

FOCUS PRODUCTS

WINSPEED
ADVANCED MACHINING



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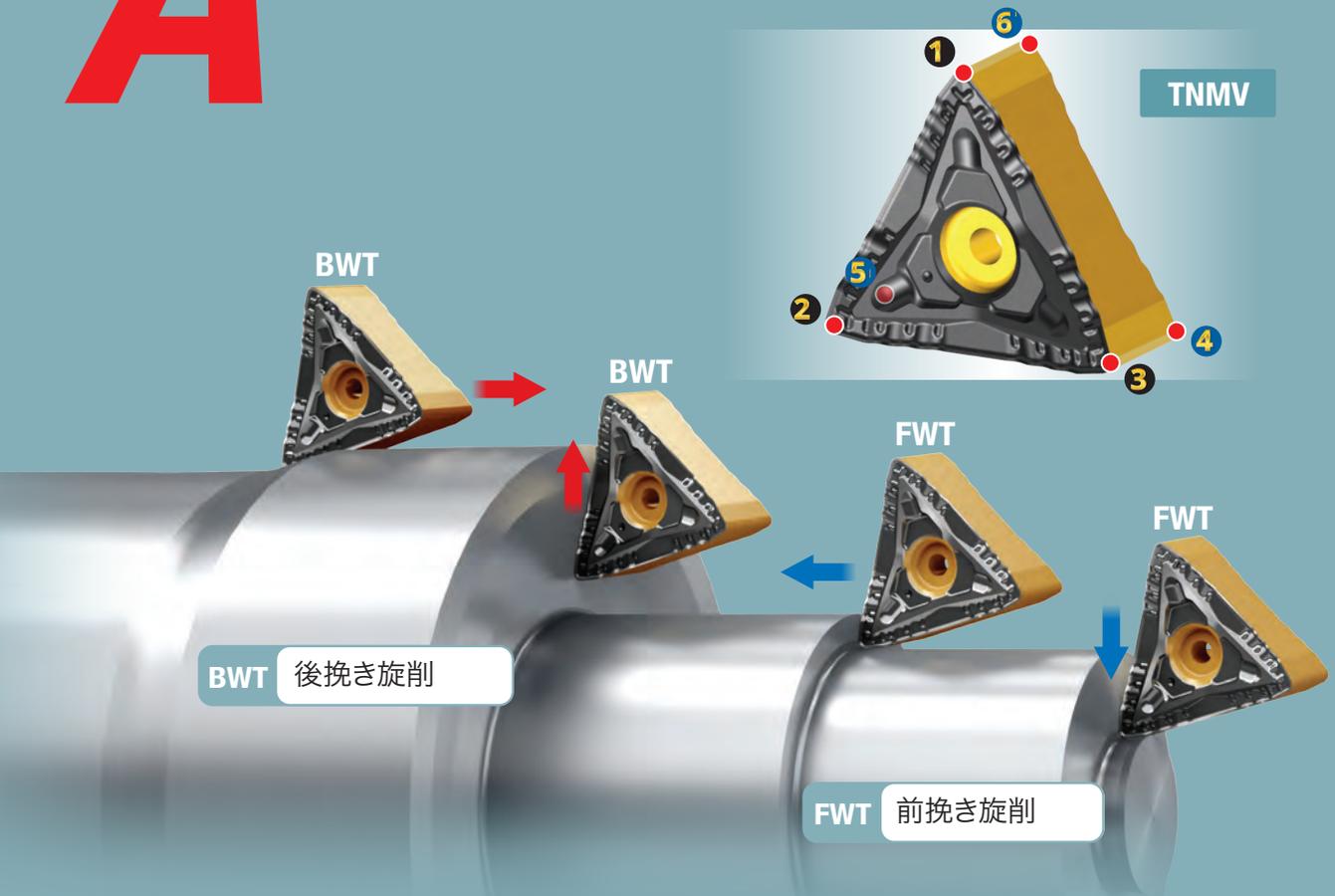
MAXIRUSH ————— 21
INDEXABLE SOLID HEAD

WIN TURN

ADVANCED MACHINING

A

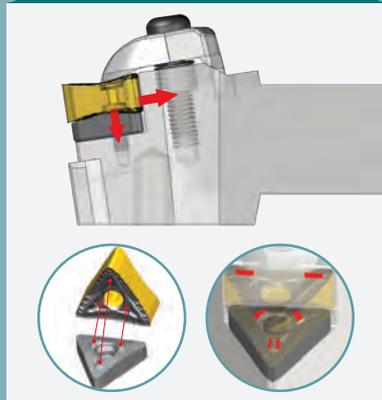
Multi-Cutting Edge Bi-Directional Turning Insert



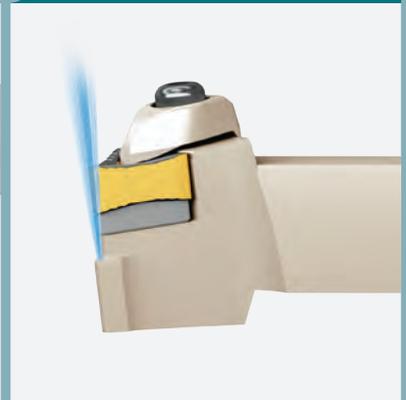
01 ポジティブ切れ刃



02 強固でユニークなクランプ



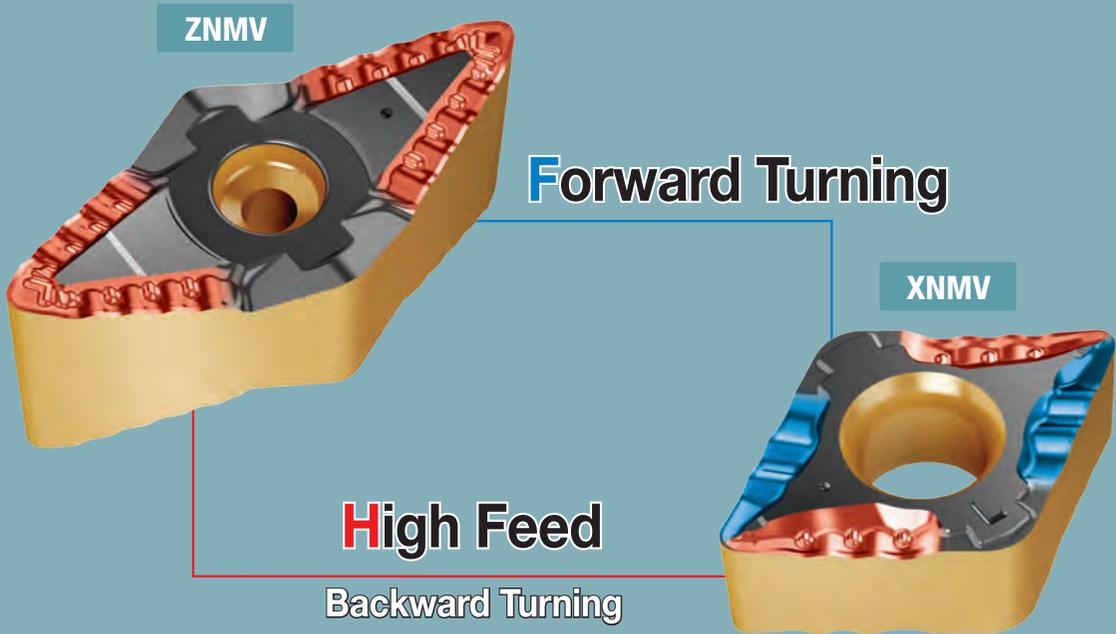
03 高圧クーラント供給



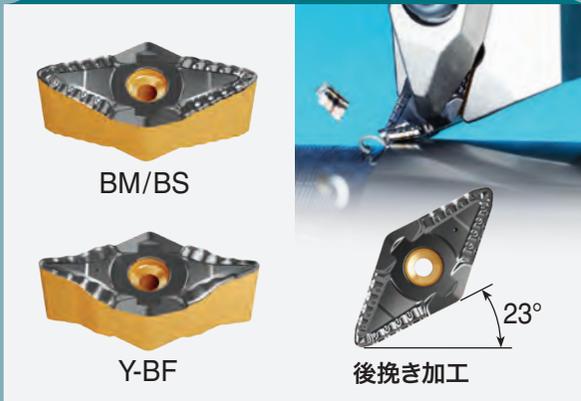
POSSTURN

DOUBLE SIDED POSITIVE TURNING

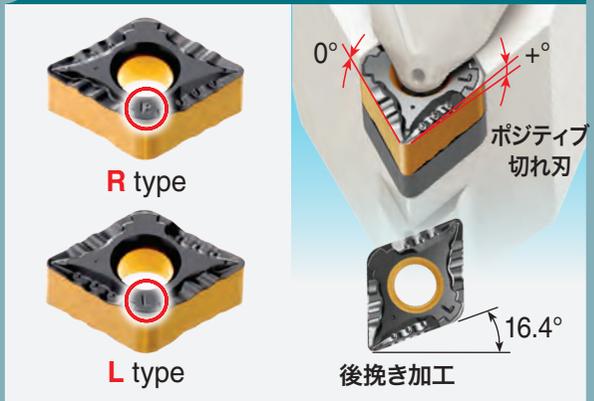
Multidirectional and High Feed Turning Application



01 ZNMV チップ - 4 コーナー使い



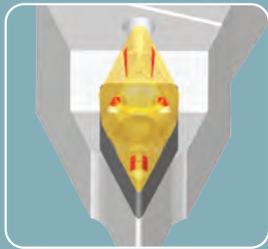
02 XNMV チップ - 4 コーナー使い



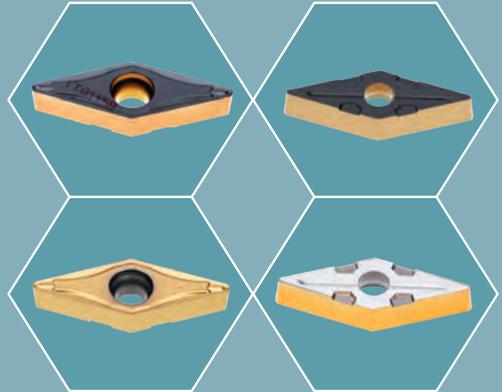
MULTI L TURN

SAFE TURNING

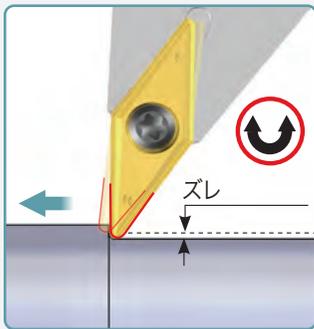
Anti-Rotating Clamping Insert



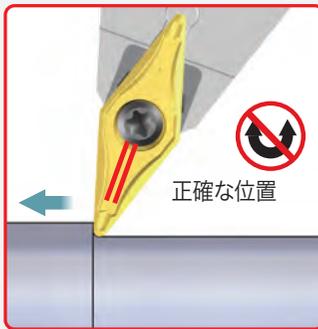
ユニークで強固な
デザインのカランプ



01 高い安全性と再現性



ISO



MULTI-L-TURN

02 パワフルなクランプ構造



HUSHBORE

ANTI VIBRATION BAR

Vibration Free Boring Bar with
Exchangeable Heads

Ø16 - Ø60
7xD, 10xD

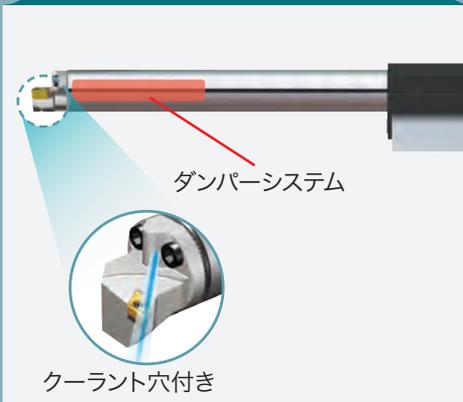
Ø80
7xD, 10xD



01 振動なしのボーリングバー

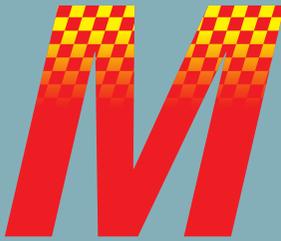
02 様々なヘッド

03 角バイトも装着可能



RHINO M TURN

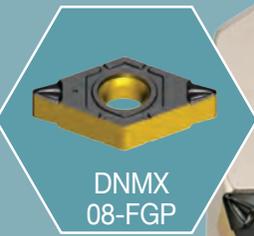
MINI LINE



**Mini Double-Sided Inserts for
Low Depth Turning Less than 2 mm**



CNMX
07-FGP



DNMX
08-FGP

IC=7.0 mm



WNMX
04-FGP



DNGX
08-SM



01

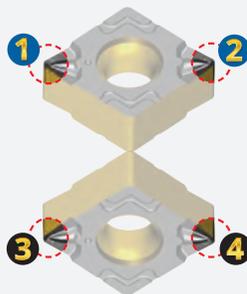
小径用ボーリング



最小加工径=Ø16 mm

02

経済的なチップ



03

ポジティブ切れ刃



04

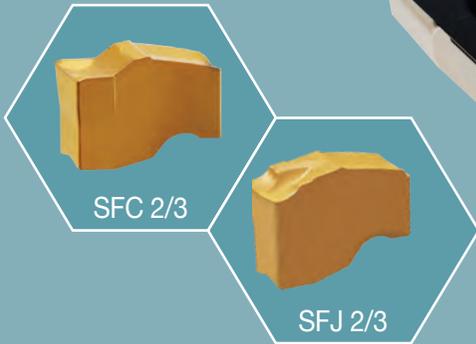
小物部品加工用



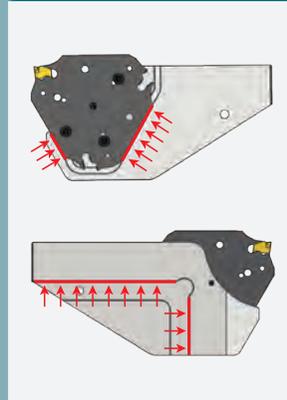
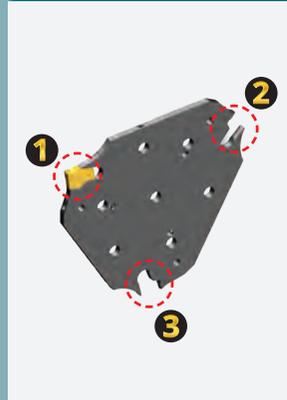
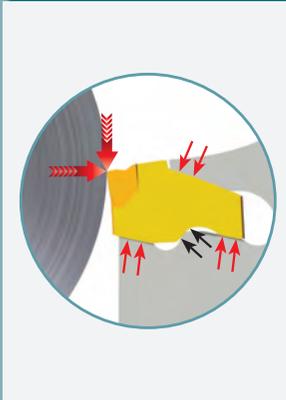
WINCUT

ADVANCED PARTING

Ultra Stability and High Productivity for Parting and Deep Grooving

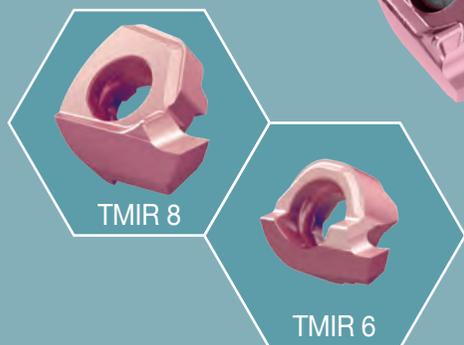


- 01** 強固なチップクランプ
- 02** 経済的なブレード
- 03** 安定した保持力
- 04** 高圧クーラント仕様



WINGROOVE

Mⁱⁿⁱ (Ø6 and Ø8 mm) Indexable Insert for Internal Shallow Grooving



01

ミニチュア産業向け

02

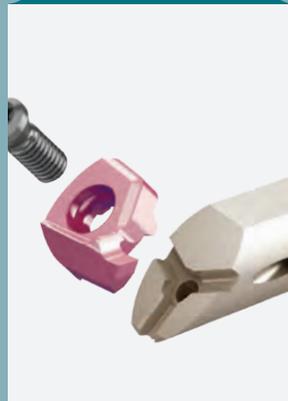
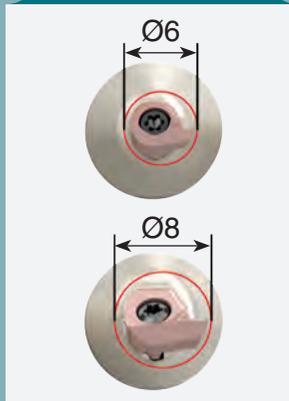
ユニークな
クランプ構造

03

スムーズな
切りくず排出

04

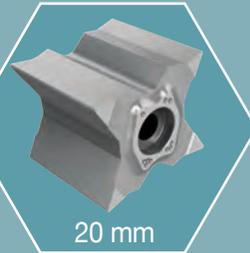
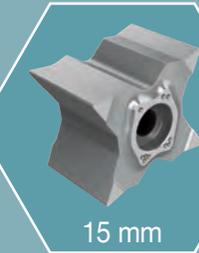
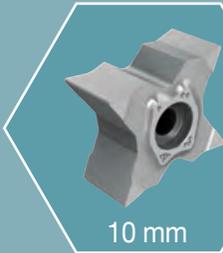
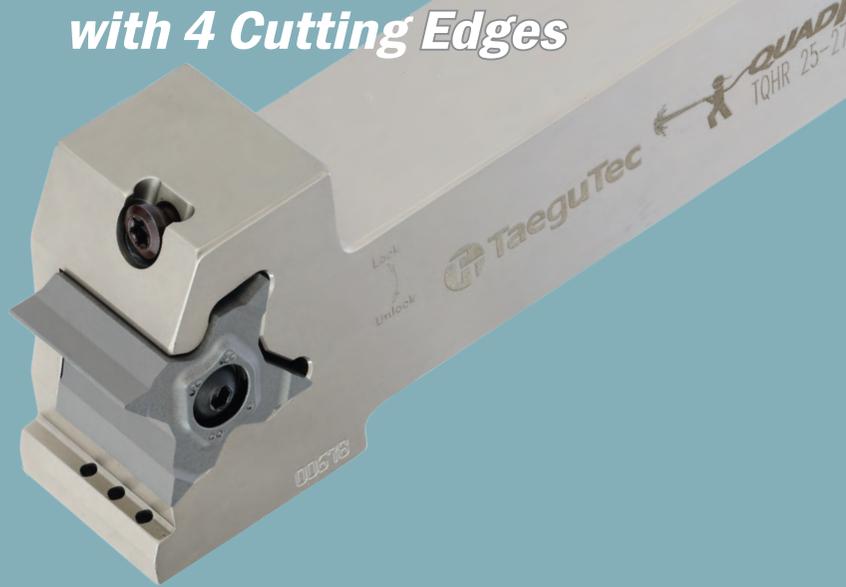
内部給油



QUADRUSH

PARTING & GROOVING

Extra **Wide** Form Grooving
with 4 Cutting Edges



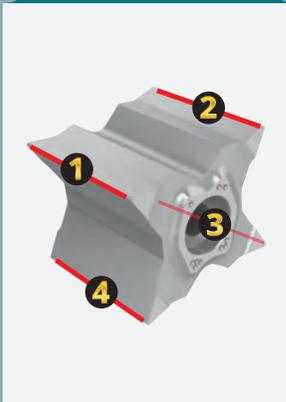
多様なブラック

01 4コーナー仕様

02 お客様に合った
特殊形式

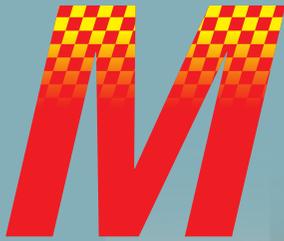
03 高圧クーラント式

04 強固で安定した
クランプ

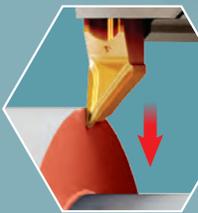
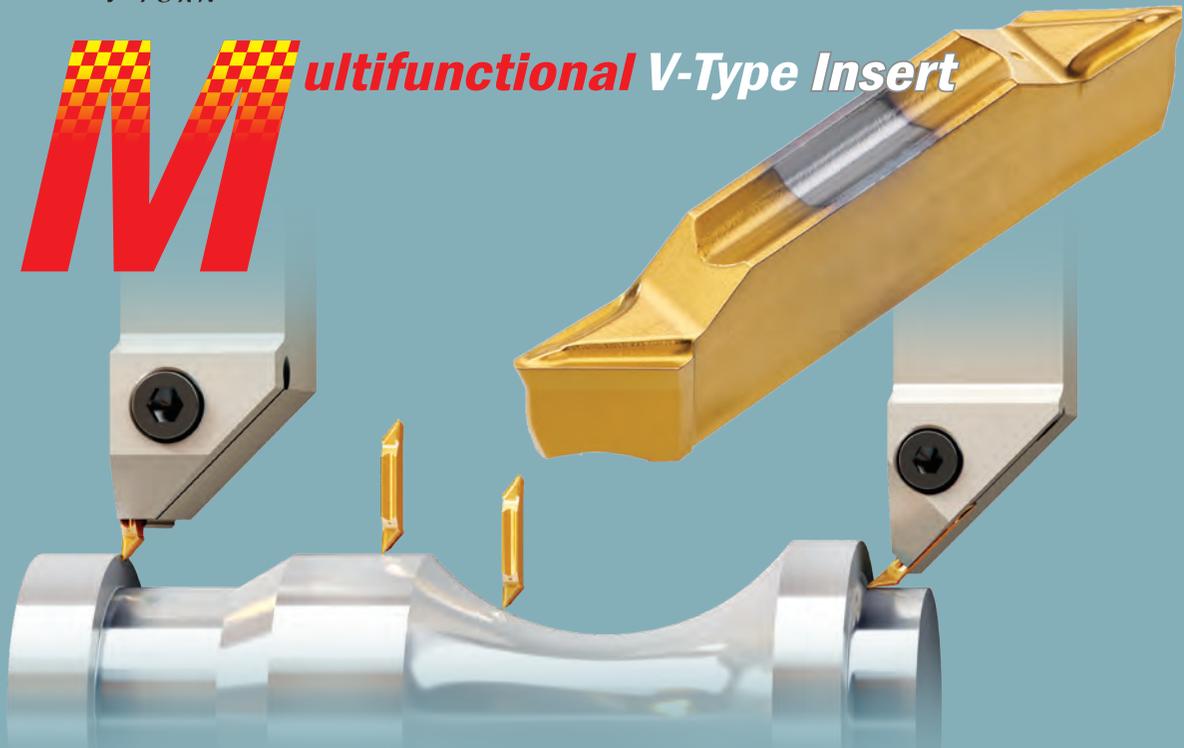


VT-CLAMP

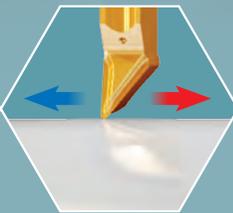
V TURN



multifunctional V-Type Insert



端面加工



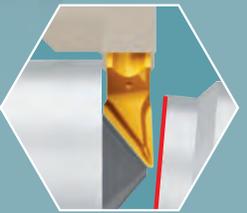
旋削加工



プロフィール加工



盗み加工



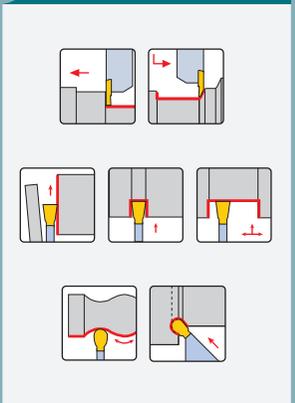
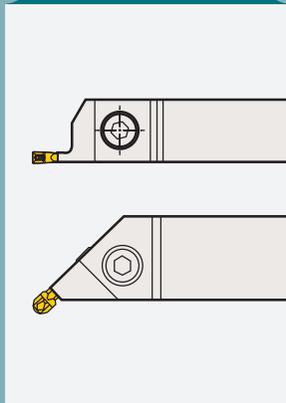
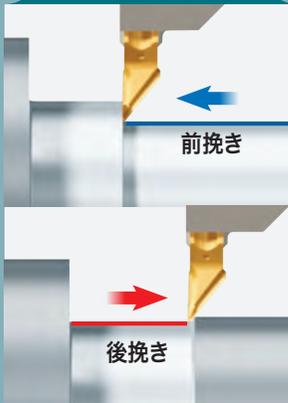
突切加工

01 全方向加工

02 良好な切りくず処理

03 標準ホルダーを使用

04 多機能加工用

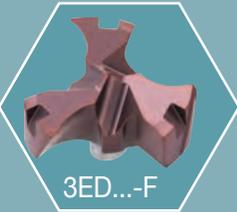
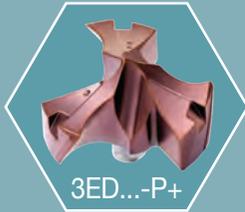
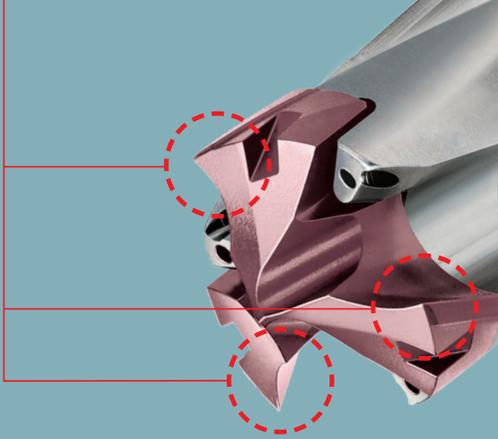


DRILL SPEED

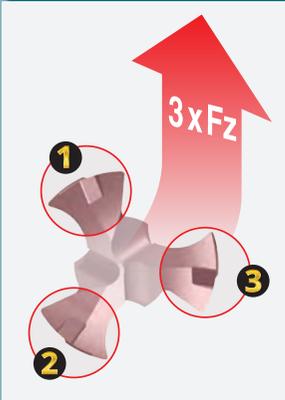
INDEXABLE 3 FLUTE



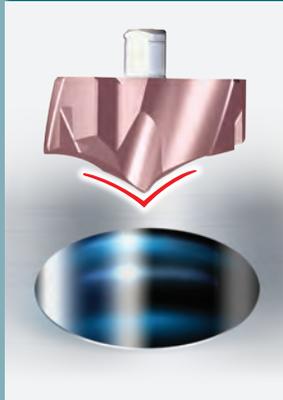
Effective Cutting Edges
Head-Changeable Drills



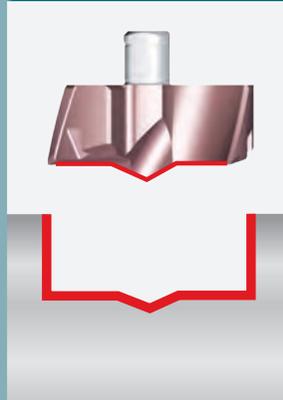
01 高い生産性



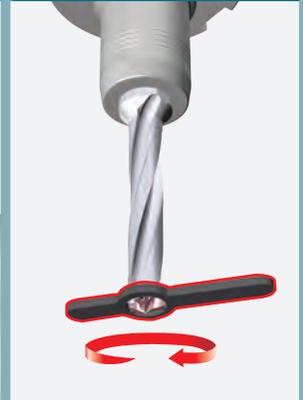
02 高品質な加工面 (P+)



03 フラット底穴 (F)



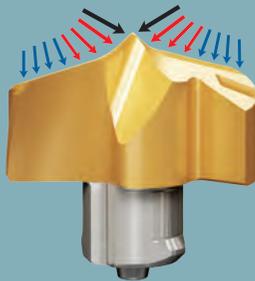
04 簡単なヘッド交換



DRILL RUSH

RUSH 2 FLUTE

P+ Self-Centering Drill Heads for Premium Hole Machining



TCD-P+

WINDRILL
ADVANCED MACHINING



TCD-P

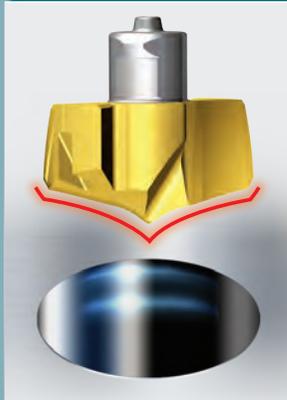
Ø4 - 5.9 mm



Ø4 - 25 mm

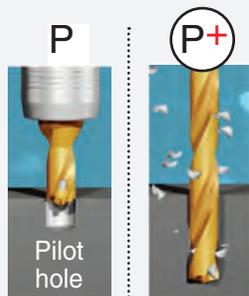
01

高品質な加工面
(P+)



02

高い生産性



2工程必要

1工程でOK

03

ヘッド交換時間削減



04

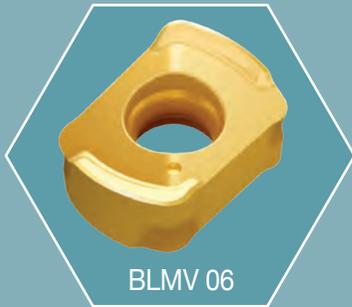
最大12xDまで



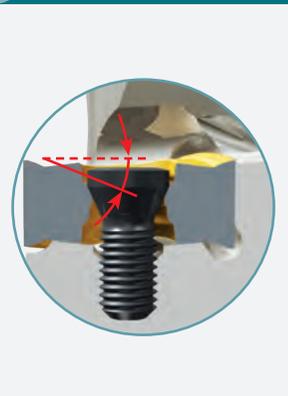
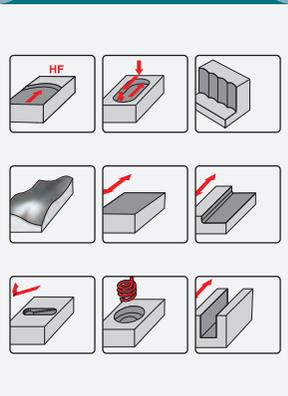
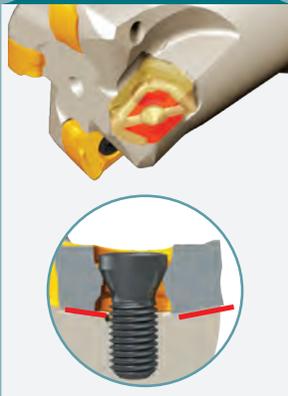
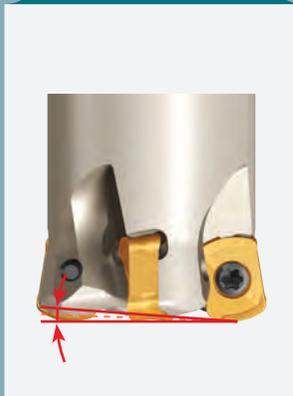
WIN4FEED



Higher Ramping Angle with Secure Clamping for Improved Productivity



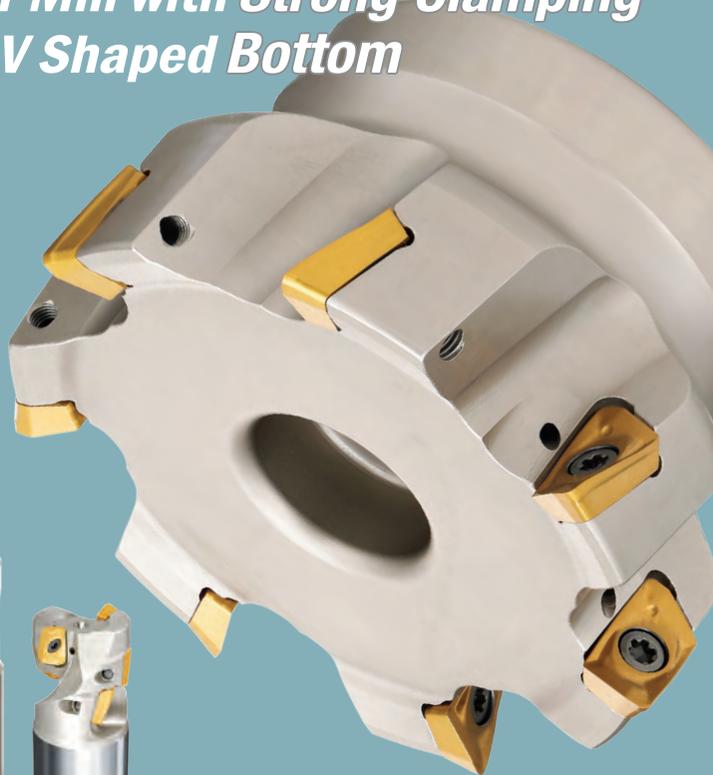
- 01 高い斜め沈み角度
- 02 V形状のチップ底面
- 03 様々な加工に適用
- 04 ハイポジティブ切れ刃



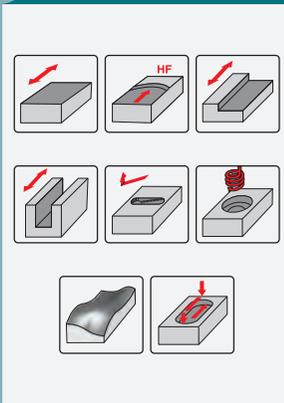
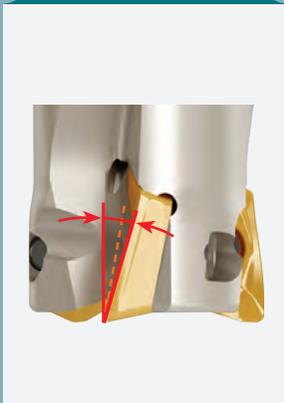
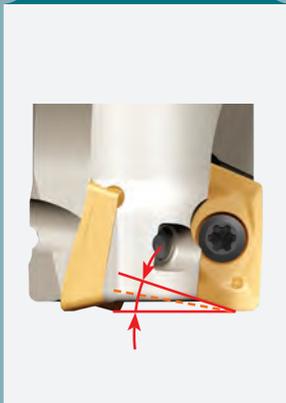
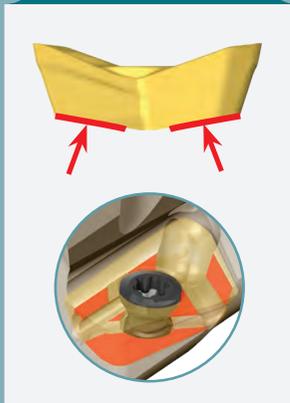
WINMILL

ADVANCED MACHINING

90° Next Generation Shoulder Mill with Strong Clamping and V Shaped Bottom



- 01 V形状のチップ底面
- 02 高い斜め沈み角度
- 03 超ハイレキ切れ刃
- 04 様々な加工に適用



CHASE 8 MILL

90° FACING & SHOULDERING

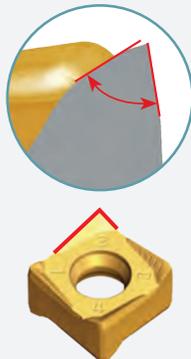
90° Shoulder Milling with Economical 8 Cutting Edge Square Insert



01 経済的な
8コーナー使い



02 超ハイレーキ切れ刃



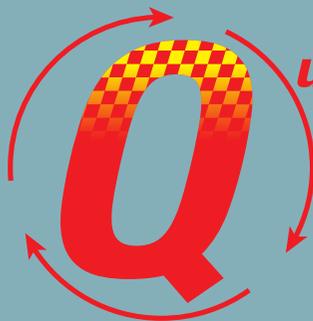
03 壁際加工の
段差が小さい



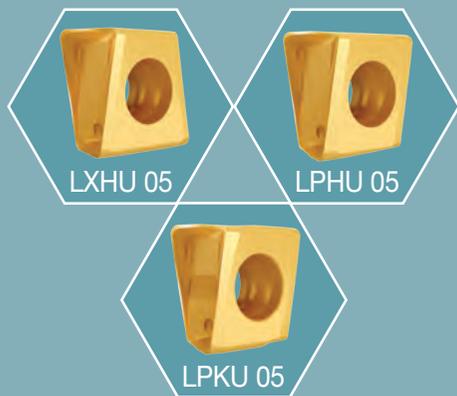
04 多刃仕様で高い
生産性



MAXI TANG



Quick Changeable Head for Multiple Machining



溝加工用



平面加工用

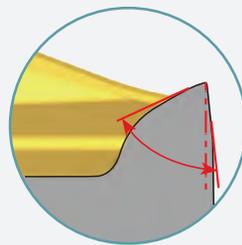
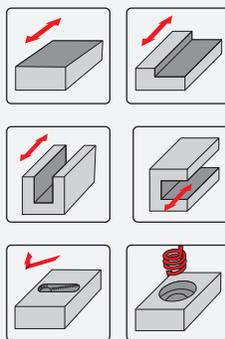


01 簡単なセットアップ

02 多刃による
高い生産性

03 様々な加工に適用

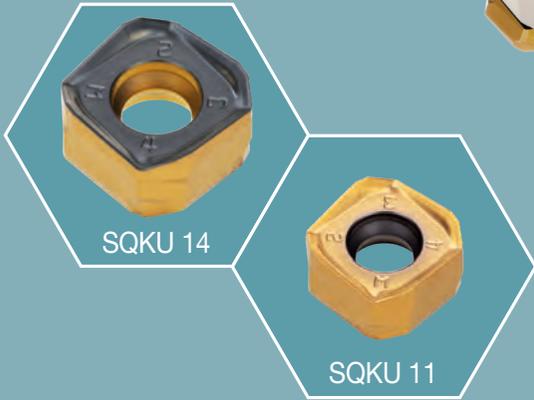
04 強靱な切れ刃



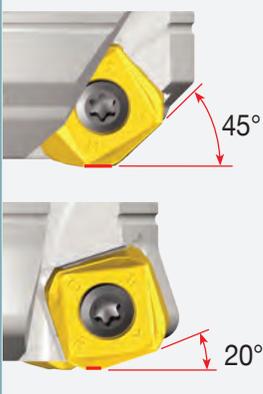
CHASE8SFEED

FACING & HIGH FEED

High Feed and Face Milling with Strong
Cutter Body for Improved Productivity



01 20度、45度とも
同じチップを仕様



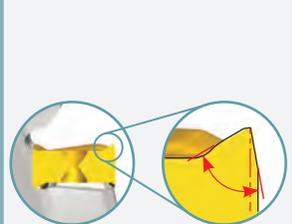
02 強固な
カッターボディ



03 良好な切りくず排出



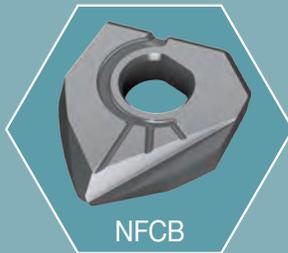
04 強靱な切れ刃



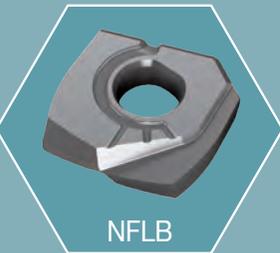
高い送りの加工にも
最適な強靱な切れ刃

FINE BARREL

F High Productivity in
Finishing Applications with
Larger Radius Insert



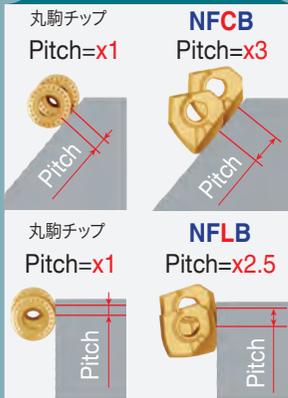
NFCB
Ø8-Ø30



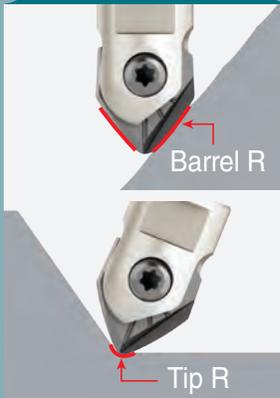
NFLB
Ø12-Ø30



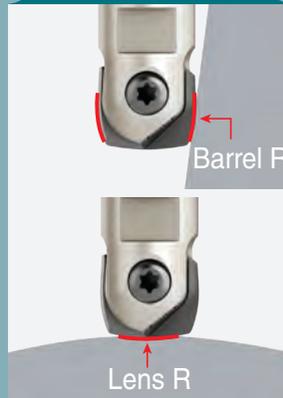
01 最大ピッチ



02 2種類の加工が可能



03 レンズ面とバレルの両方に使用



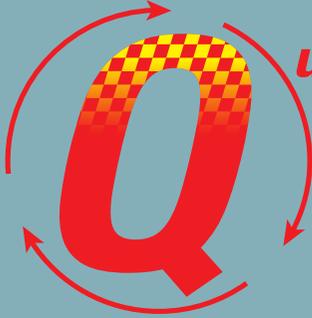
04 FINE-BALLホルダーに装着可



径範囲: Ø8-Ø30

MAXIRUSH

INDEXABLE SOLID HEADS



Quick Head-Changeable
Solid Carbide End Mills



- 01** 高い生産性
- 02** 優れた取り付け精度
- 03** 多様なヘッド
- 04** 最新コーティング材質





FOCUS PRODUCTS

Tool CutZZ
Your Knowledge Machining Link!



Headquarters

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