

ROUGH BALL FOR TRIPLE FEED RATES!

Cutter Style:
2TW7K

Insert Styles:
NCEU...R
NCEU...R-P
DCM

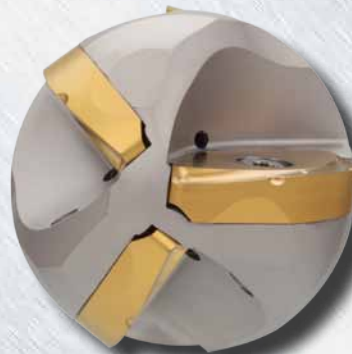
Grades:
IN2505
IN2530
IN6530

Applications:
Die & Mold
Aerospace
General



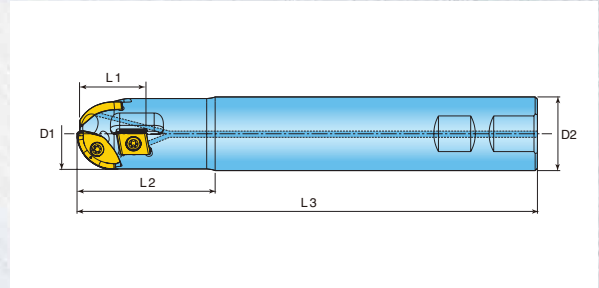
Features and Benefits

- 3 Flute Design Enables Increased Feed Rates
- Unique Double-Sided Insert with 2 Cutting Edges
- Highly Stable Cutting Performance with Exceptionally Strong Cutting Edges
- Coolant Through Provides Excellent Chip Evacuation



PRO^oTRIO CUTTERS

BALL NOSE ENDMILL, 3 FLUTES





Cutter Number	D1 Effective Diameter	D2 Shank Size/Style	L1 Length of Cut	L2 Extension	L3 Overall Length	Effective Cutting Edges
2TW7K-1203781R01	1.250	1.250 Weldon	1.530	3.720	6.000	3
2TW7K-1205281R01	1.250	1.250 Weldon	1.530	5.220	7.500	3
2TW7K-1504386R01	1.500	1.500 Weldon	1.870	4.300	7.000	3
2TW7K-1506386R01	1.500	1.500 Weldon	1.870	6.300	9.000	3
2TW7K-2004782R01	2.000	2.000 Weldon	3.345	4.720	8.000	3
2TW7K-2007582R01	2.000	2.000 Weldon	3.345	7.750	11.000	3

PRO^oTRIO INSERTS



Cutter Dia.	Cutter Number	Center Ball Station	Side Ball Station	Side Station	Grade	IN2505	IN2530	IN6530
1.250	2TW7K-1203781R01	NCEU320500R (1)	NCEU320500R-P (2)	DCM323R01 (2)		X	X	X
1.250	2TW7K-1205281R01	NCEU320500R (1)	NCEU320500R-P (2)	DCM323R01 (2)		X	X	X
1.500	2TW7K-1504386R01	NCEU380600R (1)	NCEU380600R-P (2)	DCM323R01 (2)		X	X	X
1.500	2TW7K-1506386R01	NCEU380600R (1)	NCEU380600R-P (2)	DCM323R01 (2)		X	X	X
2.000	2TW7K-2004782R01	NCEU500700R (1)	NCEU500700R-P (2)	DCM324R01 (4)		X	X	X
2.000	2TW7K-2007582R01	NCEU500700R (1)	NCEU500700R-P (2)	DCM324R01 (4)		X	X	X



		
	Screw	Driver
2TW7K-1203781R01	SM40-093-20	DS-T15T
2TW7K-1205281R01	SM40-093-20	DS-T15T
2TW7K-1504386R01	SM40-120-00	DS-T15T
2TW7K-1506386R01	SM40-120-00	DS-T15T
2TW7K-2004782R01	SM50-113-20	DS-T20T
2TW7K-2007582R01	SM50-113-20	DS-T20T

PRO^oTRIO TECHNICAL INFORMATION
PROFILE

Pro-Trio - Series 2TW7K					IN2505	IN2530	IN6530	Coolant
Material		Brinnell Hardness	SFM	Feed per Insert				
Cast Iron	Gray	-	785-1250	.004-.020	1	2	3	No
	Nodular		590-940					
Steel	Low Carbon 1018, 8620	85-175	650-1150	.004-.020	1	2	3	No
	High Carbon F-6180	175-225	590-1050	.004-.016				
	Alloyed Steel 4140	275-325	390-820	.002-.014				
	Tool Steel P20 - H13	200-250	330-660	.006-.016				
Stainless Steel	300 Series, 304, 316	-	590-918	.003-.014	2	1	3	No
	400 Series 15-5 PH, 17-4 PH	-	650-985	.002-.018				Yes
	13-8 PH	-	200-400	.003-.015				
Nickel Alloys	Inconel 600, 706, 718, 903, Hastelloy	-	65-265	.002-.008	2	1	3	Yes
Titanium	6AL-4V	-	130-360	.002-.012	2	1	3	Yes

