



**突切り加工用工具 234**  
2コーナー式突切り工具  
φ 65 まで対応可能

**PARTING OFF SYSTEM 234**  
PARTING OFF WITH 2 CUTTING EDGES  
UP TO A DIAMETER OF 65 MM







**特長:**

THE DIFFERENCE:  
MORE POSSIBILITIES

• **2コーナー式インサート**

Insert with 2 cutting edges

• **加工直径最大 65 mm**

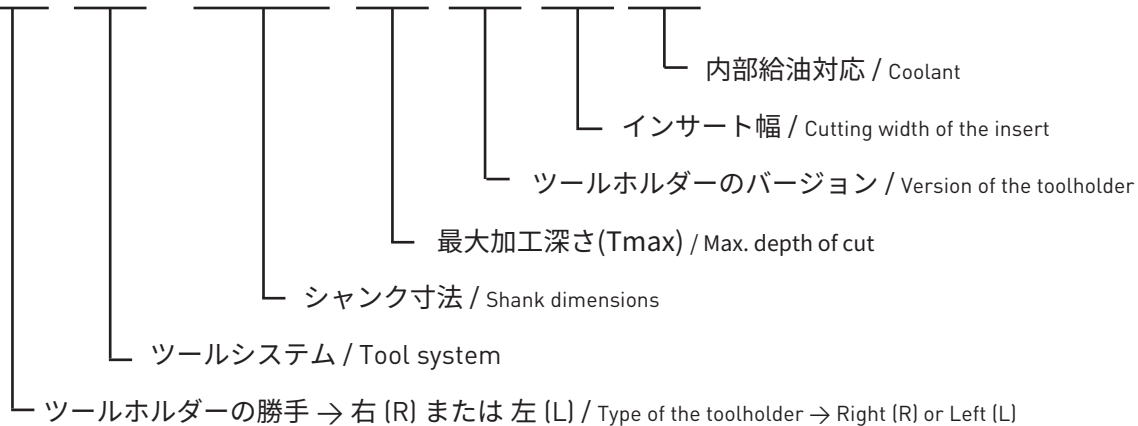
Cutting diameter up to 65 mm

• **2種類のチップブレーカーを提供**

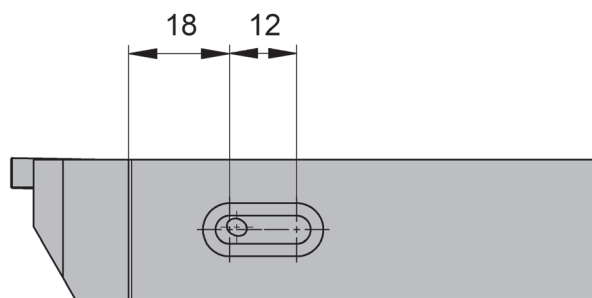
2 different chip breaking geometries  
available

ツールホルダーの番号コード / Number code of the toolholder:

**RH234.2020.33.0A.02.IK**



クーラント供給位置 / Position of the coolant transfer



チップブレイカー  
Geometry

被削材  
Material

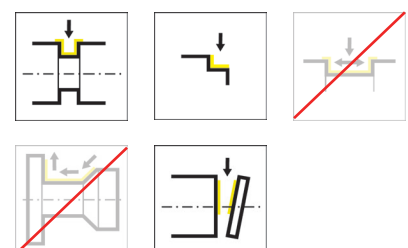
送り速度 f [mm/rev]  
Feed rate f [mm/rev]

加工  
Machining

.EN

P M K  
N S H

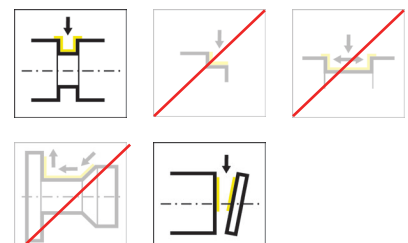
↓  
0,10-0,45



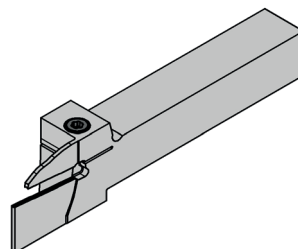
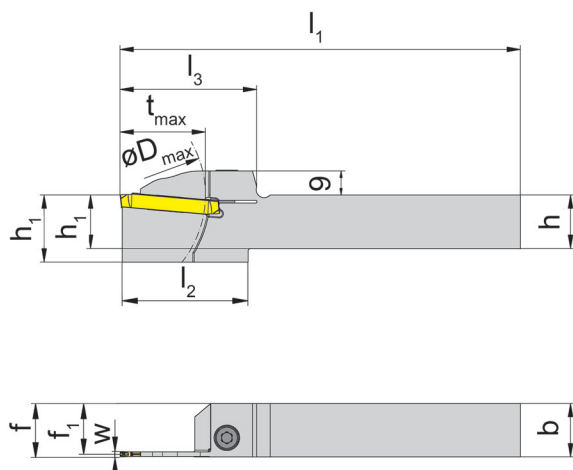
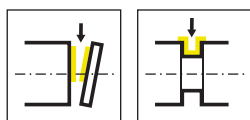
.3V

P M K  
N S H

↓  
0,05-0,20







R = 右勝手バージョン図示  
R = right hand version shown

L = 左勝手バージョン図示  
L = left hand version

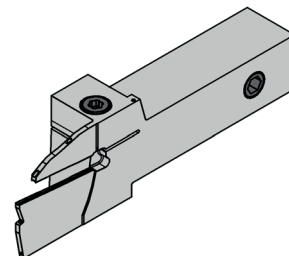
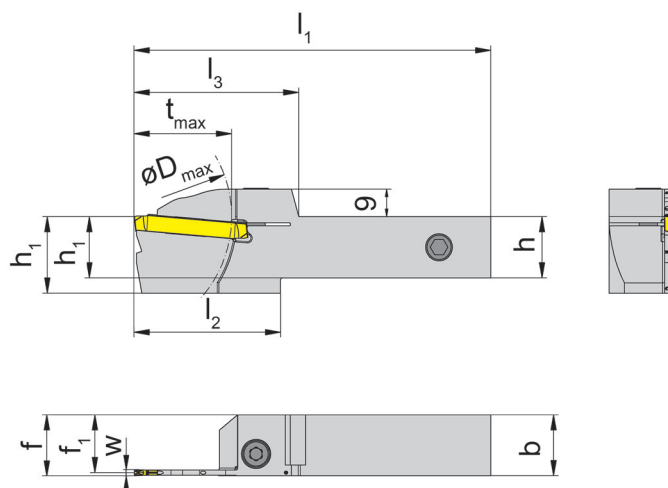
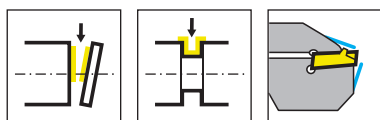
| 型式<br>Part number | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | w | HWS   |
|-------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|---|-------|
| RH234.2020.33.02  | 20 | 20 | 150            | 48             | 52             | 20             | 19             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| RH234.2020.33.03  | 20 | 20 | 150            | 48             | 52             | 20             | 18,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |
| RH234.2525.33.02  | 25 | 25 | 150            | 48             | 52             | 25             | 24             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| RH234.2525.33.03  | 25 | 25 | 150            | 48             | 52             | 25             | 23,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |
| LH234.2020.33.02  | 20 | 20 | 150            | 48             | 52             | 20             | 19             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| LH234.2020.33.03  | 20 | 20 | 150            | 48             | 52             | 20             | 18,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |
| LH234.2525.33.02  | 25 | 25 | 150            | 48             | 52             | 25             | 24             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| LH234.2525.33.03  | 25 | 25 | 150            | 48             | 52             | 25             | 23,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |

## 予備部品

Spare Parts

| ツールホルダー<br>Toolholder | ねじ<br>Clamping Screw | トルクスレンチ<br>TORX PLUS® Wrench |
|-----------------------|----------------------|------------------------------|
| R/LH234...            | 6.23T25P             | T25PQ                        |





R = 右勝手バージョン図示  
R = right hand version shown

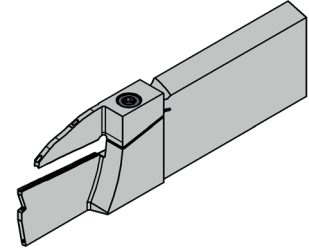
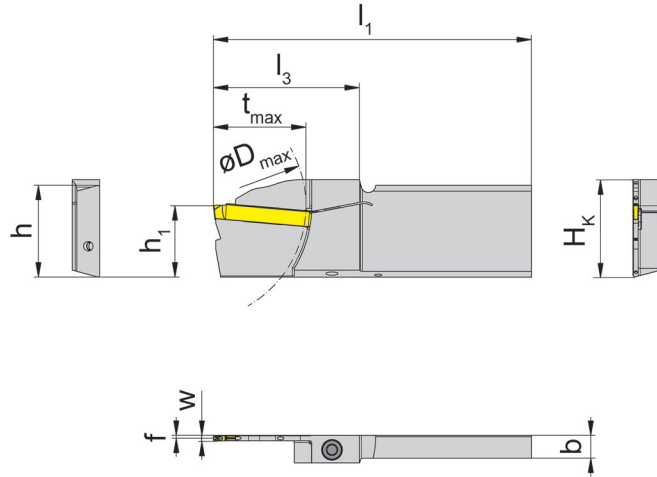
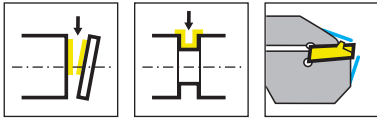
L = 左勝手バージョン図示  
L = left hand version

| 型式<br>Part number      | h  | b  | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | h <sub>1</sub> | f <sub>1</sub> | f                   | t <sub>max</sub> | D <sub>max</sub> | w | HWS   |
|------------------------|----|----|----------------|----------------|----------------|----------------|----------------|---------------------|------------------|------------------|---|-------|
| RH234.2020.33.0A.02.IK | 20 | 20 | 117            | 48             | 54             | 20             | 19             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| RH234.2020.33.0A.03.IK | 20 | 20 | 117            | 48             | 54             | 20             | 18,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |
| RH234.2525.33.0A.02.IK | 25 | 25 | 132            | 48             | 54             | 25             | 24             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| RH234.2525.33.0A.03.IK | 25 | 25 | 132            | 48             | 54             | 25             | 23,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |
| LH234.2020.33.0A.02.IK | 20 | 20 | 117            | 48             | 54             | 20             | 19             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| LH234.2020.33.0A.03.IK | 20 | 20 | 117            | 48             | 54             | 20             | 18,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |
| LH234.2525.33.0A.02.IK | 25 | 25 | 132            | 48             | 54             | 25             | 24             | f <sub>1</sub> +w/2 | 33               | 80               | 2 | 23401 |
| LH234.2525.33.0A.03.IK | 25 | 25 | 132            | 48             | 54             | 25             | 23,5           | f <sub>1</sub> +w/2 | 33               | 80               | 3 | 23403 |

## 予備部品

Spare Parts

| ツールホルダー<br>Toolholder | クーラント供給部品<br>Coolant supply | ねじ<br>Clamping Screw | トルクスレンチ<br>TORX PLUS® Wrench |
|-----------------------|-----------------------------|----------------------|------------------------------|
| R/LH234...            | 004.00.16                   | 6.23T25P             | T25PQ                        |



R = 右勝手バージョン図示  
R = right hand version shown

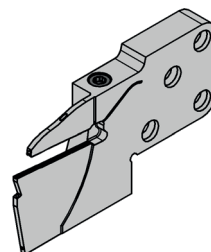
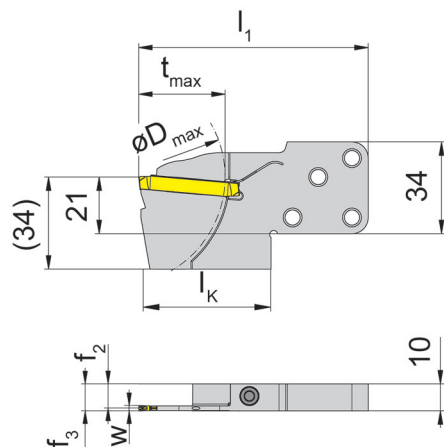
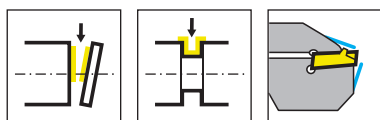
L = 左勝手バージョン図示  
L = left hand version

| 型式<br>Part number   | H <sub>K</sub> | h  | l <sub>1</sub> | h <sub>1</sub> | f   | l <sub>3</sub> | t <sub>max</sub> | D <sub>max</sub> | w | HWS   |
|---------------------|----------------|----|----------------|----------------|-----|----------------|------------------|------------------|---|-------|
| RH234.3208.33.02.IK | 33,8           | 32 | 110            | 24,8           | 1   | 51             | 33               | 80               | 2 | 23401 |
| RH234.3208.33.03.IK | 33,8           | 32 | 110            | 24,8           | 1,5 | 51             | 33               | 80               | 3 | 23403 |
| LH234.3208.33.02.IK | 33,8           | 32 | 110            | 24,8           | 1   | 51             | 33               | 80               | 2 | 23401 |
| LH234.3208.33.03.IK | 33,8           | 32 | 110            | 24,8           | 1,5 | 51             | 33               | 80               | 3 | 23403 |

予備部品  
Spare Parts

| ツールホルダー<br>Toolholder | ねじ<br>Clamping Screw | トルクスレンチ<br>TORX PLUS® Wrench |
|-----------------------|----------------------|------------------------------|
| R/LH234...            | 5.13T20P             | T20PQ                        |





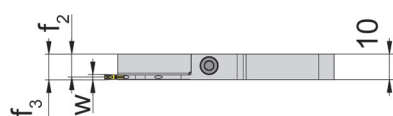
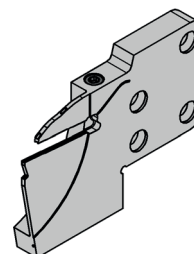
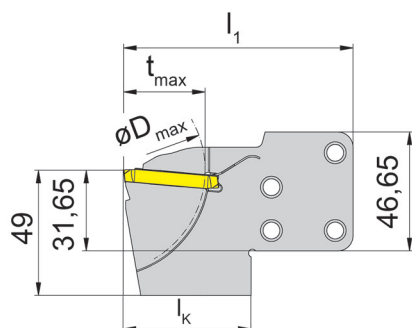
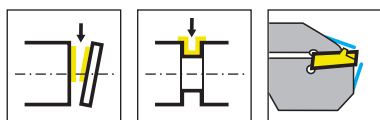
R = 右勝手バージョン図示  
R = right hand version shown

L = 左勝手バージョン図示  
L = left hand version

| 型式<br>Part number             | $t_{\max}$ | $f_2$ | $f_3$       | w | $D_{\max}$ | $l_1$ | HWS   | HMS             |
|-------------------------------|------------|-------|-------------|---|------------|-------|-------|-----------------|
| <b>RNK234.0842.33.4.02.IK</b> | 33         | 9     | $f_2 + w/2$ | 2 | 80         | 85    | 23401 | 842002 • 842001 |
| <b>RNK234.0842.33.4.03.IK</b> | 33         | 8,5   | $f_2 + w/2$ | 3 | 80         | 85    | 23403 | 842002 • 842001 |
| <b>LNK234.0842.33.4.02.IK</b> | 33         | 9     | $f_2 + w/2$ | 2 | 80         | 85    | 23401 | 842002 • 842001 |
| <b>LNK234.0842.33.4.03.IK</b> | 33         | 8,5   | $f_2 + w/2$ | 3 | 80         | 85    | 23403 | 842002 • 842001 |

## 予備部品 Spare Parts

| カセット<br>Cassette | ねじ<br>Clamping Screw | トルクスレンチ<br>TORX PLUS® Wrench |
|------------------|----------------------|------------------------------|
| R/LH234...       | <b>5.13T20P</b>      | <b>T20PQ</b>                 |



R = 右勝手バージョン図示  
R = right hand version shown

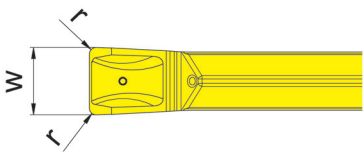
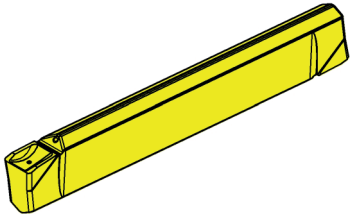
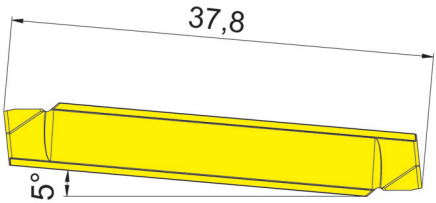
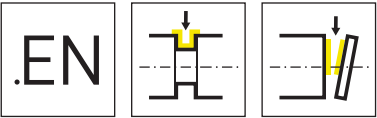
L = 左勝手バージョン図示  
L = left hand version

| 型式<br>Part number      | $t_{max}$ | $f_2$ | $f_3$       | w | $D_{max}$ | $l_1$ | HWS   | HMS             |
|------------------------|-----------|-------|-------------|---|-----------|-------|-------|-----------------|
| RNK234.0845.33.4.02.IK | 33        | 9     | $f_2 + w/2$ | 2 | 80        | 90    | 23401 | 845002 • 845001 |
| RNK234.0845.33.4.03.IK | 33        | 8,5   | $f_2 + w/2$ | 3 | 80        | 90    | 23403 | 845002 • 845001 |
| LNK234.0845.33.4.02.IK | 33        | 9     | $f_2 + w/2$ | 2 | 80        | 90    | 23401 | 845002 • 845001 |
| LNK234.0845.33.4.03.IK | 33        | 8,5   | $f_2 + w/2$ | 3 | 80        | 90    | 23403 | 845002 • 845001 |

予備部品  
Spare Parts

| カセット<br>Cassette | ねじ<br>Clamping Screw | トルクスレンチ<br>TORX PLUS® Wrench |
|------------------|----------------------|------------------------------|
| R/LH234...       | 5.13T20P             | T20PQ                        |

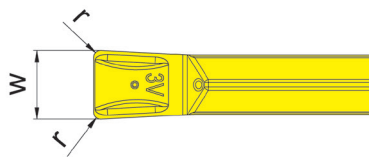
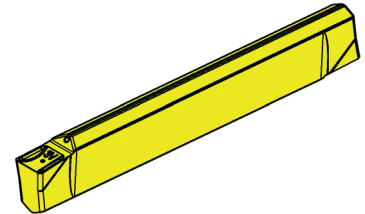
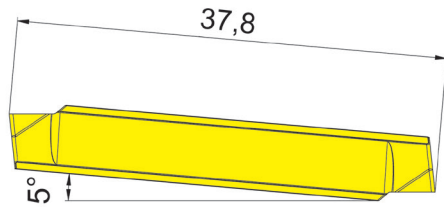
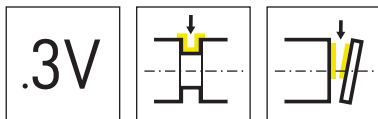




▲ 在庫品  
on stock

超硬材種  
Carbide grades  
△ 4 週間  
4 weeks

| 型式<br>Part number | w | r   | HIS   | AS65 | IG65 |
|-------------------|---|-----|-------|------|------|
| S234.0200.EN2     | 2 | 0,2 | 23401 | ▲    | ▲    |
| S234.0300.EN3     | 3 | 0,3 | 23403 | ▲    | ▲    |
|                   |   |     |       | P    | ●    |
|                   |   |     |       | M    | ○    |
|                   |   |     |       | K    | ○    |
|                   |   |     |       | N    | -    |
|                   |   |     |       | S    | -    |
|                   |   |     |       | H    | -    |



▲ 在庫品  
on stock

超硬材種  
Carbide grades  
△ 4 週間  
4 weeks

| 型式<br>Part number | w | r   | HIS   | AS65 | IG65 |
|-------------------|---|-----|-------|------|------|
| S234.0200.3V2     | 2 | 0,2 | 23401 | ▲    | ▲    |
| S234.0300.3V3     | 3 | 0,3 | 23403 | ▲    | ▲    |
|                   |   |     |       | P    | ●    |
|                   |   |     |       | M    | ○    |
|                   |   |     |       | K    | ○    |
|                   |   |     |       | N    | -    |
|                   |   |     |       | S    | -    |
|                   |   |     |       | H    | -    |



溝入れ加工のベストソリューションを  
ご提案いたします。

FIND YOUR RIGHT  
TOOLING SOLUTION NOW.

**horn-group.com**

輸入総代理店

—

**株式会社IZUSHI**

中部支店/刈谷テクニカルセンター

〒448-0807 愛知県刈谷市東刈谷町二丁目二番地 2

Tel 0566-62-8075

Fax 0566-62-8084

horn@ztec-izushi.co.jp

www.phhorn.jp

**DEUTSCHLAND, STAMMSITZ**

GERMANY, HEADQUARTERS

—

Hartmetall-Werkzeugfabrik

Paul Horn GmbH

Horn-Straße 1

72072 Tübingen

Tel +49 7071 / 7004-0

Fax +49 7071 / 72893

info@de.horn-group.com

horn-group.com