

Tungsten carbide bur with MX teeth

Standard milling bit with staggered tooth system for universal machining of steel with a hardness < 60 HRC, cast iron, stainless steel, special alloys, hard and tough materials (e.g. Hardox) and hard non-ferrous metals.

- Produces short chips and a high surface quality
- Manufactured in accordance with strict quality standards including full inspection of soldered connections
- Sustainable product packaging made of 100 % PCR (recycled plastic from household waste), 100 % recyclable and Cradle to Cradle Certified® Bronze



Illustration only



Material to be processed	Steel, Cast metal, Stainless steel, Special alloy, Hard and tough material, Non-ferrous metal
Suitable for hardnesses up to	60 HRC
Quality	Würth-Standard
Teeth type	MX
Cutting material	Carbide
Surface	Plain
Service life	●●○○
Cutting efficiency (point system)	●●○○
Surface quality/finish	●●○○
Versatility	●●●○
Guiding behaviour (point system)	●●○○
Shank style	Cylindrical
Color Coding System	■ Stainless steel ■ Steel ■ Non-ferrous metal ■ High-strength material

Form	Head diameter x cutting edge length	Length	Shaft diameter	Art. no.	P. Qty.
Ball shape	3 x 2.5 mm	38 mm	3 mm	0616 003 000	1
Ball shape	6 x 4.7 mm	50 mm	6 mm	0616 003 010	1
Ball shape	8 x 7 mm	52 mm	6 mm	0616 003 021	1
Ball shape	9.6 x 8 mm	54 mm	6 mm	0616 003 031	1
Ball shape	12 x 11 mm	56 mm	6 mm	0616 003 041	1
Cone with rounded end	3 x 13 mm	38 mm	3 mm	0616 009 000	1
Cone with rounded end	6 x 16 mm	50 mm	6 mm	0616 009 011	1
Cone with rounded end	8 x 22 mm	67 mm	6 mm	0616 009 021	1
Cone with rounded end	10 x 20 mm	65 mm	6 mm	0616 009 031	1
Cone with rounded end	12 x 25 mm	70 mm	6 mm	0616 009 041	1
Conical pointed	3 x 11 mm	38 mm	3 mm	0616 008 000	1
Conical pointed	6 x 20 mm	50 mm	6 mm	0616 008 011	1
Conical pointed	8 x 20 mm	65 mm	6 mm	0616 008 021	1
Conical pointed	10 x 20 mm	65 mm	6 mm	0616 008 031	1
Conical pointed	12 x 25 mm	70 mm	6 mm	0616 008 041	1
Cylindrical	3 x 14 mm	38 mm	3 mm	0616 000 000	1

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Form	Head diameter x cutting edge length	Length	Shaft diameter	Art. no.	P. Qty.
Cylindrical	6 x 18 mm	50 mm	6 mm	0616 000 011	1
Cylindrical	8 x 18 mm	63 mm	6 mm	0616 000 021	1
Cylindrical	10 x 20 mm	65 mm	6 mm	0616 000 031	1
Cylindrical	12 x 25 mm	70 mm	6 mm	0616 000 041	1/5
Cylindrical shape	3 x 13 mm	40 mm	3 mm	0616 002 000	1
Cylindrical shape	6 x 18 mm	50 mm	6 mm	0616 002 011	1
Cylindrical shape	8 x 19 mm	64 mm	6 mm	0616 002 021	1
Cylindrical shape	9.6 x 19 mm	64 mm	6 mm	0616 002 031	1
Cylindrical shape	12 x 25 mm	70 mm	6 mm	0616 002 041	1
Cylindrical shape with spur cut	3 x 14 mm	38 mm	3 mm	0616 001 000	1
Cylindrical shape with spur cut	6 x 18 mm	50 mm	6 mm	0616 001 011	1
Cylindrical shape with spur cut	8 x 19 mm	64 mm	6 mm	0616 001 021	1
Cylindrical shape with spur cut	9.6 x 19 mm	64 mm	6 mm	0616 001 031	1
Cylindrical shape with spur cut	12 x 25 mm	70 mm	6 mm	0616 001 041	1
Drop shape	3 x 6 mm	38 mm	3 mm	0616 005 000	1
Drop shape	6 x 10 mm	50 mm	6 mm	0616 005 011	1
Drop shape	8 x 15 mm	60 mm	6 mm	0616 005 021	1
Drop shape	10 x 16 mm	61 mm	6 mm	0616 005 031	1
Drop shape	12 x 21 mm	66 mm	6 mm	0616 005 041	1
Flame configuration	3 x 7 mm	38 mm	3 mm	0616 006 000	1
Flame configuration	6 x 18 mm	50 mm	6 mm	0616 006 011	1
Flame configuration	8 x 19 mm	64 mm	6 mm	0616 006 021	1
Flame configuration	10 x 25 mm	70 mm	6 mm	0616 006 031	1
Flame configuration	12 x 30 mm	75 mm	6 mm	0616 006 041	1
Ogive shape	3 x 14 mm	38 mm	3 mm	0616 007 000	1
Ogive shape	6 x 18 mm	50 mm	6 mm	0616 007 011	1
Ogive shape	8 x 19 mm	64 mm	6 mm	0616 007 021	1
Ogive shape	9.6 x 19 mm	64 mm	6 mm	0616 007 031	1
Ogive shape	12 x 25 mm	70 mm	6 mm	0616 007 041	1
Semicircular shape	3 x 14 mm	38 mm	3 mm	0616 004 000	1
Semicircular shape	6 x 18 mm	50 mm	6 mm	0616 004 011	1
Semicircular shape	8 x 20 mm	65 mm	6 mm	0616 004 021	1
Semicircular shape	10 x 20 mm	65 mm	6 mm	0616 004 031	1
Semicircular shape	12 x 25 mm	70 mm	6 mm	0616 004 041	1

Details/Application

Deburring, working contours, surface machining, weld seam processing, shaping, chamfering/rounding edges

Notice

Wear appropriate protective equipment when using the sanding tip, such as eye protection, hearing protection and protective gloves. Please note the recommended rotation speed (n) and cutting speed (Vc) for the material being processed as well as the tool/material assignments in the overview tables. Before using the sanding tip, please ensure that the tip rotates properly and that the clamping function on the tool drive works correctly. Do not choose a clamping length that is too small. We recommend a minimum clamping length of approx. 2/3 of the shaft length. Discolouration may occur on the shaft due to the high cutting performance. This discolouration is caused by the extremely high temperature that the tool reaches and does not pose a safety risk. Materials are generally processed in reverse rotation. Suitable tool drives: flexible shaft drives, straight grinders, robots,