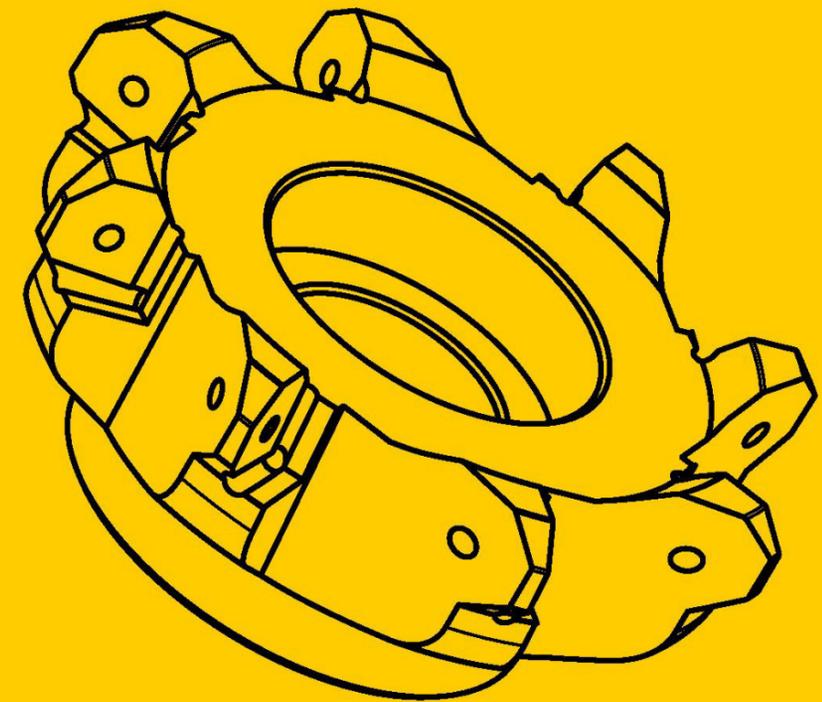


# Cutter Body

## 2026



Marketed by :



Manufactured by :



5th Floor, Everest Enclave, Opp. Sun City,  
Sadhu Vaswani Main Road,  
Rajkot 360005. Gujarat, INDIA.

+91 99981 35713  
jatan@asphaltsyndicate.com  
asphaltsyndicate.com



# ROKO™

Strong. Stable. Reliable.

ROKO





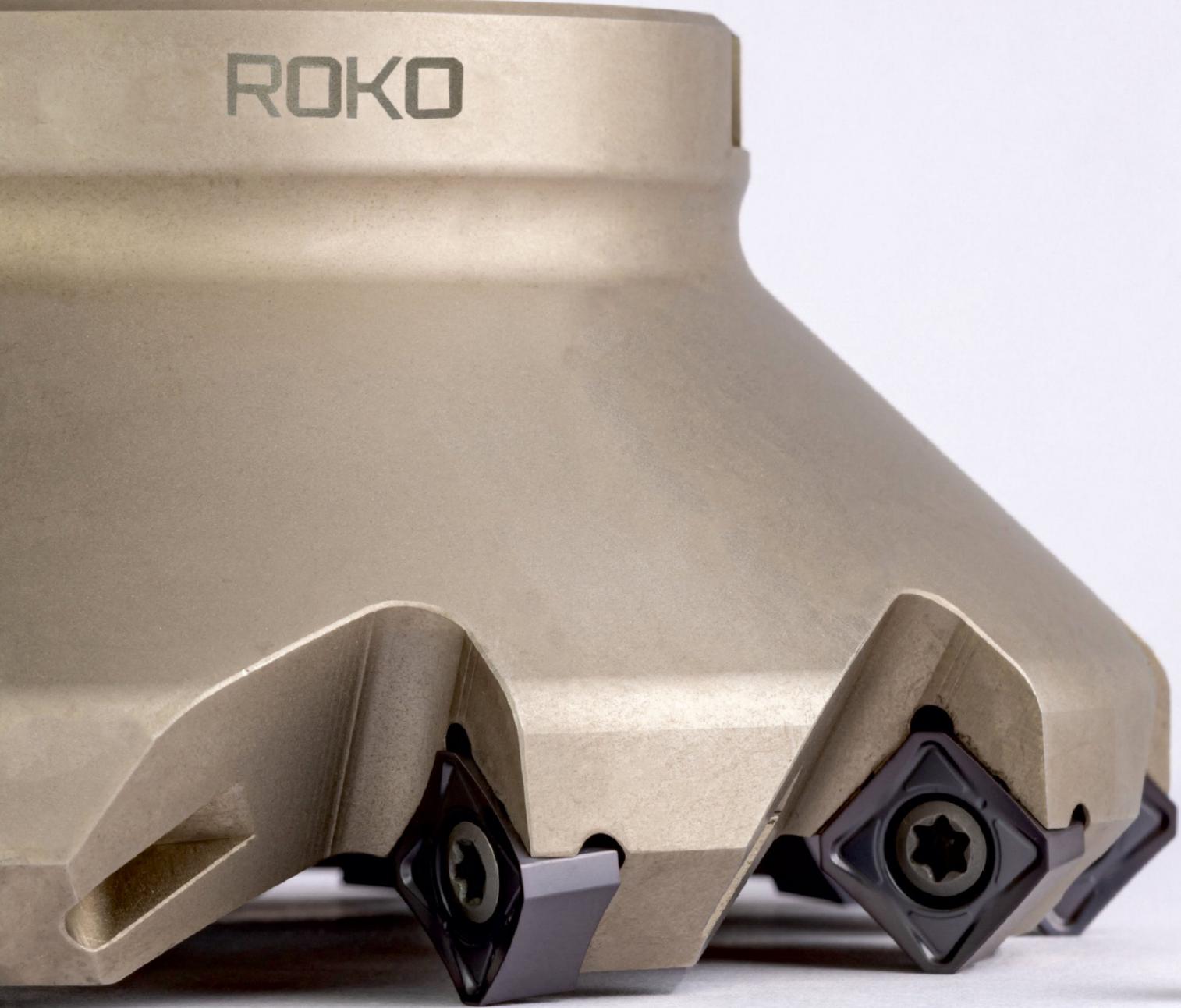
## About us

**Asphalt Syndicate LLP.** Is A Leading Supplier Of Premium Carbide Cutting Tools, Serving The Machining And Manufacturing Industry With Reliable And Performance-Driven Solutions. Backed By Years Of Industry Experience, We Are Committed To Delivering Products That Meet The Highest Standards Of Quality, Precision, And Consistency.

Expanding Our Product Portfolio, **Asphalt Syndicate LLP.** Proudly Introduces **ROKO**, Our New Brand Of High-Performance Milling Cutter Bodies. Designed To Meet The Demands Of Modern Machining, **ROKO** Products Offer Superior Strength, Accuracy, And Durability For Efficient And Productive Milling Operations.

**ROKO** Milling Cutter Bodies Are Manufactured By **Examen Forma Pvt. Ltd.**, Our Dedicated R&d And Manufacturing Unit. With Advanced Engineering Capabilities, In-House Design, And Stringent Quality Control, Examen Forma Ensures Continuous Innovation, Precise Manufacturing, And Dependable Performance In Every Product.

Driven By Technology, Innovation, And Customer Focus, **Asphalt Syndicate LLP.**, Together With **Examen Forma Pvt. Ltd.**, Delivers Tooling Solutions That Enhance Productivity And Create Long-term Value For Our Customers.

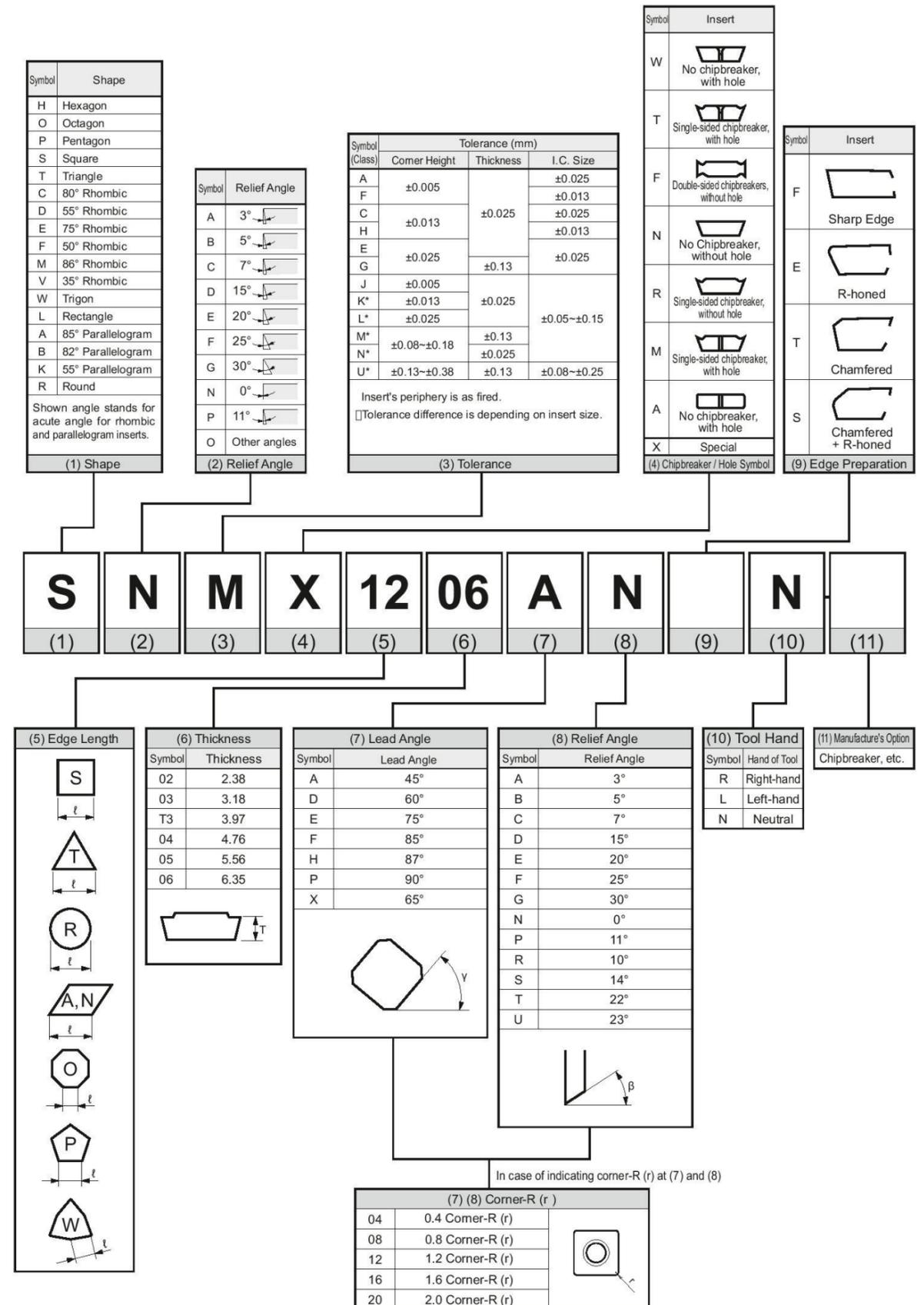


ROKO

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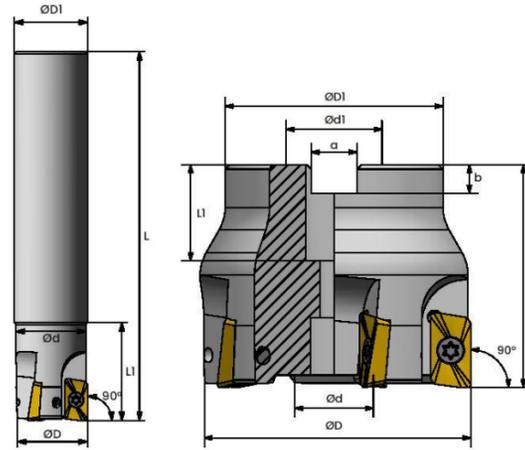
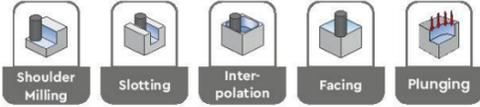
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# Inserts Identification System



# Square Shoulder Mill

APMT1135



Cylindrical Fig.1

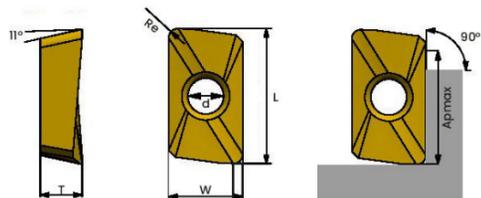
Arbor Fig.2

Description	Dimension (mm)									No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	Ød	Ød1	L1	a	b					
ROKO 10x100 APMT1135 T1	10	100	10	8.5	-	30	-	-	T1	Fig.1	RS2506	T8	
ROKO 10x120 APMT1135 T1	10	120	10	8.5	-	30	-	-	T1	Fig.1	RS2506	T8	
ROKO 12x130 APMT1135 T1	12	130	12	10.5	-	35	-	-	T1	Fig.1	RS2506	T8	
ROKO 16x150 APMT1135 T2	16	150	16	15	-	40	-	-	T2	Fig.1	RS2506	T8	
ROKO 16x200 APMT1135 T2	16	200	16	15	-	40	-	-	T2	Fig.1	RS2506	T8	
ROKO 20x150 APMT1135 T2	20	150	20	18	-	40	-	-	T2	Fig.1	RS2508	T8	
ROKO 20x200 APMT1135 T2	20	200	20	18	-	40	-	-	T2	Fig.1	RS2508	T8	
ROKO 25x150 APMT1135 T3	25	150	25	22	-	40	-	-	T3	Fig.1	RS2508	T8	
ROKO 25x200 APMT1135 T3	25	200	25	22	-	40	-	-	T3	Fig.1	RS2508	T8	
ROKO 32x150 APMT1135 T4	32	150	32	29	-	40	-	-	T4	Fig.1	RS2508	T8	
ROKO 32x200 APMT1135 T4	32	200	32	29	-	40	-	-	T4	Fig.1	RS2508	T8	
ROKO D50 APMT1135 T6	50	50	45	18	22	22	10.5	6.3	T6	Fig.2	RS2508	TT8	

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

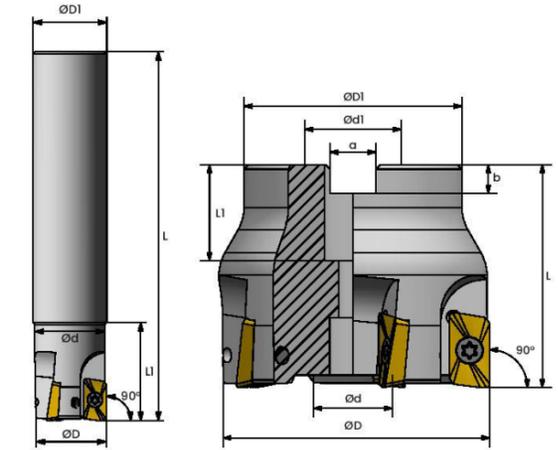
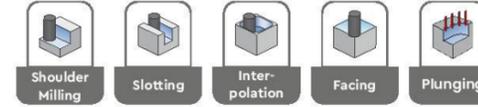


Insert	L	W	T	d	Re	Apmax
APMT1135PDER	11.25	6.2	3.5	2.8	0.8	9.0

\* Apmax Is Depend On Operation and Machine

# Square Shoulder Mill

APMT1604



Cylindrical Fig.1

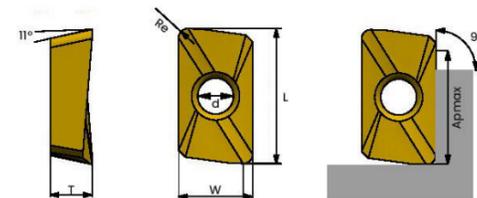
Arbor Fig.2

Description	Dimension (mm)									No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	Ød	Ød1	L1	a	b					
ROKO 25X150 APMT1604 T2	25	150	25	23.5	-	40	-	-	T2	Fig.1	RS4010	T15	
ROKO 25X200 APMT1604 T2	25	200	25	23.5	-	40	-	-	T2	Fig.1	RS4010	T15	
ROKO 32X150 APMT1604 T3	32	150	32	30.5	-	40	-	-	T3	Fig.1	RS4010	T15	
ROKO 32X200 APMT1604 T3	32	200	32	30.5	-	40	-	-	T3	Fig.1	RS4010	T15	
ROKO D40 APMT1604 T4	40	50	35	14	16	20	8.5	6	T4	Fig.2	RS4010	TT15	
ROKO D50 APMT1604 T4	50	50	45	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D63 APMT1604 T4	63	50	50	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D80 APMT1604 T6	80	50	57	20	27	23	12.5	7	T6	Fig.2	RS4010	TT15	
ROKO D100 APMT1604 T6	100	50	75	48	32	30	14.5	7.5	T6	Fig.2	RS4010	TT15	
ROKO D125 APMT1604 T7	125	55	80	58	40	32	16.5	9	T7	Fig.2	RS4010	TT15	

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

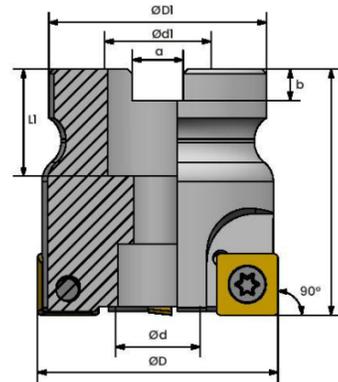
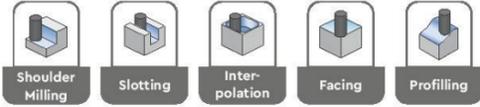


Insert	L	W	T	d	Re	Apmax
APMT1604PDER	17.3	9.3	5.25	4.4	0.8	14.0

\* Apmax Is Depend On Operation and Machine

# Square Shoulder Mill (90°)

SPMT1204



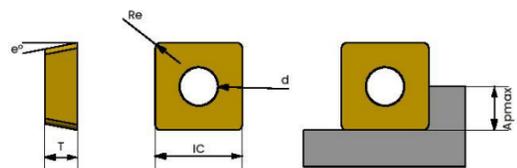
Arbor Fig.1

Description	Dimension (mm)								No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	Ød	Ød1	L1	a	b				
ROKO D50 SPMT1204 T4	50	50	45	18	22	22	10.5	6.3	T4	Fig.1	RS5012	TT20
ROKO D63 SPMT1204 T5	63	50	50	18	22	22	10.5	6.3	T5	Fig.1	RS5012	TT20
ROKO D80 SPMT1204 T6	80	50	57	20	27	23	12.5	7	T6	Fig.1	RS5012	TT20
ROKO D100 SPMT1204 T7	100	50	75	48	32	30	14.5	7.5	T7	Fig.1	RS5012	TT20

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

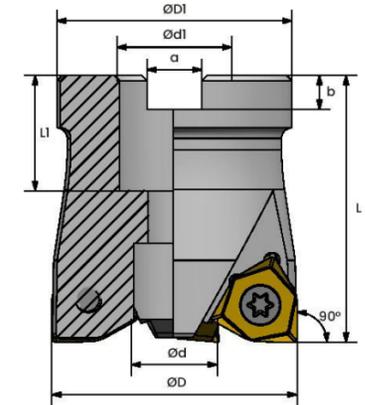
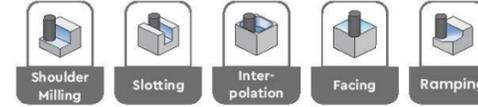


Insert	IC	T	d	Re	e°	Apmax
SPMT120408/12	12.7	4.76	5.5	0.8/1.2	11.0	2.0

\* Apmax Is Depend On Operation and Machine

# Square Shoulder Mill

WNMU0806



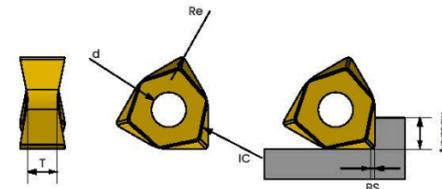
Arbor Fig.1

Description	Dimension (mm)								No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	Ød	Ød1	L1	a	b				
ROKO D50 WNMU0806 T4	50	50	45	18	22	22	10.5	6.3	T4	Fig.1	RS5012	TT20
ROKO D63 WNMU0806 T5	63	50	50	18	22	22	10.5	6.3	T5	Fig.1	RS5012	TT20
ROKO D80 WNMU0806 T6	80	50	57	20	27	23	12.5	7	T6	Fig.1	RS5012	TT20
ROKO D100 WNMU0806 T7	100	50	75	48	32	30	14.5	7.5	T7	Fig.1	RS5012	TT20
ROKO D125 WNMU0806 T8	125	55	80	58	40	32	16.5	9	T8	Fig.1	RS5012	TT20
ROKO D160 WNMU0806 T10	160	55	100	60	40	32	16.5	9	T10	Fig.1	RS5012	TT20

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

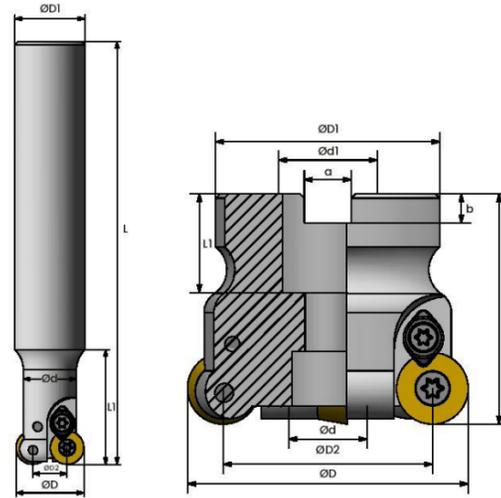
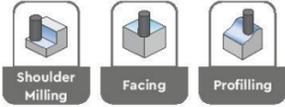


Insert	IC	T	d	BS	Re	Apmax
WNMU080608	14.02	6.65	6.2	1.3	0.8	6.0

\* Apmax Is Depend On Operation and Machine

# Copy Milling

RDKW1003(R5)



Cylindrical Fig.1  
Arbor Fig.2

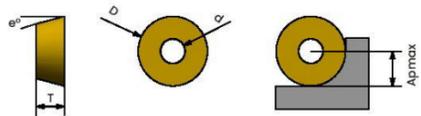
ROKO™

Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO 20X150 RDKW1003 T2	20	150	20	10	14	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 20X200 RDKW1003 T2	20	200	20	10	14	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 25X150 RDKW1003 T2	25	150	25	15	20	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 25X200 RDKW1003 T2	25	200	25	15	20	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 32X150 RDKW1003 T3	32	150	32	22	27.5	-	40	-	-	T3	Fig.1	RS4010	TT15	
ROKO 32X200 RDKW1003 T3	32	200	32	22	27.5	-	40	-	-	T3	Fig.1	RS4010	TT15	
ROKO D50 RDKW1003 T4	50	50	45	40	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D63 RDKW1003 T4	63	50	50	53	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D80 RDKW1003 T7	80	50	57	70	20	27	23	12.5	7	T7	Fig.2	RS4010	TT15	

\* In Addition To Standard Sizes, We Offer Custom And Special Size

## Nomenclature

Screw	Wrench (TT)	Wrench (T)	Clamp(R6)

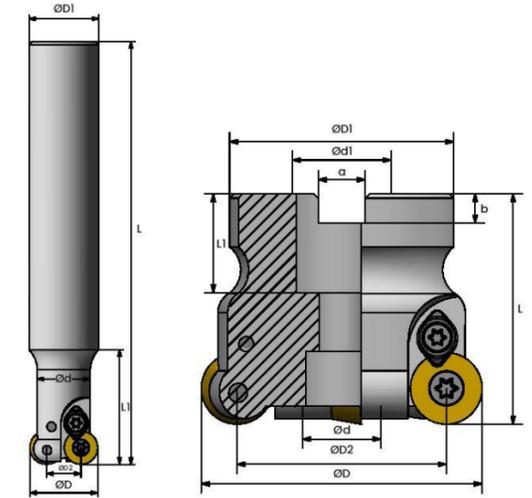
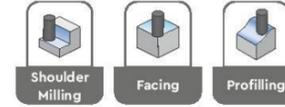


Insert	D	T	d	e°	Apmax
RDKW1003(R5)	10.0	3.18	4.4	15.0	5.0

\* Apmax Is Depend On Operation and Machine

# Copy Milling

RDKW1204(R6)



Cylindrical Fig.1  
Arbor Fig.2

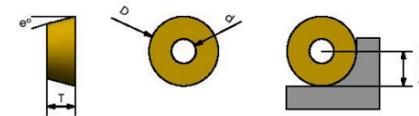
ROKO™

Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO 25X150 RDKW1204 T2	25	150	25	13	19	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 25X200 RDKW1204 T2	25	200	25	13	19	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 32X150 RDKW1204 T2	32	150	32	20	26.5	-	40	-	-	T2	Fig.1	RS4010	TT15	
ROKO 32X150 RDKW1204 T3	32	150	32	20	26.5	-	40	-	-	T3	Fig.1	RS4010	TT15	
ROKO 32X200 RDKW1204 T3	32	200	32	20	26.5	-	40	-	-	T3	Fig.1	RS4010	TT15	
ROKO D40 RDKW1204 T3	40	50	35	28	14	16	20	8.5	6	T3	Fig.2	RS4010	TT15	
ROKO D50 RDKW1204 T4	50	50	45	38	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D52 RDKW1204 T4	52	50	45	40	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D63 RDKW1204 T4	63	50	50	51	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D80 RDKW1204 T6	80	50	57	68	20	27	23	12.5	7	T6	Fig.2	RS4010	TT15	
ROKO D100 RDKW1204 T6	100	50	75	88	48	32	30	14.5	7.5	T6	Fig.2	RS4010	TT15	
ROKO D125 RDKW1204 T7	125	55	80	113	58	40	32	16.5	9	T7	Fig.2	RS4010	TT15	

\* In Addition To Standard Sizes, We Offer Custom And Special Size

## Nomenclature

Screw	Wrench (TT)	Wrench (T)	Clamp(R6)

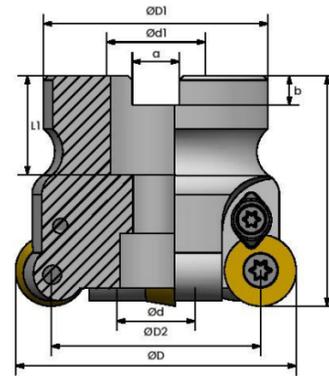
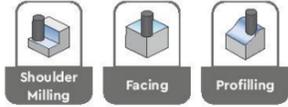


Insert	D	T	d	e°	Apmax
RDKW1204(R6)	12.0	4.6	4.4	15.0	6.0

\* Apmax Is Depend On Operation and Machine

# Copy Milling

RDKW1606(R8)



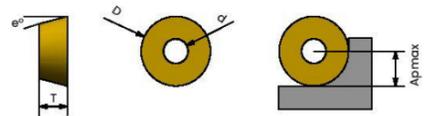
Arbor Fig.1

Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO D50 RDKW1606 T3	50	50	45	34	18	22	22	10.5	6.3		T3	Fig.1	RS5012	TT20
ROKO D52 RDKW1606 T3	52	50	45	36	18	22	22	10.5	6.3		T3	Fig.1	RS5012	TT20
ROKO D52 RDKW1606 T4	52	50	45	36	18	22	22	10.5	6.3		T4	Fig.1	RS5012	TT20
ROKO D63 RDKW1606 T4	63	50	50	47	18	22	22	10.5	6.3		T4	Fig.1	RS5012	TT20
ROKO D80 RDKW1606 T5	80	50	57	64	20	27	23	12.5	7		T5	Fig.1	RS5012	TT20
ROKO D80 RDKW1606 T6	80	50	57	64	20	27	23	12.5	7		T6	Fig.1	RS5012	TT20
ROKO D100 RDKW1606 T5	100	50	75	84	48	32	30	14.5	7.5		T5	Fig.1	RS5012	TT20
ROKO D125 RDKW1606 T6	125	55	80	111	58	40	32	16.5	9		T6	Fig.1	RS5012	TT20
ROKO D160 RDKW1606 T8	160	55	100	144	60	40	32	16.5	9		T8	Fig.1	RS5012	TT20

\* In Addition To Standard Sizes, We Offer Custom And Special Size  
\* Clamp Screw RS4010 & Wrench T15

### Nomenclature

Screw	Wrench (TT)	Wrench (T)	Clamp(R6)

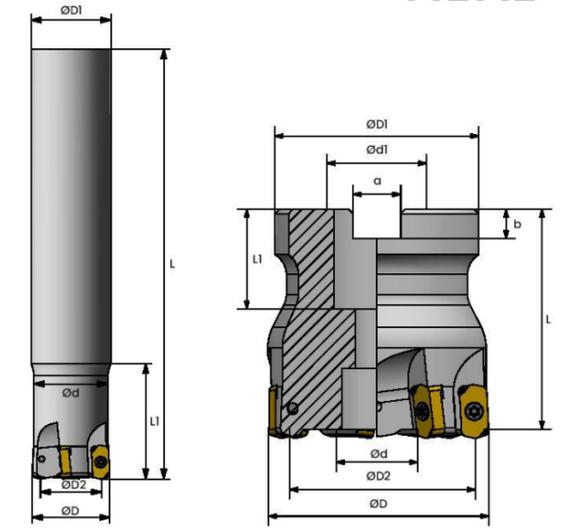
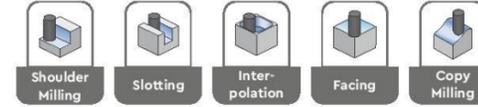


Insert	D	T	d	e°	Apmx
RDKW1606(R8)	16.0	6.45	5.5	15.0	8.0

\* Apmx Is Depend On Operation and Machine

# High Feed Mill

LNMU0303



Cylindrical Fig.1

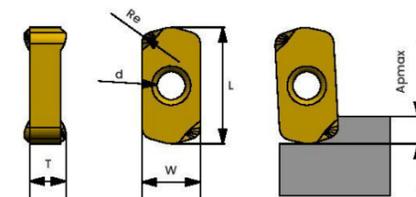
Arbor Fig.2

Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO 16X150 LNLMU0303 T2	16	150	16	10	15	-	40	-	-		T2	Fig.1	RS2506	T8
ROKO 16X200 LNLMU0303 T2	16	200	16	10	15	-	40	-	-		T2	Fig.1	RS2506	T8
ROKO 20X150 LNLMU0303 T3	20	150	20	14	19	-	40	-	-		T3	Fig.1	RS2506	T8
ROKO 20x200 LNLMU0303 T3	20	200	20	14	19	-	40	-	-		T3	Fig.1	RS2506	T8
ROKO 25X150 LNLMU0303 T4	25	150	25	19	23	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO 25X200 LNLMU0303 T4	25	200	25	19	23	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO 32X150 LNLMU0303 T5	32	150	32	26	30	-	40	-	-		T5	Fig.1	RS2508	T8
ROKO 32X200 LNLMU0303 T5	32	200	32	26	30	-	40	-	-		T5	Fig.1	RS2508	T8
ROKO D40 LNLMU0303 T6	40	50	35	34	14	16	20	8.5	6		T6	Fig.2	RS2508	TT8
ROKO D50 LNLMU0303 T7	50	50	45	44	18	22	22	10.5	6.3		T7	Fig.2	RS2508	TT8
ROKO D63 LNLMU0303 T8	63	50	50	57	18	22	22	10.5	6.3		T8	Fig.2	RS2508	TT8

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

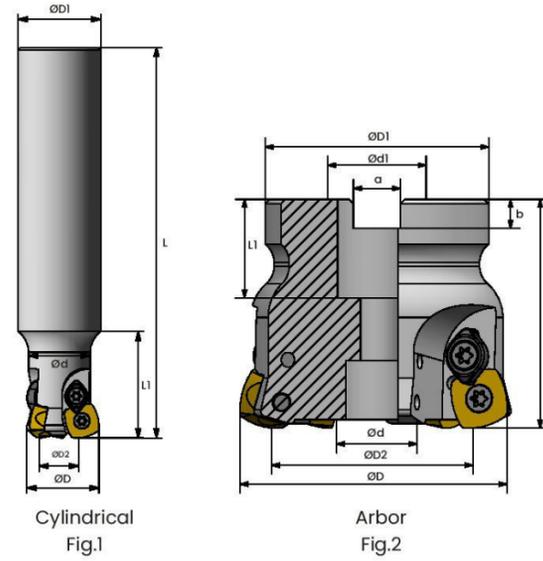
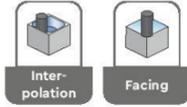


Insert	L	W	T	d	Re	Apmx
LNLMU0303ZER	11.9	6.0	3.75	2.85	1.2	1.0

\* Apmx Is Depend On Operation and Machine

# High Feed Mill

SDMT09T3

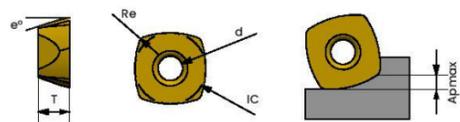


Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO 25x150 SDMT09T3 T2	25	150	25	9	21	-	40	-	-	T2	Fig.1	RS3008	T8	
ROKO 32x150 SDMT09T3 T3	32	150	32	16	28	-	40	-	-	T3	Fig.1	RS3008	T8	
ROKO D40 SDMT09T3 T4	40	50	35	24	14	16	20	8.5	6	T4	Fig.2	RS3008	TT8	
ROKO D50 SDMT09T3 T6	50	50	45	34	18	22	22	10.5	6.3	T6	Fig.2	RS3008	TT8	

\* In Addition To Standard Sizes, We Offer Custom And Special Size  
\* Clamp Screw RS3508 & Wrench T15

### Nomenclature

Screw	Wrench (TT)	Wrench (T)	Clamp(R5)

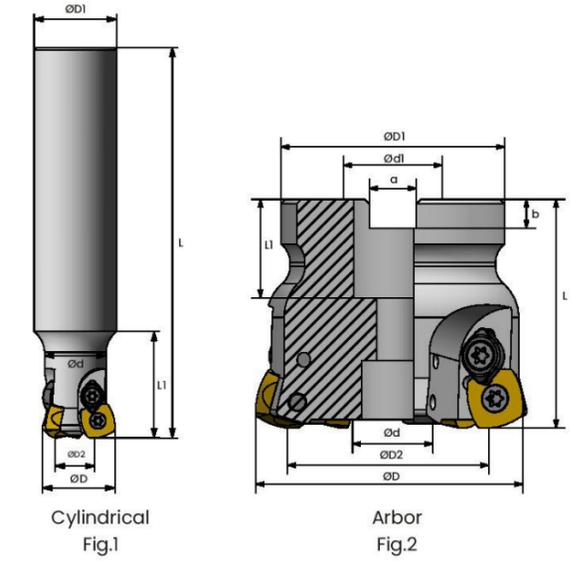
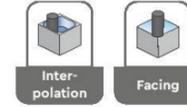


Insert	IC	T	d	Re	e°	Apmax
SDMT09T307	9.0	3.5	3.5	0.7	15.0	0.8

\* Apmax Is Depend On Operation and Machine

# High Feed Mill

SDMT1205

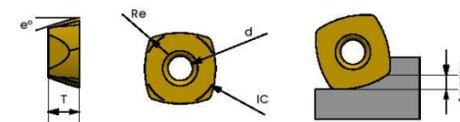


Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO 32X150 SDMT1205 T2	32	150	32	14	26	-	40	-	-	T2	Fig.1	RS4010	T15	
ROKO 32X200 SDMT1205 T2	32	200	32	14	26	-	40	-	-	T2	Fig.1	RS4010	T15	
ROKO D50 SDMT1205 T4	50	50	45	32	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D50 SDMT1205 T4	50	50	45	32	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15	
ROKO D63 SDMT1205 T5	63	50	50	45	18	22	22	10.5	6.3	T5	Fig.2	RS4010	TT15	
ROKO D80 SDMT1205 T6	80	50	57	62	20	27	23	12.5	7	T6	Fig.2	RS4010	TT15	
ROKO D100 SDMT1205 T7	100	50	75	82	48	32	30	14.5	7.5	T7	Fig.2	RS4010	TT15	

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)	Clamp(R6)

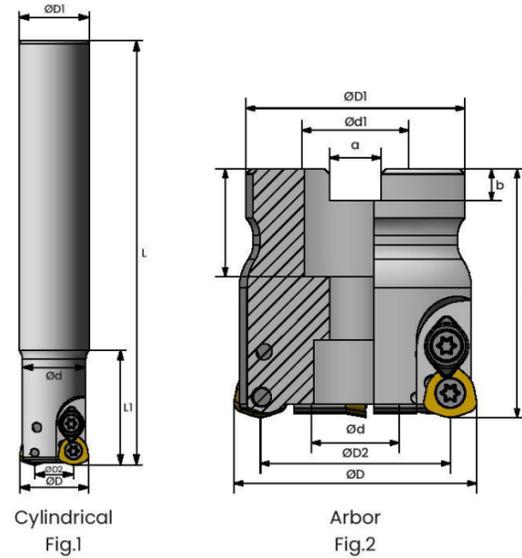
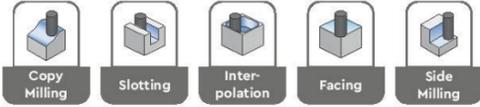


Insert	IC	T	d	Re	e°	Apmax
SDMT120512	12.7	5.56	4.4	1.2	15.0	1.0

\* Apmax Is Depend On Operation and Machine

# High Feed Mill

WDMW06T3

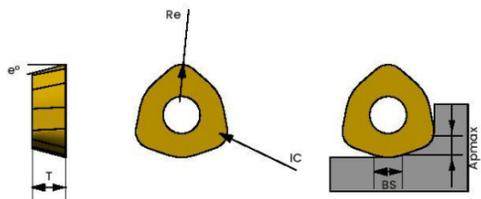


Description	Dimension (mm)									No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b				
ROKO 25X150 WDMW06T3 T2	25	150	25	14.5	22.5	-	40	-	-	T2	Fig.1	RS4010	T15
ROKO 25X200 WDMW06T3 T2	25	200	25	14.5	22.5	-	40	-	-	T2	Fig.1	RS4010	T15
ROKO 32X150 WDMW06T3 T3	32	150	32	21.5	29.5	-	40	-	-	T3	Fig.1	RS4010	T15
ROKO 32X200 WDMW06T3 T3	32	200	32	21.5	29.5	-	40	-	-	T3	Fig.1	RS4010	T15
ROKO D40 WDMW06T3 T4	40	50	35	29.5	14	16	20	8.5	6	T4	Fig.2	RS4010	TT15
ROKO D50 WDMW06T3 T4	50	50	45	39.5	18	22	22	10.5	6.3	T4	Fig.2	RS4010	TT15
ROKO D50 WDMW06T3 T5	50	50	50	39.5	18	22	22	10.5	6.3	T5	Fig.2	RS4010	TT15

\* In Addition To Standard Sizes, We Offer Custom And Special Size  
\* Technical Information Page No. 18

### Nomenclature

Screw	Wrench (TT)	Wrench (T)	Clamp(R6)

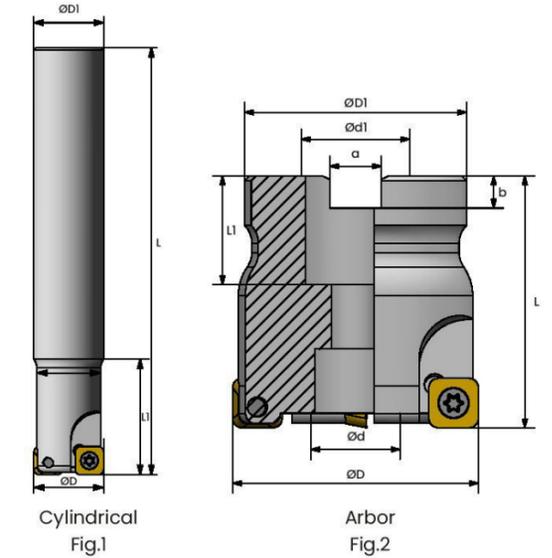
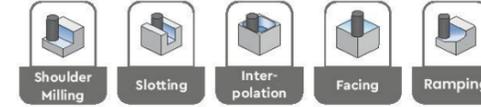


Insert	IC	T	BS	Re	e°	Apmax
WDMW06T320ZTR	9.525	3.97	1.2	2.0	15.0	1.5

\* Apmax Is Depend On Operation and Machine

# High Feed Mill

SOMT1004

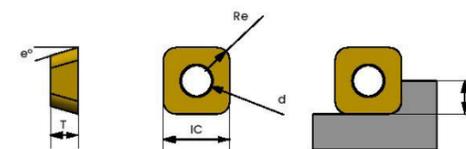


Description	Dimension (mm)									No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	Ød	Ød1	L1	a	b					
ROKO 25X150 SOMT1004 T2	25	150	25	22.5	-	40	-	-	-	T2	Fig.1	RS4010	T15
ROKO 32X150 SOMT1004 T3	32	150	32	29.5	-	40	-	-	-	T3	Fig.1	RS4010	T15
ROKO D40 SOMT1004 T4	40	50	35	14	16	20	8.5	6	-	T4	Fig.2	RS4010	TT15
ROKO D50 SOMT1004 T4	50	50	45	18	22	22	10.5	6.3	-	T4	Fig.2	RS4010	TT15
ROKO D63 SOMT1004 T5	63	50	50	18	22	22	10.5	6.3	-	T5	Fig.2	RS4010	TT15

\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

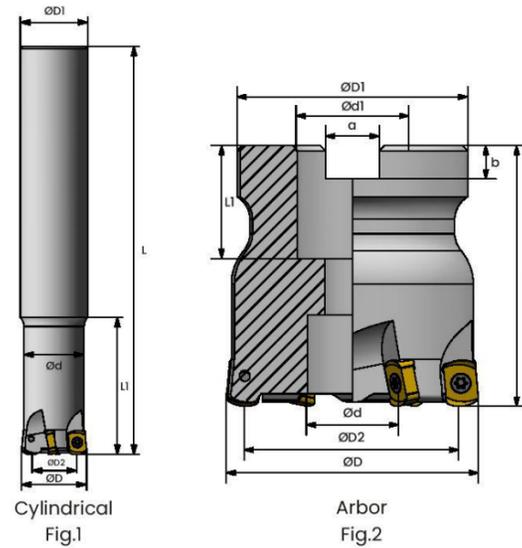
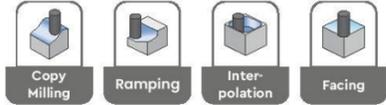


Insert	IC	T	d	Re	e°	Apmax
SOMT100420ER	10.3	4.58	4.6	2.0	16.0	1.5

\* Apmax Is Depend On Operation and Machine

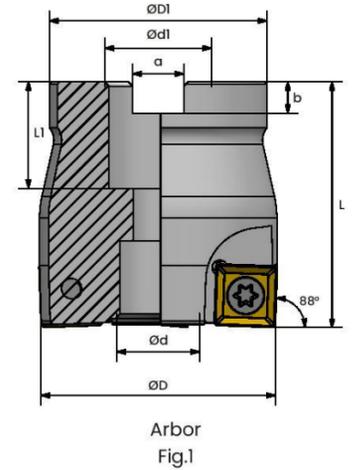
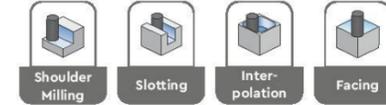
# High Feed Mill

ZNMX0603 / BLMP



# Face Mill

SNMX1206 (88°)



Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO 16X100 ZNMX0603 T2	16	100	16	8	13.3	-	35	-	-		T2	Fig.1	RS2506	T8
ROKO 16X150 ZNMX0603 T2	16	150	16	8	13.3	-	35	-	-		T2	Fig.1	RS2506	T8
ROKO 20X100 ZNMX0603 T3	20	100	20	12	17.2	-	40	-	-		T3	Fig.1	RS2508	T8
ROKO 20X150 ZNMX0603 T3	20	150	20	12	17.2	-	40	-	-		T3	Fig.1	RS2508	T8
ROKO 25X100 ZNMX0603 T4	25	100	25	17	22.3	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO 25X150 ZNMX0603 T4	25	150	25	17	22.3	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO 25X200 ZNMX0603 T4	25	200	25	17	22.3	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO 32X150 ZNMX0603 T4	32	150	32	24	29.3	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO 32X200 ZNMX0603 T4	32	200	32	24	29.3	-	40	-	-		T4	Fig.1	RS2508	T8
ROKO D50 ZNMX0603 T5	50	50	45	42	18	22	22	10.5	6.3		T5	Fig.2	RS2508	TT8

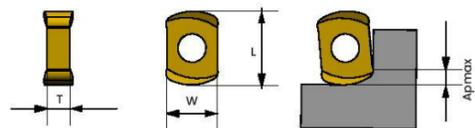
\* In Addition To Standard Sizes, We Offer Custom And Special Size  
\* Technical Information Page No. 17

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

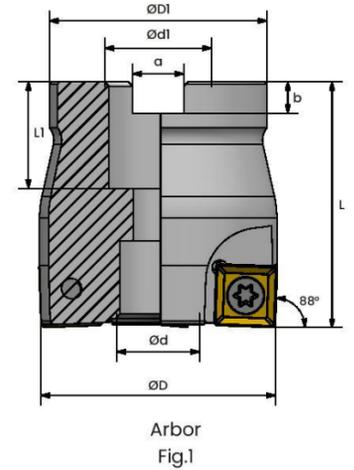
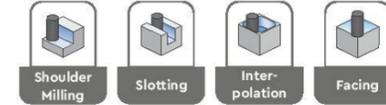
Insert	L	W	T	Apmax
ZNMX0603R	9.0	6.39	3.73	1.0

\* Apmax Is Depend On Operation and Machine



# Face Mill

SNMX1206 (88°)



Description	Dimension (mm)									No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	Ød	Ød1	L1	a	b					
D50 SNMX 1206[88°] T4	50	50	45	18	22	22	10.5	6.3		T4	Fig.1	RS5012	TT20
D63 SNMX 1206[88°] T5	63	50	50	18	22	22	10.5	6.3		T5	Fig.1	RS5012	TT20
D80 SNMX 1206[88°] T6	80	50	57	20	27	23	12.5	7		T6	Fig.1	RS5012	TT20
D80 SNMX 1206[88°] T7	80	50	57	20	27	23	12.5	7		T7	Fig.1	RS5012	TT20
D100 SNMX 1206[88°] T7	100	50	75	48	32	30	14.5	7.5		T7	Fig.1	RS5012	TT20
D125 SNMX 1206[88°] T9	125	55	80	58	40	32	16.5	9		T9	Fig.1	RS5012	TT20

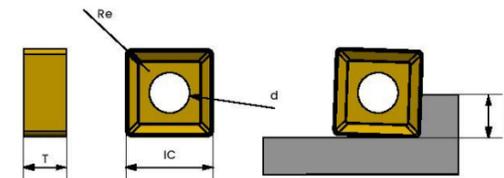
\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

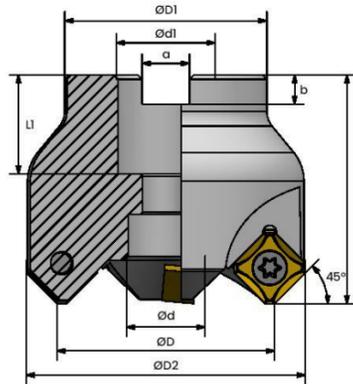
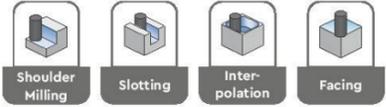
Insert	IC	T	d	Re	Apmax
SNMX120608/12	12.7	6.35	5.5	0.8/1.2	4.0

\* Apmax Is Depend On Operation and Machine



# Face Mill

SNMX1206 (45°)



Arbor Fig.1

Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
D50 SNMX1206 [45°] T4	50	50	45	62	18	22	22	10.5	6.3	T4	Fig.1	RS5012	TT20	
D63 SNMX1206 [45°] T5	63	50	50	74	18	22	22	10.5	6.3	T5	Fig.1	RS5012	TT20	
D80 SNMX1206 [45°] T6	80	50	57	92	20	27	23	12.5	7	T6	Fig.1	RS5012	TT20	
D100 SNMX1206 [45°] T7	100	50	75	112	48	32	30	14.5	7.5	T7	Fig.1	RS5012	TT20	
D125 SNMX1206 [45°] T9	125	55	80	137	58	40	32	16.5	9	T9	Fig.1	RS5012	TT20	
D160 SNMX1206 [45°] T9	160	55	100	172	60	40	32	16.5	9	T9	Fig.1	RS5012	TT20	

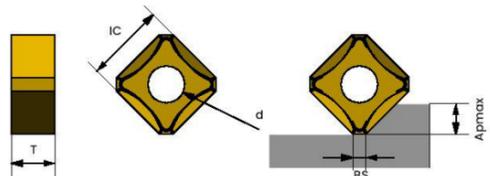
\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

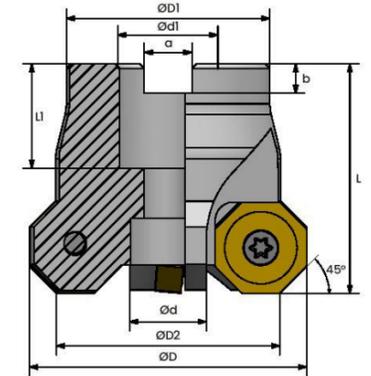
Insert	IC	T	BS	d	Apmax
SNMX1206ANN	12.7	6.2	1.8	5.5	4.0

\* Apmax Is Depend On Operation and Machine



# Face Mill

ONMU08



Arbor Fig.1

Description	Dimension (mm)										No. Of Teeth	Shank Type	Screw	Wrench
	ØD	L	ØD1	ØD2	Ød	Ød1	L1	a	b					
ROKO D50 ONMU0806 T4	50	50	45	62	18	22	22	10.5	6.3	T4	Fig.1	RS5012	TT20	
ROKO D63 ONMU0806 T5	63	50	50	74	18	22	22	10.5	6.3	T5	Fig.1	RS5012	TT20	
ROKO D80 ONMU0806 T6	80	50	57	92	20	27	23	12.5	7	T6	Fig.1	RS5012	TT20	
ROKO D100 ONMU0806 T7	100	50	75	112	48	32	30	14.5	7.5	T7	Fig.1	RS5012	TT20	
ROKO D125 ONMU0806 T8	125	55	80	137	58	40	32	16.5	9	T8	Fig.1	RS5012	TT20	
ROKO D160 ONMU0806 T10	160	55	100	172	60	40	32	16.5	9	T10	Fig.1	RS5012	TT20	

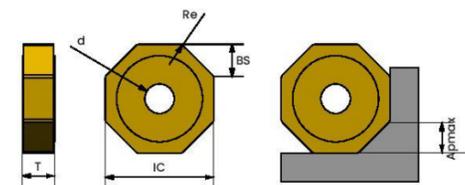
\* In Addition To Standard Sizes, We Offer Custom And Special Size

### Nomenclature

Screw	Wrench (TT)	Wrench (T)

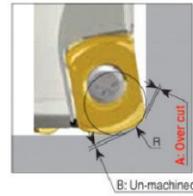
Insert	IC	T	BS	d	Re	Apmax
ONMU080608	20.2	6.0	5.5	5.5	0.8	4.0

\* Apmax Is Depend On Operation and Machine



# Technical Data

## ZNMX



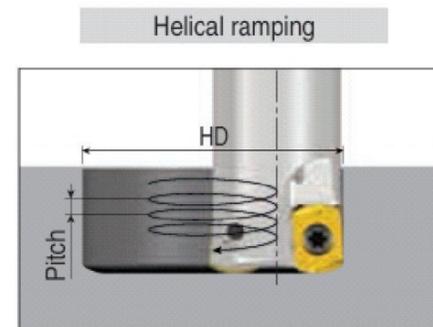
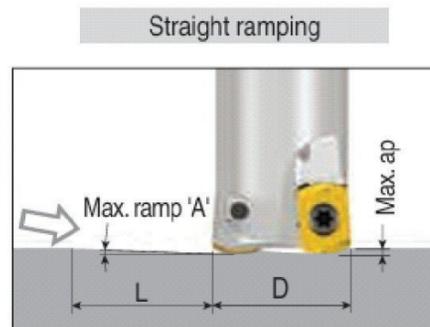
Insert	Dia	R Program	A Overcut	B Unmachined
ZNMX06	16	1.5	0	0.35
ZNMX06	20-63	2.0	0	0.42
ZNMX09	25-125	2.5	0	0.61

## ZNMX06

Cutter Dia (D)	Straight Ramp Down			Helical Ramp Down		
	Max.Ramp(A2)	Max. ap	Min. Length (L)	Min. dia (HD)	Max dia (HD)	Max Pitch/Rev
16	2.0	0.7	13	23	32	0.7
20	1.5	1.0	38	31	40	0.8
25	1.3	1.0	41	41	50	1.0
32	0.9	1.0	57	55	64	1.0
40	0.7	1.0	64	71	80	1.0
50	0.6	1.0	96	91	100	1.0
63	0.5	1.0	115	117	126	1.0

## ZNMX09

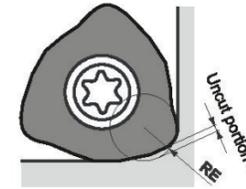
Cutter Dia (D)	Straight Ramp Down			Helical Ramp Down		
	Max.Ramp(A2)	Max. ap	Min. Length (L)	Min. dia (HD)	Max dia (HD)	Max Pitch/Rev
25	2.2	1.5	39	42	50	1.5
32	2.0	1.5	43	56	64	1.5
40	1.5	1.5	57	72	80	1.5
50	1.0	1.5	86	92	100	1.5
63	0.9	1.5	96	118	126	1.5
80	0.8	1.5	107	152	160	1.5
100	0.7	1.5	123	192	200	1.5
125	0.4	1.5	215	240	250	1.5



\* As This Is Std. of Our Cutter. It's Very & Depends On Insert Corner Radius. Please Check Twice For Accurate Digits.

# Technical Data

## WDMW



Insert	Dia	R Program	A Overcut	B Unmachined
WDMW06	25 - 63	3.0	0	0.46
WDMW08	32 - 100	3.0	0	0.63

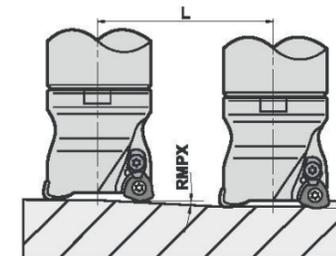
## WDMW06

Cutter Dia (D)	Straight Ramp Down			Helical Ramp Down		
	Max.Ramp(A2)	Max. ap	Min. Length (L)	Min. dia (HD)	Max dia (HD)	Max Pitch/Rev
25	4	2.0	14.3	33	46	1.0
32	2.5	2.0	22.9	47	60	1.0
40	1.5	2.0	38.2	63	76	1.0
50	1.1	2.0	52.1	83	96	1.0
63	0.8	2.0	71.6	107	122	1.0

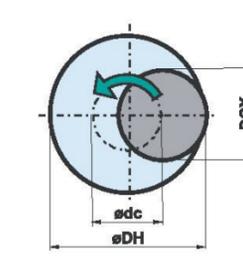
## WDMW08

Cutter Dia (D)	Straight Ramp Down			Helical Ramp Down		
	Max.Ramp(A2)	Max. ap	Min. Length (L)	Min. dia (HD)	Max dia (HD)	Max Pitch/Rev
32	4.0	2.0	14.3	41	60	1.5
40	3.0	2.0	19.1	57	76	1.5
50	2.0	2.0	28.6	77	96	1.5
63	1.5	2.0	38.2	103	122	1.5
80	1.1	2.0	52.1	137	156	1.5
100	0.8	2.0	71.3	177	196	1.5

### RAMPING



### HELICAL RAMP DOWN



- How To Derive A Locus Of The Centre Of The Tool.  

$$\text{ødc} = \text{øDH} - \text{DCX}$$
Locus of the centre of the tool = Desired hole diameter - Cutting Diameter Maximum
- For The Depth Of Cut Per Pass, Refer To The Cutting Conditions Above For Helical Ramp Down.
- Set The Machine Spindle Revolution So That The Tool Is Rotating And Cutting In A Down Cut Direction.
- Where Dc Cutter Dia. 10.1(WDMW06)
- Where Dc Cutter Dia. 11.7(WDMW08)

- When Ramping And Helical Cutting, Please Apply A Lower Feed.
- When Helical Ramp Down, Please Set The Feed In The Axial Direction At 0.2mm/rev Or Less.
- The Long Chips Generated Can Disperse, Ensure That Adequate Safety Precautions Are Taken.

\* As This Is Std. of Our Cutter. It's Very & Depends On Insert Corner Radius. Please Check Twice For Accurate Digits.

