

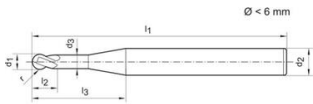
## FORMAT Spherical cutter, N, solid carbide, TiAlN type 2422



Design: Solid carbide NANO,type N, according to company standard, with centre cut.

Cutting speed approx. 50% higher than with non-coated tools. Dry machining possible.

Application: Can be used for copy milling. The neck chip channel makes optimum tool range possible and thus makes it suitable for mould-making applications. The tool life increases with minimum quantity lubrication or air cooling. The tool can either be used with a pivoted or straight spindle.  
Suitable for HSC machining up to 70 HRC.



### Characteristics

**Type:** Ball nose end mill

**DIN standard:** DIN 6535-HA

| Type               | Maximum working length<br>mm | Shaft diameter<br>mm | Total length<br>mm | DIN standard | Article  |
|--------------------|------------------------------|----------------------|--------------------|--------------|----------|
| Ball nose end mill | 7                            | 4                    | 40                 | DIN 6535-HA  | 12050055 |
| Ball nose end mill | 25                           | 6                    | 50                 | DIN 6535-HA  | 12050060 |
| Ball nose end mill | 5                            | 6                    | 60                 | DIN 6535-HA  | 12050064 |
| Ball nose end mill | 15                           | 6                    | 50                 | DIN 6535-HA  | 12050058 |
| Ball nose end mill | 7                            | 6                    | 60                 | DIN 6535-HA  | 12050068 |
| Ball nose end mill | 4                            | 6                    | 60                 | DIN 6535-HA  | 12050062 |
| Ball nose end mill | 2                            | 6                    | 50                 | DIN 6535-HA  | 12050059 |
| Ball nose end mill | 6                            | 6                    | 60                 | DIN 6535-HA  | 12050066 |
| Ball nose end mill | 9                            | 8                    | 80                 | DIN 6535-HA  | 12050069 |
| Ball nose end mill | 11                           | 10                   | 80                 | DIN 6535-HA  | 12050070 |

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