



# POWER HACK SAW BLADES

Ko-Bi

HSS Bi-Metal, Standard tooth; 0° rake angle

| Ref.            | Dimension l-wt mm | Kasto | Weight g | Dimension l-wt Inch | Hole | Teeth per inch |   |   |   |    |    |    |    | Euro/piece |       |
|-----------------|-------------------|-------|----------|---------------------|------|----------------|---|---|---|----|----|----|----|------------|-------|
|                 |                   |       |          |                     |      | 3              | 4 | 6 | 8 | 10 | 14 | 18 | 24 |            |       |
| FKo-Bi.12-25N   | 300 x 25 x 1.25   |       | 81       | 12 x 1 x 0.050      | 8.5  |                | x |   | x | x  |    |    |    |            | 10.50 |
| FKo-Bi.12-32N   | 300 x 32 x 1.60   |       | 134      | 12 x 1.1/4 x 0.062  | 8.5  |                | x | x | x | x  | x  |    |    |            | 13.25 |
| FKo-Bi.14-25N   | 350 x 25 x 1.25   |       | 94       | 14 x 1 x 0.050      | 8.5  |                |   | x |   | x  | x  |    | x  |            | 11.85 |
| FKo-Bi.14-32N   | 350 x 32 x 1.60   |       | 154      | 14 x 1.1/4 x 0.062  | 8.5  |                | x | x | x | x  | x  | x  |    |            | 15.25 |
| FKo-Bi.16-32N   | 400 x 32 x 1.60   |       | 174      | 16 x 1.1/4 x 0.062  | 8.5  |                | x | x | x | x  | x  | x  |    |            | 17.29 |
| FKo-Bi.16-38N.K | 400 x 38 x 2.00   | Kasto | 259      | 16 x 1.1/2 x 0.075  |      |                | x | x | x | x  | x  |    |    |            | 25.35 |
| FKo-Bi.16-38N   | 400 x 38 x 2.00   |       | 259      | 16 x 1.1/2 x 0.075  | 8.5  |                | x | x | x | x  | x  |    |    |            | 25.35 |
| FKo-Bi.18-32N   | 450 x 32 x 1.80   |       | 197      | 18 x 1.1/4 x 0.075  | 8.5  |                | x | x | x | x  | x  |    |    |            | 19.90 |
| FKo-Bi.18-38N.K | 450 x 38 x 2.00   | Kasto | 293      | 18 x 1.1/2 x 0.075  |      |                | x | x | x | x  | x  |    |    |            | 27.35 |
| FKo-Bi.18-38N   | 450 x 38 x 2.00   |       | 293      | 18 x 1.1/2 x 0.075  | 10.5 |                | x | x | x | x  | x  |    |    |            | 27.35 |
| FKo-Bi.20-38N.K | 500 x 38 x 2.00   | Kasto | 325      | 20 x 1.1/2 x 0.075  |      |                |   | x |   |    | x  |    |    |            | 30.50 |
| FKo-Bi.20-50N   | 500 x 50 x 2.50   |       | 534      | 20 x 2 x 0.100      | 10.5 |                | x | x | x | x  |    |    |    |            | 48.95 |
| FKo-Bi.20-50N.K | 500 x 50 x 2.50   | Kasto | 534      | 20 x 2 x 0.100      |      |                | x | x | x | x  |    |    |    |            | 48.95 |
| FKo-Bi.22-50N   | 550 x 50 x 2.50   |       | 586      | 22 x 2 x 0.100      | 10.5 |                |   |   | x | x  |    |    |    |            | 52.55 |
| FKo-Bi.22-50N.K | 550 x 50 x 2.50   | Kasto | 586      | 22 x 2 x 0.100      |      |                | x | x | x | x  |    |    |    |            | 52.55 |
| FKo-Bi.23-50N.K | 575 x 50 x 2.50   | Kasto | 611      | 23 x 2 x 0.100      |      |                | x | x | x | x  |    |    |    |            | 54.60 |
| FKo-Bi.24-50N   | 600 x 50 x 2.50   |       | 636      | 24 x 2 x 0.100      | 13.0 |                | x | x | x | x  |    |    |    |            | 56.85 |
| FKo-Bi.24-50.1N | 600 x 50 x 2.50   |       | 636      | 24 x 2 x 0.100      | 10.5 |                | x | x | x |    |    |    |    |            | 56.85 |
| FKo-Bi.24-50N.K | 600 x 50 x 2.50   | Kasto | 636      | 24 x 2 x 0.100      |      |                | x | x | x | x  |    |    |    |            | 56.85 |
| FKo-Bi.26-50N   | 650 x 50 x 2.50   |       | 690      | 26 x 2 x 0.100      | 13.0 |                | x | x | x | x  |    |    |    |            | 61.25 |
| FKo-Bi.26-50N.K | 650 x 50 x 2.50   | Kasto | 690      | 26 x 2 x 0.100      | 10.5 |                | x | x | x | x  |    |    |    |            | 61.25 |
| FKo-Bi.28-50N   | 700 x 50 x 2.50   |       | 742      | 28 x 2 x 0.100      | 13.0 |                | x | x | x | x  |    |    |    |            | 65.50 |
| FKo-Bi.28-50N.K | 700 x 50 x 2.50   | Kasto | 742      | 28 x 2 x 0.100      |      |                | x | x | x | x  |    |    |    |            | 65.50 |

Kasto = Sawblades with offset clamping holes.

Manufactured from high-speed steel, electron beam welded to a spring back, these bimetal blades are able to withstand heavy feed pressures, giving economical, high cutting rates.

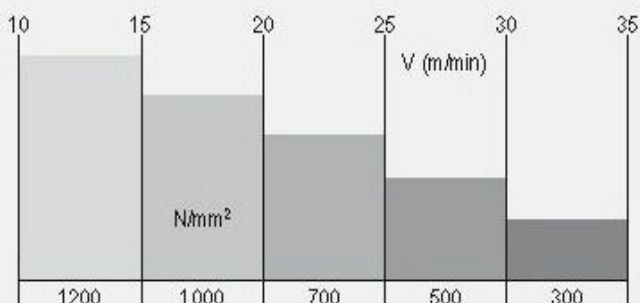
Because these blades are virtually unbreakable in normal use, they are particularly safe and therefore suitable for use by unskilled operators or on older machines.

They will cut through most types of material including alloy and stainless steels.

Other dimensions are also available.

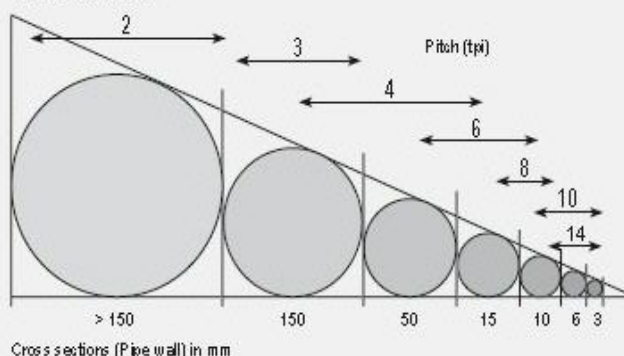


Cutting Speed



Material toughness

Range of applications



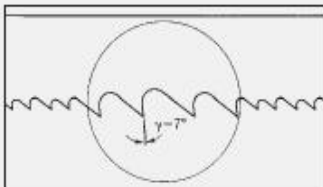
Cross sections (Pipe wall) in mm

# Ko-Bi-VP7

## HSS Bi-Metal, variable tooth spacing 7° positive

| Ref.                 | Dimension l-w-t<br>mm | Kasto | Weight<br>g | Dimension l-w-t<br>Inch | Hole | Teeth per inch |       |     |      |      |       | Euro/piece |
|----------------------|-----------------------|-------|-------------|-------------------------|------|----------------|-------|-----|------|------|-------|------------|
|                      |                       |       |             |                         |      | 2 3/8          | 3 1/4 | 4/7 | 6/10 | 8/11 | 12/16 |            |
| F.Ko-Bi-VP7.12-25N   | 300 x 25 x 1.25       |       | 81          | 12 x 1 x 0.050          | 8.5  |                |       |     |      | x    | x     | 11.55      |
| F.Ko-Bi-VP7.12-32N   | 300 x 32 x 1.60       |       | 134         | 12 x 1.1/4 x 0.062      | 8.5  |                | x     |     |      | x    | x     | 14.58      |
| F.Ko-Bi-VP7.14-25N   | 350 x 25 x 1.25       |       | 94          | 14 x 1 x 0.050          | 8.5  |                |       |     |      | x    | x     | 12.82      |
| F.Ko-Bi-VP7.14-32N   | 350 x 32 x 1.60       |       | 154         | 14 x 1.1/4 x 0.062      | 8.5  |                |       | x   | x    | x    | x     | 16.78      |
| F.Ko-Bi-VP7.16-32N   | 400 x 32 x 1.60       |       | 174         | 16 x 1.1/4 x 0.062      | 8.5  |                | x     | x   | x    | x    | x     | 19.02      |
| F.Ko-Bi-VP7.16-38NK  | 400 x 38 x 2.00       | Kasto | 259         | 16 x 1.1/2 x 0.075      |      |                | x     | x   | x    | x    | x     | 27.89      |
| F.Ko-Bi-VP7.16-38N   | 400 x 38 x 2.00       |       | 259         | 16 x 1.1/2 x 0.075      | 8.5  |                | x     | x   |      | x    |       | 27.89      |
| F.Ko-Bi-VP7.18-32N   | 450 x 32 x 1.60       |       | 197         | 18 x 1.1/4 x 0.075      | 8.5  |                |       | x   | x    | x    |       | 21.89      |
| F.Ko-Bi-VP7.18-38NK  | 450 x 38 x 2.00       | Kasto | 293         | 18 x 1.1/2 x 0.075      |      |                | x     | x   | x    | x    | x     | 30.09      |
| F.Ko-Bi-VP7.18-38N   | 450 x 38 x 2.00       |       | 293         | 18 x 1.1/2 x 0.075      | 10.5 |                | x     | x   | x    | x    |       | 30.09      |
| F.Ko-Bi-VP7.20-38NK  | 500 x 38 x 2.00       | Kasto | 325         | 20 x 1.1/2 x 0.075      |      |                | x     | x   |      |      |       | 33.55      |
| F.Ko-Bi-VP7.20-50N   | 500 x 50 x 2.50       |       | 534         | 20 x 2 x 0.100          | 10.5 |                | x     | x   |      |      |       | 53.85      |
| F.Ko-Bi-VP7.20-50NK  | 500 x 50 x 2.50       | Kasto | 534         | 20 x 2 x 0.100          |      |                | x     | x   |      |      |       | 53.85      |
| F.Ko-Bi-VP7.22-50N   | 550 x 50 x 2.50       |       | 586         | 22 x 2 x 0.100          | 10.5 |                |       | x   |      |      |       | 57.81      |
| F.Ko-Bi-VP7.22-50NK  | 550 x 50 x 2.50       | Kasto | 586         | 22 x 2 x 0.100          |      |                | x     | x   | x    |      |       | 57.81      |
| F.Ko-Bi-VP7.23-50NK  | 575 x 50 x 2.50       | Kasto | 611         | 23 x 2 x 0.100          |      | x              | x     | x   |      |      |       | 60.06      |
| F.Ko-Bi-VP7.24-50N   | 600 x 50 x 2.50       |       | 636         | 24 x 2 x 0.100          | 13.0 |                | x     | x   |      |      |       | 62.54      |
| F.Ko-Bi-VP7.24-50.1N | 600 x 50 x 2.50       |       | 636         | 24 x 2 x 0.100          | 10.5 |                | x     | x   |      |      |       | 62.54      |
| F.Ko-Bi-VP7.24-50NK  | 600 x 50 x 2.50       | Kasto | 636         | 24 x 2 x 0.100          |      |                | x     | x   |      |      |       | 62.54      |
| F.Ko-Bi-VP7.26-50N   | 650 x 50 x 2.50       |       | 690         | 26 x 2 x 0.100          | 13.0 |                | x     | x   |      |      |       | 67.38      |
| F.Ko-Bi-VP7.26-50NK  | 650 x 50 x 2.50       | Kasto | 690         | 26 x 2 x 0.100          | 10.5 |                | x     | x   |      |      |       | 67.38      |
| F.Ko-Bi-VP7.28-50N   | 700 x 50 x 2.50       |       | 742         | 28 x 2 x 0.100          | 13.0 | x              | x     | x   |      |      |       | 72.05      |
| F.Ko-Bi-VP7.28-50NK  | 700 x 50 x 2.50       | Kasto | 742         | 28 x 2 x 0.100          |      | x              | x     | x   | x    |      |       | 72.05      |

Kasto = Saw blades with offset clamping holes.



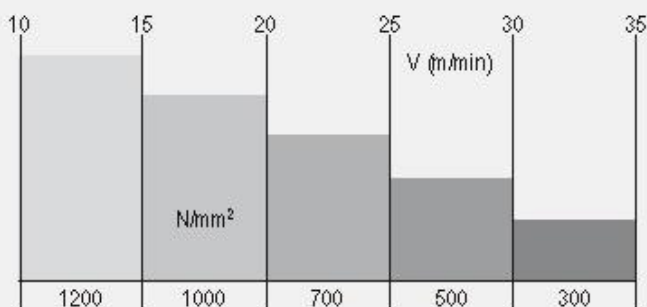
For stainless steels and other tough materials which produce long chips.

Manufactured from high-speed steel, electron beam welded to a spring back, these bimetal blades are able to withstand heavy feed pressures, giving economical, high cutting rates.

- virtually unbreakable in normal use.
- Variable tooth spacing reduces vibration and the blade lives longer.
- Optimum tooth geometry with variable spacing ensures a clean low-vibration cut at minimum noise level.
- Pilot teeth produce a straight cut. Variable tooth spacing means that the saw blades need to be changed less frequently as a result of the large range of applications.

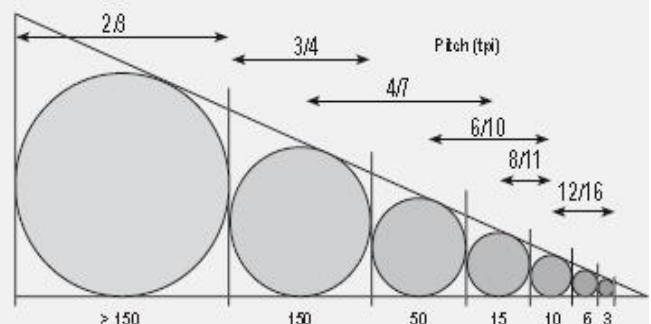
Other dimensions are also available.

Cutting Speed



Material toughness

Range of applications



Cross sections (Pipe wall) in mm

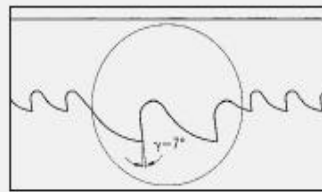
| Ref.             | Dimension l-w-t<br>mm | Kasto | Weight<br>g | Dimension l-w-t<br>Inch | Hole | Teeth per inch |   |   |   |   |    |    |    | Euro/<br>Piece |        |
|------------------|-----------------------|-------|-------------|-------------------------|------|----------------|---|---|---|---|----|----|----|----------------|--------|
|                  |                       |       |             |                         |      | 2              | 3 | 4 | 6 | 8 | 10 | 14 | 16 |                | 24     |
| FSB-5.12-25N     | 300 x 25 x 1.25       |       | 81          | 12 x 1 x 0.05           | 8.5  |                |   |   | x | x | x  | x  | x  | x              | 10.50  |
| FSB-5.12-25.1N   | 300 x 25 x 1.50       |       | 97          | 12 x 1 x 0.062          | 8.5  |                |   |   | x | x | x  | x  | x  | x              | 12.20  |
| FSB-5.12-30N     | 300 x 30 x 1.50       |       | 117         | 12 x 1.14 x 0.062       | 8.5  |                |   |   | x | x | x  | x  | x  |                | 13.90  |
| FSB-5.12-30.1N   | 300 x 30 x 2.00       |       | 156         | 12 x 1.14 x 0.075       | 8.5  |                |   | x | x | x | x  | x  |    |                | 16.95  |
| FSB-5.14-25N     | 350 x 25 x 1.25       |       | 94          | 14 x 1 x 0.05           | 8.5  |                |   |   | x | x | x  | x  |    |                | 11.65  |
| FSB-5.14-25.1N   | 350 x 25 x 1.50       |       | 113         | 14 x 1 x 0.062          | 8.5  |                |   |   | x | x | x  | x  | x  |                | 13.60  |
| FSB-5.14-30N     | 350 x 30 x 1.50       |       | 135         | 14 x 1.14 x 0.062       | 8.5  |                |   |   | x | x | x  | x  | x  |                | 15.50  |
| FSB-5.14-30.1N   | 350 x 30 x 2.00       |       | 180         | 14 x 1.316 x 0.075      | 8.5  |                |   | x | x | x | x  | x  |    |                | 18.90  |
| FSB-5.14-32N     | 350 x 32 x 2.00       |       | 193         | 14 x 1.14 x 0.075       | 8.5  |                |   | x | x | x | x  | x  |    |                | 19.95  |
| FSB-5.14-35N     | 350 x 35 x 2.00       |       | 211         | 14 x 1.616 x 0.075      | 8.5  |                | x | x | x | x | x  | x  |    |                | 21.40  |
| FSB-5.14-35NK    | 350 x 36 x 2.00       |       | 217         | 14 x 1.382 x 0.075      | 8.5  |                | x | x | x | x | x  | x  |    |                | 21.90  |
| FSB-5.16-25N     | 400 x 25 x 1.25       |       | 107         | 16 x 1 x 0.05           | 8.5  |                |   |   | x | x | x  | x  | x  | x              | 12.80  |
| FSB-5.16-25.1N   | 400 x 25 x 1.50       |       | 128         | 16 x 1 x 0.062          | 8.5  |                |   |   | x | x | x  | x  | x  | x              | 15.90  |
| FSB-5.16-30N     | 400 x 30 x 1.50       |       | 153         | 16 x 1.316 x 0.062      | 8.5  |                |   |   | x | x | x  | x  | x  | x              | 17.05  |
| FSB-5.16-30.1N   | 400 x 30 x 2.00       |       | 204         | 16 x 1.316 x 0.075      | 8.5  |                | x | x | x | x | x  | x  | x  |                | 21.00  |
| FSB-5.16-32N     | 400 x 32 x 1.60       |       | 174         | 16 x 1.14 x 0.062       | 8.5  |                |   |   | x | x | x  |    |    |                | 18.95  |
| FSB-5.16-32.2N   | 400 x 32 x 2.00       |       | 218         | 16 x 1.14 x 0.075       | 8.5  |                |   |   | x | x | x  | x  |    |                | 22.00  |
| FSB-5.16-35N     | 400 x 35 x 2.00       |       | 239         | 16 x 1.616 x 0.075      | 10.5 | x              | x | x | x | x | x  | x  |    |                | 23.80  |
| FSB-5.16-36N     | 400 x 36 x 2.00       |       | 245         | 16 x 1.382 x 0.075      | 8.5  |                |   |   | x | x | x  | x  |    |                | 24.20  |
| FSB-5.16-40N     | 400 x 40 x 2.00       |       | 273         | 16 x 1.12 x 0.075       | 10.5 |                | x | x | x | x | x  | x  |    |                | 26.60  |
| FSB-5.16-40NK    | 400 x 40 x 2.00       | Kasto | 273         | 16 x 1.12 x 0.075       |      |                |   |   | x | x | x  | x  |    |                | 26.60  |
| FSB-5.17-30N     | 425 x 30 x 2.00       |       | 216         | 17 x 1.316 x 0.075      | 8.5  |                |   |   | x | x | x  | x  |    |                | 22.05  |
| FSB-5.18-32N     | 450 x 32 x 1.50       |       | 185         | 18 x 1.14 x 0.075       | 8.5  |                |   |   | x | x | x  |    |    |                | 19.90  |
| FSB-5.18-30.1N   | 450 x 30 x 2.00       |       | 231         | 18 x 1.316 x 0.075      | 10.5 |                |   |   | x | x | x  | x  |    |                | 23.10  |
| FSB-5.18-32.1N   | 450 x 32 x 2.00       |       | 247         | 18 x 1.14 x 0.075       | 8.5  |                |   |   | x | x | x  | x  |    |                | 24.40  |
| FSB-5.18-35N     | 450 x 35 x 2.00       |       | 270         | 18 x 1.616 x 0.075      | 10.5 |                | x | x | x | x | x  | x  |    |                | 26.25  |
| FSB-5.18-36NK    | 450 x 36 x 2.00       | Kasto | 280         | 18 x 1.382 x 0.075      |      |                |   |   | x | x | x  |    |    |                | 27.00  |
| FSB-5.18-38N     | 450 x 38 x 2.00       |       | 293         | 18 x 1.12 x 0.075       | 8.5  |                |   |   | x | x | x  |    |    |                | 27.35  |
| FSB-5.18-40N     | 450 x 40 x 2.00       |       | 308         | 18 x 1.916 x 0.075      | 10.5 | x              | x | x | x | x | x  | x  |    |                | 28.60  |
| FSB-5.18-40NK    | 450 x 40 x 2.00       | Kasto | 308         | 18 x 1.916 x 0.075      |      | x              | x | x | x | x | x  | x  |    |                | 28.60  |
| FSB-5.20-40N     | 500 x 40 x 2.00       |       | 342         | 20 x 1.12 x 0.075       | 10.5 |                |   |   | x | x | x  | x  |    |                | 31.70  |
| FSB-5.20-45N     | 500 x 45 x 2.00       |       | 384         | 20 x 1.34 x 0.075       | 10.5 |                |   |   | x | x | x  | x  |    |                | 35.90  |
| FSB-5.20-48N     | 500 x 48 x 2.50       |       | 513         | 20 x 1.78 x 0.100       | 10.5 |                |   |   | x | x | x  | x  |    |                | 47.40  |
| FSB-5.20-48NK    | 500 x 48 x 2.50       | Kasto | 513         | 20 x 1.78 x 0.100       |      |                |   |   | x | x | x  | x  |    |                | 47.40  |
| FSB-5.20-50N     | 500 x 50 x 2.50       |       | 534         | 20 x 2 x 0.100          | 13.0 |                |   |   | x | x | x  | x  |    |                | 48.95  |
| FSB-5.22-40N     | 550 x 40 x 2.00       |       | 375         | 22 x 1.12 x 0.075       | 10.5 |                |   |   | x | x | x  | x  |    |                | 34.40  |
| FSB-5.22-45N     | 550 x 45 x 2.00       |       | 422         | 22 x 1.78 x 0.075       | 10.5 |                |   |   | x | x | x  | x  | x  |                | 38.05  |
| FSB-5.22-45NK    | 550 x 45 x 2.00       | Kasto | 422         | 22 x 1.78 x 0.075       |      | x              | x | x | x | x | x  |    |    |                | 38.05  |
| FSB-5.22-50N     | 550 x 50 x 2.50       |       | 586         | 22 x 2 x 0.100          | 13.0 |                |   |   | x | x | x  | x  | x  |                | 52.55  |
| FSB-5.23-45N     | 575 x 45 x 2.50       |       | 550         | 23 x 1.78 x 0.100       | 13.0 |                |   |   | x | x | x  | x  | x  |                | 50.05  |
| FSB-5.23-50NK    | 575 x 50 x 2.50       | Kasto | 611         | 23 x 2 x 0.100          |      |                |   |   | x | x | x  | x  | x  |                | 54.60  |
| FSB-5.24-50N     | 600 x 50 x 2.50       |       | 636         | 24 x 1 x 0.100          | 13.0 |                |   |   | x | x | x  | x  | x  | x              | 56.85  |
| FSB-5.24-50NK    | 600 x 50 x 2.50       | Kasto | 636         | 24 x 1 x 0.100          | 10.5 |                |   |   | x | x | x  | x  | x  |                | 56.85  |
| FSB-5.25-60N     | 625 x 60 x 2.50       |       | 800         | 25 x 2.38 x 0.100       | 13.0 |                |   |   | x | x | x  | x  |    |                | 70.35  |
| FSB-5.26-50N     | 650 x 50 x 2.50       |       | 690         | 26 x 2 x 0.100          | 13.0 |                |   |   | x | x | x  | x  |    |                | 61.25  |
| FSB-5.26-50NK    | 650 x 50 x 2.50       | Kasto | 690         | 26 x 2 x 0.100          |      |                |   |   | x | x | x  | x  | x  |                | 61.25  |
| FSB-5.26-55NK    | 650 x 55 x 2.50       | Kasto | 759         | 26 x 2.18 x 0.100       |      |                |   |   | x | x | x  | x  | x  |                | 67.15  |
| FSB-5.28-50N     | 700 x 50 x 2.50       |       | 742         | 28 x 2 x 0.100          | 13.0 |                |   |   | x | x | x  | x  |    |                | 65.50  |
| FSB-5.28-50NK    | 700 x 50 x 2.50       | Kasto | 742         | 28 x 2 x 0.100          |      |                |   |   | x | x | x  | x  |    |                | 65.50  |
| FSB-5.28-55N     | 700 x 55 x 2.50       |       | 816         | 28 x 2.18 x 0.100       | 13.0 |                |   |   | x | x | x  | x  | x  |                | 71.65  |
| FSB-5.28-55NK    | 700 x 55 x 2.50       | Kasto | 816         | 28 x 2.18 x 0.100       |      |                |   |   | x | x | x  | x  | x  |                | 71.65  |
| FSB-5.28-60N     | 700 x 60 x 3.00       |       | 1068        | 28 x 2.38 x 0.120       | 13.0 |                |   |   | x | x | x  | x  |    |                | 92.60  |
| FSB-5.30-60N     | 750 x 60 x 3.00       |       | 1146        | 30 x 2.38 x 0.120       | 13.0 |                |   |   | x | x | x  | x  |    |                | 99.40  |
| FSB-5.32-70N     | 800 x 70 x 3.00       |       | 1428        | 32 x 2.34 x 0.120       | 16.5 |                |   |   | x | x | x  | x  | x  |                | 124.60 |
| FSB-5.34-63NK    | 850 x 63 x 3.50       | Kasto | 1577        | 34 x 2.12 x 0.138       |      |                |   |   | x | x | x  | x  |    |                | 146.20 |
| FSB-5.34-70N     | 850 x 70 x 3.00       |       | 1512        | 34 x 2.34 x 0.120       | 16.5 |                |   |   | x | x | x  | x  |    |                | 139.17 |
| FSB-5.36-70N     | 900 x 70 x 3.00       |       | 1596        | 36 x 2.34 x 0.120       | 16.5 |                |   |   | x | x | x  | x  |    |                | 150.20 |
| FSB-5.38-70N     | 950 x 70 x 3.00       |       | 1697        | 38 x 2.34 x 0.120       | 16.5 |                |   |   | x | x | x  | x  | x  |                | 157.75 |
| FSB-5.40-110NK   | 1000 x 110 x 3.00     | Kasto | 2740        | 40 x 4.18 x 0.120       |      |                |   |   | x | x |    |    |    |                | 250.60 |
| FSB-5.40-126NK   | 1000 x 126 x 3.00     | Kasto | 3139        | 40 x 5 x 0.120          |      |                |   |   | x | x | x  | x  |    |                | 281.50 |
| FSB-5.40-126.1NK | 1000 x 126 x 3.50     | Kasto | 3662        | 40 x 5 x 0.138          |      |                |   |   | x | x | x  | x  |    |                | 328.40 |
| FSB-5.46-110NK   | 1150 x 110 x 3.00     | Kasto | 3142        | 45.982 x 4.18 x 0.12    |      |                |   |   | x |   |    |    |    |                | 287.15 |
| FSB-5.46-144NK   | 1150 x 144 x 3.50     | Kasto | 4796        | 45.932 x 5.23 x 0.138   |      |                |   |   | x | x | x  |    |    |                | 425.00 |
| FSB-5.46-144.1NK | 1160 x 144 x 3.50     | Kasto | 4838        | 45.58 x 5.28 x 0.138    |      |                |   |   | x | x | x  | x  |    |                | 429.25 |

Kasto = Sawblades with offset clamping holes.

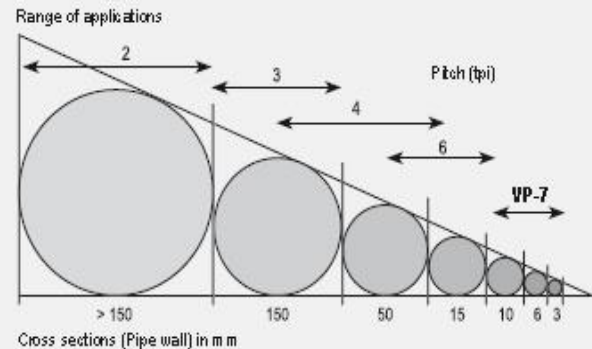
| Ref.       | Dimension l-w-t<br>mm | Kasto | Weight<br>g | Dimension l-w-t<br>Inch | Hole | Teeth per inch |   |   |   | Europiece |
|------------|-----------------------|-------|-------------|-------------------------|------|----------------|---|---|---|-----------|
|            |                       |       |             |                         |      | 2              | 3 | 4 | 6 |           |
| FP7.14-30  | 350 x 30 x 2.00       |       | 180         | 14 x 1.14 x 0.075       | 8.5  |                | x | x |   | 20.32     |
| FP7.14-35  | 350 x 35 x 2.00       |       | 211         | 14 x 1.6/16 x 0.075     | 8.5  |                | x | x | x | 23.54     |
| FP7.16-35  | 400 x 35 x 2.00       |       | 239         | 16 x 1.6/16 x 0.075     | 10.5 |                | x | x | x | 25.59     |
| FP7.16-40  | 400 x 40 x 2.00       |       | 273         | 16 x 1.12 x 0.075       | 10.5 |                |   | x | x | 28.60     |
| FP7.18-35  | 450 x 35 x 2.00       |       | 270         | 18 x 1.6/16 x 0.075     | 10.5 |                | x | x | x | 28.22     |
| FP7.18-40  | 450 x 40 x 2.00       |       | 308         | 18 x 1.12 x 0.075       | 10.5 |                | x | x | x | 30.75     |
| FP7.18-40K | 450 x 40 x 2.00       | Kasto | 308         | 18 x 1.12 x 0.075       |      |                | x | x | x | 30.75     |
| FP7.20-40  | 500 x 40 x 2.00       |       | 342         | 20 x 1.12 x 0.075       | 10.5 |                | x | x | x | 34.08     |
| FP7.23-50K | 575 x 50 x 2.50       | Kasto | 611         | 23 x 2 x 0.100          |      |                | x | x | x | 58.70     |
| FP7.24-50  | 600 x 50 x 2.50       |       | 636         | 24 x 2 x 0.100          | 13.0 |                | x | x | x | 61.11     |
| FP7.26-55K | 650 x 55 x 2.50       | Kasto | 761         | 26 x 2.18 x 0.100       |      |                | x | x | x | 72.19     |
| FP7.28-55K | 700 x 55 x 2.50       | Kasto | 816         | 28 x 2.18 x 0.100       |      |                | x | x | x | 77.02     |

Kasto = Saw blades with offset clamping holes.

- For tough materials and materials which produce long chips.
- Optimum results for cutting structural steels, case hardened steels and tempered steels up to a toughness of about 800 N/mm<sup>2</sup>.
  - HSS-D Mo5-Aisi M2 is filling the space between the universal saw blade and the special saw blade.
  - An addition for stainless steels with a cross section of less than 50 mm or a pipe wall of less than 10 mm with appropriate tooth spacing.



Other dimensions are also available.



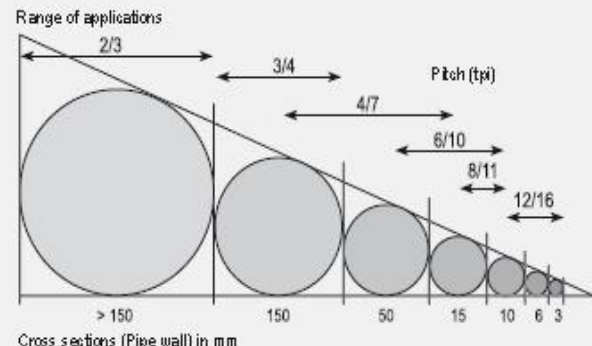
| Ref.         | Dimension l-w-t (mm) | Kasto | Weight g | Dimension l-w-t (inch) | Hole | Teeth per inch |     |     |      | Europiece |
|--------------|----------------------|-------|----------|------------------------|------|----------------|-----|-----|------|-----------|
|              |                      |       |          |                        |      | 2/3            | 3/4 | 4/7 | 6/10 |           |
| F.VP7.12-30  | 300 x 30 x 2.00      |       | 156      | 12 x 1.14 x 0.075      | 8.5  |                | x   | x   | x    | 18.64     |
| F.VP7.14-30  | 350 x 30 x 2.00      |       | 180      | 14 x 1.14 x 0.075      | 8.5  |                | x   | x   | x    | 20.79     |
| F.VP7.14-35  | 350 x 35 x 2.00      |       | 211      | 14 x 1.6/16 x 0.075    | 8.5  |                | x   | x   | x    | 24.09     |
| F.VP7.16-35  | 400 x 35 x 2.00      |       | 239      | 16 x 1.6/16 x 0.075    | 8.5  |                | x   | x   | x    | 26.19     |
| F.VP7.18-35  | 450 x 35 x 2.00      |       | 270      | 18 x 1.6/16 x 0.075    | 10.5 |                | x   | x   | x    | 28.88     |
| F.VP7.18-40  | 450 x 40 x 2.00      |       | 308      | 18 x 1.12 x 0.075      | 10.5 |                | x   | x   | x    | 31.47     |
| F.VP7.18-40K | 450 x 40 x 2.00      | Kasto | 308      | 18 x 1.12 x 0.075      |      |                | x   | x   | x    | 31.47     |
| F.VP7.20-40  | 500 x 40 x 2.00      |       | 342      | 20 x 1.12 x 0.075      | 10.5 |                | x   | x   | x    | 34.87     |
| F.VP7.20-48K | 500 x 48 x 2.50      | Kasto | 513      | 20 x 1.78 x 0.100      |      |                | x   | x   | x    | 52.15     |
| F.VP7.22-50  | 550 x 50 x 2.50      |       | 592      | 22 x 2 x 0.100         | 13.0 |                | x   | x   | x    | 57.80     |
| F.VP7.23-50K | 575 x 50 x 2.50      | Kasto | 611      | 23 x 2 x 0.100         |      |                | x   | x   | x    | 60.07     |
| F.VP7.24-50  | 600 x 50 x 2.50      |       | 636      | 24 x 2 x 0.100         | 13.0 |                | x   | x   | x    | 62.53     |
| F.VP7.24-50K | 600 x 50 x 2.50      | Kasto | 636      | 24 x 2 x 0.100         |      |                | x   | x   | x    | 62.53     |
| F.VP7.28-55K | 700 x 55 x 2.50      | Kasto | 816      | 28 x 2.18 x 0.100      |      |                | x   | x   | x    | 78.81     |
| F.VP7.34-63K | 850 x 63 x 3.50      | Kasto | 1577     | 34 x 2.12 x 0.138      |      |                | x   | x   |      | 160.83    |

Kasto = Saw blades with offset clamping holes.

Other dimensions are also available.

- For quality cutting with maximum performance
- For tough materials and materials with produce long chips.
- Variable tooth spacing reduces vibration and the blade lives longer.
- The toothing with a positive rake of 7° allows most materials to be cut more quickly.

- Pilot teeth produce a straight cut. Variable tooth spacing means that the saw blades need to be changed less frequently as a result of the large range of applications.
- Optimum tooth geometry with variable spacing ensures a clean low-vibration cut at minimum noise level.



| Ref.         | Dimension<br>l-w-t (mm) | Kasto | Weight<br>g | Dimension<br>l-w-t (inch) | Hole | Teeth per inch |   | Europiece |
|--------------|-------------------------|-------|-------------|---------------------------|------|----------------|---|-----------|
|              |                         |       |             |                           |      | 2              | 3 |           |
| FP13.14-35   | 350 x 35 x 2.00         |       | 211         | 14 x 1.6/16 x 0.075       | 8.5  |                | x | 25.18     |
| FP13.16-35   | 400 x 35 x 2.00         |       | 239         | 16 x 1.6/16 x 0.075       | 8.5  |                | x | 27.38     |
| FP13.18-40   | 450 x 40 x 2.00         |       | 308         | 18 x 1.1/2 x 0.075        | 10.5 | x              | x | 32.90     |
| FP13.18-40.K | 450 x 40 x 2.00         | Kasto | 308         | 18 x 1.1/2 x 0.075        |      | x              | x | 32.90     |
| FP13.20-40   | 500 x 40 x 2.00         |       | 342         | 20 x 1.1/2 x 0.075        | 10.5 | x              | x | 36.46     |
| FP13.20-48.K | 500 x 48 x 2.50         | Kasto | 513         | 20 x 1.7/8 x 0.100        |      | x              | x | 54.52     |
| FP13.23-50.K | 575 x 50 x 2.50         | Kasto | 611         | 23 x 2 x 0.100            | 10.5 | x              | x | 62.80     |
| FP13.24-50   | 600 x 50 x 2.50         |       | 636         | 24 x 2 x 0.100            | 13.0 | x              | x | 65.37     |
| FP13.26-55.K | 650 x 55 x 2.50         | Kasto | 761         | 26 x 2.1/8 x 0.100        |      | x              | x | 77.23     |
| FP13.28-55.K | 700 x 55 x 2.50         | Kasto | 816         | 28 x 2.1/8 x 0.100        |      | x              | x | 82.39     |

Kasto = Sawblades with offset clamping holes.

### For cutting stainless and acid-resisting steel

The increased use of stainless and acid-resisting steels (e. g. VA steels) requires an appropriate saw blade for cutting these difficult materials.

As a result of the perfect cutting edge geometry, excellent cutting results are achieved.

With 13° positive rake produces optimum penetration of the material to be sawn.

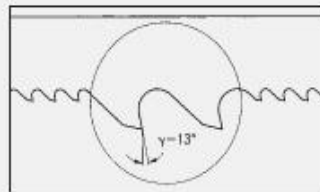
The economical cutting of VA pipes with walls from 10 mm is no problem.

Other dimensions are also available.

### Direction for application

tooth spacing: - 3 teeth/inch for cross sections from 50 - 200 mm  
(pipes with walls from 10 mm)  
- 2 teeth/inch for cross sections from 150 mm

cutting speed: - stainless and acid-resisting steels: 10 to 20 m/min



| Ref.           | Dimension<br>l-w-t (mm) | Kasto | Weight<br>g | Dimension<br>l-w-t (inch) | Hole | Teeth per inch |   |   |   |    | Europiece |
|----------------|-------------------------|-------|-------------|---------------------------|------|----------------|---|---|---|----|-----------|
|                |                         |       |             |                           |      | 3              | 4 | 6 | 8 | 10 |           |
| FHSS-E.14-32N  | 350 x 32 x 2.00         |       | 193         | 14 x 1.1/4 x 0.075        | 8.5  |                | x |   |   |    | 26.93     |
| FHSS-E.16-32N  | 400 x 32 x 2.00         |       | 218         | 16 x 1.1/4 x 0.075        | 8.5  | x              | x | x | x | x  | 29.70     |
| FHSS-E.16-40N  | 400 x 40 x 2.00         |       | 274         | 16 x 1.1/2 x 0.075        | 10.5 | x              | x | x | x | x  | 35.91     |
| FHSS-E.18-30N  | 450 x 30 x 2.00         |       | 231         | 18 x 1.1/4 x 0.075        | 10.5 |                | x |   |   |    | 31.19     |
| FHSS-E.18-35N  | 450 x 35 x 2.00         |       | 270         | 18 x 1.6/16 x 0.075       | 10.5 | x              | x | x |   |    | 35.44     |
| FHSS-E.18-40N  | 450 x 40 x 2.00         |       | 308         | 18 x 1.1/2 x 0.075        | 8.5  |                | x |   |   |    | 38.61     |
| FHSS-E.18-40NK | 450 x 40 x 2.00         | Kasto | 308         | 18 x 1.1/2 x 0.075        |      | x              | x | x |   |    | 38.61     |
| FHSS-E.20-40N  | 500 x 40 x 2.00         |       | 342         | 20 x 1.1/2 x 0.075        | 10.5 |                | x | x |   | x  | 42.80     |
| FHSS-E.23-50NK | 575 x 50 x 2.50         | Kasto | 611         | 23 x 2 x 0.100            |      | x              | x | x | x |    | 73.71     |
| FHSS-E.24-50N  | 600 x 50 x 2.50         |       | 636         | 24 x 2 x 0.100            | 13   |                | x | x |   |    | 76.75     |
| FHSS-E.26-50N  | 650 x 50 x 2.50         |       | 690         | 26 x 2 x 0.100            | 13   | x              | x |   |   |    | 82.69     |
| FHSS-E.28-55N  | 700 x 55 x 2.50         |       | 816         | 28 x 2.1/8 x 0.100        | 13   | x              | x | x |   |    | 96.73     |
| FHSS-E.28-55NK | 700 x 55 x 2.50         | Kasto | 816         | 28 x 2.1/8 x 0.100        |      | x              | x | x |   |    | 96.73     |

Kasto = Sawblades with offset clamping holes.

Made of HSS-Cobalt M35 steel.

A hardness of 67° Rockwell and 8 %cobalt allows user to cut extreme hard materials of more than 120 kp/mm<sup>2</sup> toughness.

Other dimensions are also available.