

**82° COUNTERSINK**

Cutting Rake - 11° & 15°

for 11° & 15° positive triangle TDGH & TPGH inserts

**Milling Application**

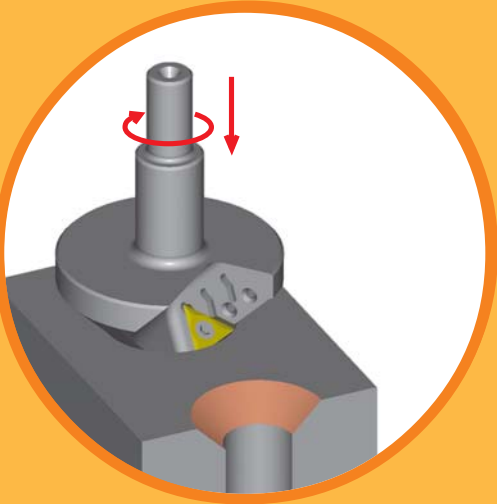
**Insert Type**

Finishing	Medium	Roughing
Best	Good	-

Steel	Stainless Steel	Cast Iron	Aluminum	High Temper Alloy
TDGH-EZ TPGH-EZ	TDGH-EZ TPHT-E	TDGH-EZ TPHT-E	TDGH-EZ TPGH-EZ	TDGH-EZ TPHT-E

For insert information see pages E-72 to E-73 & A-72.

Milling  
Technical Data



**TOOL ANGLES:**

- Cutting Rake +11°/15°
- Axial Rake 0°
- Radial Rake 0°

**FEATURES:**

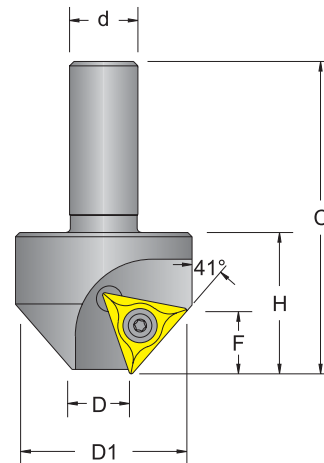
- Available in 3/8", 1/2", & 3/4" Weldon shank sizes
- Positive triangular inserts, 11° or 15° clearance
- Smoother cutting
- Torx screw locking system
- Three cutting edges



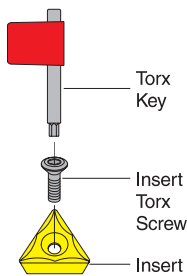
Milling Inserts

Operation	Tool Rotation	Direction of Cut
82° Countersink	Right Hand	Plunge

Milling  
Toolholder (Inch)



CS82-TD0-000



For spare part information see page E-177.

Milling  
Toolholder (Metric)

Milling  
Spare Parts

Description	Part No. 733101-	C	d	D	D1	F	H	No. Inserts	Gage Insert	Insert Torx Screw	Torx Key
CS82-TD5-037	65308	2.00	.375	.125	0.469	.197	0.375	1	TDGH 520	TS-06	T-6
CS82-TD2-037	65310	2.25	.375	.250	0.687	.291	1.000	1	TDGH 21.51	TS-25.45-6M1	T-8
CS82-TD3-050	65312	2.50	.500	.500	1.250	.455	1.000	1	TDGH 321	TS-4.7-8M1	T-15
CS82-TP3-075	65315	3.50	.750	.600	2.500	.455	1.250	1	TPGH 321	TS-4.7-8M1	T-15