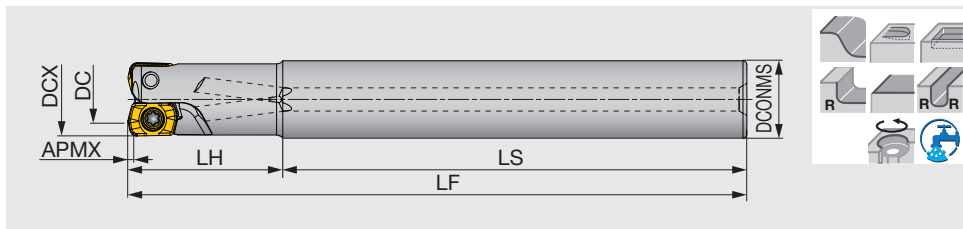


High Feed  
Milling**TUNGFEED**  
EXLS

High feed endmill, shank type

GAMP = +4°, GAMF = -21° ~ -17°



| Designation            | APMX | DCX | CICT | DC    | DCONMS | LS | LH | LF  | WT (kg) | Air hole | Insert    |
|------------------------|------|-----|------|-------|--------|----|----|-----|---------|----------|-----------|
| EXLS02M008C08.0LH16R01 | 0.5  | 8   | 1    | 4.29  | 8      | 59 | 16 | 75  | 0.02    | With     | LSMT02... |
| EXLS02M008C08.0LH30R01 | 0.5  | 8   | 1    | 4.29  | 8      | 59 | 31 | 90  | 0.03    | With     | LSMT02... |
| EXLS02M010C10.0LH20R02 | 0.5  | 10  | 2    | 6.28  | 10     | 60 | 20 | 80  | 0.04    | With     | LSMT02... |
| EXLS02M010C10.0LH40R02 | 0.5  | 10  | 2    | 6.28  | 10     | 60 | 40 | 100 | 0.05    | With     | LSMT02... |
| EXLS02M010C08.0LH20R02 | 0.5  | 10  | 2    | 6.28  | 8      | 60 | 20 | 80  | 0.03    | With     | LSMT02... |
| EXLS02M012C12.0LH50R02 | 0.5  | 12  | 2    | 8.31  | 12     | 60 | 50 | 110 | 0.08    | With     | LSMT02... |
| EXLS02M012C12.0LH20R03 | 0.5  | 12  | 3    | 8.31  | 12     | 60 | 20 | 80  | 0.06    | With     | LSMT02... |
| EXLS02M012C10.0LH20R03 | 0.5  | 12  | 3    | 8.31  | 10     | 60 | 20 | 80  | 0.04    | With     | LSMT02... |
| EXLS02M016C16.0LH50R03 | 0.5  | 16  | 3    | 12.31 | 16     | 70 | 50 | 120 | 0.17    | With     | LSMT02... |
| EXLS02M016C16.0LH30R05 | 0.5  | 16  | 5    | 12.31 | 16     | 70 | 30 | 100 | 0.14    | With     | LSMT02... |

## SPARE PARTS

| Designation | Clamping screw | Lubricant | Wrench |
|-------------|----------------|-----------|--------|
| EXLS02M...  | CSPB-2H        | M-1000    | IP-6DB |

\*Recommended clamping torque (N·m): CSPB-2H=0.7

Approach  
angle

10°-20°

45°

70°

85°

88°

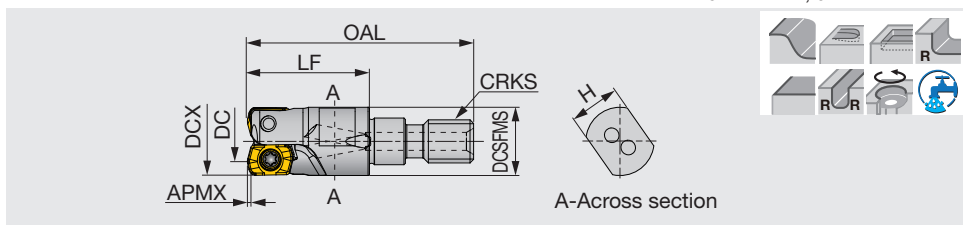
90°

Others

**TUNGFEED**  
HXLS

High feed endmill, shank type

GAMP = +4°, GAMF = -21° ~ -17°



| Designation      | APMX | DCX | CICT | DC    | OAL  | LF | H  | DCSFMS | CRKS | WT (kg) | Air hole | Insert    |
|------------------|------|-----|------|-------|------|----|----|--------|------|---------|----------|-----------|
| HXLS02M008M06R01 | 0.5  | 8   | 1    | 4.29  | 33.5 | 19 | 7  | 9.5    | M6   | 0.01    | With     | LSMT02... |
| HXLS02M010M06R02 | 0.5  | 10  | 2    | 6.28  | 31.5 | 17 | 7  | 9.5    | M6   | 0.01    | With     | LSMT02... |
| HXLS02M012M06R02 | 0.5  | 12  | 2    | 8.31  | 31.5 | 17 | 7  | 10     | M6   | 0.01    | With     | LSMT02... |
| HXLS02M012M06R03 | 0.5  | 12  | 3    | 8.31  | 31.5 | 17 | 7  | 10     | M6   | 0.01    | With     | LSMT02... |
| HXLS02M016M08R03 | 0.5  | 16  | 3    | 12.31 | 40   | 23 | 10 | 13     | M8   | 0.03    | With     | LSMT02... |
| HXLS02M016M08R05 | 0.5  | 16  | 5    | 12.31 | 40   | 23 | 10 | 13     | M8   | 0.03    | With     | LSMT02... |

## SPARE PARTS

| Designation | Clamping screw | Lubricant | Wrench |
|-------------|----------------|-----------|--------|
| HXLS02M...  | CSPB-2H        | M-1000    | IP-6DB |

\*Recommended clamping torque (N·m): CSPB-2H=0.7

Reference pages: Inserts → **H023**, Standard cutting conditions → **H024 - H025**, TungFlex → **H210**