

# TOOTH SELECTION

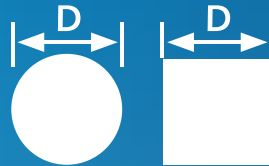
## FOR METAL CUTTING BANDSAW BLADES



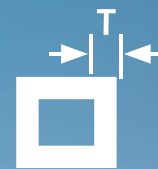
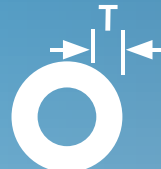
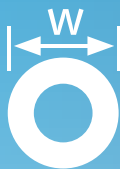
EXCISION NORMAL TOOTH



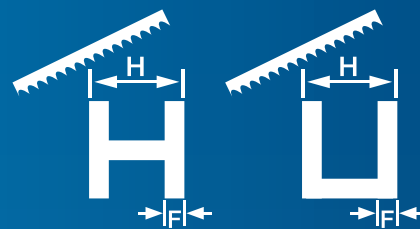
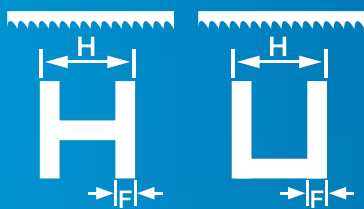
EXCISION PROFILE TOOTH



| SOLIDS                   |                |                                      |                |
|--------------------------|----------------|--------------------------------------|----------------|
| Vari-Pitch Tooth         |                | TCT toothing (Materials over 50 HRc) |                |
| Material Diameter (D) mm | Teeth Per Inch | Material Diameter (D) mm             | Teeth Per Inch |
| 0-5                      | 18             | 50-120                               | 3/4            |
| 4-8                      | 14             | 100-250                              | 2/3            |
| 2-15                     | 10/14          | 150-400                              | 1.5/2          |
| 8-20                     | 8/12           | 350-600                              | 1.1/1.6        |
| 16-30                    | 6/10           | 500+                                 | 0.85/1.15      |
| 25-40                    | 5/8            |                                      |                |
| 35-70                    | 4/6            |                                      |                |
| 60-120                   | 3/4            |                                      |                |
| 80-200                   | 2/3            |                                      |                |
| 120-400                  | 1.5/2          |                                      |                |
| 250+                     | 1.1/1.6        |                                      |                |
| 400+                     | 0.75/1.25      |                                      |                |



| TUBES AND RHS     |                    |       |       |       |      |      |      |     |     |     |     |     |     |     |     |     |
|-------------------|--------------------|-------|-------|-------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tube Width (W) mm | Wall Thickness (T) |       |       |       |      |      |      |     |     |     |     |     |     |     |     |     |
|                   | 1                  | 1.6   | 2     | 2.5   | 3    | 4    | 5    | 6   | 7   | 8   | 9   | 10  | 12  | 15  | 20  | 50  |
| 10                | 14                 | 10/14 | 10/14 |       |      |      |      |     |     |     |     |     |     |     |     |     |
| 20                | 14                 | 10/14 | 10/14 | 10/14 | 8/12 |      |      |     |     |     |     |     |     |     |     |     |
| 25                | 14                 | 10/14 | 10/14 | 10/14 | 8/12 | 8/12 |      |     |     |     |     |     |     |     |     |     |
| 30                | 14                 | 10/14 | 10/14 | 10/14 | 8/12 | 8/12 | 6/10 |     |     |     |     |     |     |     |     |     |
| 40                | 14                 | 10/14 | 10/14 | 10/14 | 8/12 | 8/12 | 6/10 | 5/8 | 5/8 | 5/8 |     |     |     |     |     |     |
| 50                | 14                 | 10/14 | 10/14 | 8/12  | 8/12 | 6/10 | 6/10 | 5/8 | 5/8 | 5/8 |     |     |     |     |     |     |
| 60-120            | 14                 | 10/14 | 10/14 | 8/12  | 8/12 | 6/10 | 6/10 | 5/8 | 5/8 | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 |     |
| 130-150           |                    | 10/14 | 10/14 | 8/12  | 8/12 | 6/10 | 6/10 | 5/8 | 5/8 | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 |
| 150-180           |                    |       | 10/14 | 8/12  | 6/10 | 6/10 | 5/8  | 4/6 | 4/6 | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 |
| 190-300           |                    |       |       |       | 6/10 | 6/10 | 5/8  | 4/6 | 4/6 | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 2/3 |
| 350-400           |                    |       |       |       |      |      |      |     |     | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 3/4 | 2/3 |
| 450-500           |                    |       |       |       |      |      |      |     |     | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 3/4 | 2/3 |

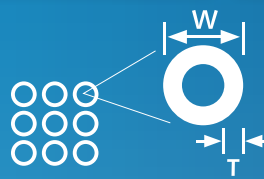
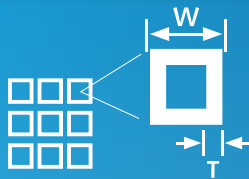


### UNIVERSAL BEAM – 0° SAW ANGLE

| Beam Size<br>(H) | Wall Thickness (F) |     |     |     |     |       |       |       |
|------------------|--------------------|-----|-----|-----|-----|-------|-------|-------|
|                  | 7                  | 8   | 9   | 10  | 12  | 14    | 16    | 20    |
| 150              | 5/8                | 4/6 | 4/6 |     |     |       |       |       |
| 180              |                    | 4/6 | 4/6 | 4/6 |     |       |       |       |
| 200              |                    | 3/4 | 3/4 | 3/4 |     |       |       |       |
| 250              |                    |     | 3/4 | 3/4 | 3/4 |       |       |       |
| 310              |                    |     | 2/3 | 2/3 | 2/3 |       |       |       |
| 360              |                    |     |     | 2/3 | 2/3 | 2/3   |       |       |
| 410              |                    |     |     | 2/3 | 2/3 | 2/3   |       |       |
| 460              |                    |     |     |     | 2/3 | 2/3   | 2/3   |       |
| 530              |                    |     |     |     | 2/3 | 2/3   | 2/3   |       |
| 610              |                    |     |     |     |     | 1.5/2 | 1.5/2 | 1.5/2 |

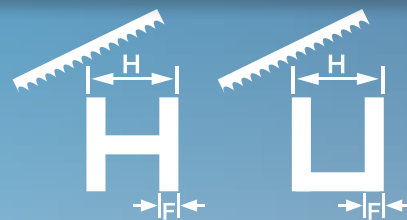
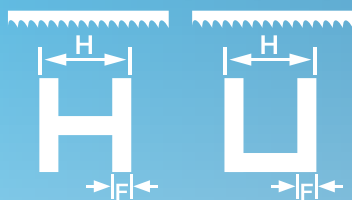
### UNIVERSAL BEAM – 5° SAW ANGLE

| Beam Size<br>(H) | Wall Thickness (F) |      |      |      |     |     |     |     |
|------------------|--------------------|------|------|------|-----|-----|-----|-----|
|                  | 7                  | 8    | 9    | 10   | 12  | 14  | 16  | 20  |
| 150              | 6/10               | 6/10 | 6/10 |      |     |     |     |     |
| 180              |                    | 6/10 | 6/10 | 6/10 |     |     |     |     |
| 200              |                    | 4/6  | 4/6  | 4/6  |     |     |     |     |
| 250              |                    |      | 4/6  | 4/6  | 4/6 |     |     |     |
| 310              |                    |      | 4/6  | 4/6  | 4/6 |     |     |     |
| 360              |                    |      |      | 4/6  | 4/6 | 4/6 |     |     |
| 410              |                    |      |      | 4/6  | 4/6 | 4/6 |     |     |
| 460              |                    |      |      |      | 4/6 | 4/6 | 4/6 |     |
| 530              |                    |      |      |      | 4/6 | 4/6 | 4/6 |     |
| 610              |                    |      |      |      |     | 3/4 | 3/4 | 3/4 |



### BUNDLE CUT TUBES AND RHS

| Tube Width<br>(W) mm | Wall Thickness (T) |      |      |      |      |      |     |     |     |     |     |     |     |     |     |       |
|----------------------|--------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|                      | 1                  | 1.6  | 2    | 2.5  | 3    | 4    | 5   | 6   | 7   | 8   | 9   | 10  | 12  | 15  | 20  | 50    |
| 10                   | 14                 | 8/11 | 8/11 |      |      |      |     |     |     |     |     |     |     |     |     |       |
| 20                   | 14                 | 8/11 | 8/11 | 8/11 | 8/11 |      |     |     |     |     |     |     |     |     |     |       |
| 25                   | 14                 | 8/11 | 8/11 | 8/11 | 8/11 | 8/11 |     |     |     |     |     |     |     |     |     |       |
| 30                   | 14                 | 8/11 | 8/11 | 8/11 | 8/11 | 8/11 | 5/7 | 5/7 |     |     |     |     |     |     |     |       |
| 40                   |                    | 8/11 | 8/11 | 8/11 | 8/11 | 5/7  | 5/7 | 5/7 | 4/6 | 4/6 |     |     |     |     |     |       |
| 50                   |                    | 8/11 | 8/11 | 8/11 | 5/7  | 5/7  | 5/7 | 5/7 | 4/6 | 4/6 |     |     |     |     |     |       |
| 60-120               |                    | 8/11 | 8/11 | 8/11 | 5/7  | 5/7  | 5/7 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |       |
| 130-150              |                    | 8/11 | 8/11 | 8/11 | 5/7  | 5/7  | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 3/4 | 2/3 | 2/3   |
| 150-180              |                    |      | 8/11 | 8/11 | 5/7  | 5/7  | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 3/4 | 2/3 | 2/3   |
| 190-300              |                    |      |      |      | 5/7  | 5/7  | 4/6 | 4/6 | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 3/4 | 2/3 | 2/3   |
| 350-400              |                    |      |      |      |      |      |     |     | 4/6 | 4/6 | 3/4 | 3/4 | 3/4 | 2/3 | 2/3 | 1.5/2 |
| 450-500              |                    |      |      |      |      |      |     |     |     | 3/4 | 3/4 | 3/4 | 2/3 | 2/3 | 2/3 | 1.5/2 |



### UNIVERSAL BEAM – 0° SAW ANGLE

| Beam Size<br>(H) | Wall Thickness (F) |     |     |     |       |       |       |       |
|------------------|--------------------|-----|-----|-----|-------|-------|-------|-------|
|                  | 7                  | 8   | 9   | 10  | 12    | 14    | 16    | 20    |
| 150              | 4/6                | 4/6 | 4/6 |     |       |       |       |       |
| 180              |                    | 3/4 | 3/4 | 3/4 |       |       |       |       |
| 200              |                    | 3/4 | 3/4 | 3/4 |       |       |       |       |
| 250              |                    |     | 2/3 | 2/3 | 2/3   |       |       |       |
| 310              |                    |     | 2/3 | 2/3 | 2/3   |       |       |       |
| 360              |                    |     |     | 2/3 | 2/3   | 2/3   |       |       |
| 410              |                    |     |     | 2/3 | 2/3   | 2/3   |       |       |
| 460              |                    |     |     |     | 2/3   | 2/3   | 2/3   |       |
| 530              |                    |     |     |     | 1.5/2 | 1.5/2 | 1.5/2 |       |
| 610              |                    |     |     |     |       | 1.5/2 | 1.5/2 | 1.5/2 |

### UNIVERSAL BEAM – 5° SAW ANGLE

| Beam Size<br>(H) | Wall Thickness (F) |     |     |     |     |     |     |     |
|------------------|--------------------|-----|-----|-----|-----|-----|-----|-----|
|                  | 7                  | 8   | 9   | 10  | 12  | 14  | 16  | 20  |
| 150              | 5/7                | 5/7 | 5/7 |     |     |     |     |     |
| 180              |                    | 5/7 | 5/7 | 5/7 |     |     |     |     |
| 200              |                    | 4/6 | 4/6 | 4/6 |     |     |     |     |
| 250              |                    |     | 4/6 | 4/6 | 4/6 |     |     |     |
| 310              |                    |     | 4/6 | 4/6 | 4/6 |     |     |     |
| 360              |                    |     |     | 4/6 | 4/6 | 4/6 |     |     |
| 410              |                    |     |     | 4/6 | 4/6 | 4/6 |     |     |
| 460              |                    |     |     |     | 4/6 | 4/6 | 4/6 |     |
| 530              |                    |     |     |     | 4/6 | 4/6 | 4/6 |     |
| 610              |                    |     |     |     |     | 3/4 | 3/4 | 3/4 |