

# PROPELLER

## 2018

### SEGHE CIRCOLARI

IN METALLO DURO INTEGRALE E HSS-Co5

### CIRCULAR SAW BLADES

SOLID CARBIDE AND HSS-Co5

### KREISSÄGEBLÄTTER

VOLLHARTMETALL UND HSS-Co5

### FRAISES SCIÉS

CARBURE MONOBLOC ET HSS-Co5

### SIERRAS CIRCULARES

METAL DURO Y HSS-Co5



Angelo Ghezzi & C SpA



# **PROPELLER**

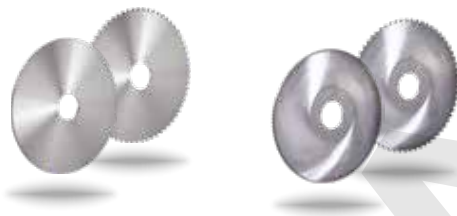
**2018**

**Chiave di lettura catalogo** | Key to catalogue | Katalogsleseschlüssel | Légende catalogue  
 Leyenda del catálogo

02

## SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
 FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO



|       |         |          |  |       |
|-------|---------|----------|--|-------|
| I6811 | HM      | DIN 1837 |  | 03÷27 |
| I6816 | HM      | DIN 1838 |  | 03÷27 |
| I6812 | HSS-Co5 | DIN 1837 |  | 03÷27 |
| I6817 | HSS-Co5 | DIN 1838 |  | 03÷27 |

## SEGHE CIRCOLARI PER TRONCATRICI

CIRCULAR SAW BLADES FOR CUT-OFF MACHINES | MASCHINENKREISSÄGEBLÄTTER  
 FRAISES SCIES CIRCULAIRES POUR MACHINES A TRONCONNER | SIERRAS CIRCULARES PARA MÁQUINAS TRONZADORAS



|       |         |  |    |
|-------|---------|--|----|
| I6800 | HSS-Co5 |  | 28 |
|-------|---------|--|----|

## GUIDA TECNICA

TECHNICAL GUIDE | TECHNISCHE DATEN | GUIDE TECHNIQUE | GUÍA TÉCNICA

|                                                                                                                                                                                                                                                                                       |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>Parametri di taglio consigliati</b>   Cutting parameters suggested   Empfohlene Schnittdaten<br>Paramètres de coupe conseilles   Parametros de corte recomendado                                                                                                                   | 30 |
| <b>Formule</b>   Formulas   Formel   Formule   Fórmula                                                                                                                                                                                                                                | 31 |
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| <b>Tolleranze costruttive seghe circolari</b>   Tolerances circular saw blades   Bautoleranzen Kreissägeblät-<br>ter   Tolérances de constructions fraises scies   Tolerancias de construcción sierra circulares                                                                      | 33 |

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KEY TO CATALOGUE | KATALOGSLESESCHLÜSSEL  
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## SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

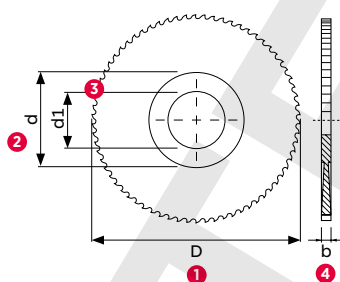
CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO



| D x b | d <sub>1</sub> | d | HM |   | HSS-Co5 |   |
|-------|----------------|---|----|---|---------|---|
|       |                |   | Z  | € | Z       | € |

|        |   |   |    |    |       |    |    |       |
|--------|---|---|----|----|-------|----|----|-------|
| 30X1.2 | 8 | - | 48 | 20 | 46,80 | 48 | 32 | 16,65 |
| 30X1.3 | 8 | - | 48 | 20 | 48,60 | -  | -  | -     |
| 30X1.4 | 8 | - | 48 | 20 | 49,90 | -  | -  | -     |
| 30X1.5 | 8 | - | 48 | 20 | 51,10 | 48 | 32 | 17,55 |
| 30X1.6 | 8 | - | 48 | 20 | 54,80 | 48 | 32 | 17,70 |
| 30X1.7 | 8 | - | 48 | 20 | 54,80 | -  | -  | -     |
| 30X1.8 | 8 | - | 48 | 20 | 58,60 | -  | -  | -     |
| 30X1.9 | 8 | - | 48 | 20 | 60,40 | -  | -  | -     |
| 30X2   | 8 | - | 48 | 20 | 62,30 | 48 | 32 | 20,50 |
| 30X2.5 | 8 | - | 40 | 20 | 70,40 | 40 | 24 | 23,05 |
| 30X3   | 8 | - | 40 | 18 | 81,00 | 40 | 24 | 27,45 |
| 30X3.5 | 8 | - | -  | -  | -     | 40 | 24 | 32,65 |
| 30X4   | 8 | - | -  | -  | -     | -  | -  | 35,40 |

- Tipologia utensile** | Tool type  
Werkzeugtyp | Typologie de l'outil  
Tipología herramienta
- (HM) | Metallo duro** | Solid carbide  
Vollhartmetall | Carbure monobloc  
Metal duro
- (HSS-Co5) | Acciaio super rapido**  
High speed steel | Hochleistungsschnittstahl  
Acier rapide | Acero rapido
- (DIN 1837)**  
**Seghe circolari con dentatura fine**  
Circular saw blades with fine teeth  
Kreissägeblätter feinverzahnt  
Fraises sciés denture fine  
Sierras circulares dentado fino
- (DIN 1838)**  
**Seghe circolari con dentatura grossa**  
Circular saw blades with coarse teeth  
Kreissägeblätter großverzahnt  
Fraises sciés denture large  
Sierras circulares dentado grueso
- Disegno tecnico** | Technical drawing  
Technische Zeichnung | Plan technique  
Dibujo técnico
- Quote dimensionali** | Dimensional quotes  
Abmessungen | Valeurs dimensionnelles  
Tamaño
- Codice prodotto** | Item code  
Katalogsnummer | Référence produit  
Código referencia



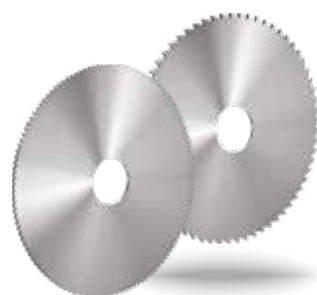
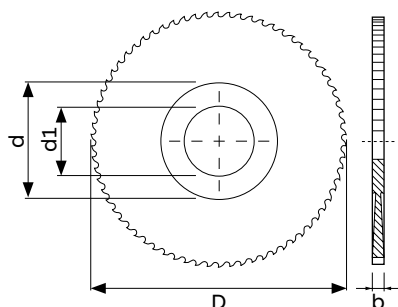
- (D) | Diametro utensile** | Tool diameter  
Werkzeugsdurchmesser | Diamètre de l'outil  
Diametro de la herramienta
- (d1) | Diametro mozzo** | Hub diameter  
Bund Durchmesser | Diamètre du moyeu  
Diametro del anillo
- (d) | Diametro foro** | Central hole diameter  
Bohrung Durchmesser | Diamètre de l'alesage  
Diametro de leje
- (b) | Spessore utensile** | Tool thickness  
Werkzeugsbreite | Épaisseur de l'outil  
Espesor de la herramienta

|        |   |   |    |    |       |    |    |       |
|--------|---|---|----|----|-------|----|----|-------|
| 30X1.2 | 8 | - | 48 | 20 | 46,80 | 48 | 32 | 16,65 |
| 30X1.3 | 8 | - | 48 | 20 | 48,60 | -  | -  | -     |
| 30X1.4 | 8 | - | 48 | 20 | 49,90 | -  | -  | -     |
| 30X1.5 | 8 | - | 48 | 20 | 51,10 | 48 | 32 | 17,55 |
| 30X1.6 | 8 | - | 48 | 20 | 54,80 | 48 | 32 | 17,70 |
| 30X1.7 | 8 | - | 48 | 20 | 54,80 | -  | -  | -     |
| 30X1.8 | 8 | - | 48 | 20 | 58,60 | -  | -  | -     |
| 30X1.9 | 8 | - | 48 | 20 | 60,40 | -  | -  | -     |
| 30X2   | 8 | - | 48 | 20 | 62,30 | 48 | 32 | 20,50 |
| 30X2.5 | 8 | - | 40 | 20 | 70,40 | 40 | 24 | 23,05 |
| 30X3   | 8 | - | 40 | 18 | 81,00 | 40 | 24 | 27,45 |
| 30X3.5 | 8 | - | -  | -  | -     | 40 | 24 | 32,65 |
| 30X4   | 8 | - | -  | -  | -     | -  | -  | 35,40 |

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|        |   |   |    |    |  |   |   |  |
|--------|---|---|----|----|--|---|---|--|
| 12X.2  | 5 | - | 48 | 16 |  | - | - |  |
| 12X.25 | 5 | - | 48 | 16 |  | - | - |  |
| 12X.3  | 5 | - | 48 | 16 |  | - | - |  |
| 12X.35 | 5 | - | 48 | 16 |  | - | - |  |
| 12X.4  | 5 | - | 48 | 16 |  | - | - |  |
| 12X.45 | 5 | - | 40 | 16 |  | - | - |  |
| 12X.5  | 5 | - | 40 | 16 |  | - | - |  |
| 12X.6  | 5 | - | 40 | 16 |  | - | - |  |
| 12X.7  | 5 | - | 40 | 16 |  | - | - |  |
| 12X.8  | 5 | - | 32 | 16 |  | - | - |  |
| 12X.9  | 5 | - | 32 | 16 |  | - | - |  |
| 12X1   | 5 | - | 32 | 16 |  | - | - |  |
| 12X1.1 | 5 | - | 32 | 16 |  | - | - |  |
| 12X1.2 | 5 | - | 32 | 16 |  | - | - |  |
| 12X1.3 | 5 | - | 32 | 16 |  | - | - |  |
| 12X1.4 | 5 | - | 32 | 12 |  | - | - |  |
| 12X1.5 | 5 | - | 32 | 12 |  | - | - |  |
| 12X1.6 | 5 | - | 32 | 12 |  | - | - |  |

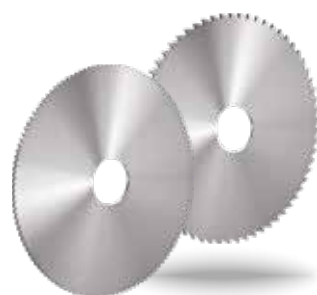
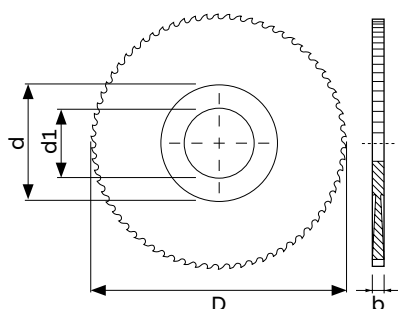
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|        |   |   |    |    |  |   |   |  |
|--------|---|---|----|----|--|---|---|--|
| 12X1.7 | 5 | - | 24 | 12 |  | - | - |  |
| 12X1.8 | 5 | - | 24 | 12 |  | - | - |  |
| 12X1.9 | 5 | - | 24 | 12 |  | - | - |  |
| 12X2   | 5 | - | 24 | 12 |  | - | - |  |
| 12X2.5 | 5 | - | 24 | 12 |  | - | - |  |
| 12X3   | 5 | - | 24 | 12 |  | - | - |  |
| 12X4   | 5 | - | 20 | 12 |  | - | - |  |
| 12X5   | 5 | - | 20 | 12 |  | - | - |  |
| 12X6   | 5 | - | 20 | 12 |  | - | - |  |

|        |   |   |    |    |  |   |   |  |
|--------|---|---|----|----|--|---|---|--|
| 15X.2  | 5 | - | 64 | 24 |  | - | - |  |
| 15X.25 | 5 | - | 64 | 24 |  | - | - |  |
| 15X.3  | 5 | - | 64 | 24 |  | - | - |  |
| 15X.35 | 5 | - | 64 | 24 |  | - | - |  |
| 15X.4  | 5 | - | 64 | 24 |  | - | - |  |
| 15X.45 | 5 | - | 48 | 20 |  | - | - |  |
| 15X.5  | 5 | - | 48 | 20 |  | - | - |  |
| 15X.6  | 5 | - | 48 | 20 |  | - | - |  |

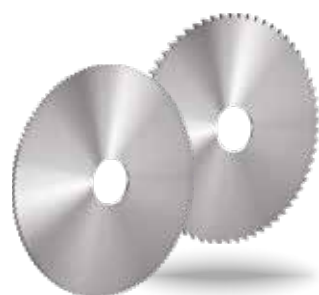
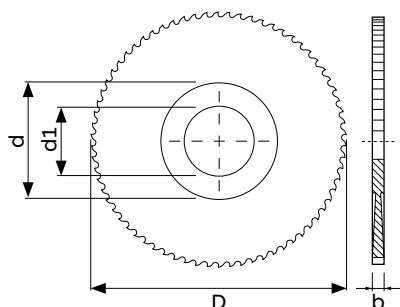
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                |                  |                                                                                   |                                                                                   |  |                                                                                     |                                                                                     |  |
|-------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|       |                | *I6812<br>*I6817 |  |  |  |  |  |  |
|       |                |                  | I6811                                                                             | I6816                                                                             |  | I6812                                                                               | I6817                                                                               |  |
|       |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |  | DIN 1837                                                                            | DIN 1838                                                                            |  |
|       |                |                  | HM                                                                                |                                                                                   |  | HSS-Co5                                                                             |                                                                                     |  |
| D x b | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   |  | Z                                                                                   |                                                                                     |  |

|        |   |   |    |    |   |   |   |
|--------|---|---|----|----|---|---|---|
| 15X.7  | 5 | - | 48 | 20 | - | - | - |
| 15X.8  | 5 | - | 40 | 20 | - | - | - |
| 15X.9  | 5 | - | 40 | 16 | - | - | - |
| 15X1   | 5 | - | 40 | 16 | - | - | - |
| 15X1.1 | 5 | - | 40 | 16 | - | - | - |
| 15X1.2 | 5 | - | 40 | 16 | - | - | - |
| 15X1.3 | 5 | - | 40 | 16 | - | - | - |
| 15X1.4 | 5 | - | 40 | 16 | - | - | - |
| 15X1.5 | 5 | - | 40 | 16 | - | - | - |
| 15X1.6 | 5 | - | 40 | 16 | - | - | - |
| 15X1.7 | 5 | - | 28 | 16 | - | - | - |
| 15X1.8 | 5 | - | 28 | 12 | - | - | - |
| 15X1.9 | 5 | - | 28 | 12 | - | - | - |
| 15X2   | 5 | - | 28 | 12 | - | - | - |
| 15X2.5 | 5 | - | 28 | 12 | - | - | - |
| 15X3   | 5 | - | 28 | 12 | - | - | - |
| 15X4   | 5 | - | 24 | 12 | - | - | - |
| 15X5   | 5 | - | 24 | 12 | - | - | - |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

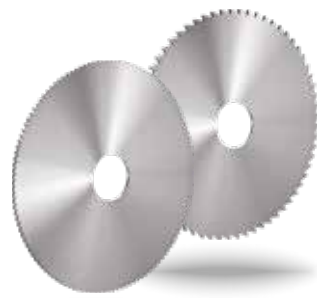
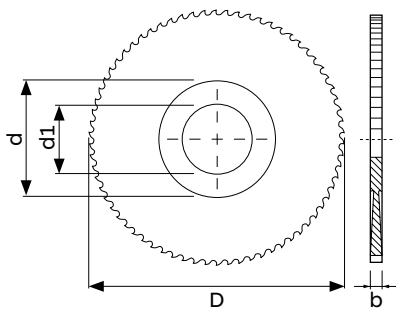
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5



# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|              |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|--------------|----------------|------------------|----------|----------|--|----------|----------|--|
|              |                |                  |          |          |  |          |          |  |
|              |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
| <b>D x b</b> | d <sub>1</sub> | d                | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|              |                |                  | HM       |          |  | HSS-Co5  |          |  |
|              |                |                  | Z        |          |  | Z        |          |  |

|      |   |   |    |    |  |   |   |  |
|------|---|---|----|----|--|---|---|--|
| 15X6 | 5 | - | 24 | 12 |  | - | - |  |
|------|---|---|----|----|--|---|---|--|

|        |   |    |    |    |  |    |   |  |
|--------|---|----|----|----|--|----|---|--|
| 20X.2  | 5 | -  | 80 | 32 |  | -  | - |  |
| 20X.25 | 5 | -  | 64 | 32 |  | -  | - |  |
| 20X.3  | 5 | 10 | 64 | 32 |  | 64 | - |  |
| 20X.35 | 5 | -  | 64 | 32 |  | -  | - |  |
| 20X.4  | 5 | 10 | 64 | 32 |  | 64 | - |  |
| 20X.45 | 5 | -  | 48 | 24 |  | -  | - |  |
| 20X.5  | 5 | 10 | 48 | 24 |  | 48 | - |  |
| 20X.6  | 5 | 10 | 48 | 24 |  | 48 | - |  |
| 20X.7  | 5 | -  | 48 | 24 |  | -  | - |  |
| 20X.8  | 5 | 10 | 40 | 24 |  | 48 | - |  |
| 20X.9  | 5 | -  | 40 | 20 |  | -  | - |  |
| 20X1   | 5 | 10 | 40 | 20 |  | 40 | - |  |
| 20X1.1 | 5 | -  | 40 | 20 |  | -  | - |  |
| 20X1.2 | 5 | 10 | 40 | 20 |  | 40 | - |  |
| 20X1.3 | 5 | -  | 40 | 20 |  | -  | - |  |
| 20X1.4 | 5 | -  | 40 | 20 |  | -  | - |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

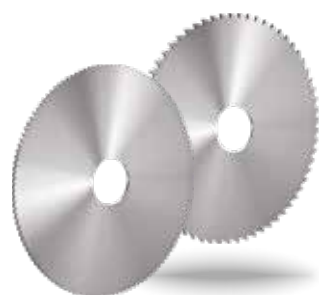
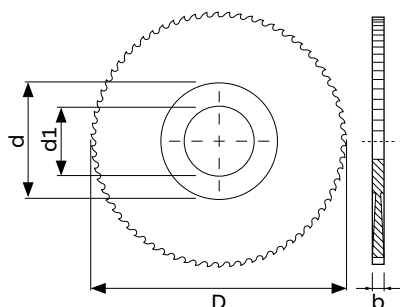
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

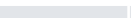
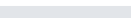


# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |  |  |  |  |  |  |
|-------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|       |                |                  | I6811                                                                             | I6816                                                                             |  | I6812                                                                               | I6817                                                                               |  |
|       |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |  | DIN 1837                                                                            | DIN 1838                                                                            |  |
|       |                |                  | HM                                                                                |                                                                                   |  | HSS-Co5                                                                             |                                                                                     |  |
| D x b | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   |  | Z                                                                                   |                                                                                     |  |

|        |   |    |    |    |  |    |   |  |
|--------|---|----|----|----|--|----|---|--|
| 20X1.5 | 5 | -  | 40 | 20 |  | -  | - |  |
| 20X1.6 | 5 | 10 | 40 | 20 |  | 40 | - |  |
| 20X1.7 | 5 | -  | 32 | 20 |  | -  | - |  |
| 20X1.8 | 5 | -  | 32 | 16 |  | -  | - |  |
| 20X1.9 | 5 | -  | 32 | 16 |  | -  | - |  |
| 20X2   | 5 | 10 | 32 | 16 |  | 32 | - |  |
| 20X2.5 | 5 | 10 | 32 | 16 |  | 32 | - |  |
| 20X3   | 5 | 10 | 32 | 16 |  | 32 | - |  |
| 20X4   | 5 | 10 | 24 | 16 |  | 24 | - |  |
| 20X5   | 5 | 10 | 24 | 16 |  | 24 | - |  |
| 20X6   | 5 | 10 | 24 | 16 |  | 24 | - |  |

|        |   |   |    |    |  |    |   |  |
|--------|---|---|----|----|--|----|---|--|
| 25X.2  | 8 | - | 80 | 32 |  | -  | - |  |
| 25X.25 | 8 | - | 80 | 32 |  | -  | - |  |
| 25X.3  | 8 | - | 80 | 32 |  | 80 | - |  |
| 25X.35 | 8 | - | 64 | 32 |  | -  | - |  |
| 25X.4  | 8 | - | 64 | 32 |  | 64 | - |  |
| 25X.45 | 8 | - | 64 | 24 |  | -  | - |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

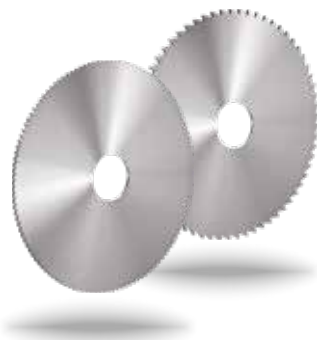
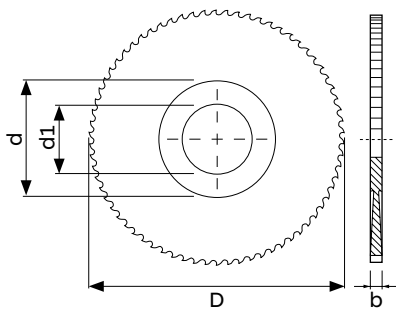
Ordine minimo 20 pezzi | Minimum order q.ty 20 pièces | Mindestbestellmenge 20 Stück | Minimum de commande 20 pièces  
Cantidad minima de pedido 20 uds

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



| <b>D x b</b> | $d_1$ | $d$ | <b>I6811</b> | <b>I6816</b> |  | <b>I6812</b> | <b>I6817</b> |  |
|--------------|-------|-----|--------------|--------------|--|--------------|--------------|--|
|              |       |     | DIN 1837     | DIN 1838     |  | DIN 1837     | DIN 1838     |  |
|              |       |     | HM           |              |  | HSS-Co5      |              |  |
|              |       |     | Z            |              |  | Z            |              |  |

|        |   |   |    |    |  |    |   |  |
|--------|---|---|----|----|--|----|---|--|
| 25X.5  | 8 | - | 64 | 24 |  | 64 | - |  |
| 25X.6  | 8 | - | 64 | 24 |  | 64 | - |  |
| 25X.7  | 8 | - | 48 | 24 |  | 64 | - |  |
| 25X.8  | 8 | - | 48 | 24 |  | 48 | - |  |
| 25X.9  | 8 | - | 48 | 20 |  | -  | - |  |
| 25X1   | 8 | - | 48 | 20 |  | 48 | - |  |
| 25X1.1 | 8 | - | 48 | 20 |  | -  | - |  |
| 25X1.2 | 8 | - | 48 | 20 |  | 48 | - |  |
| 25X1.3 | 8 | - | 40 | 20 |  | -  | - |  |
| 25X1.4 | 8 | - | 40 | 20 |  | -  | - |  |
| 25X1.5 | 8 | - | 40 | 20 |  | 40 | - |  |
| 25X1.6 | 8 | - | 40 | 20 |  | 40 | - |  |
| 25X1.7 | 8 | - | 40 | 20 |  | -  | - |  |
| 25X1.8 | 8 | - | 40 | 16 |  | -  | - |  |
| 25X1.9 | 8 | - | 40 | 16 |  | -  | - |  |
| 25X2   | 8 | - | 40 | 16 |  | 40 | - |  |
| 25X2.5 | 8 | - | 40 | 16 |  | 40 | - |  |
| 25X3   | 8 | - | 32 | 16 |  | 32 | - |  |

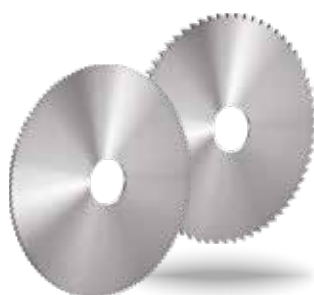
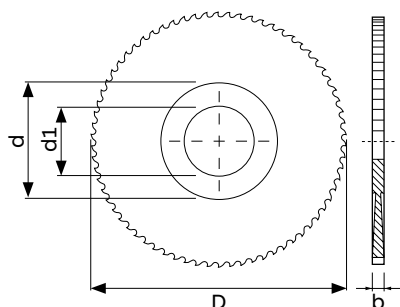
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|        |   |   |    |    |  |    |   |  |
|--------|---|---|----|----|--|----|---|--|
| 25X3.5 | 8 | - | -  | -  |  | 32 | - |  |
| 25X4   | 8 | - | 32 | 16 |  | 32 | - |  |
| 25X5   | 8 | - | 32 | 16 |  | 32 | - |  |
| 25X6   | 8 | - | 32 | 16 |  | 24 | - |  |

|        |   |   |     |    |  |    |    |  |
|--------|---|---|-----|----|--|----|----|--|
| 30X.2  | 8 | - | 100 | 32 |  | -  | -  |  |
| 30X.25 | 8 | - | 100 | 32 |  | -  | -  |  |
| 30X.3  | 8 | - | 80  | 32 |  | 80 | 40 |  |
| 30X.35 | 8 | - | 80  | 32 |  | -  | -  |  |
| 30X.4  | 8 | - | 80  | 32 |  | 80 | 40 |  |
| 30X.45 | 8 | - | 80  | 24 |  | -  | -  |  |
| 30X.5  | 8 | - | 80  | 24 |  | 80 | 40 |  |
| 30X.6  | 8 | - | 64  | 24 |  | 64 | 40 |  |
| 30X.7  | 8 | - | 64  | 24 |  | 64 | 40 |  |
| 30X.8  | 8 | - | 64  | 24 |  | 64 | 40 |  |
| 30X.9  | 8 | - | 64  | 20 |  | -  | -  |  |
| 30X1   | 8 | - | 64  | 20 |  | 64 | 40 |  |
| 30X1.1 | 8 | - | 48  | 20 |  | -  | -  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

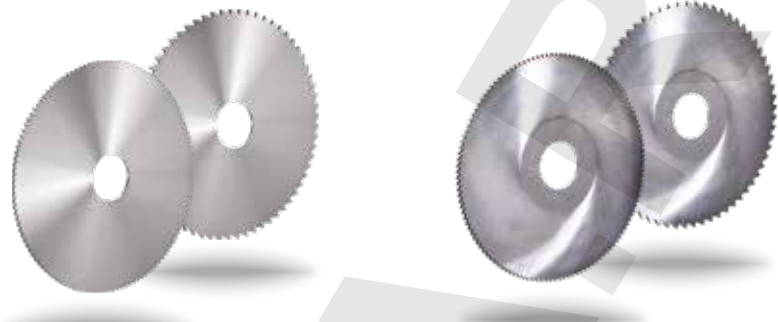
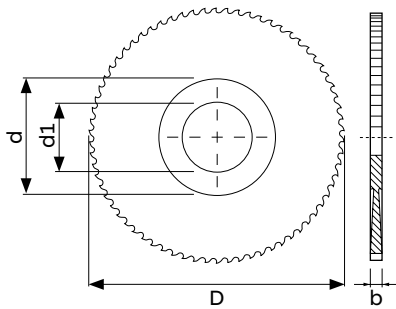
Ordine minimo 20 pezzi | Minimum order q.ty 20 pièces | Mindestbestellmenge 20 Stück | Minimum de commande 20 pièces  
Cantidad minima de pedido 20 uds

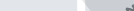
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

## SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837  | DIN 1838  |
|----|---------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|----|---------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|



|       |                |                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |  |          |
|-------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|----------|
|       |                | *I6812<br>*I6817 |  |  |  |  |  |          |
|       |                |                  | I6811                                                                             | I6816                                                                             |                                                                                    | I6812                                                                               |  | I6817    |
|       |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |                                                                                    | DIN 1837                                                                            |  | DIN 1838 |
|       |                |                  | HM                                                                                |                                                                                   |                                                                                    | HSS-Co5                                                                             |  |          |
| D x b | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   | Z                                                                                  |                                                                                     |  |          |

|        |   |   |    |    |  |    |    |  |
|--------|---|---|----|----|--|----|----|--|
| 30X1.2 | 8 | - | 48 | 20 |  | 48 | 32 |  |
| 30X1.3 | 8 | - | 48 | 20 |  | -  | -  |  |
| 30X1.4 | 8 | - | 48 | 20 |  | -  | -  |  |
| 30X1.5 | 8 | - | 48 | 20 |  | 48 | 32 |  |
| 30X1.6 | 8 | - | 48 | 20 |  | 48 | 32 |  |
| 30X1.7 | 8 | - | 48 | 20 |  | -  | -  |  |
| 30X1.8 | 8 | - | 48 | 20 |  | -  | -  |  |
| 30X1.9 | 8 | - | 48 | 20 |  | -  | -  |  |
| 30X2   | 8 | - | 48 | 20 |  | 48 | 32 |  |
| 30X2.5 | 8 | - | 40 | 20 |  | 40 | 24 |  |
| 30X3   | 8 | - | 40 | 18 |  | 40 | 24 |  |
| 30X3.5 | 8 | - | -  | -  |  | 40 | 24 |  |
| 30X4   | 8 | - | 40 | 18 |  | 40 | 24 |  |
| 30X5   | 8 | - | 32 | 18 |  | 32 | 18 |  |
| 30X6   | 8 | - | 32 | 18 |  | 32 | 18 |  |

|        |   |   |     |    |  |   |   |  |
|--------|---|---|-----|----|--|---|---|--|
| 32X.2  | 8 | - | 100 | 32 |  | - | - |  |
| 32X.25 | 8 | - | 100 | 32 |  | - | - |  |

**Esempio d'ordine** | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

**Ordine minimo 10 pezzi** | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

**Ordine minimo 20 pezzi** | Minimum order q.ty 20 pièces | Mindestbestellmenge 20 Stück | Minimum de commande 20 pièces  
Cantidad mínima de pedido 20 uds

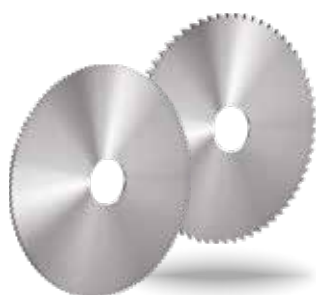
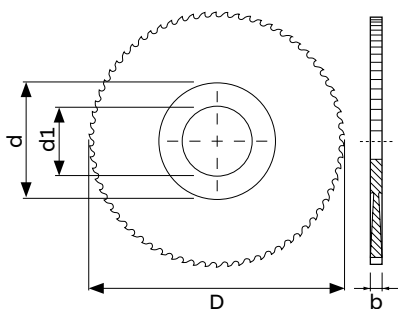
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5



## SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|              |                |                  |                                                                                   |                                                                                   |  |                                                                                     |                                                                                     |  |
|--------------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|              |                | *I6812<br>*I6817 |  |  |  |  |  |  |
|              |                |                  | <b>I6811</b>                                                                      | <b>I6816</b>                                                                      |  | <b>I6812</b>                                                                        | <b>I6817</b>                                                                        |  |
|              |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |  | DIN 1837                                                                            | DIN 1838                                                                            |  |
|              |                |                  | HM                                                                                |                                                                                   |  | HSS-Co5                                                                             |                                                                                     |  |
| <b>D x b</b> | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   |  | Z                                                                                   |                                                                                     |  |

|        |   |   |    |    |  |    |    |  |
|--------|---|---|----|----|--|----|----|--|
| 32X.3  | 8 | - | 80 | 32 |  | 80 | 40 |  |
| 32X.35 | 8 | - | 80 | 32 |  | -  | -  |  |
| 32X.4  | 8 | - | 80 | 32 |  | 80 | 40 |  |
| 32X.45 | 8 | - | 80 | 24 |  | -  | -  |  |
| 32X.5  | 8 | - | 80 | 24 |  | 80 | 40 |  |
| 32X.6  | 8 | - | 64 | 24 |  | 64 | 40 |  |
| 32X.7  | 8 | - | 64 | 24 |  | 64 | 40 |  |
| 32X.8  | 8 | - | 64 | 24 |  | 64 | 40 |  |
| 32X.9  | 8 | - | 64 | 24 |  | -  | -  |  |
| 32X1   | 8 | - | 64 | 24 |  | 64 | 40 |  |
| 32X1.1 | 8 | - | 48 | 24 |  | -  | -  |  |
| 32X1.2 | 8 | - | 48 | 24 |  | 48 | 32 |  |
| 32X1.3 | 8 | - | 48 | 20 |  | -  | -  |  |
| 32X1.4 | 8 | - | 48 | 20 |  | -  | -  |  |
| 32X1.5 | 8 | - | 48 | 20 |  | 48 | 32 |  |
| 32X1.6 | 8 | - | 48 | 20 |  | 48 | 32 |  |
| 32X1.7 | 8 | - | 48 | 20 |  | -  | -  |  |
| 32X1.8 | 8 | - | 48 | 20 |  | -  | -  |  |

**Esempio d'ordine** | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

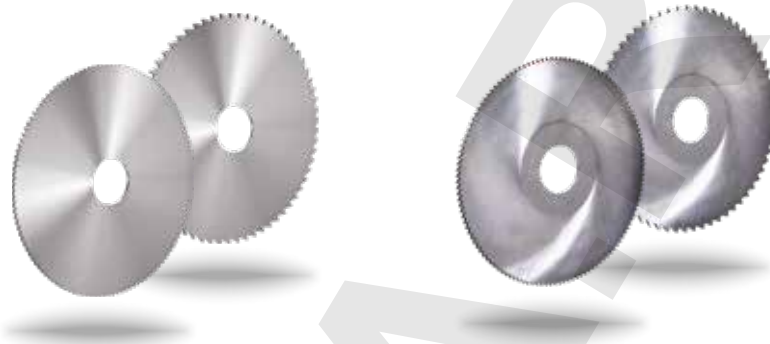
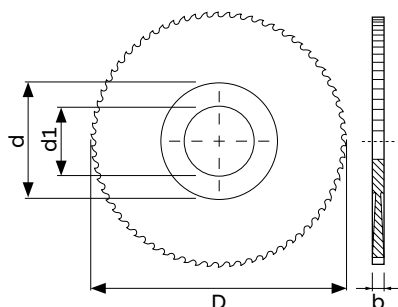
**Ordine minimo 20 pezzi** | Minimum order q.ty 20 pièces | Mindestbestellmenge 20 Stück | Minimum de commande 20 pièces  
Cantitat mínima de pedido 20 uds

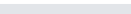
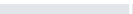
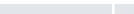
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



| D x b | d <sub>1</sub> | d |  |          |  |          |  |  |  |  |
|-------|----------------|---|-----------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|       |                |   | I6811                                                                             | I6816    |                                                                                   | I6812    | I6817                                                                               |  |                                                                                     |  |
|       |                |   | DIN 1837                                                                          | DIN 1838 |                                                                                   | DIN 1837 | DIN 1838                                                                            |  |                                                                                     |  |
|       |                |   | HM                                                                                |          |                                                                                   | HSS-Co5  |                                                                                     |  |                                                                                     |  |
| D x b | d <sub>1</sub> | d | Z                                                                                 |          |                                                                                   | Z        |                                                                                     |  |                                                                                     |  |

|        |   |   |    |    |    |    |
|--------|---|---|----|----|----|----|
| 32X1.9 | 8 | - | 48 | 20 | -  | -  |
| 32X2   | 8 | - | 48 | 20 | 48 | 32 |
| 32X2.5 | 8 | - | 40 | 20 | 40 | 24 |
| 32X3   | 8 | - | 40 | 20 | 40 | 24 |
| 32X3.5 | 8 | - | -  | -  | 40 | 24 |
| 32X4   | 8 | - | 40 | 18 | 40 | 24 |
| 32X5   | 8 | - | 32 | 18 | 32 | 18 |
| 32X6   | 8 | - | 32 | 18 | 32 | 18 |

|        |    |    |     |    |     |    |
|--------|----|----|-----|----|-----|----|
| 40X.2  | 10 | -  | 128 | 48 | -   | -  |
| 40X.25 | 10 | -  | 100 | 48 | -   | -  |
| 40X.3  | 10 | 18 | 100 | 48 | 100 | 44 |
| 40X.35 | 10 | -  | 100 | 48 | -   | -  |
| 40X.4  | 10 | 18 | 100 | 48 | 100 | 44 |
| 40X.45 | 10 | -  | 80  | 40 | -   | -  |
| 40X.5  | 10 | 18 | 80  | 40 | 80  | 44 |
| 40X.6  | 10 | 18 | 80  | 40 | 80  | 44 |
| 40X.7  | 10 | 18 | 80  | 40 | 80  | 44 |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

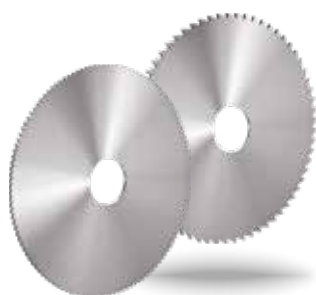
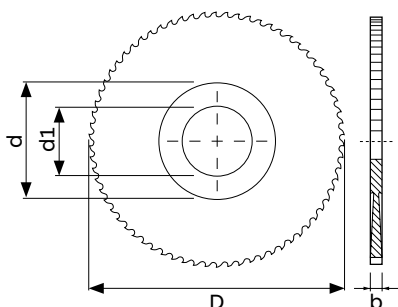
Ordine minimo 10 pezzi | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|        |    |    |    |    |  |    |    |  |
|--------|----|----|----|----|--|----|----|--|
| 40X.8  | 10 | 18 | 80 | 40 |  | 80 | 44 |  |
| 40X.9  | 10 | -  | 64 | 32 |  | -  | -  |  |
| 40X1   | 10 | 18 | 64 | 32 |  | 64 | 44 |  |
| 40X1.1 | 10 | -  | 64 | 32 |  | -  | -  |  |
| 40X1.2 | 10 | 18 | 64 | 32 |  | 64 | 36 |  |
| 40X1.3 | 10 | -  | 64 | 32 |  | -  | -  |  |
| 40X1.4 | 10 | -  | 64 | 32 |  | -  | -  |  |
| 40X1.5 | 10 | 18 | 64 | 32 |  | 64 | 36 |  |
| 40X1.6 | 10 | 18 | 64 | 32 |  | 64 | 36 |  |
| 40X1.7 | 10 | -  | 48 | 32 |  | -  | -  |  |
| 40X1.8 | 10 | -  | 48 | 24 |  | -  | -  |  |
| 40X1.9 | 10 | -  | 48 | 24 |  | -  | -  |  |
| 40X2   | 10 | 18 | 48 | 24 |  | 48 | 36 |  |
| 40X2.5 | 10 | 18 | 48 | 24 |  | 48 | 28 |  |
| 40X3   | 10 | 18 | 48 | 24 |  | 48 | 28 |  |
| 40X3.5 | 10 | 18 | -  | -  |  | 40 | 28 |  |
| 40X4   | 10 | 18 | 40 | 20 |  | 40 | 28 |  |
| 40X5   | 10 | 18 | 40 | 20 |  | 40 | 20 |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

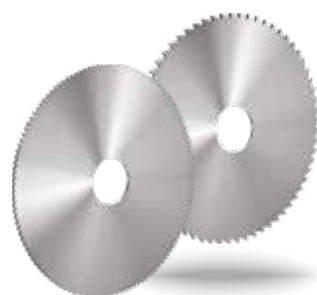
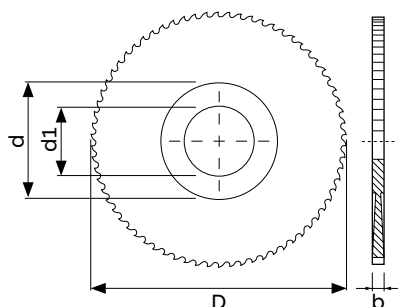
**Ordine minimo 10 pezzi** | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 | HM       |          | HSS-Co5  |          |
|-------|----------------|------------------|----------|----------|----------|----------|
|       |                |                  | I6811    | I6816    | I6812    | I6817    |
|       |                |                  | DIN 1837 | DIN 1838 | DIN 1837 | DIN 1838 |
| D x b | d <sub>1</sub> | d                | Z        |          | Z        |          |

|      |    |    |    |    |    |    |
|------|----|----|----|----|----|----|
| 40X6 | 10 | 18 | 40 | 20 | 40 | 20 |
|------|----|----|----|----|----|----|

|        |    |    |     |    |     |    |
|--------|----|----|-----|----|-----|----|
| 50X.2  | 13 | -  | 128 | 48 | -   | -  |
| 50X.25 | 13 | -  | 128 | 48 | -   | -  |
| 50X.3  | 13 | 25 | 128 | 48 | 128 | 48 |
| 50X.35 | 13 | -  | 100 | 48 | -   | -  |
| 50X.4  | 13 | 25 | 100 | 48 | 100 | 48 |
| 50X.45 | 13 | -  | 100 | 48 | -   | -  |
| 50X.5  | 13 | 25 | 100 | 48 | 100 | 48 |
| 50X.6  | 13 | 25 | 100 | 48 | 100 | 48 |
| 50X.7  | 13 | 25 | 80  | 40 | 80  | 48 |
| 50X.8  | 13 | 25 | 80  | 40 | 80  | 40 |
| 50X.9  | 13 | -  | 80  | 40 | -   | -  |
| 50X1   | 13 | 25 | 80  | 40 | 80  | 40 |
| 50X1.1 | 13 | -  | 80  | 40 | -   | -  |
| 50X1.2 | 13 | 25 | 80  | 40 | 80  | 40 |
| 50X1.3 | 13 | -  | 64  | 32 | -   | -  |
| 50X1.4 | 13 | -  | 64  | 32 | -   | -  |

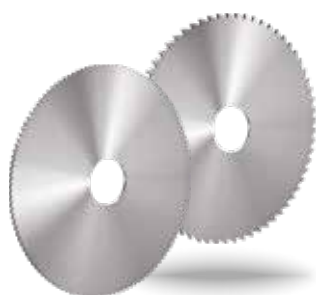
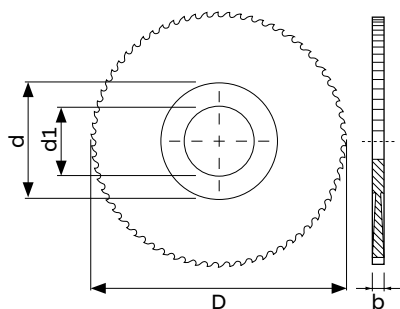
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|        |    |    |    |    |  |    |    |  |
|--------|----|----|----|----|--|----|----|--|
| 50X1.5 | 13 | 25 | 64 | 32 |  | 64 | 40 |  |
| 50X1.6 | 13 | 25 | 64 | 32 |  | 64 | 32 |  |
| 50X1.7 | 13 | -  | 64 | 32 |  | -  | -  |  |
| 50X1.8 | 13 | -  | 64 | 32 |  | -  | -  |  |
| 50X1.9 | 13 | -  | 64 | 32 |  | -  | -  |  |
| 50X2   | 13 | 25 | 64 | 32 |  | 64 | 32 |  |
| 50X2.5 | 13 | 25 | 64 | 32 |  | 64 | 32 |  |
| 50X3   | 13 | 25 | 48 | 24 |  | 48 | 24 |  |
| 50X3.5 | 13 | 25 | -  | -  |  | 48 | 24 |  |
| 50X4   | 13 | 25 | 48 | 24 |  | 48 | 24 |  |
| 50X5   | 13 | 25 | 48 | 24 |  | 48 | 24 |  |
| 50X6   | 13 | 25 | 40 | 20 |  | 40 | 20 |  |

|        |    |    |     |    |  |     |    |  |
|--------|----|----|-----|----|--|-----|----|--|
| 63X.2  | 16 | -  | 160 | 64 |  | -   | -  |  |
| 63X.25 | 16 | -  | 128 | 64 |  | -   | -  |  |
| 63X.3  | 16 | 32 | 128 | 64 |  | 128 | -  |  |
| 63X.35 | 16 | -  | 128 | 64 |  | -   | -  |  |
| 63X.4  | 16 | 32 | 128 | 64 |  | 128 | 64 |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

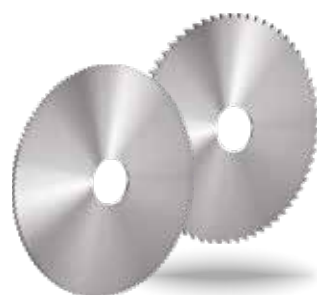
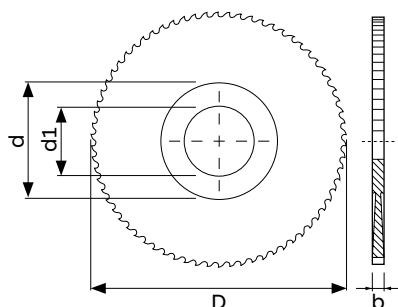
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5



# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 | I6811    | I6816    | I6812    | I6817    |
|-------|----------------|------------------|----------|----------|----------|----------|
|       |                |                  | DIN 1837 | DIN 1838 | DIN 1837 | DIN 1838 |
|       |                |                  | HM       |          | HSS-Co5  |          |
| D x b | d <sub>1</sub> | d                | Z        |          | Z        |          |

|        |    |    |     |    |     |    |
|--------|----|----|-----|----|-----|----|
| 63X.45 | 16 | -  | 128 | 64 | -   | -  |
| 63X.5  | 16 | 32 | 128 | 64 | 128 | 64 |
| 63X.6  | 16 | 32 | 100 | 48 | 100 | 48 |
| 63X.7  | 16 | 32 | 100 | 48 | 100 | 48 |
| 63X.8  | 16 | 32 | 100 | 48 | 100 | 48 |
| 63X.9  | 16 | -  | 100 | 48 | -   | -  |
| 63X1   | 16 | 32 | 100 | 48 | 100 | 48 |
| 63X1.1 | 16 | -  | 80  | 40 | -   | -  |
| 63X1.2 | 16 | 32 | 80  | 40 | 80  | 40 |
| 63X1.3 | 16 | -  | 80  | 40 | -   | -  |
| 63X1.4 | 16 | -  | 80  | 40 | -   | -  |
| 63X1.5 | 16 | 32 | 80  | 40 | 80  | 40 |
| 63X1.6 | 16 | 32 | 80  | 40 | 80  | 40 |
| 63X1.7 | 16 | -  | 80  | 40 | -   | -  |
| 63X1.8 | 16 | -  | 80  | 40 | -   | -  |
| 63X1.9 | 16 | -  | 80  | 40 | -   | -  |
| 63X2   | 16 | 32 | 80  | 40 | 80  | 40 |
| 63X2.5 | 16 | 32 | 80  | 32 | 80  | 32 |

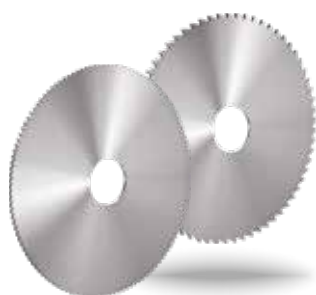
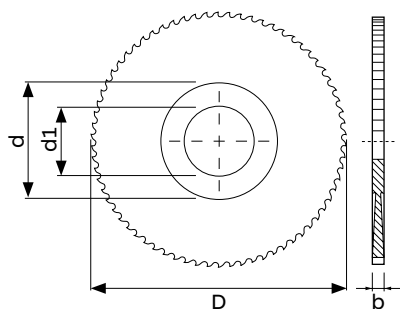
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|              |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|--------------|----------------|------------------|----------|----------|--|----------|----------|--|
|              |                |                  |          |          |  |          |          |  |
|              |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
| <b>D x b</b> | d <sub>1</sub> | d                | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|              |                |                  | HM       |          |  | HSS-Co5  |          |  |
|              |                |                  | Z        |          |  | Z        |          |  |

|        |    |    |    |    |  |    |    |  |
|--------|----|----|----|----|--|----|----|--|
| 63X3   | 16 | 32 | 64 | 32 |  | 64 | 32 |  |
| 63X3.5 | 16 | 32 | -  | -  |  | 64 | 32 |  |
| 63X4   | 16 | 32 | 64 | 32 |  | 64 | 32 |  |
| 63X5   | 16 | 32 | 48 | 24 |  | 48 | 24 |  |
| 63X6   | 16 | 32 | 48 | 24 |  | 48 | 24 |  |

|        |    |   |     |    |  |   |   |  |
|--------|----|---|-----|----|--|---|---|--|
| 70X.25 | 16 | - | 160 | 64 |  | - | - |  |
| 70X.3  | 16 | - | 160 | 64 |  | - | - |  |
| 70X.35 | 16 | - | 160 | 64 |  | - | - |  |
| 70X.4  | 16 | - | 128 | 64 |  | - | - |  |
| 70X.45 | 16 | - | 128 | 64 |  | - | - |  |
| 70X.5  | 16 | - | 128 | 64 |  | - | - |  |
| 70X.6  | 16 | - | 100 | 48 |  | - | - |  |
| 70X.7  | 16 | - | 100 | 48 |  | - | - |  |
| 70X.8  | 16 | - | 100 | 48 |  | - | - |  |
| 70X.9  | 16 | - | 100 | 48 |  | - | - |  |
| 70X1   | 16 | - | 100 | 48 |  | - | - |  |
| 70X1.1 | 16 | - | 80  | 40 |  | - | - |  |

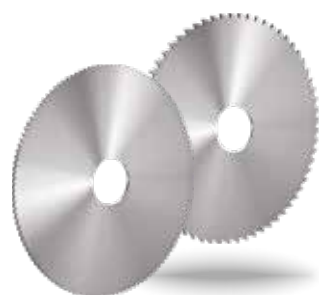
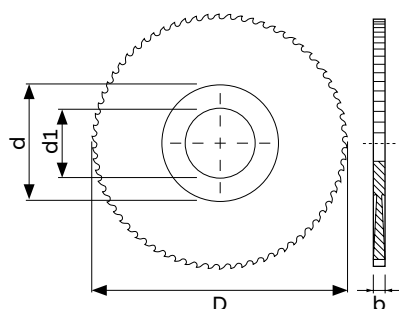
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 | HM       |          | HSS-Co5  |          |
|-------|----------------|------------------|----------|----------|----------|----------|
|       |                |                  | I6811    | I6816    | I6812    | I6817    |
|       |                |                  | DIN 1837 | DIN 1838 | DIN 1837 | DIN 1838 |
| D x b | d <sub>1</sub> | d                | Z        |          | Z        |          |

|        |    |   |    |    |   |   |
|--------|----|---|----|----|---|---|
| 70X1.2 | 16 | - | 80 | 40 | - | - |
| 70X1.3 | 16 | - | 80 | 40 | - | - |
| 70X1.4 | 16 | - | 80 | 40 | - | - |
| 70X1.5 | 16 | - | 80 | 40 | - | - |
| 70X1.6 | 16 | - | 80 | 40 | - | - |
| 70X1.7 | 16 | - | 80 | 40 | - | - |
| 70X1.8 | 16 | - | 80 | 40 | - | - |
| 70X1.9 | 16 | - | 80 | 40 | - | - |
| 70X2   | 16 | - | 80 | 40 | - | - |
| 70X2.5 | 16 | - | 64 | 32 | - | - |
| 70X3   | 16 | - | 64 | 32 | - | - |
| 70X4   | 16 | - | 64 | 32 | - | - |
| 70X5   | 16 | - | 64 | 24 | - | - |
| 70X6   | 16 | - | 64 | 24 | - | - |

|        |    |    |     |    |     |    |
|--------|----|----|-----|----|-----|----|
| 80X.25 | 22 | -  | 160 | 64 | -   | -  |
| 80X.3  | 22 | 36 | 160 | 64 | 160 | 80 |
| 80X.35 | 22 | -  | 160 | 64 | -   | -  |

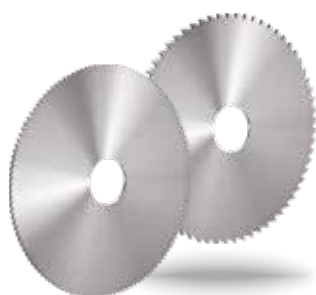
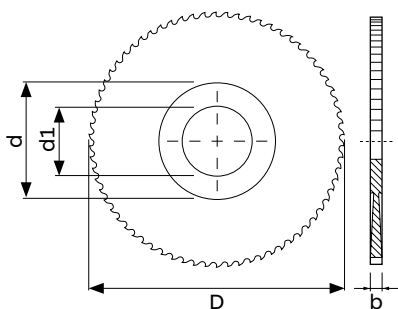
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

## SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIES DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|              |                |                  |                                                                                   |                                                                                   |  |                                                                                     |                                                                                     |  |
|--------------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|              |                |                  |  |  |  |  |  |  |
|              |                | *I6812<br>*I6817 | <b>I6811</b>                                                                      | <b>I6816</b>                                                                      |  | <b>I6812</b>                                                                        | <b>I6817</b>                                                                        |  |
|              |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |  | DIN 1837                                                                            | DIN 1838                                                                            |  |
|              |                |                  | HM                                                                                |                                                                                   |  | HSS-Co5                                                                             |                                                                                     |  |
| <b>D x b</b> | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   |  | Z                                                                                   |                                                                                     |  |

|        |    |    |     |    |  |     |    |  |
|--------|----|----|-----|----|--|-----|----|--|
| 80X.4  | 22 | 36 | 160 | 64 |  | 160 | 80 |  |
| 80X.45 | 22 | -  | 128 | 64 |  | -   | -  |  |
| 80X.5  | 22 | 36 | 128 | 64 |  | 128 | 64 |  |
| 80X.6  | 22 | 36 | 128 | 64 |  | 128 | 64 |  |
| 80X.7  | 22 | 36 | 128 | 64 |  | 128 | 64 |  |
| 80X.8  | 22 | 36 | 128 | 64 |  | 128 | 64 |  |
| 80X.9  | 22 | -  | 100 | 64 |  | -   | -  |  |
| 80X1   | 22 | -  | 100 | 48 |  | 100 | 48 |  |
| 80X1.1 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 80X1.2 | 22 | 36 | 100 | 48 |  | 100 | 48 |  |
| 80X1.3 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 80X1.4 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 80X1.5 | 22 | 36 | 100 | 48 |  | 100 | 48 |  |
| 80X1.6 | 22 | 36 | 100 | 48 |  | 100 | 48 |  |
| 80X1.7 | 22 | -  | 80  | 40 |  | -   | -  |  |
| 80X1.8 | 22 | -  | 80  | 40 |  | -   | -  |  |
| 80X1.9 | 22 | -  | 80  | 40 |  | -   | -  |  |
| 80X2   | 22 | 36 | 80  | 40 |  | 80  | 40 |  |

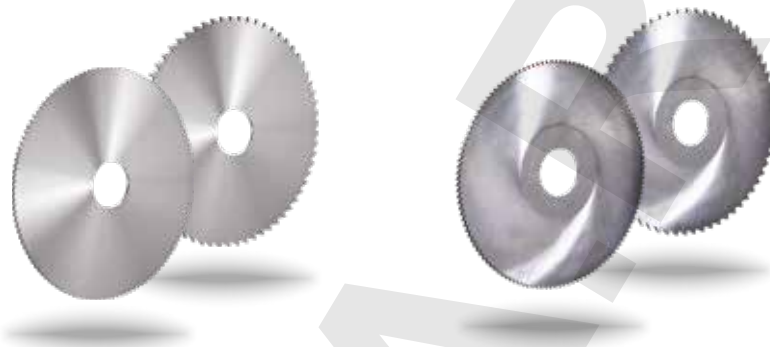
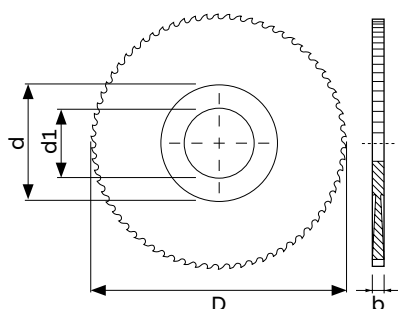
**Esempio d'ordine** | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 | I6811    | I6816    | I6812    | I6817    |
|-------|----------------|------------------|----------|----------|----------|----------|
|       |                |                  | DIN 1837 | DIN 1838 | DIN 1837 | DIN 1838 |
|       |                |                  | HM       |          | HSS-Co5  |          |
| D x b | d <sub>1</sub> | d                | Z        |          | Z        |          |

|        |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|
| 80X2.5 | 22 | 36 | 80 | 40 | 80 | 40 |
| 80X3   | 22 | 36 | 80 | 40 | 80 | 40 |
| 80X3.5 | 22 | -  | -  | -  | 80 | 40 |
| 80X4   | 22 | 36 | 64 | 32 | 64 | 32 |
| 80X5   | 22 | 36 | 64 | 32 | 64 | 32 |
| 80X6   | 22 | 36 | 64 | 32 | 64 | 32 |

|         |    |    |     |    |     |     |
|---------|----|----|-----|----|-----|-----|
| 100X.4  | 22 | -  | 160 | 80 | -   | -   |
| 100X.45 | 22 | -  | 160 | 80 | -   | -   |
| 100X.5  | 22 | 40 | 160 | 80 | 160 | 100 |
| 100X.6  | 22 | 40 | 160 | 80 | 160 | 80  |
| 100X.7  | 22 | 40 | 128 | 64 | 128 | 64  |
| 100X.8  | 22 | 40 | 128 | 64 | 128 | 64  |
| 100X.9  | 22 | -  | 128 | 64 | -   | -   |
| 100X1   | 22 | 40 | 128 | 64 | 128 | 64  |
| 100X1.1 | 22 | -  | 128 | 64 | -   | -   |
| 100X1.2 | 22 | 40 | 128 | 64 | 128 | 64  |
| 100X1.3 | 22 | -  | 100 | 48 | -   | -   |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

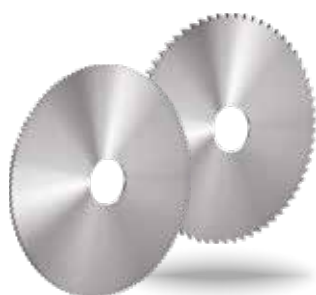
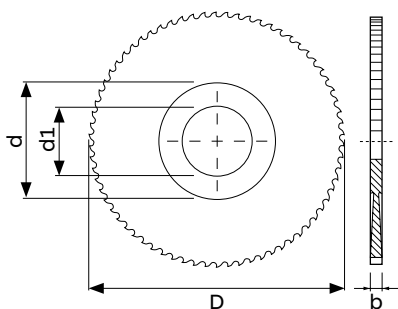
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5



# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|         |    |    |     |    |  |     |    |  |
|---------|----|----|-----|----|--|-----|----|--|
| 100X1.4 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 100X1.5 | 22 | 40 | 100 | 48 |  | 100 | 64 |  |
| 100X1.6 | 22 | 40 | 100 | 48 |  | 100 | 48 |  |
| 100X1.7 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 100X1.8 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 100X1.9 | 22 | -  | 100 | 48 |  | -   | -  |  |
| 100X2   | 22 | -  | 100 | 48 |  | 100 | 48 |  |
| 100X2.5 | 22 | -  | 100 | 48 |  | 100 | 48 |  |
| 100X3   | 22 | -  | 100 | 40 |  | 80  | 40 |  |
| 100X3.5 | 22 | 40 | -   | -  |  | 80  | 40 |  |
| 100X4   | 22 | 40 | 80  | 40 |  | 80  | 40 |  |
| 100X5   | 22 | 40 | 80  | 40 |  | 80  | 40 |  |
| 100X6   | 22 | 40 | 64  | 32 |  | 64  | 32 |  |

|         |    |    |     |    |  |     |     |  |
|---------|----|----|-----|----|--|-----|-----|--|
| 125X.4  | 22 | -  | 160 | -  |  | -   | -   |  |
| 125X.45 | 22 | -  | 160 | -  |  | -   | -   |  |
| 125X.5  | 22 | -  | 160 | 80 |  | -   | -   |  |
| 125X.6  | 22 | 40 | 160 | 80 |  | 160 | 100 |  |

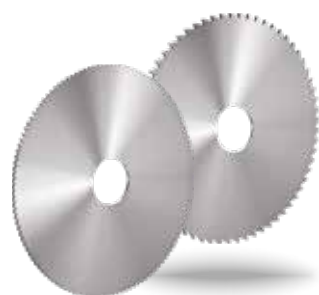
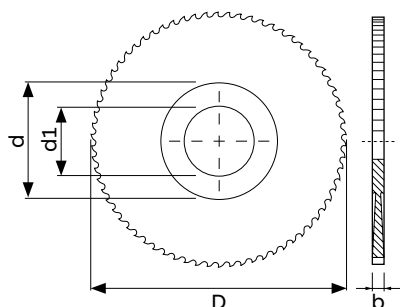
Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|         |    |    |     |    |  |     |     |  |
|---------|----|----|-----|----|--|-----|-----|--|
| 125X.7  | 22 | 40 | 160 | 80 |  | 160 | 100 |  |
| 125X.8  | 22 | 40 | 160 | 80 |  | 160 | 80  |  |
| 125X.9  | 22 | -  | 160 | 80 |  | -   | -   |  |
| 125X1   | 22 | 40 | 160 | 80 |  | 160 | 80  |  |
| 125X1.1 | 22 | -  | 128 | 64 |  | -   | -   |  |
| 125X1.2 | 22 | 40 | 128 | 64 |  | 128 | 64  |  |
| 125X1.3 | 22 | -  | 128 | 64 |  | -   | -   |  |
| 125X1.4 | 22 | -  | 128 | 64 |  | -   | -   |  |
| 125X1.5 | 22 | 40 | 128 | 64 |  | 128 | 64  |  |
| 125X1.6 | 22 | 40 | 128 | 64 |  | 128 | 64  |  |
| 125X1.7 | 22 | -  | 128 | 64 |  | -   | -   |  |
| 125X1.8 | 22 | -  | 128 | 64 |  | -   | -   |  |
| 125X1.9 | 22 | -  | 128 | 64 |  | -   | -   |  |
| 125X2   | 22 | 40 | 128 | 64 |  | 128 | 64  |  |
| 125X2.5 | 22 | 40 | 100 | 48 |  | 100 | 48  |  |
| 125X3   | 22 | 40 | 100 | 48 |  | 100 | 48  |  |
| 125X3.5 | 22 | 40 | -   | -  |  | 100 | 48  |  |
| 125X4   | 22 | 40 | 100 | 48 |  | 100 | 48  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

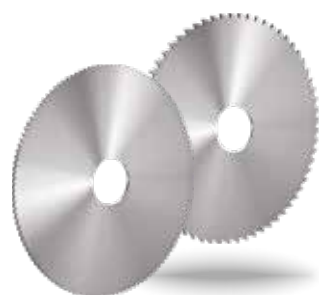
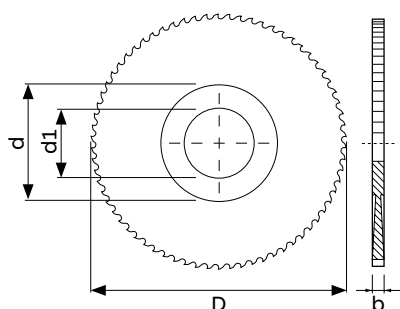
**Ordine minimo 10 pezzi** | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

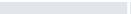
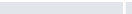
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                |                  |                                                                                   |                                                                                   |   |                                                                                     |                                                                                     |  |
|-------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|       |                | *I6812<br>*I6817 |  |  |   |  |  |  |
|       |                |                  | I6811                                                                             | I6816                                                                             |   | I6812                                                                               | I6817                                                                               |  |
|       |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |   | DIN 1837                                                                            | DIN 1838                                                                            |  |
|       |                |                  | HM                                                                                |                                                                                   |   | HSS-Co5                                                                             |                                                                                     |  |
|       |                |                  | Z                                                                                 |                                                                                   |   | Z                                                                                   |                                                                                     |  |
| D x b | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   | Z |                                                                                     |                                                                                     |  |

|       |    |    |    |    |    |    |  |
|-------|----|----|----|----|----|----|--|
| 125X5 | 22 | 40 | 80 | 40 | 80 | 40 |  |
| 125X6 | 22 | 40 | 80 | 40 | 80 | 40 |  |

|         |    |    |     |    |     |     |  |
|---------|----|----|-----|----|-----|-----|--|
| 150X.7  | 32 | -  | 150 | 80 | -   | -   |  |
| 150X.8  | 32 | -  | 150 | 80 | -   | -   |  |
| 150X.9  | 32 | -  | 150 | 80 | -   | -   |  |
| 150X1   | 32 | 63 | 150 | 80 | 160 | 100 |  |
| 150X1.1 | 32 | -  | 150 | 80 | -   | -   |  |
| 150X1.2 | 32 | 63 | 150 | 80 | 160 | 100 |  |
| 150X1.3 | 32 | -  | 150 | 80 | -   | -   |  |
| 150X1.4 | 32 | -  | 150 | 80 | -   | -   |  |
| 150X1.5 | 32 | 63 | 150 | 80 | 160 | 100 |  |
| 150X1.6 | 32 | 63 | 150 | 64 | 160 | 80  |  |
| 150X1.7 | 32 | -  | 128 | 64 | -   | -   |  |
| 150X1.8 | 32 | -  | 128 | 64 | -   | -   |  |
| 150X1.9 | 32 | -  | 128 | 64 | -   | -   |  |
| 150X2   | 32 | 63 | 128 | 64 | 128 | 80  |  |
| 150X2.5 | 32 | 63 | 128 | 64 | 128 | 80  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

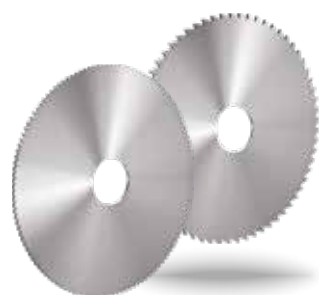
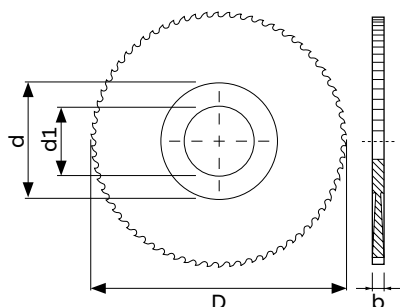
Ordine minimo 10 pezzi | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

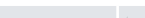
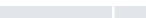
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                |                  |                                                                                   |                                                                                   |  |                                                                                     |                                                                                     |  |
|-------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|       |                | *I6812<br>*I6817 |  |  |  |  |  |  |
|       |                |                  | I6811                                                                             | I6816                                                                             |  | I6812                                                                               | I6817                                                                               |  |
|       |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |  | DIN 1837                                                                            | DIN 1838                                                                            |  |
|       |                |                  | HM                                                                                |                                                                                   |  | HSS-Co5                                                                             |                                                                                     |  |
| D x b | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   |  | Z                                                                                   |                                                                                     |  |

|         |    |    |     |    |  |     |    |  |
|---------|----|----|-----|----|--|-----|----|--|
| 150X3   | 32 | 63 | 128 | 64 |  | 128 | 64 |  |
| 150X3.5 | 32 | -  | -   | -  |  | 128 | 64 |  |
| 150X4   | 32 | 63 | 100 | 64 |  | 100 | 64 |  |
| 150X5   | 32 | 63 | 100 | 48 |  | 80  | 64 |  |
| 150X6   | 32 | 63 | 100 | 48 |  | 80  | 48 |  |

|         |    |    |     |    |  |     |    |  |
|---------|----|----|-----|----|--|-----|----|--|
| 160X.8  | 32 | -  | 160 | 80 |  | -   | -  |  |
| 160X.9  | 32 | -  | 160 | 80 |  | -   | -  |  |
| 160X1   | 32 | 63 | 160 | 80 |  | 160 | 80 |  |
| 160X1.1 | 32 | -  | 160 | 80 |  | -   | -  |  |
| 160X1.2 | 32 | 63 | 160 | 80 |  | 160 | 80 |  |
| 160X1.3 | 32 | -  | 160 | 80 |  | -   | -  |  |
| 160X1.4 | 32 | -  | 160 | 80 |  | -   | -  |  |
| 160X1.5 | 32 | 63 | 160 | 80 |  | 160 | 80 |  |
| 160X1.6 | 32 | 63 | 160 | 80 |  | 160 | 80 |  |
| 160X1.7 | 32 | -  | 160 | 80 |  | -   | -  |  |
| 160X1.8 | 32 | -  | 128 | 80 |  | -   | -  |  |
| 160X1.9 | 32 | -  | 128 | 80 |  | -   | -  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

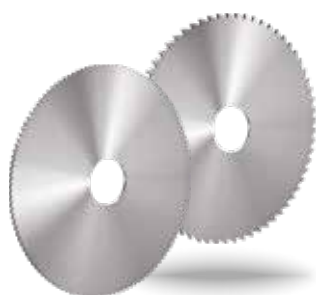
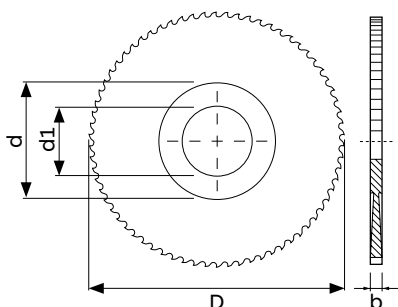
Ordine minimo 10 pezzi | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|         |    |    |     |    |  |     |    |  |
|---------|----|----|-----|----|--|-----|----|--|
| 160X2   | 32 | -  | 128 | 64 |  | 128 | 64 |  |
| 160X2.5 | 32 | -  | 128 | 64 |  | 128 | 64 |  |
| 160X3   | 32 | -  | 128 | 64 |  | 128 | 64 |  |
| 160X3.5 | 32 | 63 | -   | -  |  | 128 | 64 |  |
| 160X4   | 32 | 63 | 100 | 64 |  | 100 | 48 |  |
| 160X5   | 32 | 63 | 100 | 64 |  | 100 | 48 |  |
| 160X6   | 32 | 63 | 100 | 48 |  | 100 | 48 |  |

|         |    |    |   |   |  |     |     |  |
|---------|----|----|---|---|--|-----|-----|--|
| 175X1   | 32 | 63 | - | - |  | 160 | 100 |  |
| 175X1.2 | 32 | 63 | - | - |  | 160 | 100 |  |
| 175X1.5 | 32 | 63 | - | - |  | 160 | 100 |  |
| 175X1.6 | 32 | 63 | - | - |  | 160 | 100 |  |
| 175X2   | 32 | 63 | - | - |  | 128 | 80  |  |
| 175X2.5 | 32 | 63 | - | - |  | 128 | 80  |  |
| 175X3   | 32 | 63 | - | - |  | 128 | 80  |  |
| 175X3.5 | 32 | 63 | - | - |  | 128 | 64  |  |
| 175X4   | 32 | 63 | - | - |  | 128 | 64  |  |
| 175X5   | 32 | 63 | - | - |  | 100 | 64  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

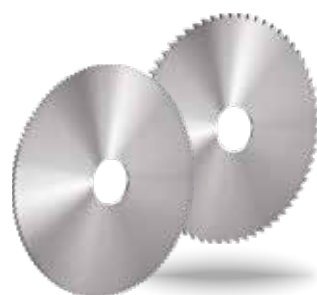
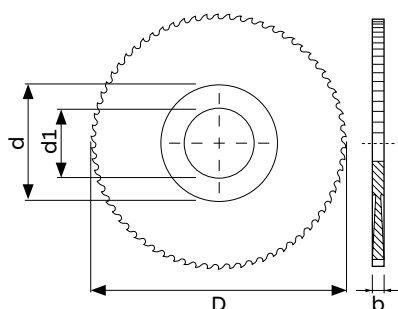
**Ordine minimo 10 pezzi** | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises scies en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIEN DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                | *I6812<br>*I6817 |          |          |  |          |          |  |
|-------|----------------|------------------|----------|----------|--|----------|----------|--|
|       |                |                  |          |          |  |          |          |  |
|       |                |                  | I6811    | I6816    |  | I6812    | I6817    |  |
|       |                |                  | DIN 1837 | DIN 1838 |  | DIN 1837 | DIN 1838 |  |
|       |                |                  | HM       |          |  | HSS-Co5  |          |  |
| D x b | d <sub>1</sub> | d                | Z        |          |  | Z        |          |  |

|       |    |    |   |   |  |     |    |  |
|-------|----|----|---|---|--|-----|----|--|
| 175X6 | 32 | 63 | - | - |  | 100 | 48 |  |
|-------|----|----|---|---|--|-----|----|--|

|         |    |    |     |     |  |     |     |  |
|---------|----|----|-----|-----|--|-----|-----|--|
| 200X1   | 32 | 63 | -   | -   |  | 200 | 100 |  |
| 200X1.2 | 32 | -  | 200 | 100 |  | 200 | 100 |  |
| 200X1.3 | 32 | -  | 200 | 80  |  | -   | -   |  |
| 200X1.4 | 32 | -  | 200 | 80  |  | -   | -   |  |
| 200X1.5 | 32 | 63 | 200 | 80  |  | 200 | 100 |  |
| 200X1.6 | 32 | 63 | 160 | 80  |  | 160 | 80  |  |
| 200X1.7 | 32 | -  | 160 | 80  |  | -   | -   |  |
| 200X1.8 | 32 | -  | 160 | 80  |  | -   | -   |  |
| 200X1.9 | 32 | -  | 160 | 80  |  | -   | -   |  |
| 200X2   | 32 | 63 | 160 | 80  |  | 160 | 80  |  |
| 200X2.5 | 32 | 63 | 160 | 64  |  | 160 | 80  |  |
| 200X3   | 32 | 63 | 128 | -   |  | 128 | 64  |  |
| 200X3.5 | 32 | 63 | -   | -   |  | 128 | 64  |  |
| 200X4   | 32 | 63 | 128 | 64  |  | 128 | 64  |  |
| 200X5   | 32 | 63 | 128 | 64  |  | 128 | 64  |  |
| 200X6   | 32 | 63 | 128 | 64  |  | 100 | 48  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

Ordine minimo 10 pezzi | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

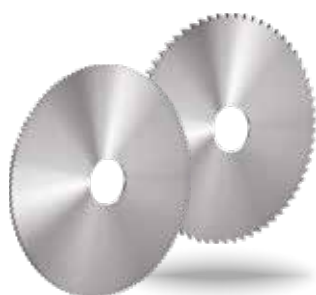
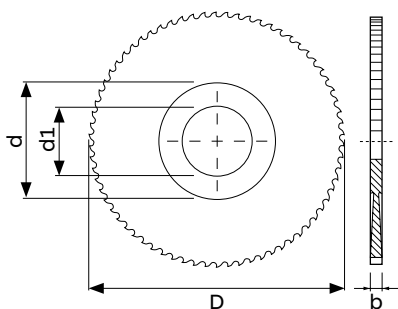
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciens en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

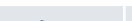


# SEGHE CIRCOLARI CON DENTATURA FINE E GROSSA

CIRCULAR SAW BLADES WITH FINE AND COARSE TEETH | KREISSÄGEBLÄTTER FEIN UND GROSSVERZAHNT  
FRAISES SCIÉS DENTURE FINE ET LARGE | SIERRAS CIRCULARES DENTADO FINO Y GRUESO

| HM | HSS-Co5 | DIN 1837 | DIN 1838 |
|----|---------|----------|----------|
|----|---------|----------|----------|



|       |                |                  |                                                                                   |                                                                                   |  |                                                                                     |                                                                                     |  |
|-------|----------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|       |                | *I6812<br>*I6817 |  |  |  |  |  |  |
|       |                |                  | I6811                                                                             | I6816                                                                             |  | I6812                                                                               | I6817                                                                               |  |
|       |                |                  | DIN 1837                                                                          | DIN 1838                                                                          |  | DIN 1837                                                                            | DIN 1838                                                                            |  |
|       |                |                  | HM                                                                                |                                                                                   |  | HSS-Co5                                                                             |                                                                                     |  |
| D x b | d <sub>1</sub> | d                | Z                                                                                 |                                                                                   |  | Z                                                                                   |                                                                                     |  |

|         |    |    |     |     |     |     |  |
|---------|----|----|-----|-----|-----|-----|--|
| 250X1.5 | 32 | 63 | -   | -   | 200 | 128 |  |
| 250X1.6 | 32 | 63 | -   | -   | 200 | 100 |  |
| 250X2   | 32 | 63 | 200 | 100 | 200 | 100 |  |
| 250X2.5 | 32 | 63 | 160 | 80  | 160 | 80  |  |
| 250X3   | 32 | 63 | 160 | 80  | 160 | 80  |  |
| 250X3.5 | 32 | 63 | -   | -   | 160 | 80  |  |
| 250X4   | 32 | 63 | 160 | 80  | 160 | 80  |  |
| 250X5   | 32 | 63 | 128 | 80  | 128 | 64  |  |
| 250X6   | 32 | 63 | 128 | 80  | 128 | 64  |  |

|         |    |    |   |   |     |     |  |
|---------|----|----|---|---|-----|-----|--|
| 315X2.5 | 40 | 80 | - | - | 200 | 100 |  |
| 315X3   | 40 | 80 | - | - | 200 | 100 |  |
| 315X4   | 40 | 80 | - | - | 160 | 80  |  |
| 315X5   | 40 | 80 | - | - | 160 | 80  |  |
| 315X6   | 40 | 80 | - | - | 160 | 80  |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6811 + (D x b)**

**Ordine minimo 10 pezzi** | Minimum order q.ty 10 pièces | Mindestbestellmenge 10 Stück | Minimum de commande 10 pièces  
Cantidad mínima de pedido 10 uds

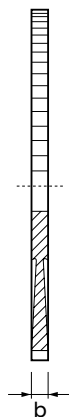
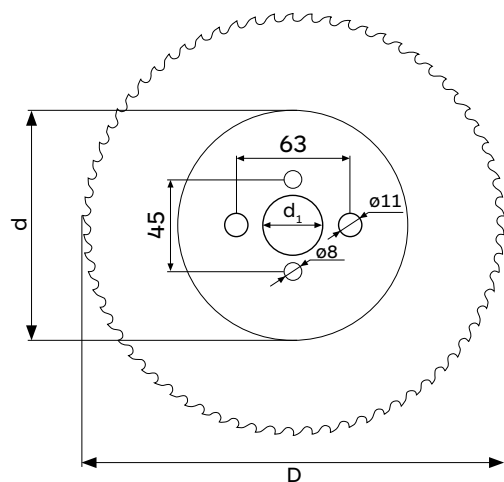
\* Mozzo presente solo nelle seghe in HSS-Co5 | Hub present only in the HSS-Co5 saws | Bund ist nur in den HSS-Co5 Sägeblätter vorhanden  
Epaulement présent seulement sur les fraises sciés en Hss-Co5 | Anillo presente solamente en las sierras en Hss Hss-Co5

## SEGHE CIRCOLARI PER TRONCATRICI

CIRCULAR SAW BLADES FOR CUT-OFF MACHINES | MASCHINENKREISSÄGEBLÄTTER | FRAISES SCIÉS  
POUR MACHINES A TRONCONNER | SIERRAS CIRCULARES PARA MÁQUINAS TRONZADORAS

HSS-Co5

BLACK\*



I6800

HSS-Co5

| D x b     | d <sub>1</sub> | d   | Z   |  |
|-----------|----------------|-----|-----|--|
| 200X1.8   | 32             | 90  | 130 |  |
| 200X1.8   | 32             | 90  | 200 |  |
| 225X2     | 32             | 90  | 140 |  |
| 225X2     | 32             | 90  | 220 |  |
| 250X2     | 32             | 100 | 128 |  |
| 250X2     | 32             | 100 | 160 |  |
| 250X2     | 32             | 100 | 200 |  |
| 250X2     | 32             | 100 | 260 |  |
| 275X2     | 32             | 100 | 140 |  |
| 275X2     | 32             | 100 | 220 |  |
| 300X2.5   | 32             | 100 | 160 |  |
| 300X2.5   | 32             | 100 | 180 |  |
| 300X2.5   | 32             | 100 | 220 |  |
| 300X2.5   | 32             | 100 | 300 |  |
| 315X2.5   | 32             | 100 | 160 |  |
| 315X2.5   | 32             | 100 | 220 |  |
| 350X2.5** | 32             | 120 | 180 |  |
| 350X2.5** | 32             | 120 | 220 |  |

Esempio d'ordine | Ordering example | Bestellbeispiel | Exemple de commande | Ejemplo de pedido: **I6800 + (D x b)**

\* **(BLACK)** Con trattamento di vaporizzazione | With vaporization treatment | Dampfbehandelt | Avec traitement de vaporisation  
Con tratamiento de vaporización

\*\* **(d<sub>1</sub> 40 mm)** A richiesta | Upon request | Auf Anfrage | Sur demande | Bajo pedido

# GUIDA TECNICA

TECHNICAL GUIDE | TECHNISCHE DATEN

GUIDE TECHNIQUE | GUÍA TÉCNICA

**PROPELLER**  
2018

## GUIDA TECNICA

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GUIDE TECHNIQUE | GUÍA TÉCNICA

### PARAMETRI DI TAGLIO CONSIGLIATI

CUTTING PARAMETERS SUGGESTED | EMPFOHLENE SCHNITTDATEN  
PARAMÈTRES DE COUPE RECOMMANDES | PARÁMETROS DE CORTE RECOMENDADOS

| GRUPPO MATERIALI<br>Material groups   Beispiele Material<br>Groupes de matériaux   Grupos de materiales |                                                                                         | $V_c$ (m/1') |         | $f_z$ (mm)   |         |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------|---------|--------------|---------|
|                                                                                                         |                                                                                         | HM           | HSS-Co5 | HM           | HSS-Co5 |
| <b>P<sub>1</sub></b>                                                                                    | ACCIAIO NON LEGATO<br>Unalloyed Steel < 800 N/mm <sup>2</sup>                           | 100/150      | 50/70   | 0,005 - 0,08 |         |
| <b>P<sub>2</sub></b>                                                                                    | ACCIAIO BASSO E MEDIO LEGATO<br>Low and Medium Steel 700/1000 N/mm <sup>2</sup>         | 60/120       | 40/50   | 0,003 - 0,06 |         |
| <b>P<sub>3</sub></b>                                                                                    | ACCIAIO ALTO LEGATO<br>High-Alloyed Steel 1000/1300 N/mm <sup>2</sup>                   | 30/50        | 15/20   | 0,002 - 0,04 |         |
| <b>M<sub>1</sub></b>                                                                                    | ACCIAIO INOSSIDABILE - FERRITICO/MARTENSITICO<br>Stainless Steel - Ferritic/Martensitic | 30/45        | 15/25   | 0,002 - 0,04 |         |
| <b>M<sub>2</sub></b>                                                                                    | ACCIAIO INOSSIDABILE - AUSTENICO<br>Stainless Steel - Austenitic                        | 60/120       | 15/30   | 0,003 - 0,06 |         |
| <b>K<sub>1</sub></b>                                                                                    | GHISA GRIGIA<br>Gray Cast Iron                                                          | 50/140       | 25/35   | 0,003 - 0,06 |         |
| <b>K<sub>2</sub></b>                                                                                    | GHISA SFEROIDALE<br>Nodular Cast Iron                                                   | 30/60        | 15/20   | 0,002 - 0,04 |         |
| <b>N<sub>1</sub></b>                                                                                    | ALLUMINIO E LEGHE DI ALLUMINIO<br>Aluminum & Aluminum Alloys                            | 400/800      | 300/600 | 0,007 - 0,09 |         |
| <b>N<sub>2</sub></b>                                                                                    | OTTONE E LEGHE DI RAME<br>Brass and Copper Alloys                                       | 120/500      | 250/500 | 0,005 - 0,06 |         |
| <b>S<sub>1</sub></b>                                                                                    | TITANIO E LEGHE DI TITANIO<br>Titanium and Titanium Alloys                              | 20/70        | 15/25   | 0,003 - 0,05 |         |
| <b>S<sub>2</sub></b>                                                                                    | LEGHE RESISTENTI AL CALORE<br>Heat Resistant Super Alloys HRSA                          | 20/40        | 10/20   | 0,002 - 0,04 |         |

## FORMULE

FORMULAS | FORMEL  
FORMULE | FÓRMULAS

$$V_c = \frac{3,14 \times D \times n}{1000}$$

$$n = \frac{V_c \times 1000}{D \times 3,14}$$

$$V_f = f_z \times Z \times n$$

- 1 (D) mm | **Diametro utensile** | Tool diameter  
Werkzeugdurchmesser | Diamètre de l'outil  
Diámetro de la herramienta
- 2 (V<sub>c</sub>) m/1' | **Velocità di taglio** | Cutting speed  
Schnittgeschwindigkeit | Vitesse de coupe  
Velocidad de corte
- 3 (n) | **Numeri di giri/minuto** | Revolution per minute  
Umdrehungen pro Minute | Tours par minute  
Revoluciones por minuto
- 4 (V<sub>f</sub>) mm/1' | **Velocità di avanzamento** | Feed Speed  
Vorschubgeschwindigkeit | Vitesse d'avance  
Factor de avance
- 5 (f<sub>z</sub>) mm | **Avanzamento per dente** | Tooth Speed  
Zahnvorschub | Avancement au dent  
Avance por diente
- 6 (Z) | **Numero di denti** | Number of teeth | Zähnezahl  
Nombre de dents | Número de cortes

**AVANZAMENTO (f<sub>z</sub>) COMPRESO TRA 0,001-0,005 PER DENTE IN RELAZIONE AL RAPPORTO:**  
DIAMETRO FRESA, SPESSORE, PROFONDITÀ RADIALE (a<sub>e</sub>), REFRIGERANTE, TIPO DI LAVORAZIONE  
RIGIDITÀ MACCHINA.

**FEED (f<sub>z</sub>) BETWEEN 0,001-0,005 PER TOOTH ACCORDING TO THE RELATION WITH:**  
SAW BLADE DIAMETER, THICKNESS, RADIAL DEPTH (a<sub>e</sub>), COOLANT, TYPE OF MACHINE WORK,  
RIGIDITY OF THE MACHINE.

**VORSCHUB (f<sub>z</sub>) ZWISCHEN 0,001-0,005 PRO ZAHN, IN BEZUG AUF:**  
KREISSÄGEBLATT DURCHMESSER, BREITE, RADIALE TIEFE (a<sub>e</sub>), SCHMIERUNG, BEARBEITUNGSART,  
STEIFHEIT DER MASCHINE.

**AVANCEMENT (f<sub>z</sub>) ENTRE 0,001-0,005 AU DENT, EN RELATION DE:**  
DIAMÈTRE DE LA FRAISE, ÉPAISSEUR, PROFONDITÉ RADIALE (a<sub>e</sub>), LUBRIFICATION, TYPE DE USINAGE,  
RIGIDITÉ DE LA MACHINE.

**AVANCE (f<sub>z</sub>) ENTRE 0,001-0,005 POR LABIOS, EN RELACIÓN CON:**  
DIÁMETRO DE LA SIERRA, ESPESOR, PROFUNDIDAD RADIAL (a<sub>e</sub>), LUBRIFICACIÓN, TIPO DE  
APLICACIÓN, RIGIDEZ DE LA MÁQUINA.

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### CALCOLO DELLO SPESSORE MEDIO DEL TRUCIOLO ( $h_m$ )

CALCULATION AVERAGE CHIP THICKNESS ( $h_m$ ) | BERECHNUNG DER DURCHSCHNITTLICHEN SPANDICKE ( $h_m$ )  
CALCUL POUR L'ÉPAISSEUR MOYENNE DU COPEAU ( $h_m$ ) | CALCULO DEL ESPESOR MEDIO DE LA VIRUTA ( $h_m$ )

$$h_m = f_z \times \sqrt{\frac{a_e}{D}}$$

$$f_z = h_m \times \sqrt{\frac{D}{a_e}}$$

**GRUPPO MATERIALI**  
Material groups  
Beispiele Material  
Groupes de matériaux  
Grupos de materiales

**$h_m$**

**P<sub>1</sub>** 0,015 ÷ 0,030

**P<sub>2</sub>** 0,015 ÷ 0,025

**P<sub>3</sub>** 0,010 ÷ 0,025

**M<sub>1</sub>** 0,010 ÷ 0,025

**M<sub>2</sub>** 0,008 ÷ 0,020

**K<sub>1</sub>** 0,020 ÷ 0,030

**K<sub>2</sub>** 0,015 ÷ 0,030

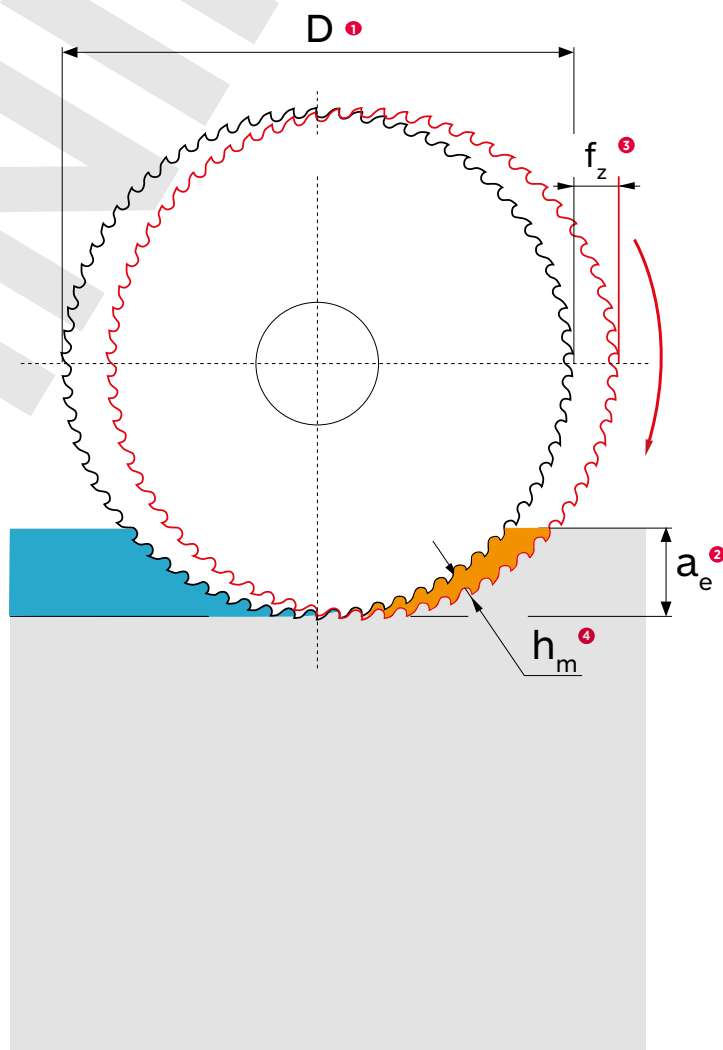
**N<sub>1</sub>** 0,020 ÷ 0,045

**N<sub>2</sub>** 0,015 ÷ 0,035

**S<sub>1</sub>** 0,010 ÷ 0,025

**S<sub>2</sub>** 0,008 ÷ 0,020

- ❶ **(D) mm | Diametro utensile** | Tool diameter  
Werkzeugdurchmesser | Diamètre de l'outil  
Diámetro de la herramienta
- ❷ **(a<sub>e</sub>) | Impegno radiale utensile** | Radial depth  
Radiale Tiefe | Profondeur radiale  
Profundidad radial
- ❸ **(f<sub>z</sub>) mm | Avanzamento per dente** | Tooth Speed  
Zahnvorschub | Avancement au dent  
Avance por diente
- ❹ **(h<sub>m</sub>) | Spessore medio del truciolo** | Average chip thickness  
Durchschnittliche Spandicke | Epaisseur moyenne du copeau | Espesor medio de la viruta





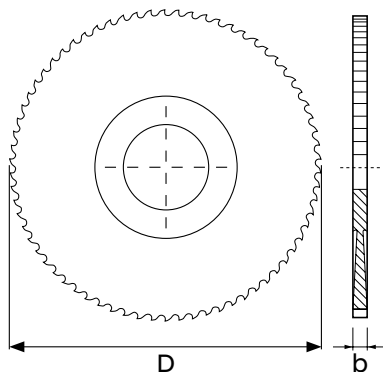
## TOLLERANZE COSTRUTTIVE SEGHE CIRCOLARI

TOLERANCES CIRCULAR SAW BLADES | BAUTOLERANZEN KREISSÄGEBLÄTTER

TOLÉRANCES DE COSTRUCTIONS FRAISES SCIÉS | TOLERANCIAS DE CONSTRUCCIÓN SIERRA CIRCULARES

### UNI DIN 1837 A - DIN 1838 B

| D          | Tolleranze (D)   Tolerances (D)<br>Toleranzen (D)   Tolérances (D)<br>Tolerancias (D) |           | Tolleranze (b)   Tolerances (b)<br>Toleranzen (b)   Tolérances (b)<br>Tolerancias (b) |           |
|------------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----------|
|            | HM                                                                                    | HSS-Co5   | HM                                                                                    | HSS-Co5   |
| 10÷18 mm   | ± 0.35 mm                                                                             | ± 0.35 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 18÷30 mm   | ± 0.42 mm                                                                             | ± 0.42 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 30÷50 mm   | ± 0.50 mm                                                                             | ± 0.50 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 50÷80 mm   | ± 0.60 mm                                                                             | ± 0.60 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 80÷120 mm  | ± 0.70 mm                                                                             | ± 0.70 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 120÷180 mm | ± 0.80 mm                                                                             | ± 0.80 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 180÷250 mm | ± 0.92 mm                                                                             | ± 0.92 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |
| 250÷400 mm | ± 1.00 mm                                                                             | ± 1.00 mm | - 0,005 mm<br>+ 0,015 mm                                                              | ± 0.02 mm |



## RIVESTIMENTI E AFFILATURE SPECIALI A RICHIESTA

SPECIAL COATINGS AND SHARPENINGS ON REQUEST | BESCHICHTUNGEN UND SONDERSCHEIFEN AUF ANFRAGE  
REVÊTEMENTS ET AFFÛTAGES SPÉCIAUX SUR DEMANDE | RECUBRIMIENTOS Y AFILADOS ESPECIALES BAJO DEMANDA

### ■ Rivestimento | Coating | Beschichtung | Revêtement | Recubrimiento

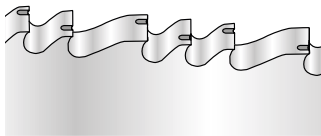
TiN

TiCN

TiAlN

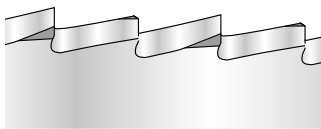
### ■ Affilature speciali | Special sharpening | Sonderschleifen | Affûtages spéciaux | Afilado especial

VP ▶



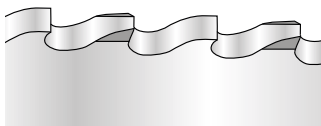
- **Passo variabile utilizzato per il taglio di sezioni molto irregolari che causano forti vibrazioni e rumorosità di taglio.**
- Variable pitch used to cut very irregular sections which cause severe vibrations and noises.
- Variozahn ist geeignet zum Schneiden sehr unregelmäßiger Abschnitte, die starke Vibrationen und Lärm verursachen.
- Pas variable utilisé pour la coupe de sections très irrégulières qui causent fortes vibrations et bruit.
- Paso variable utilizado para secciones de corte muy irregulares que causan grandes vibraciones y ruidos de corte.

AW ▶



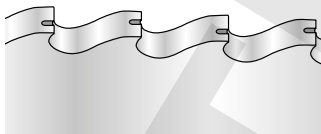
- **Aggiunge al dente standard lo smusso che consente una migliore frantumazione del truciolo.**
- Add to the standard tooth the bevel that allow to optimize the chip shredding.
- Wie Standard Zahn jedoch mit zusätzlicher Fase, was eine bessere Spanteilung garantiert.
- Ajoute au dent standard le chanfrein qui permet une meilleure écrasement du copeau.
- Añade al diente estándar el chaflán que permite una mejor fragmentación de las virutas.

HZ ▶



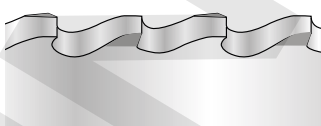
- **Utilizzato per il taglio di solidi o tubi di spessore grosso (>3mm).**
- Used in the solid cutting or to cut thick (>3mm) pipes.
- Geeignet zum Schneiden von Vollmaterialien und Röhren mit dicker Wandstärke(>3mm).
- Utilisé pour la coupe de solides ou tuyaux de grande épaisseur (>3mm).
- Utilizado para el corte de sólidos o de tubos con gran grosor (>3mm).

BR ▶



- **Miglior forma dente per il taglio di tubi su macchine automatiche.**
- Best tooth shape to cut pipe on automatic machines.
- Beste Zahnform zum Schneiden von Röhren auf automatische Maschinen.
- Meilleure forme du dent pour la coupe de tuyaux sur machines automatiques.
- Mejor forma del diente para el corte de tubos con máquinas automáticas

BW ▶



- **Forma standard per il taglio di tubi.**
- Standard tooth shape for the pipe cutting.
- Standard-Zahnform zum Schneiden von Röhren.
- Forme standard pour la coupe de tuyaux.
- Forma estandard para el corte de tubos.



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**2018**



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