

Multi-Flute End Mills
For profile milling.

Fraises goujures multiples
Pour le fraisage de forme.

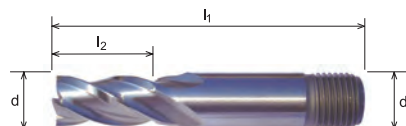
Schafffräser, mehrschneidig
Für das Profilfräsen.

Fresas de forma multi-ranura
Para fresar perfiles.

Многозубые концевые фрезы
Для фрезерования уступов.



OSG GROUP COMPANY



Code
Código
Код

344

| d | l ₂ | l ₁ | d ₁ | Z Teeth Dent Z Z-Verzahnung Dientes Z Количество зубьев Z | Code Código Код | |
|------|----------------|----------------|----------------|---|---|--|
| | | | | | Uncoated Non-Revêtus Unbeschichtet Sin Revestimiento Без Покрытия | TiAlN Coated Revêtus TiAlN TiAlN-beschichtet Revestimiento de TiAlN Покрытие TiAlN |
| 2.5 | 6.5 | 51 | 6 | 4 | 3440250 | 3440250A |
| 3 | 9.5 | 54 | 6 | 4 | 3440300 | 3440300A |
| 3.5 | 12.5 | 57 | 6 | 4 | 3440350 | 3440350A |
| 4 | 12.5 | 57 | 6 | 4 | 3440400 | 3440400A |
| 4.5 | 12.5 | 57 | 6 | 4 | 3440450 | 3440450A |
| 5 | 16 | 60.5 | 6 | 4 | 3440500 | 3440500A |
| 5.5 | 16 | 60.5 | 6 | 4 | 3440550 | 3440550A |
| 6 | 16 | 60.5 | 6 | 4 | 3440600 | 3440600A |
| 6.5 | 16 | 60.5 | 10 | 4 | 3440650 | 3440650A |
| 7 | 15 | 60.5 | 10 | 4 | 3440700 | 3440700A |
| 7.5 | 18 | 63.5 | 10 | 4 | 3440750 | 3440750A |
| 8 | 18 | 63.5 | 10 | 4 | 3440800 | 3440800A |
| 8.5 | 21 | 66.5 | 10 | 4 | 3440850 | 3440850A |
| 9 | 21 | 66.5 | 10 | 4 | 3440900 | 3440900A |
| 9.5 | 21 | 66.5 | 10 | 4 | 3440950 | 3440950A |
| 10 | 21 | 66.5 | 10 | 4 | 3441000 | 3441000A |
| 10.5 | 19 | 66.5 | 12 | 4 | 3441050 | 3441050A |
| 11 | 19 | 66.5 | 12 | 4 | 3441100 | 3441100A |
| 12 | 24 | 70 | 12 | 4 | 3441200 | 3441200A |
| 13 | 24.5 | 70 | 12 | 4 | 3441300 | 3441300A |
| 14 | 28.5 | 73 | 12 | 4 | 3441400 | 3441400A |
| *15 | 26.5 | 71 | 12 | 4 | 3441500 | 3441500A |
| 16 | 26.5 | 77 | 16 | 4 | 3441600 | 3441600A |
| 18 | 35 | 80 | 16 | 4 | 3441800 | 3441800A |
| 19 | 38 | 83.5 | 16 | 4 | 3441900 | 3441900A |
| 20 | 38 | 83.5 | 16 | 4 | 3442000 | 3442000A |
| 22 | 41.5 | 98.5 | 25 | 6 | 3442200 | 3442200A |
| 24 | 41.5 | 98.5 | 25 | 6 | 3442400 | 3442400A |
| 25 | 44.5 | 101.5 | 25 | 6 | 3442500 | 3442500A |
| 28 | 46 | 104.5 | 25 | 6 | 3442800 | 3442800A |
| 30 | 46 | 104.5 | 25 | 6 | 3443000 | 3443000A |
| 32 | 51 | 112.5 | 32 | 6 | 3443200 | 3443200A |
| 35 | 54 | 116 | 32 | 6 | 3443500 | 3443500A |
| 38 | 54 | 116 | 32 | 6 | 3443800 | 3443800A |
| 40 | 55.5 | 117.5 | 32 | 8 | 3444000 | 3444000A |
| 45 | 57 | 119 | 32 | 8 | 3444500 | 3444500A |
| 50 | 65 | 127 | 32 | 8 | 3445000 | 3445000A |

Properties
Propriétés
Eigenschaften
Propiedades
Свойства

| | | |
|----|--------------------------|-----------------|
| mm | BS 122 | HSS Co8e |
| | TYPE N | |
| | 30° | Z 4-8 |
| | UNCOATED TiAlN | |

* Not to BS 122
Non conformes à BS 122
Nicht nach BS 122
No conforme a BS 122
Размер не по BS 122

| | | |
|---|--|--------------------------------|
| Application Anwendung Aplicación Применение | HIGH TENSILE STEELS ACIERS À HAUTE RÉSISTANCE HOCHFESTER STAHL ACERO DE ALTA RESISTENCIA TENSIL ВЫСОКОПРОЧНАЯ СТАЛЬ | GENERAL ALLGEMEINE ОБЩЕЕ |
|---|--|--------------------------------|



Shank Cutters
Fraises à queue
Schafffräser
Cortadoras de mango
Хвостовые фрезы





OSG GROUP COMPANY

Code
Código
Код
345



Multi-Flute End Mills

For profile milling.

Fraises goujures multiples
Pour le fraisage de forme.

Schaftfräser, mehrschneidig
Für das Profilfräsen.

Fresas de forma multi-ranura
Para fresar perfiles.

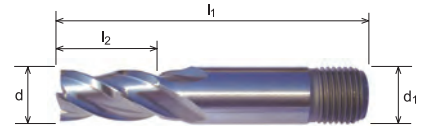
Многозубые концевые фрезы
Для фрезерования уступов.



CENTRE CUT
3/4 and below



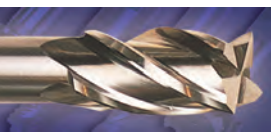
CENTRE HOLE
sizes above 3/4



| Properties Propriétés Eigenschaften Propiedades Свойства | | |
|--|--------------------------|-----------------|
| inch | BS 122 | HSS Co8e |
| | TYPE N | |
| | 30° | Z 4 |
| | UNCOATED TiAIN | |
| | | pgs 149-151 |

| d | l ₂ | l ₁ | d ₁ | Z Teeth Dent Z Z-Verzahnung Dientes Z Количество зубьев Z | Code Código Код | |
|------|----------------|----------------|----------------|---|---|--|
| | | | | | Uncoated Non-Revêtus Unbeschichtet Sin Revestimiento Без Покрытия | TiAIN Coated Revêtus TiAIN TiAIN-beschichtet Revestimiento de TiAIN Покрытие TiAIN |
| 1/8 | 10 | 54 | 1/4 | 4 | 3450318 | 3450318A |
| 1/4 | 16 | 60 | 1/4 | 4 | 3450635 | 3450635A |
| 5/16 | 18 | 64 | 3/8 | 4 | 3450794 | 3450794A |
| 3/8 | 22 | 67 | 3/8 | 4 | 3450953 | 3450953A |
| 7/16 | 22 | 67 | 1/2 | 4 | 3451111 | 3451111A |
| 1/2 | 24 | 70 | 1/2 | 4 | 3451270 | 3451270A |
| 5/8 | 32 | 77 | 5/8 | 4 | 3451588 | 3451588A |
| 3/4 | 38 | 83 | 5/8 | 4 | 3451905 | 3451905A |

| | | |
|---|---|---------------------------------------|
| Application Anwendung Aplicación Применение | HIGH TENSILE STEELS ACIERS À HAUTE RÉSIDENCE HOCHFESTER STAHL ACERO DE ALTA RESISTENCIA TENSIL ВЫСОКОПРОЧНАЯ СТАЛЬ | GENERAL ALLGEMEINE ОБЩЕЕ |
|---|---|---------------------------------------|



Shank Cutters
Fraises à queue
Schaftfräser
Cortadoras de mango
Хвостовые фрезы



shaping your dreams