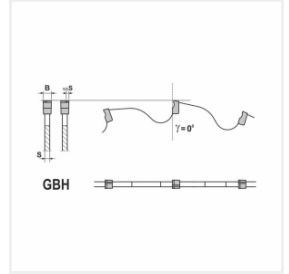
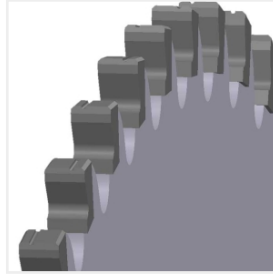


PS830

## Saw blades COOL CUT for steel and non-ferrous metals cutting



## Features - benefits

HM tip made of a special type of sintered carbide dedicated to processing of hard to cut steel and metals (non-ferrous metals also)  
 special shape of HM tip and teeth geometry allows to obtain high cutting performance  
 usage of precise grinding technology of disc and process of dynamic balancing ensures stable work and eliminates vibrating during cutting process  
 additional PVD coating (TiAlN) on teeth increases the life of the blade and reduces cutting resistance  
 ability to produce saw blades with outer diameters 250 - 600 mm with bores 32mm driving holes 2x8,5/45 + 4x9/50 + 4x11/63, 40mm driving holes 2x8,5/55 + 4x12/64 + 4x11/80, 50mm driving holes 4x15/80 + 4x14/85, 80mm driving holes 4x23,5/120

## Application

metals and non-ferrous metals profiles and full materials cutting  
 used on high-performance, slow-speed cutting machines with automatic feed  
 an alternative to HSS circular saw blades  
 characterized by several times longer lifetime and the ability to use more processing parameters  
 in order to obtain the best possible surfaces, it is necessary to apply the correct pressure (clamping) to the material during cutting - the workpiece/piece should be immobilised in clamping, e.g. pneumatic, hydraulic, mechanical, etc.

| Catalogue | Index           | Ø D [mm]<br>Outer diameter | Ø d [mm]<br>Inner diameter | B [mm]<br>Kerf | S [mm]<br>Disc thickness | Z<br>Teeth number | Teeth geometry | Rake angle<br>° | ilxdo/dp<br>Driver holes [mm] | U.m. |
|-----------|-----------------|----------------------------|----------------------------|----------------|--------------------------|-------------------|----------------|-----------------|-------------------------------|------|
| ○         | PS830-0250-0001 | 0250                       | 32                         | 2,1            | 1,8                      | 80                | GBH            | 0               | 2x8,5/45 + 4x9/50 + 4x11/63   | szt. |
| ○         | PS830-0280-0001 | 0280                       | 32                         | 2,1            | 1,8                      | 80                | GBH            | 0               | 2x8,5/45 + 4x9/50 + 4x11/63   | szt. |
| ○         | PS830-0280-0005 | 0280                       | 32                         | 2,1            | 1,8                      | 100               | GBH            | 0               | 2x8,5/45 + 4x9/50 + 4x11/63   | szt. |
| ○         | PS830-0280-0002 | 0280                       | 40                         | 2,1            | 1,8                      | 80                | GBH            | 0               | 2x8,5/55 + 4x12/64 + 4x11/80  | szt. |
| ○         | PS830-0280-0007 | 0280                       | 40                         | 2,1            | 1,8                      | 100               | GBH            | 0               | 2x8,5/55 + 4x12/64 + 4x11/80  | szt. |
| ○         | PS830-0315-0005 | 0315                       | 32                         | 2,1            | 1,8                      | 80                | GBH            | 0               | 4x9/50                        | szt. |
| ○         | PS830-0315-0006 | 0315                       | 32                         | 2,1            | 1,8                      | 100               | GBH            | 0               | 4x9/50                        | szt. |
| ○         | PS830-0315-0008 | 0315                       | 40                         | 2,1            | 1,8                      | 80                | GBH            | 0               | 4x9/50                        | szt. |
| ○         | PS830-0315-0009 | 0315                       | 40                         | 2,1            | 1,8                      | 100               | GBH            | 0               | 4x9/50                        | szt. |
| ○         | PS830-0350-0002 | 0350                       | 32                         | 2,5            | 2,2                      | 80                | GBH            | 0               |                               | szt. |
| ○         | PS830-0350-0003 | 0350                       | 32                         | 2,5            | 2,2                      | 100               | GBH            | 0               |                               | szt. |
| ○         | PS830-0350-0004 | 0350                       | 32                         | 2,5            | 2,2                      | 120               | GBH            | 0               |                               | szt. |
| ○         | PS830-0350-0006 | 0350                       | 40                         | 2,5            | 2,2                      | 80                | GBH            | 0               | 2x8,5/55 + 4x12/64            | szt. |

| Catalogue | Index           | Ø D [mm]<br>Outer<br>diameter | Ø d [mm]<br>Inner<br>diameter | B [mm]<br>Kerf | S [mm]<br>Disc<br>thickness | Z<br>Teeth<br>number | Teeth<br>geometry | Rake angle<br>° | ilxdo/dp<br>Driver<br>holes [mm] | U.m. |
|-----------|-----------------|-------------------------------|-------------------------------|----------------|-----------------------------|----------------------|-------------------|-----------------|----------------------------------|------|
| ○         | PS830-0350-0007 | 0350                          | 40                            | 2,5            | 2,2                         | 100                  | GBH               | 0               | 2x8,5/55 +<br>4x12/64            | szt. |
| ○         | PS830-0350-0008 | 0350                          | 40                            | 2,5            | 2,2                         | 120                  | GBH               | 0               | 2x8,5/55 +<br>4x12/64            | szt. |
| ○         | PS830-0400-0002 | 0400                          | 50                            | 2,8            | 2,5                         | 80                   | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0400-0001 | 0400                          | 50                            | 2,8            | 2,5                         | 100                  | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0400-0005 | 0400                          | 50                            | 2,8            | 2,5                         | 120                  | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0450-0004 | 0450                          | 50                            | 3,1            | 2,8                         | 100                  | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0450-0005 | 0450                          | 50                            | 3,1            | 2,8                         | 120                  | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0450-0002 | 0450                          | 50                            | 3,1            | 2,8                         | 140                  | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0450-0006 | 0450                          | 50                            | 3,1            | 2,8                         | 160                  | GBH               | 0               | 4x15/80 +<br>4x14/85             | szt. |
| ○         | PS830-0560-0003 | 0560                          | 80                            | 3,8            | 3,4                         | 120                  | GBH               | 0               | 4x23,5/120                       | szt. |
| ○         | PS830-0560-0002 | 0560                          | 80                            | 3,8            | 3,4                         | 140                  | GBH               | 0               | 4x23,5/120                       | szt. |

## INFO:

Saw blades for individual order after giving dimensions of the tool or on the basis of the drawing or on the basis of material to be processed.

Min. order quantity - acc. to individual agreement.

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