

# CoroThread® 266

## Ultra-rigid thread turning for all types of threads

B

### Application

- External threads
- Internal threads

### ISO application area:



C

### Benefits and features

- Reduced machine- and downtime
- Excellent surface finish due to the exceptional stability
- Three sharp cutting edges for high-quality threads
- Multi-point inserts available, require fewer passes resulting in increased productivity
- Large standard product range of tools and thread profile inserts
- Unique guide rail interface between the insert and tip seat
- Good edge indexing
- Easy to mount the insert correctly

D

High precision coolant from above controls the chip breaking for secure machining, while under coolant controls the temperature for long and predictable tool life.



E

[www.sandvik.coromant.com/corothread266](http://www.sandvik.coromant.com/corothread266)

### Inserts

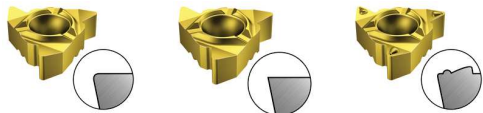
- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

### Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads



F



Standard A-geometry      Sharp F-geometry      Chip-breaking C-geometry

### Three different threading insert types

G

#### Full profile

High productivity

#### V-profile

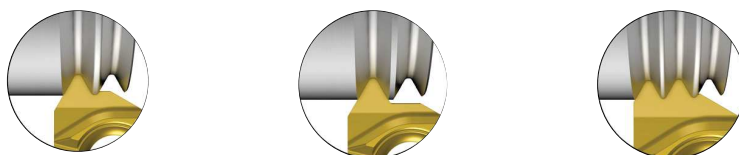
Minimum tool inventory

#### Multi-point

Economical mass production

#### Secure iLock™ clamping

The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.

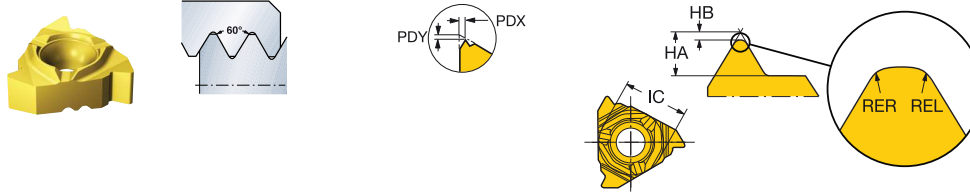


H



# CoroThread® 266 insert for thread turning

V-profile 60° Non-topping



## External right-hand threads

TPN	TPX	TPIN	TPIX	NT	Ordering code	Dimensions, mm							RER	REL	HA	HB	PDX	PDY					
						P		M		K		N							S		H		
						1020	1125	1135	1020	1125	1135	1020							1125	1135	1020	1125	1135
16	1.0	2.0	12.0	24.0	1	266RG-16VM01A001EE												0.13	0.13	1.68	0.14	1.00	1.03
	1.0	2.0	12.0	24.0	1	266RG-16VM01A001M	*	*		*	*		*	*		*	*	0.13	0.13	1.68	0.14	1.00	1.03
	1.0	2.0	12.0	24.0	1	266RG-16VM01C001M	*		*		*		*	*		*	*	0.13	0.13	1.68	0.14	1.00	1.03
	1.0	2.0	12.0	24.0	1	266RG-16VM01F001E		*		*		*		*		*	*	0.13	0.13	1.68	0.14	1.00	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01A002EE												0.20	0.20	2.64	0.20	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01A002M	*	*		*	*		*	*		*	*	0.20	0.20	2.64	0.20	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01C002M	*		*		*		*	*		*	*	0.20	0.20	2.64	0.20	1.50	1.03
	1.5	3.0	8.0	16.0	1	266RG-16VM01F002E		*	*		*		*	*		*	*	0.20	0.20	2.64	0.20	1.50	1.03
22	3.5	6.0	4.0	7.0	1	266RG-22VM01A001M	*	*		*	*		*	*		*	*	0.48	0.48	4.92	0.48	2.90	0.39
	3.5	6.0	4.0	7.0	1	266RG-22VM01F001E	*		*		*		*	*		*	*	0.48	0.48	4.92	0.48	2.90	0.39

## External left-hand threads

TPN	TPX	TPIN	TPIX	NT	Ordering code	Dimensions, mm							RER	REL	HA	HB	PDX	PDY					
						P		M		K		N							S		H		
						1020	1125	1135	1020	1125	1135	1020							1125	1135	1020	1125	1135
16	1.0	2.0	12.0	24.0	1	266LG-16VM01A001M	*	*		*	*		*	*		*	*	0.13	0.13	1.68	0.14	1.00	1.03
	1.5	3.0	8.0	16.0	1	266LG-16VM01A002M	*	*		*	*		*	*		*	*	0.20	0.20	2.64	0.20	1.50	0.99
22	3.5	6.0	4.0	7.0	1	266LG-22VM01A001M	*	*		*	*		*	*		*	*	0.48	0.48	4.92	0.48	2.90	0.39

## Internal right-hand threads

TPN	TPX	TPIN	TPIX	NT	Ordering code	Dimensions, mm							RER	REL	HA	HB	PDX	PDY						
						P		M		K		N							S		H			
						1020	1125	1135	1020	1125	1135	1020							1125	1135	1020	1125	1135	1020
16	1.0	2.0	12.0	24.0	1	266RL-16VM01A001M		*	*		*	*		*	*		*	*	0.06	0.06	1.45	0.06	1.00	1.01
	1.0	2.0	12.0	24.0	1	266RL-16VM01C001M		*	*		*	*		*	*		*	*	0.06	0.06	1.45	0.06	1.00	1.02
	1.0	2.0	12.0	24.0	1	266RL-16VM01F001E		*	*		*	*		*	*		*	*	0.06	0.06	1.45	0.06	1.00	1.02
	1.5	3.0	8.0	16.0	1	266RL-16VM01A002EE													0.09	0.09	2.54	0.09	1.50	1.01
	1.5	3.0	8.0	16.0	1	266RL-16VM01A002M	*	*		*	*		*	*		*	*	0.09	0.09	2.54	0.09	1.50	1.01	
	1.5	3.0	8.0	16.0	1	266RL-16VM01C002M	*		*		*		*	*		*	*	0.09	0.09	2.54	0.09	1.50	1.03	
	1.5	3.0	8.0	16.0	1	266RL-16VM01F002E		*	*		*		*	*		*	*	0.09	0.09	2.54	0.09	1.50	1.03	
22	3.5	6.0	4.0	7.0	1	266RL-22VM01A001M	*	*		*	*		*	*		*	*	0.26	0.26	4.35	0.26	2.50	0.77	
	3.5	6.0	4.0	7.0	1	266RL-22VM01F001E	*		*		*		*	*		*	*	0.18	0.18	4.35	0.26	2.50	0.77	

## Internal left-hand threads

TPN	TPX	TPIN	TPIX	NT	Ordering code	Dimensions, mm							RER	REL	HA	HB	PDX	PDY					
						P		M		K		N							S		H		
						1020	1125	1135	1020	1125	1135	1020							1125	1135	1020	1125	1135
16	1.0	2.0	12.0	24.0	1	266LL-16VM01A001M	*	*		*	*		*	*		*	*	0.06	0.06	1.45	0.06	1.00	1.01
	1.5	3.0	8.0	16.0	1	266LL-16VM01A002M	*	*		*	*		*	*		*	*	0.09	0.09	2.54	0.09	1.50	1.01
22	3.5	6.0	4.0	7.0	1	266LL-22VM01A001M	*	*		*	*		*	*		*	*	0.26	0.26	4.35	0.26	2.75	0.77

R = Right hand, L = Left hand

