,0**	**65**	**22**	**0,3**
	84007	.3150		**8,00**	**8,0**	**65**	**22**	**0,5**
	84017	.3150		**8,00**	**8,0**	**65**	**22**	**1,0**
NEW	84027	.3150		**8,00**	**8,0**	**65**	**22**	**1,5**
	84087	.3750	3/8"	9,52	3/8"	2"	1/2"	.020"
	84097	.3750	3/8"	9,52	3/8"	2"	1/2"	.030"
NEW	84100	.3750	3/8"	9,52	3/8"	2-1/2"	7/8"	.010"
	84107	.3750	3/8"	9,52	3/8"	2-1/2"	7/8"	.020"
	84117	.3750	3/8"	9,52	3/8"	2-1/2"	7/8"	.030"
NEW	84137	.3750	3/8"	9,52	3/8"	2-1/2"	7/8"	.060"
	84167	.3937		**10,00**	**10,0**	**70**	**22**	**0,5**
	84177	.3937		**10,00**	**10,0**	**70**	**22**	**1,0**
NEW	84257	.4724		**12,00**	**12,0**	**75**	**32**	**0,3**
	84267	.4724		**12,00**	**12,0**	**75**	**32**	**0,5**
	84277	.4724		**12,00**	**12,0**	**75**	**32**	**1,0**
NEW	84287	.4724		**12,00**	**12,0**	**75**	**32**	**1,5**
NEW	84307	.5000	1/2"	12,70	1/2"	3"	1-1/4"	.010"
	84317	.5000	1/2"	12,70	1/2"	3"	1-1/4"	.020"
	84327	.5000	1/2"	12,70	1/2"	3"	1-1/4"	.030"
	84337	.5000	1/2"	12,70	1/2"	3"	1-1/4"	.060"
NEW	84357	.5000	1/2"	12,70	1/2"	3"	1-1/4"	.120"
	84367	.5000	1/2"	12,70	1/2"	4"	2"	.030"
	84377	.5000	1/2"	12,70	1/2"	4"	2"	.060"
NEW	84397	.5000	1/2"	12,70	1/2"	4"	2"	.120"
NEW	84467	.6250	5/8"	15,87	5/8"	3-1/2"	1-1/4"	.015"
	84487	.6250	5/8"	15,87	5/8"	3-1/2"	1-1/4"	.030"
	84497	.6250	5/8"	15,87	5/8"	3-1/2"	1-1/4"	.060"
NEW	84507	.6250	5/8"	15,87	5/8"	3-1/2"	1-1/4"	.120"
	84567	.6299		**16,00**	**16,0**	**88**	**32**	**1,0**
	84577	.6299		**16,00**	**16,0**	**88**	**32**	**2,0**
	84587	.6299		**16,00**	**16,0**	**150**	**65**	**1,0**
	84597	.6299		**16,00**	**16,0**	**150**	**65**	**2,0**
NEW	84667	.7500	3/4"	19,05	3/4"	4"	1-1/2"	.015"
	84687	.7500	3/4"	19,05	3/4"	4"	1-1/2"	.030"
	84697	.7500	3/4"	19,05	3/4"	4"	1-1/2"	.060"
NEW	84700	.7500	3/4"	19,05	3/4"	4"	1-1/2"	.120"
	84707	.7500	3/4"	19,05	3/4"	5"	2"	.030"
	84717	.7500	3/4"	19,05	3/4"	5"	2"	.060"
NEW	84747	.7500	3/4"	19,05	3/4"	5"	2"	.120"
NEW	84757	.7500	3/4"	19,05	3/4"	5"	2"	.190"
	84767	.7874		**20,00**	**20,0**	**100**	**38**	**1,0**
	84777	.7874		**20,00**	**20,0**	**100**	**38**	**3,0**
	84887	.9843		**25,00**	**25,0**	**100**	**38**	**1,0**
	84897	.9843		**25,00**	**25,0**	**100**	**38**	**3,0**
NEW	84957	1.000	1"	25,40	1"	4"	1-1/2"	.015"
	84967	1.000	1"	25,40	1"	4"	1-1/2"	.030"
NEW	84970	1.000	1"	25,40	1"	4"	1-1/2"	.060"
	84977	1.000	1"	25,40	1"	4"	1-1/2"	.120"
NEW	84980	1.000	1"	25,40	1"	4"	1-1/2"	.190"
	84987	1.000	1"	25,40	1"	5"	2"	.030"
	84997	1.000	1"	25,40	1"	5"	2"	.120"
NEW	85007	1.000	1"	25,40	1"	5"	2"	.190"

† *Metric equivalents are for reference only*