



HTT
CENTRO AFFILATURA srl

END-MILLS

for hard-to-work materials



Do Well.
Do Better!

SOLID-CARBIDE END-MILLS FOR HARD-TO-WORK MATERIALS:
TITANIUM AND STEEL ALLOYS, INCONEL®, etc.



www.httsrl.com





- HIGH FEED RATES ●
- EXCELLENT CHIP EVACUATION ●
- HIGH METAL REMOVAL RATES ●
- SPECIAL CARBIDE GRADES
FOR IMPROVED
WEAR RESISTANCE ●
- HEAVY ROUGHING ●
SMOOTH FINISHING ●



PLAIN OR CUSTOM SHANK



HIGH QUALITY COATINGS FOR INCREASED TOOL-LIFE (e.g., TiAlN, AlTiN, etc.)



AVAILABLE WITH

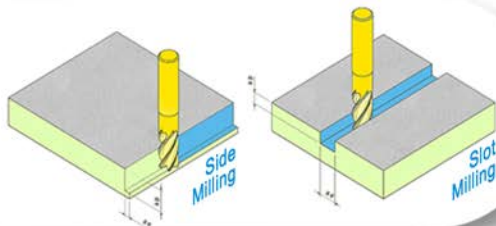
Multiple Teeth (Z) • Custom Corner Radius • Internal Coolant Holes

TOOL CODE	CUTTING DIAMETER	SHANK DIAMETER	OVERALL LENGTH	CUTTING LENGTH	FLUTE LENGTH	Z	CORNER RADIUS
FT04N5485	4	6	58	9	14	4	0; 1
FT06N5486	6	6	58	13	18	4	0; 1; 1.5; 2
FT08N5487	8	8	64	19	24	4	0; 1; 1.5; 2
FT10N5488	10	10	73	22	30	5	0; 1; 1.5; 3
FT12N5489	12	12	84	26	34	5	0; 1; 2; 3; 4
FT16N5490	16	16	93	32	42	5	0; 1; 2; 3; 4; 5
FT20N5491	20	20	105	38	50	5	0; 1; 2; 3; 4; 5
FT25N5492	25	25	125	45	60	5	0; 1; 2; 3; 4; 5; 6

Tailored solutions upon request

FOR ALL MILLING OPERATIONS:

- Slot Milling •
- Side Milling •
- Face Milling •
- Pocket Milling •
- Trochoidal Milling •



VIBRATION-FREE MACHINING





OPTIMIZED GEOMETRIES FOR DIFFICULT-TO-CUT MATERIALS

SMOOTH MACHINING, HIGH PRODUCTIVITY



The shaping of precise **corner radii**, between the primary and secondary cutting edge, helps control shear stress, by strengthening the tool and preventing chipping.

Variable rake and relief **angles** contribute to the improvement of chip quality, thus providing a better overall performance.

Unequal flute spacing delivers **vibration-free** operations.

HTT guarantees longer tool life through the implementation of advanced cooling systems, aimed at controlling the temperature during the **grinding** process, in order to avoid excessive tool stress. High quality **coating** services provide for an extended wear resistance.



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