



**HTT**

CENTRO AFFILATURA srl

**COUNTERSINKS**

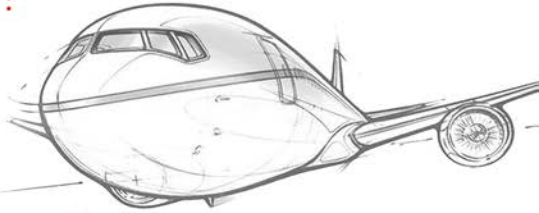
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Solid-Carbide solutions for countersinking operations

ALREADY USED IN GLOBAL PROGRAMS LIKE :

Boeing 787, Bombardier CSeries, Airbus 321, 380



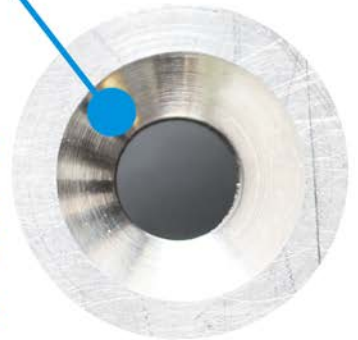
# COUNTERSINKS



HTT GREAT  
ACCURACY



COST BENEFIT AND  
LONGER TOOL-LIFE  
GUARANTEED



90° - 100° - 130° CHAMFER ANGLES

AVAILABLE WITH:

- 90°, 100°, 130° chamfer angles
- Customizable angles
- Custom threaded shank (e.g., M6, M8, 1/4"-28)
- Custom radius
- Optional coating

# FOR HIGH-QUALITY COUNTERSINKING

on ALUMINUM, TITANIUM, STEEL, CFRP



Aluminum



Titanium



Steel



CFRP



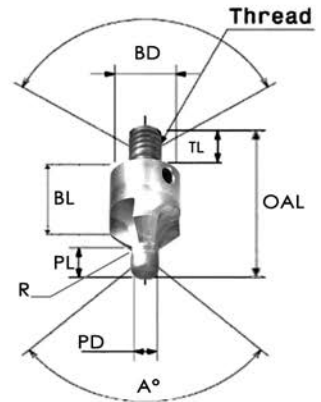
OPTIONAL

DIAMOND COATING for COMPOSITES

## ● solution for TITANIUM & ALUMINUM

Solid Carbide Countersink Z3 for Titanium and Aluminum

CODE	PD	BD	PL	BL	TL	OAL	A°	R	THREAD
CSK-246-10-3-24-7-100-M6-M	2.46	10	3	24	7	34	100°	0.4	M6X1
CSK-246-10-3-24-7-100-M6-IN	.097"	.394"	.118"	.945"	.275"	1.338"	100°	.016"	M6X1
CSK-406-10-6-24-7-100-M6-M	4.06	10	6	24	7	37	100°	0.4	M6X1
CSK-406-10-6-24-7-100-M6-IN	.160"	.394"	.236"	.945"	.275"	1.338"	100°	.016"	M6X1
CSK-482-10-6-24-7-100-M6-M	4.82	10	6	24	7	37	100°	0.7	M6X1
CSK-482-10-6-24-7-100-M6-IN	.190"	.394"	.236"	.945"	.275"	1.338"	100°	.028"	M6X1
CSK-505-14-6-24-7-100-M8-M	5.05	14	6	24	7	37	100°	0.8	M8X1
CSK-505-14-6-24-7-100-M8-IN	.198"	.551"	.236"	.945"	.275"	1.338"	100°	.031"	M8X1
CSK-635-14-6-24-7-100-M8-M	6.35	14	6	24	7	37	100°	0.8	M8X1
CSK-635-14-6-24-7-100-M8-IN	.25"	.551"	.236"	.945"	.275"	1.338"	100°	.031"	M8X1
CSK-794-17-6-24-7-100-M8-M	7.94	17	6	24	7	37	100°	1	M8X1
CSK-794-17-6-24-7-100-M8-IN	.312"	.670"	.236"	.945"	.275"	1.338"	100°	.031"	M8X1
CSK-952-17-6-24-7-100-M8-M	9.52	17	6	24	7	37	100°	1.1	M8X1
CSK-952-17-6-24-7-100-M8-IN	.375"	.670"	.236"	.945"	.275"	1.338"	100°	.043"	M8X1



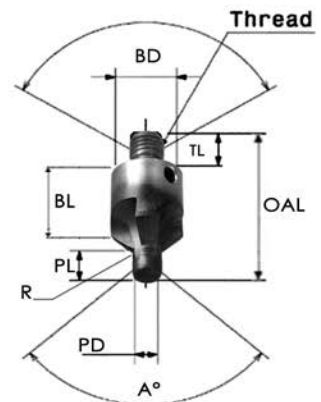
FULLY CUSTOMIZABLE SOLUTIONS: HTT CAN DESIGN TAILOR-MADE TOOLS UPON SPECIFIC REQUIREMENTS.

## ● solution for COMPOSITES

Solid Carbide Countersink Z3 for composite materials

· High Speed cutting · Low cost of hole

CODE	PD	BD	PL	BL	TL	OAL	A°	R	THREAD
CSK-D-246-10-3-24-7-100-M6-M	2.46	10	3	24	7	34	100°	0.4	M6X1
CSK-D-246-10-3-24-7-100-M6-IN	.097"	.394"	.118"	.945"	.275"	1.338"	100°	.016"	M6X1
CSK-D-406-10-6-24-7-100-M6-M	4.06	10	6	24	7	37	100°	0.4	M6X1
CSK-D-406-10-6-24-7-100-M6-IN	.160"	.394"	.236"	.945"	.275"	1.338"	100°	.016"	M6X1
CSK-D-482-10-6-24-7-100-M6-M	4.82	10	6	24	7	37	100°	0.7	M6X1
CSK-D-482-10-6-24-7-100-M6-IN	.190"	.394"	.236"	.945"	.275"	1.338"	100°	.028"	M6X1
CSK-D-505-14-6-24-7-100-M8-M	5.05	14	6	24	7	37	100°	0.8	M8X1
CSK-D-505-14-6-24-7-100-M8-IN	.198"	.551"	.236"	.945"	.275"	1.338"	100°	.031"	M8X1
CSK-D-635-14-6-24-7-100-M8-M	6.35	14	6	24	7	37	100°	0.8	M8X1
CSK-D-635-14-6-24-7-100-M8-IN	.25"	.551"	.236"	.945"	.275"	1.338"	100°	.031"	M8X1
CSK-D-794-17-6-24-7-100-M8-M	7.94	17	6	24	7	37	100°	1	M8X1
CSK-D-794-17-6-24-7-100-M8-IN	.312"	.670"	.236"	.945"	.275"	1.338"	100°	.031"	M8X1
CSK-D-952-17-6-24-7-100-M8-M	9.52	17	6	24	7	37	100°	1.1	M8X1
CSK-D-952-17-6-24-7-100-M8-IN	.375"	.670"	.236"	.945"	.275"	1.338"	100°	.043"	M8X1



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do well.  
do better  
GUARANTEED SOLUTIONS



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