

# Высокопроизводительные концевые фрезы для чистовой обработки



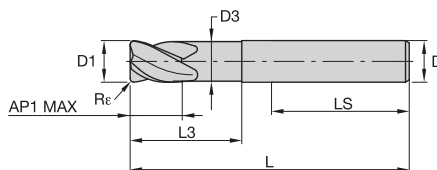
## F4AS...WM-WL-WX — с удлиненной шейкой — с неравномерным шагом зубьев

### Особенности:

- Стандарт изготовителя.
- Стандартные хвостовики и хвостовики Weldon.
- Радиус при вершине — Наличие режущей кромки перекрывающей центр.

### Операции

- Обработка резанием боковых сторон, прорезание пазов и фрезерование с наклонным врезанием.
- Для аэрокосмической промышленности, общего машиностроения, медицинской и автомобильной промышленности.



● лучший выбор

○ альтернативный выбор



|   |   |
|---|---|
| H |   |
| S | ● |
| N |   |
| K | ● |
| M | ● |
| P | ● |

KC633M

|   |   |
|---|---|
| H |   |
| S | ● |
| N |   |
| K | ● |
| M | ● |
| P | ● |

KC633M

### ■ 4-зубая, угол подъема стружечной канавки 38°

| D1    | D3    | D  | Ap1 max | L3 | LS | L   | Rε   | Z U | Каталожный номер  |   |
|-------|-------|----|---------|----|----|-----|------|-----|-------------------|---|
| 6,00  | 5,80  | 6  | 9,0     | 18 | 36 | 63  | 0,50 | 4   | F4AS0600AWM38R050 | ● |
| 6,00  | 5,80  | 6  | 9,0     | 18 | 36 | 63  | 1,00 | 4   | F4AS0600AWM38R100 | ● |
| 8,00  | 7,80  | 8  | 12,0    | 24 | 36 | 68  | 0,50 | 4   | F4AS0800AWM38R050 | ● |
| 8,00  | 7,80  | 8  | 12,0    | 24 | 36 | 68  | 1,00 | 4   | F4AS0800AWM38R100 | ● |
| 10,00 | 9,50  | 10 | 15,0    | 30 | 40 | 76  | 0,50 | 4   | F4AS1000AWL38R050 | ● |
| 10,00 | 9,50  | 10 | 15,0    | 30 | 40 | 76  | 1,00 | 4   | F4AS1000AWL38R100 | ● |
| 10,00 | 9,50  | 10 | 15,0    | 30 | 40 | 76  | 2,00 | 4   | F4AS1000AWL38R200 | ● |
| 10,00 | 9,50  | 10 | 15,0    | 30 | 40 | 76  | 3,00 | 4   | F4AS1000AWL38R300 | ● |
| 10,00 | 9,50  | 10 | 15,0    | 30 | 40 | 76  | 4,00 | 4   | F4AS1000AWL38R400 | ● |
| 12,00 | 11,50 | 12 | 18,0    | 36 | 45 | 84  | 0,50 | 4   | F4AS1200AWL38R050 | ● |
| 12,00 | 11,50 | 12 | 18,0    | 36 | 45 | 84  | 1,00 | 4   | F4AS1200AWL38R100 | ● |
| 12,00 | 11,50 | 12 | 18,0    | 36 | 45 | 84  | 2,00 | 4   | F4AS1200AWL38R200 | ● |
| 12,00 | 11,50 | 12 | 18,0    | 36 | 45 | 84  | 3,00 | 4   | F4AS1200AWL38R300 | ● |
| 12,00 | 11,50 | 12 | 18,0    | 36 | 45 | 84  | 4,00 | 4   | F4AS1200AWL38R400 | ● |
| 16,00 | 15,00 | 16 | 24,0    | 48 | 48 | 100 | 0,50 | 4   | F4AS1600AWX38R050 | ● |
| 16,00 | 15,00 | 16 | 24,0    | 48 | 48 | 100 | 1,00 | 4   | F4AS1600AWX38R100 | ● |
| 16,00 | 15,00 | 16 | 24,0    | 48 | 48 | 100 | 2,00 | 4   | F4AS1600AWX38R200 | ● |
| 16,00 | 15,00 | 16 | 24,0    | 48 | 48 | 100 | 3,00 | 4   | F4AS1600AWX38R300 | ● |
| 16,00 | 15,00 | 16 | 24,0    | 48 | 48 | 100 | 4,00 | 4   | F4AS1600AWX38R400 | ● |
| 20,00 | 19,00 | 20 | 30,0    | 60 | 50 | 115 | 0,50 | 4   | F4AS2000AWX38R050 | ● |
| 20,00 | 19,00 | 20 | 30,0    | 60 | 50 | 115 | 1,00 | 4   | F4AS2000AWX38R100 | ● |
| 20,00 | 19,00 | 20 | 30,0    | 60 | 50 | 115 | 2,00 | 4   | F4AS2000AWX38R200 | ● |
| 20,00 | 19,00 | 20 | 30,0    | 60 | 50 | 115 | 3,00 | 4   | F4AS2000AWX38R300 | ● |
| 20,00 | 19,00 | 20 | 30,0    | 60 | 50 | 115 | 4,00 | 4   | F4AS2000AWX38R400 | ● |
| 25,00 | 24,00 | 25 | 37,5    | 75 | 56 | 135 | 0,50 | 4   | F4AS2500AWX38R050 | ● |
| 25,00 | 24,00 | 25 | 37,5    | 75 | 56 | 135 | 1,00 | 4   | F4AS2500AWX38R100 | ● |
| 25,00 | 24,00 | 25 | 37,5    | 75 | 56 | 135 | 2,00 | 4   | F4AS2500AWX38R200 | ● |
| 25,00 | 24,00 | 25 | 37,5    | 75 | 56 | 135 | 3,00 | 4   | F4AS2500AWX38R300 | ● |
| 25,00 | 24,00 | 25 | 37,5    | 75 | 56 | 135 | 4,00 | 4   | F4AS2500AWX38R400 | ● |

| Каталожный номер  |   |
|-------------------|---|
| F4AS0600BWM38R050 | ● |
| F4AS0600BWM38R100 | ● |
| F4AS0800BWM38R050 | ● |
| F4AS0800BWM38R100 | ● |
| F4AS1000BWL38R050 | ● |
| F4AS1000BWL38R100 | ● |
| F4AS1000BWL38R200 | ● |
| F4AS1000BWL38R300 | ● |
| F4AS1000BWL38R400 | ● |
| F4AS1200BWL38R050 | ● |
| F4AS1200BWL38R100 | ● |
| F4AS1200BWL38R200 | ● |
| F4AS1200BWL38R300 | ● |
| F4AS1200BWL38R400 | ● |
| F4AS1600BWV38R050 | ● |
| F4AS1600BWV38R100 | ● |
| F4AS1600BWV38R200 | ● |
| F4AS1600BWV38R300 | ● |
| F4AS1600BWV38R400 | ● |
| F4AS2000BWV38R050 | ● |
| F4AS2000BWV38R100 | ● |
| F4AS2000BWV38R200 | ● |
| F4AS2000BWV38R300 | ● |
| F4AS2000BWV38R400 | ● |
| F4AS2500BWV38R050 | ● |
| F4AS2500BWV38R100 | ● |
| F4AS2500BWV38R200 | ● |
| F4AS2500BWV38R300 | ● |
| F4AS2500BWV38R400 | ● |

Данные о применении приведены на стр. E36

Пример заказа:

Хвостовик формы А (прямой): F4AS0600AWM38R050 KC633M

Хвостовик формы В (Weldon): F4AS0600BWM38R050 KC633M