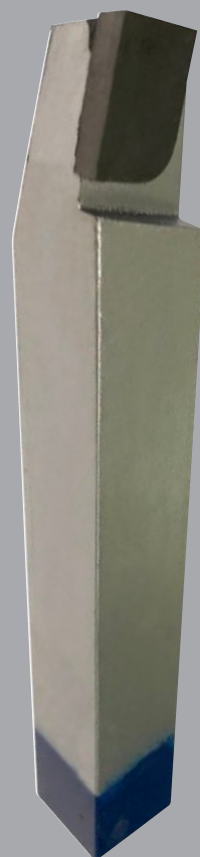


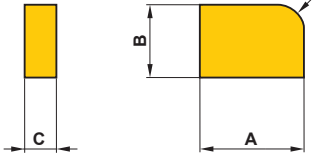
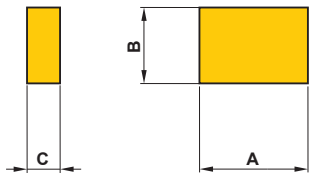
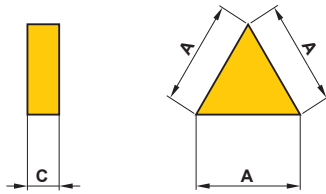
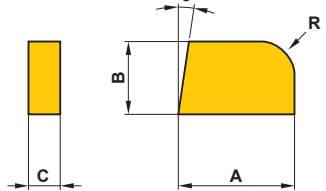
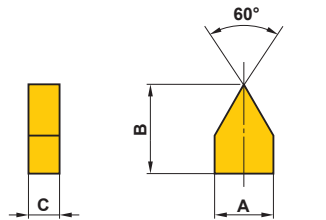
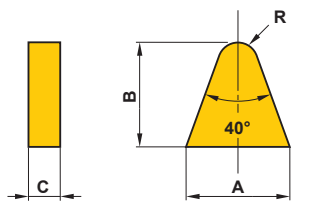
# เครื่องมือกลึง

## เครื่องมือเชื่อม

|                                          |      |
|------------------------------------------|------|
| คาร์ไบด์แบลงค์สำหรับเครื่องมืองลิ้ง..... | I002 |
| แท่งคาร์ไบด์(มาตรฐาน มิตซูบิชิ) .....    | I004 |
| ด้ามเชื่อม.....                          | I005 |

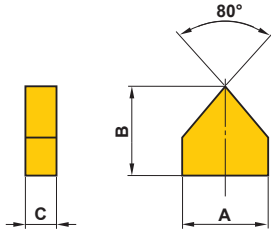
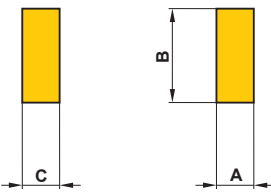
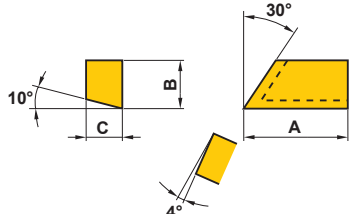
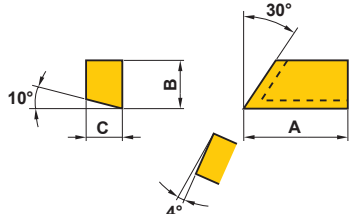


# คาร์ไบด์แบลงค์สำหรับเครื่องมือกลึง

| แบบ                  | รูปทรง                                                                              | รหัสสินค้า       | สต็อก               |                     |                      |                      |                      |                      |                     |                     | ขนาด (มม.) |    |   |     |
|----------------------|-------------------------------------------------------------------------------------|------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|------------|----|---|-----|
|                      |                                                                                     |                  | P                   |                     |                      | M                    | K                    |                      |                     |                     |            |    |   |     |
|                      |                                                                                     |                  | ST110<br>(HW-P10) * | ST120<br>(HW-P20) * | ST140T<br>(HW-P40) * | UT120T<br>(HW-M20) * | HT103A<br>(HW-K01) * | HT105T<br>(HW-K01) * | HT110<br>(HW-K10) * | HT120<br>(HW-K20) * | A          | B  | C | R   |
| แบบ 01               |    | 01-0             | ▲                   | ▲                   | □                    | ▲                    | ▲                    | ▲                    | ▲                   | □                   | 10         | 6  | 3 | 4   |
|                      |                                                                                     | 01-1             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 13         | 9  | 3 | 5   |
|                      |                                                                                     | 01-2             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 16         | 11 | 4 | 5   |
|                      |                                                                                     | 01-3             | ▲                   | ▲                   | ▲                    | ▲                    | □                    | □                    | ▲                   | ▲                   | 19         | 13 | 5 | 5   |
|                      |                                                                                     | 01-4             | □                   | ▲                   | ▲                    | ▲                    | □                    | □                    | □                   | □                   | 22         | 15 | 6 | 8   |
|                      |                                                                                     | 01-5             | □                   | □                   | □                    | ▲                    | □                    | □                    | □                   | □                   | 25         | 17 | 7 | 8   |
|                      |                                                                                     | 01-6             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 30         | 20 | 8 | 8   |
| สำหรับแบบ 31, 32     |                                                                                     |                  |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |     |
| แบบ 02               |    | 02-0             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 10         | 6  | 3 | —   |
|                      |                                                                                     | 02-1             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 13         | 9  | 3 | —   |
|                      |                                                                                     | 02-2             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 16         | 11 | 4 | —   |
|                      |                                                                                     | 02-3             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 19         | 13 | 5 | —   |
|                      |                                                                                     | 02-4             | ▲                   | ▲                   | ▲                    | ▲                    | □                    | ▲                    | ▲                   | ▲                   | 22         | 15 | 6 | —   |
|                      |                                                                                     | 02-5             | □                   | ▲                   | ▲                    | ▲                    | □                    | ▲                    | ▲                   | ▲                   | 25         | 17 | 7 | —   |
|                      |                                                                                     | 02-6             | □                   | ▲                   | ▲                    | ▲                    | □                    | ▲                    | ▲                   | ▲                   | 30         | 20 | 8 | —   |
| สำหรับแบบ 41, 42     |                                                                                     |                  |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |     |
| แบบ 03               |   | 03-0             | □                   | ▲                   | □                    | ▲                    | □                    | □                    | □                   | □                   | 10         | —  | 3 | —   |
|                      |                                                                                     | 03-1             | □                   | ▲                   | □                    | ▲                    | ▲                    | □                    | ▲                   | □                   | 12         | —  | 3 | —   |
|                      |                                                                                     | 03-2             | □                   | ▲                   | □                    | ▲                    | ▲                    | □                    | ▲                   | □                   | 15         | —  | 4 | —   |
|                      |                                                                                     | 03-3             | □                   | ▲                   | □                    | ▲                    | □                    | ▲                    | ▲                   | ▲                   | 18         | —  | 5 | —   |
|                      |                                                                                     | 03-4             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 24         | —  | 6 | —   |
|                      |                                                                                     | 03-5             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 24         | —  | 7 | —   |
|                      |                                                                                     | 03-6             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 28         | —  | 8 | —   |
| สำหรับแบบ 37, 38, 47 |                                                                                     |                  |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |     |
| แบบ 04               |  | 04-0             | ▲                   | ▲                   | □                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 10         | 6  | 3 | 4   |
|                      |                                                                                     | 04-1             | ▲                   | ▲                   | □                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 13         | 9  | 3 | 5   |
|                      |                                                                                     | 04-2             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 16         | 11 | 4 | 5   |
|                      |                                                                                     | 04-3             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 19         | 13 | 5 | 5   |
|                      |                                                                                     | 04-4             | □                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 22         | 15 | 6 | 8   |
|                      |                                                                                     | 04-5             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 25         | 17 | 7 | 8   |
|                      |                                                                                     | 04-6             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 30         | 20 | 8 | 8   |
| สำหรับแบบ 33, 34     |                                                                                     |                  |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |     |
| แบบ 05               |  | 05-1             | □                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 5          | 8  | 3 | —   |
|                      |                                                                                     | 05-2             | ▲                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 6          | 10 | 4 | —   |
|                      |                                                                                     | 05-3             | ▲                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 7          | 12 | 5 | —   |
|                      |                                                                                     | 05-4             | □                   | ▲                   | □                    | ▲                    | □                    | □                    | □                   | □                   | 9          | 16 | 6 | —   |
|                      |                                                                                     | 05-5             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 10         | 18 | 7 | —   |
|                      |                                                                                     | 05-6             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 11         | 20 | 8 | —   |
|                      |                                                                                     | สำหรับแบบ 49, 51 |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |     |
| แบบ 06               |  | 06-0             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 10         | 10 | 3 | 2   |
|                      |                                                                                     | 06-1             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 13         | 13 | 3 | 2.5 |
|                      |                                                                                     | 06-2             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 16         | 16 | 4 | 3   |
|                      |                                                                                     | 06-3             | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 19         | 19 | 5 | 4   |
|                      |                                                                                     | 06-4             | □                   | ▲                   | □                    | ▲                    | □                    | ▲                    | ▲                   | ▲                   | 22         | 22 | 6 | 4   |
|                      |                                                                                     | 06-5             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 25         | 25 | 7 | 5   |
|                      |                                                                                     | 06-6             | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 30         | 30 | 8 | 6   |
| สำหรับแบบ 36, 39, 40 |                                                                                     |                  |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |     |

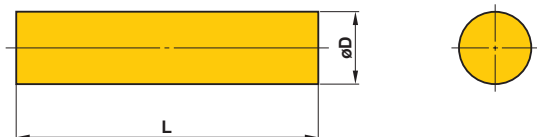
\*( ): วัสดุสำหรับซีเมนต์คาร์ไบด์ทูลส์และการจำแนกประเภทการใช้งาน (ตาม TAS6000)

▲ : มีสต็อกที่ญี่ปุ่น จะมีสินค้าใหม่มาแทน □ : ไม่มีในสต็อก ผลิตตามออเดอร์เท่านั้น  
(มีใบมีด 10 อันในหนึ่งกล่อง)

| แบบ          | รูปทรง                                                                             | รหัสสินค้า | สต็อก               |                     |                      |                      |                      |                      |                     |                     | ขนาด (มม.) |    |   |   |
|--------------|------------------------------------------------------------------------------------|------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|------------|----|---|---|
|              |                                                                                    |            | P                   |                     |                      | M                    | K                    |                      |                     |                     |            |    |   |   |
|              |                                                                                    |            | ST110<br>(HW-P10) * | ST120<br>(HW-P20) * | ST140T<br>(HW-P40) * | UT120T<br>(HW-M20) * | HT103A<br>(HW-K01) * | HT105T<br>(HW-K01) * | HT110<br>(HW-K10) * | HT120<br>(HW-K20) * | A          | B  | C | R |
| แบบ 07       |   | 07-0       | ▲                   | ▲                   | □                    | ▲                    | □                    | ▲                    | ▲                   | □                   | 10         | 10 | 3 | — |
|              |                                                                                    | 07-1       | □                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 13         | 13 | 3 | — |
|              |                                                                                    | 07-2       | □                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 16         | 16 | 4 | — |
|              |                                                                                    | 07-3       | □                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | □                   | 19         | 19 | 5 | — |
|              |                                                                                    | 07-4       | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 25         | 20 | 6 | — |
|              |                                                                                    | 07-5       | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 25         | 22 | 7 | — |
|              |                                                                                    | 07-6       | □                   | □                   | □                    | □                    | □                    | □                    | □                   | □                   | 30         | 25 | 8 | — |
| สำหรับแบบ 35 |   | 08-1       | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 3          | 8  | 3 | — |
|              |                                                                                    | 08-3       | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 4          | 13 | 4 | — |
|              |                                                                                    | 08-4       | ▲                   | ▲                   | ▲                    | ▲                    | ▲                    | ▲                    | ▲                   | ▲                   | 5          | 15 | 5 | — |
|              |                                                                                    | 08-5       | ▲                   | ▲                   | ▲                    | ▲                    | □                    | ▲                    | ▲                   | ▲                   | 6          | 17 | 6 | — |
|              |                                                                                    | 08-6       | ▲                   | ▲                   | □                    | ▲                    | □                    | □                    | ▲                   | ▲                   | 8          | 20 | 8 | — |
|              |                                                                                    |            |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |   |
| สำหรับแบบ 43 |  | 09E1       | ▲                   | ▲                   | □                    | □                    | □                    | □                    | □                   | □                   | 20         | 10 | 7 | — |
|              |                                                                                    |            |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |   |
| แบบ 09E      |                                                                                    |            |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |   |
| สำหรับแบบ 95 |  |            |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |   |
|              |                                                                                    |            |                     |                     |                      |                      |                      |                      |                     |                     |            |    |   |   |

\*( ) : วัสดุสำหรับซีเมนต์คาร์ไบด์ทูลส์และการจำแนกประเภทการใช้งาน (ตาม TAS6000)

## แท่งคาร์ไบด์



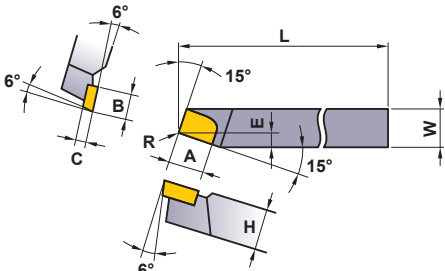
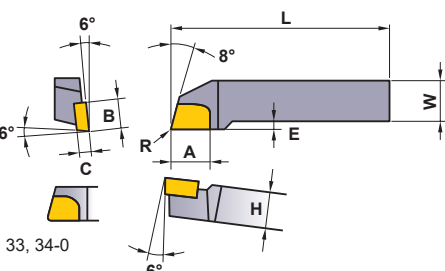
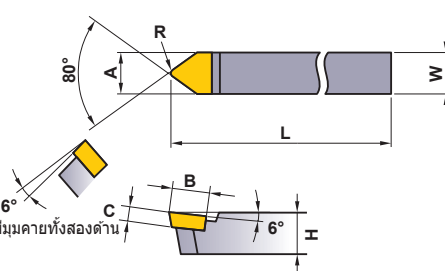
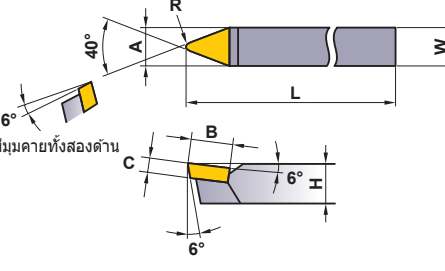
## ชุด LRB

| รหัสสินค้า | สต็อก |      |      | ขนาด (มม.) |     |
|------------|-------|------|------|------------|-----|
|            | HT10  | TF15 | MF10 | D          | L   |
| LRB030     | ▲     | ▲    | ▲    | 3          | 330 |
| LRB040     | ▲     | ▲    | ▲    | 4          | 330 |
| LRB050     | ▲     | ▲    | ▲    | 5          | 330 |
| LRB060     | ▲     | ▲    | ▲    | 6          | 330 |
| LRB070     | ▲     | ▲    | ▲    | 7          | 330 |
| LRB080     | ▲     | ▲    | ▲    | 8          | 330 |
| LRB100     | ▲     | ▲    | ▲    | 10         | 330 |
| LRB120     | ▲     | ▲    | ▲    | 12         | 330 |

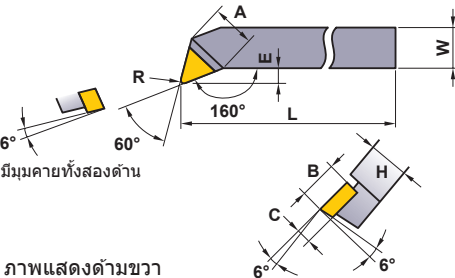
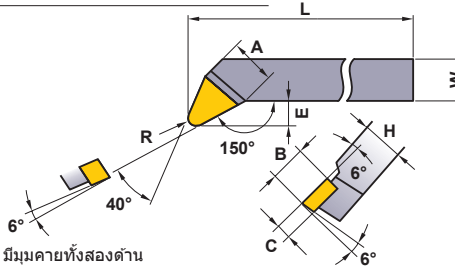
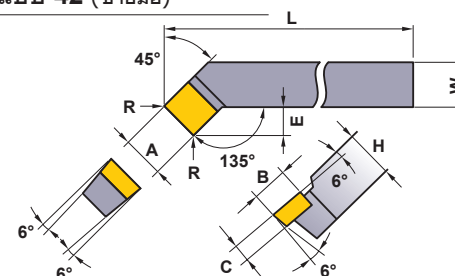
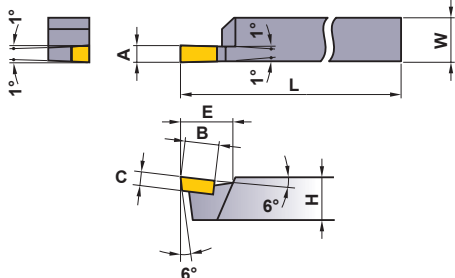
| สัญลักษณ์ | ขนาด (มม.) | ค่าความผิดพลาดที่รับได้ (มม.) |
|-----------|------------|-------------------------------|
| D         | 3—8        | +0.5<br>+0.3                  |
|           | 10—12      | +0.6<br>+0.3                  |

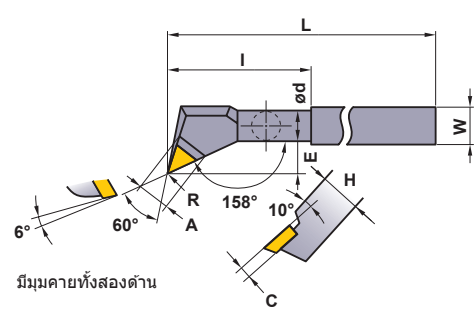
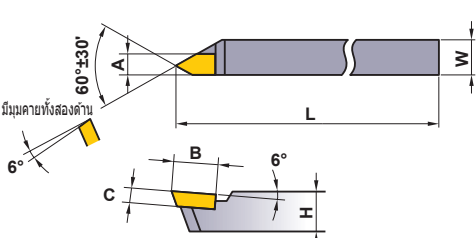
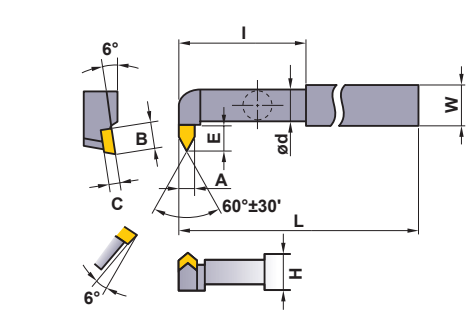
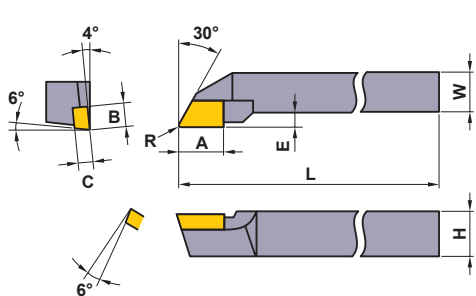
| สัญลักษณ์ | ขนาด (มม.) | ค่าความผิดพลาดที่รับได้ (มม.) | การโค้งงอ (มม.) |
|-----------|------------|-------------------------------|-----------------|
| L         | 330        | +10<br>0                      | 0.3             |

# ด้ามเชื่อม

| รูปทรง                                                                                                                                                              | รหัสสินค้า | R/L | สตัด |      |        |       |        |       |       | ขนาด (มม.) |    |     |     |          |    |   |     | หมายเลขแบบ |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|------|------|--------|-------|--------|-------|-------|------------|----|-----|-----|----------|----|---|-----|------------|
|                                                                                                                                                                     |            |     | P    |      |        | M     | K      |       |       | ก้าน       |    |     |     | คาร์ไบด์ |    |   |     |            |
|                                                                                                                                                                     |            |     | ST10 | ST20 | ST140T | UT20T | HT105T | HT110 | HT120 | W          | H  | L   | E   | A        | B  | C | R   |            |
|                                                                                                                                                                     |            |     |      |      |        |       |        |       |       |            |    |     |     |          |    |   |     |            |
| <div>แบบ 31 (ขวามือ)</div> <div>แบบ 32 (ซ้ายมือ)</div>  <div>ภาพแสดงด้านขวา</div>  | 31-0       | R   |      | ●    |        | ●     |        |       |       | 10         | 10 | 80  | 2.7 | 10       | 6  | 3 | 0.3 | 01-0       |
|                                                                                                                                                                     | 32-0       | L   |      | ●    |        |       |        |       |       | 10         | 10 | 80  | 2.7 | 10       | 6  | 3 | 0.3 | 01-0       |
|                                                                                                                                                                     | 31-1       | R   |      | ●    |        | ●     |        | ●     |       | 13         | 13 | 100 | 4   | 13       | 9  | 3 | 0.5 | 01-1       |
|                                                                                                                                                                     | 32-1       | L   |      | ●    |        | ●     |        | ●     |       | 13         | 13 | 100 | 4   | 13       | 9  | 3 | 0.5 | 01-1       |
|                                                                                                                                                                     | 31-2       | R   |      | ●    |        | ●     |        | ●     |       | 16         | 16 | 120 | 4.5 | 16       | 11 | 4 | 0.5 | 01-2       |
|                                                                                                                                                                     | 32-2       | L   |      | ●    |        | ●     |        | ●     |       | 16         | 16 | 120 | 4.5 | 16       | 11 | 4 | 0.5 | 01-2       |
|                                                                                                                                                                     | 31-3       | R   | ●    | ●    |        | ●     | ●      | ●     | ●     | 19         | 19 | 140 | 5.5 | 19       | 13 | 5 | 0.5 | 01-3       |
|                                                                                                                                                                     | 32-3       | L   |      | ●    |        | ●     |        |       |       | 19         | 19 | 140 | 5.5 | 19       | 13 | 5 | 0.5 | 01-3       |
|                                                                                                                                                                     | 31-4       | R   | ●    | ●    |        | ●     | ●      | ●     |       | 25         | 25 | 160 | 6.5 | 22       | 15 | 6 | 1   | 01-4       |
|                                                                                                                                                                     | 32-4       | L   |      | ●    | ●      | ●     |        | ●     |       | 25         | 25 | 160 | 6.5 | 22       | 15 | 6 | 1   | 01-4       |
| <div>แบบ 33 (ขวามือ)</div> <div>แบบ 34 (ซ้ายมือ)</div>  <div>ภาพแสดงด้านขวา</div> | 33-0       | R   | ●    | ●    |        | ●     | ●      | ●     | ●     | 10         | 10 | 80  | —   | 10       | 6  | 3 | 0.3 | 04-0       |
|                                                                                                                                                                     | 34-0       | L   | ●    | ●    |        | ●     | ●      | ●     | ●     | 10         | 10 | 80  | —   | 10       | 6  | 3 | 0.3 | 04-0       |
|                                                                                                                                                                     | 33-1       | R   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 13         | 13 | 100 | 4   | 13       | 9  | 3 | 0.5 | 04-1       |
|                                                                                                                                                                     | 34-1       | L   | ●    | ●    |        | ●     | ●      | ●     | ●     | 13         | 13 | 100 | 4   | 13       | 9  | 3 | 0.5 | 04-1       |
|                                                                                                                                                                     | 33-2       | R   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 16         | 16 | 120 | 4   | 16       | 11 | 4 | 0.5 | 04-2       |
|                                                                                                                                                                     | 34-2       | L   | ●    | ●    |        | ●     | ●      | ●     | ●     | 16         | 16 | 120 | 4   | 16       | 11 | 4 | 0.5 | 04-2       |
|                                                                                                                                                                     | 33-3       | R   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 19         | 19 | 140 | 5   | 19       | 13 | 5 | 0.5 | 04-3       |
|                                                                                                                                                                     | 34-3       | L   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 19         | 19 | 140 | 5   | 19       | 13 | 5 | 0.5 | 04-3       |
|                                                                                                                                                                     | 33-4       | R   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 25         | 25 | 160 | 5   | 22       | 15 | 6 | 1   | 04-4       |
|                                                                                                                                                                     | 34-4       | L   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 25         | 25 | 160 | 5   | 22       | 15 | 6 | 1   | 04-4       |
|                                                                                                                                                                     | 33-5       | R   |      | ●    |        | ●     |        |       |       | 25         | 30 | 180 | 6   | 25       | 17 | 7 | 1   | 04-5       |
|                                                                                                                                                                     | 34-5       | L   |      | ●    |        |       |        |       |       | 25         | 30 | 180 | 6   | 25       | 17 | 7 | 1   | 04-5       |
|                                                                                                                                                                     | 33-6       | R   |      | ●    |        | ●     |        |       |       | 30         | 35 | 200 | 6   | 30       | 20 | 8 | 1   | 04-6       |
|                                                                                                                                                                     | 34-6       | L   |      | ●    |        | ●     |        |       |       | 30         | 35 | 200 | 6   | 30       | 20 | 8 | 1   | 04-6       |
| <div>แบบ 35</div>  <div>มีมุมคายทั้งสองด้าน</div>                                | 35-0       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 10         | 10 | 80  | —   | 10       | 10 | 3 | 0.3 | 07-0       |
|                                                                                                                                                                     | 35-1       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 13         | 13 | 100 | —   | 13       | 13 | 3 | 0.5 | 07-1       |
|                                                                                                                                                                     | 35-2       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 16         | 16 | 120 | —   | 16       | 16 | 4 | 0.5 | 07-2       |
|                                                                                                                                                                     | 35-3       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 19         | 19 | 140 | —   | 19       | 19 | 5 | 0.5 | 07-3       |
|                                                                                                                                                                     | 35-4       | —   |      | ●    |        | ●     | ●      | ●     |       | 25         | 25 | 160 | —   | 25       | 20 | 6 | 1   | 07-4       |
|                                                                                                                                                                     |            |     |      |      |        |       |        |       |       |            |    |     |     |          |    |   |     |            |
| <div>แบบ 36</div>  <div>มีมุมคายทั้งสองด้าน</div>                                | 36-0       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 10         | 10 | 80  | —   | 10       | 10 | 3 | 2   | 06-0       |
|                                                                                                                                                                     | 36-1       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 13         | 13 | 100 | —   | 13       | 13 | 3 | 2.5 | 06-1       |
|                                                                                                                                                                     | 36-2       | —   | ●    | ●    |        | ●     | ●      | ●     | ●     | 16         | 16 | 120 | —   | 16       | 16 | 4 | 3   | 06-2       |
|                                                                                                                                                                     | 36-3       | —   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 19         | 19 | 140 | —   | 19       | 19 | 5 | 4   | 06-3       |
|                                                                                                                                                                     | 36-4       | —   | ●    | ●    | ●      | ●     | ●      | ●     | ●     | 25         | 25 | 160 | —   | 22       | 22 | 6 | 4   | 06-4       |
|                                                                                                                                                                     | 36-5       | —   |      | ●    |        |       |        | ●     |       | 25         | 30 | 180 | —   | 25       | 25 | 7 | 5   | 06-5       |
|                                                                                                                                                                     | 36-6       | —   |      | ●    |        | ●     | ●      | ●     |       | 30         | 35 | 200 | —   | 30       | 30 | 8 | 6   | 06-6       |
|                                                                                                                                                                     |            |     |      |      |        |       |        |       |       |            |    |     |     |          |    |   |     |            |

# ด้ามเชื่อม

| รูปทรง                                                                                                                                                                                                         | รหัสสินค้า | R/L | สตัด  |       |        |        |        |       |       | ขนาด (มม.) |     |     |    |          |    |   |      | หมายเลขแบบ |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-------|-------|--------|--------|--------|-------|-------|------------|-----|-----|----|----------|----|---|------|------------|
|                                                                                                                                                                                                                |            |     | P     |       |        | M      | K      |       |       | ก้าน       |     |     |    | คาร์ไบด์ |    |   |      |            |
|                                                                                                                                                                                                                |            |     | STi10 | STi20 | STi40T | UTi20T | HTi05T | HTi10 | HTi20 |            |     |     |    |          |    |   |      |            |
|                                                                                                                                                                                                                |            |     | W     | H     | L      | E      | A      | B     | C     | R          |     |     |    |          |    |   |      |            |
| <div>แบบ 37 (ขวามือ)</div> <div>แบบ 38 (ซ้ายมือ)</div> <div></div> <div>มีมุมคายทั้งสองด้าน</div> <div>ภาพแสดงด้ามขวา</div>   | 37-1       | R   | ●     | ●     |        | ●      | ●      | ●     |       | 13         | 13  | 100 | 5  | 12       | —  | 3 | 0.5  | 03-1       |
|                                                                                                                                                                                                                | 38-1       | L   |       | ●     |        |        |        | ●     |       | 13         | 13  | 100 | 5  | 12       | —  | 3 | 0.5  | 03-1       |
|                                                                                                                                                                                                                | 37-2       | R   | ●     | ●     |        | ●      | ●      | ●     |       | 16         | 16  | 120 | 6  | 15       | —  | 4 | 0.5  | 03-2       |
|                                                                                                                                                                                                                | 38-2       | L   |       | ●     |        | ●      |        | ●     |       | 16         | 16  | 120 | 6  | 15       | —  | 4 | 0.5  | 03-2       |
|                                                                                                                                                                                                                | 37-3       | R   | ●     | ●     |        | ●      | ●      | ●     |       | 19         | 19  | 140 | 7  | 18       | —  | 5 | 0.5  | 03-3       |
|                                                                                                                                                                                                                | 38-3       | L   |       | ●     |        | ●      | ●      | ●     | ●     | 19         | 19  | 140 | 7  | 18       | —  | 5 | 0.5  | 03-3       |
|                                                                                                                                                                                                                | 37-4       | R   | ●     | ●     |        | ●      | ●      | ●     |       | 25         | 25  | 160 | 10 | 24       | —  | 6 | 1    | 03-4       |
|                                                                                                                                                                                                                | 38-4       | L   |       | ●     |        |        |        | ●     |       | 25         | 25  | 160 | 10 | 24       | —  | 6 | 1    | 03-4       |
| <div>แบบ 39 (ขวามือ)</div> <div>แบบ 40 (ซ้ายมือ)</div> <div></div> <div>มีมุมคายทั้งสองด้าน</div> <div>ภาพแสดงด้ามขวา</div>  | 39-0       | R   | ●     | ●     |        | ●      | ●      | ●     | ●     | 10         | 10  | 80  | 5  | 10       | 10 | 3 | 2    | 06-0       |
|                                                                                                                                                                                                                | 40-0       | L   |       | ●     |        | ●      | ●      | ●     | ●     | 10         | 10  | 80  | 5  | 10       | 10 | 3 | 2    | 06-0       |
|                                                                                                                                                                                                                | 39-1       | R   | ●     | ●     |        | ●      | ●      | ●     | ●     | 13         | 13  | 100 | 7  | 13       | 13 | 3 | 2.5  | 06-1       |
|                                                                                                                                                                                                                | 40-1       | L   | ●     | ●     |        | ●      | ●      | ●     | ●     | 13         | 13  | 100 | 7  | 13       | 13 | 3 | 2.5  | 06-1       |
|                                                                                                                                                                                                                | 39-2       | R   | ●     | ●     | ●      | ●      | ●      | ●     | ●     | 16         | 16  | 120 | 10 | 16       | 16 | 4 | 3    | 06-2       |
|                                                                                                                                                                                                                | 40-2       | L   | ●     | ●     |        | ●      | ●      | ●     | ●     | 16         | 16  | 120 | 10 | 16       | 16 | 4 | 3    | 06-2       |
|                                                                                                                                                                                                                | 39-3       | R   | ●     | ●     | ●      | ●      | ●      | ●     | ●     | 19         | 19  | 140 | 12 | 19       | 19 | 5 | 4    | 06-3       |
|                                                                                                                                                                                                                | 40-3       | L   | ●     | ●     | ●      | ●      | ●      | ●     | ●     | 19         | 19  | 140 | 12 | 19       | 19 | 5 | 4    | 06-3       |
| 39-4                                                                                                                                                                                                           | R          | ●   | ●     | ●     | ●      | ●      | ●      | ●     | 25    | 25         | 160 | 13  | 22 | 22       | 6  | 4 | 06-4 |            |
| 40-4                                                                                                                                                                                                           | L          |     | ●     |       | ●      | ●      | ●      | ●     | 25    | 25         | 160 | 13  | 22 | 22       | 6  | 4 | 06-4 |            |
| <div>แบบ 41 (ขวามือ)</div> <div>แบบ 42 (ซ้ายมือ)</div> <div></div> <div>มีมุมคายทั้งสองด้าน</div> <div>ภาพแสดงด้ามขวา</div> | 41-0       | R   |       | ●     |        | ●      |        |       |       | 10         | 10  | 80  | 6  | 10       | 6  | 3 | 0.3  | 02-0       |
|                                                                                                                                                                                                                | 41-1       | R   | ●     | ●     |        | ●      |        | ●     | ●     | 13         | 13  | 100 | 7  | 13       | 9  | 3 | 0.5  | 02-1       |
|                                                                                                                                                                                                                | 42-1       | L   |       | ●     |        | ●      |        | ●     |       | 13         | 13  | 100 | 7  | 13       | 9  | 3 | 0.5  | 02-1       |
|                                                                                                                                                                                                                | 41-2       | R   | ●     | ●     |        | ●      | ●      | ●     |       | 16         | 16  | 120 | 10 | 16       | 11 | 4 | 0.5  | 02-2       |
|                                                                                                                                                                                                                | 42-2       | L   |       | ●     |        | ●      |        | ●     |       | 16         | 16  | 120 | 10 | 16       | 11 | 4 | 0.5  | 02-2       |
|                                                                                                                                                                                                                | 41-3       | R   | ●     | ●     |        | ●      | ●      | ●     | ●     | 19         | 19  | 140 | 12 | 19       | 13 | 5 | 0.5  | 02-3       |
|                                                                                                                                                                                                                | 42-3       | L   | ●     | ●     |        | ●      | ●      | ●     |       | 19         | 19  | 140 | 12 | 19       | 13 | 5 | 0.5  | 02-3       |
|                                                                                                                                                                                                                | 41-4       | R   | ●     | ●     |        | ●      | ●      | ●     |       | 25         | 25  | 160 | 13 | 22       | 15 | 6 | 1    | 02-4       |
| 42-4                                                                                                                                                                                                           | L          |     | ●     |       | ●      |        | ●      |       | 25    | 25         | 160 | 13  | 22 | 15       | 6  | 1 | 02-4 |            |
| <div>แบบ 43</div> <div></div>                                                                                               | 43-1       | —   | ●     | ●     |        | ●      | ●      | ●     | ●     | 10         | 16  | 100 | 13 | 3        | 8  | 3 | —    | 08-1       |
|                                                                                                                                                                                                                | 43-2       | —   | ●     | ●     |        | ●      | ●      | ●     | ●     | 13         | 19  | 120 | 16 | 3        | 8  | 3 | —    | 08-1       |
|                                                                                                                                                                                                                | 43-3       | —   | ●     | ●     | ●      | ●      | ●      | ●     | ●     | 16         | 22  | 140 | 20 | 4        | 13 | 4 | —    | 08-3       |
|                                                                                                                                                                                                                | 43-4       | —   | ●     | ●     |        | ●      | ●      | ●     | ●     | 19         | 25  | 160 | 25 | 5        | 15 | 5 | —    | 08-4       |
|                                                                                                                                                                                                                | 43-5       | —   |       | ●     |        | ●      |        |       |       | 22         | 32  | 180 | 30 | 6        | 17 | 6 | —    | 08-5       |
|                                                                                                                                                                                                                |            |     |       |       |        |        |        |       |       |            |     |     |    |          |    |   |      |            |

| รูปทรง                                                                                                     | รหัสสินค้า | R/L | สตีลค |      |        |        |       | ขนาด (มม.) |    |     |    |    |     |          |    |   |     | หมายเลขแบบลด |
|------------------------------------------------------------------------------------------------------------|------------|-----|-------|------|--------|--------|-------|------------|----|-----|----|----|-----|----------|----|---|-----|--------------|
|                                                                                                            |            |     | P     |      | M      | K      |       | ก้าน       |    |     |    |    |     | คาร์ไบด์ |    |   |     |              |
|                                                                                                            |            |     | ST10  | ST20 | UT120T | HT105T | HT110 | W          | H  | L   | d  | E  | I   | A        | B  | C | R   |              |
|                                                                                                            |            |     |       |      |        |        |       |            |    |     |    |    |     |          |    |   |     |              |
| <br>มีมุมคายทั้งสองด้าน   | 47-1       | R   | ●     | ●    | ●      | ●      | ●     | 13         | 13 | 140 | 12 | 7  | 50  | 10       | —  | 3 | 0.5 | 03-0         |
|                                                                                                            | 47-2       | R   | ●     | ●    | ●      | ●      | ●     | 16         | 16 | 160 | 15 | 8  | 60  | 12       | —  | 3 | 0.5 | 03-1         |
|                                                                                                            | 47-3       | R   | ●     | ●    | ●      | ●      | ●     | 19         | 19 | 190 | 18 | 9  | 80  | 15       | —  | 4 | 0.5 | 03-2         |
|                                                                                                            | 47-4       | R   |       | ●    | ●      |        |       | 25         | 25 | 230 | 22 | 10 | 100 | 18       | —  | 5 | 1   | 03-3         |
|                                                                                                            |            |     |       |      |        |        |       |            |    |     |    |    |     |          |    |   |     |              |
| <br>มีมุมคายทั้งสองด้าน  | 49-1       | R   |       |      | ●      |        |       | 13         | 13 | 100 | —  | —  | —   | 5        | 8  | 3 | —   | 05-1         |
|                                                                                                            | 49-2       | R   | ●     | ●    | ●      |        | ●     | 16         | 16 | 120 | —  | —  | —   | 6        | 10 | 4 | —   | 05-2         |
|                                                                                                            | 49-3       | R   | ●     | ●    | ●      | ●      |       | 19         | 19 | 140 | —  | —  | —   | 7        | 12 | 5 | —   | 05-3         |
|                                                                                                            | 49-4       | R   | ●     | ●    | ●      |        |       | 25         | 25 | 160 | —  | —  | —   | 9        | 16 | 6 | —   | 05-4         |
|                                                                                                            |            |     |       |      |        |        |       |            |    |     |    |    |     |          |    |   |     |              |
| <br>มีมุมคายทั้งสองด้าน | 51-1       | R   |       | ●    | ●      |        |       | 13         | 13 | 140 | 12 | 8  | 50  | 5        | 8  | 3 | —   | 05-1         |
|                                                                                                            | 51-2       | R   |       | ●    | ●      |        |       | 16         | 16 | 160 | 15 | 10 | 60  | 6        | 10 | 4 | —   | 05-2         |
|                                                                                                            | 51-3       | R   |       | ●    | ●      |        |       | 19         | 19 | 190 | 18 | 12 | 80  | 7        | 12 | 5 | —   | 05-3         |
|                                                                                                            |            |     |       |      |        |        |       |            |    |     |    |    |     |          |    |   |     |              |
| <br>มีมุมคายทั้งสองด้าน | 95-1       | R   | ●     | ●    |        |        |       | 25         | 25 | 160 | —  | 5  | —   | 20       | 10 | 7 | 1   | 09E1         |
|                                                                                                            |            |     |       |      |        |        |       |            |    |     |    |    |     |          |    |   |     |              |