



Road milling machines

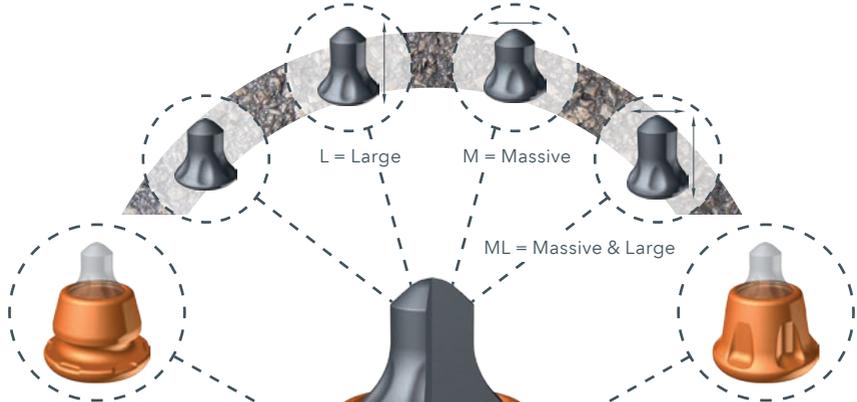
PICKS

GENERATION X²

CLOSE TO OUR CUSTOMERS

Picks with cap-shaped carbide tips

CARBIDE TIPS



PICK VERSIONS

-  **W4-G/20X²**
2642519
-  **W5-G/20X²**
2642520
-  **W6-G/20X²**
2642522
-  **W6L-G/20X²**
2642524
-  **W6ML-G/20X²**
2642528
-  **W7-G/20X²**
2642530
-  **W8-G/20X²**
2642535

PICK VERSIONS

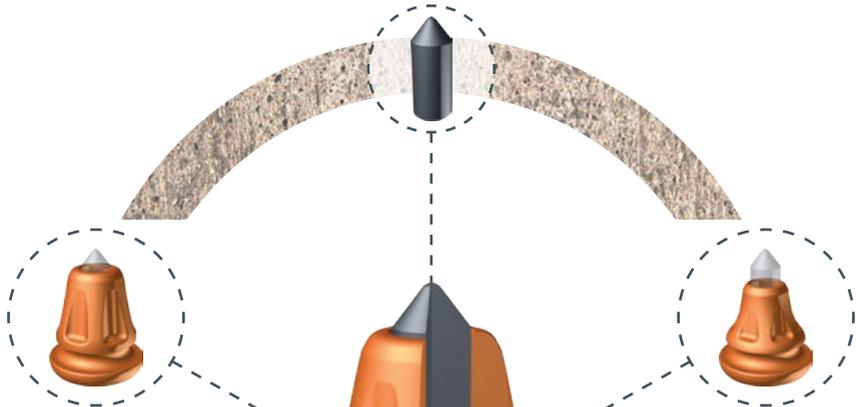
-  **W5/20X²**
2642521
-  **W6/20X²**
2642523
-  **W6L/20X²**
2642525
-  **W6M/20X²**
2642526
-  **W6ML/20X²**
2642529
-  **W7/20X²**
2642532
-  **W7M/20X²**
2642534
-  **W8/20X²**
2642537


SHANK DIAMETER
 /20: $\varnothing = 20 \text{ mm}$



Picks with cylindrical carbide tips

CARBIDE TIPS



PICK HEADS

G = Groove
with extractor groove

PICK HEADS

NG = Narrow, Groove
slim pick head
with extractor groove

PICK VERSIONS



W1-10-G/20X²
2642516



W1-13-G/20X²
2642517



W1-15-G/20X²
2642518

PICK VERSIONS



W1-10-NG/20X²
2642539



∅
SHANK DIAMETER
/20: ∅ = 20 mm

Material to be milled	Carbide size	Performance class, machine type		Small milling machines	
		Pick designation, Part No.		0.35 m	0.5 m
		with extractor groove	without extractor groove	W 35 DC, W 35 Ri	W 50, W 50 H, W 55 H, W 50 DC, W 50 R, W 60 R
Asphalt (cap-shaped carbide tips)	W4	 W4-G/20X² # 2642519		● ●	● ●
	W5	 W5-G/20X² # 2642520	 W5/20X² # 2642521	○	●
	W6	 W6-G/20X² # 2642522	 W6/20X² # 2642523	○	○
	W7	 W7-G/20X² # 2642530	 W7/20X² # 2642532	○	○
	W8	 W8-G/20X² # 2642535	 W8/20X² # 2642537	○	○
Concrete (cylindrical carbide tips)	W1	 W1-10-G/20X² # 2642516		● ●	● ●
		 W1-13-G/20X² # 2642517		○	○

● ● Highly recommendable

● Recommendable

○ Conditionally recommendable

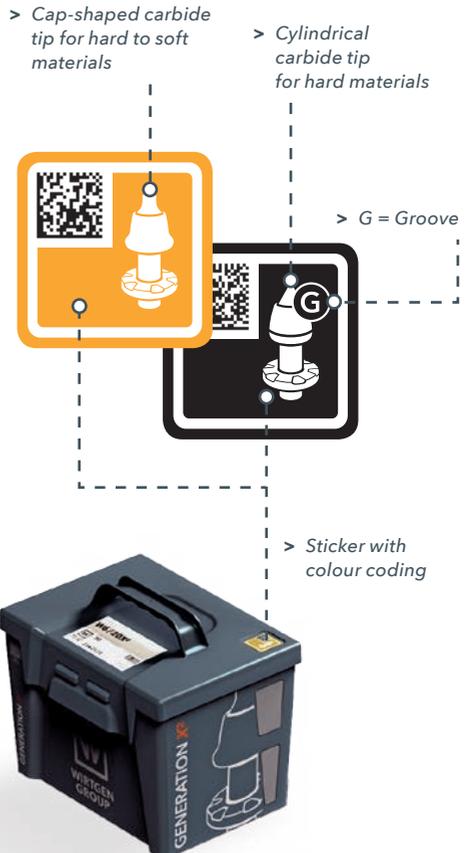


		Compact milling machines	Large milling machines
	1 m rear		
	W 60, W 100 (L), W 100 (H), W 100 R, W 130 H	W 100 F, W 120 F, W 130 F, W 100 CF, W 120 CF, W 130 CF, W 150, W 150 CF	W 1500, W 1900, W 195, W 2000, W 200, W 200 F, W 207 Fi, W 205, W 200 H, W 215, W 210, W 210 Fi, W 210 XP, W 2100, W 220, W 2200, W 250, W 240 CR, W 380 CR
	●	○	○
	●●	●	○
	●	●●	●
	○	●	●●
	○	○	●
	●●	●●	●
	○	○	●●

Specifications also valid for all machines in "i" version

RECOMMENDATIONS FOR APPLICATION

It is now much easier to select the right pick for use even quicker thanks to the practical **GENERATION X²** colour coding. The different carbide sizes are marked by different colours (e.g. W1-10-G ... = black; W6 ... = orange, etc.). The letter G (for groove) on the pick symbol allows the user to determine instantly whether picks have an extraction groove or not.



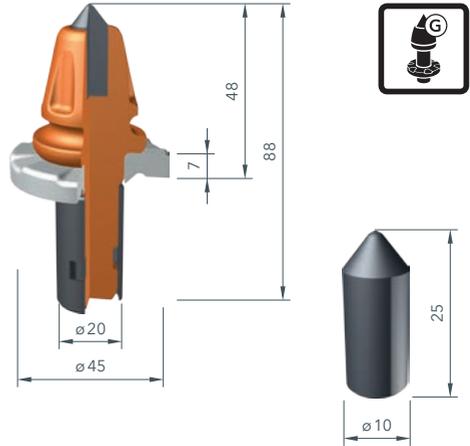
W1-10-G / 20X²**Part No.: 2642516**

Type	Meaning
W1	Cylindrical carbide tip for removing concrete
-10	10 mm carbide tip diameter
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic

Quantity per toolbox: 50 pieces

Weight per toolbox: 15.40 kg

Carbide weight per pick: 24 g

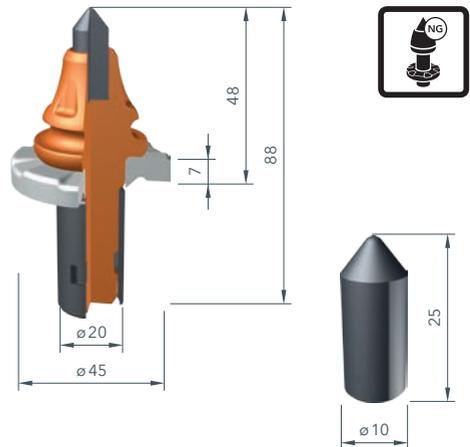
**W1-10-NG / 20X²****Part No.: 2642539**

Type	Meaning
W1	Cylindrical carbide tip for removing concrete
-10	10 mm carbide tip diameter
-NG	Slim pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic

Quantity per toolbox: 50 pieces

Weight per toolbox: 14.05 kg

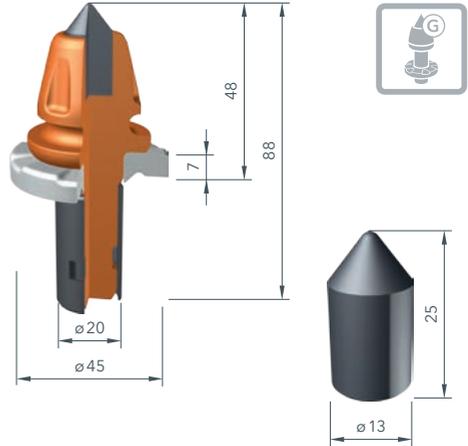
Carbide weight per pick: 24 g



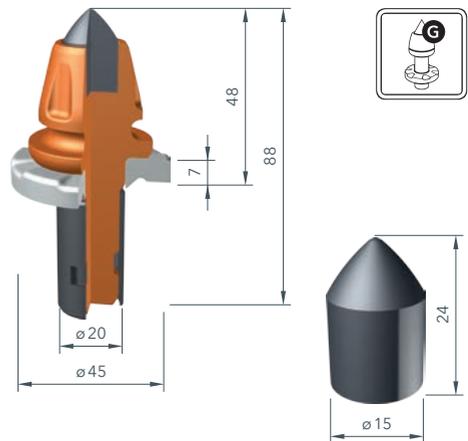
Dimensions in mm

**W1-13-G / 20X²****Part No.: 2642517**

Type	Meaning
W1	Cylindrical carbide tip for removing concrete
-13	13 mm carbide tip diameter
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.75 kg	
Carbide weight per pick: 38 g	

**W1-15-G / 20X²****Part No.: 2642518**

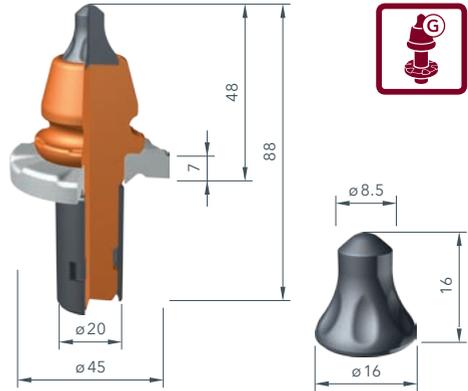
Type	Meaning
W1	Cylindrical carbide tip for removing concrete
-15	15 mm carbide tip diameter
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.95 kg	
Carbide weight per pick: 47 g	



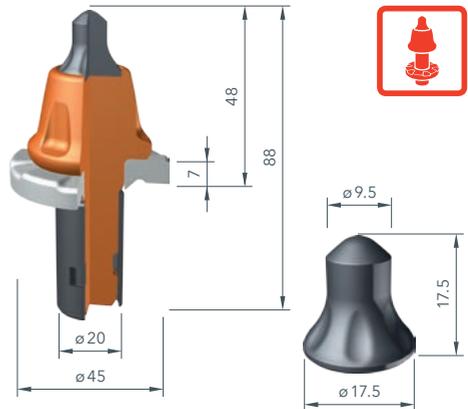
Dimensions in mm

W4-G / 20X²**Part No.: 2642519**

Type	Meaning
W4	Cap-shaped carbide tip for removing asphalt layers
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 14.85 kg	
Carbide weight per pick: 20 g	

**W5 / 20X²****Part No.: 2642521**

Type	Meaning
W5	Cap-shaped carbide tip for removing asphalt layers
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 15.90 kg	
Carbide weight per pick: 26 g	

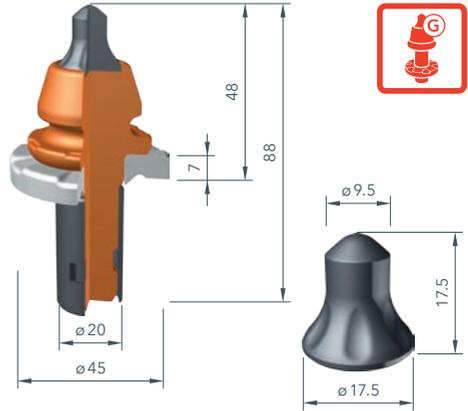


Dimensions in mm

**W5-G / 20X²**

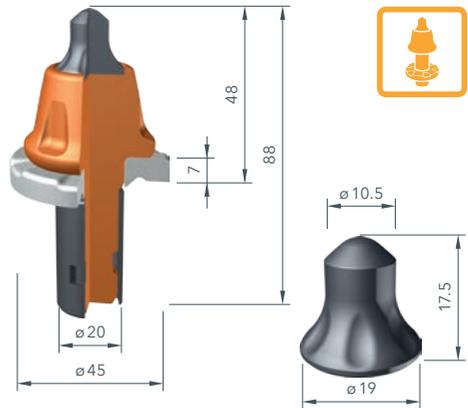
Part No.: 2642520

Type	Meaning
W5	Cap-shaped carbide tip for removing asphalt layers
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 15.75 kg	
Carbide weight per pick: 26 g	

**W6 / 20X²**

Part No.: 2642523

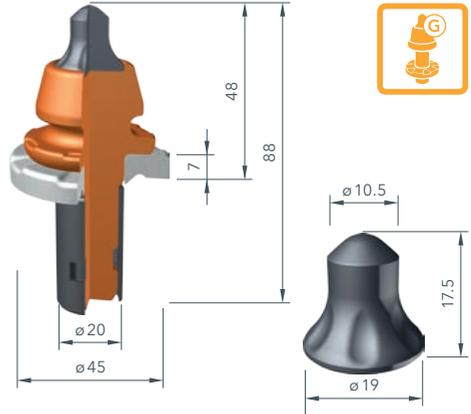
Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 17.00 kg	
Carbide weight per pick: 30 g	



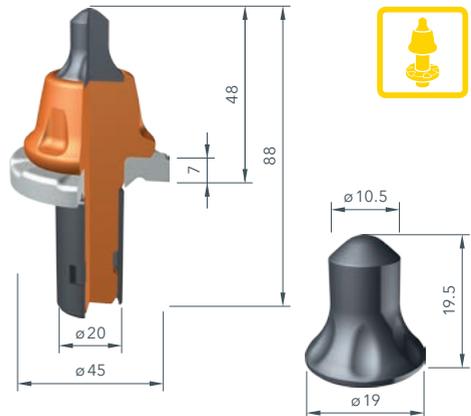
Dimensions in mm

W6-G / 20X²**Part No.: 2642522**

Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.45 kg	
Carbide weight per pick: 30 g	

**W6L / 20X²****Part No.: 2642525**

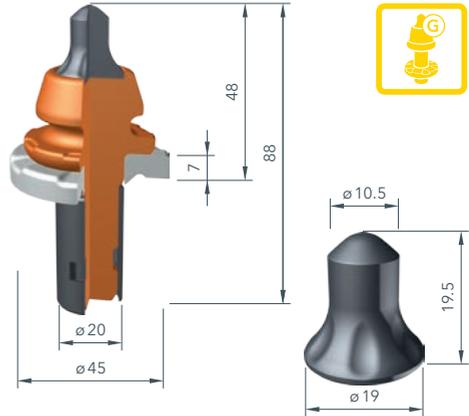
Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
L	Long carbide tip for long-lasting cutting performance
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.60 kg	
Carbide weight per pick: 33 g	



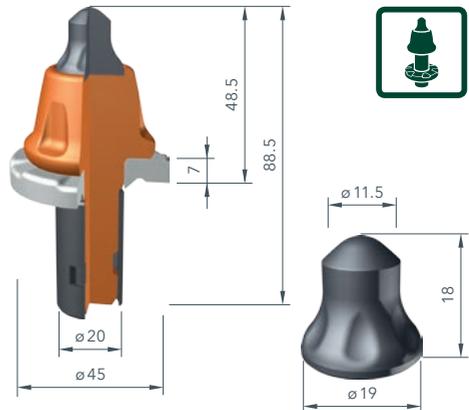
Dimensions in mm

**W6L-G / 20X²****Part No.: 2642524**

Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
L	Long carbide tip for long-lasting cutting performance
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.15 kg	
Carbide weight per pick: 33 g	

**W6M / 20X²****Part No.: 2642526**

Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
M	Solid carbide tip for increased break resistance
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 17.30 kg	
Carbide weight per pick: 36 g	



Dimensions in mm

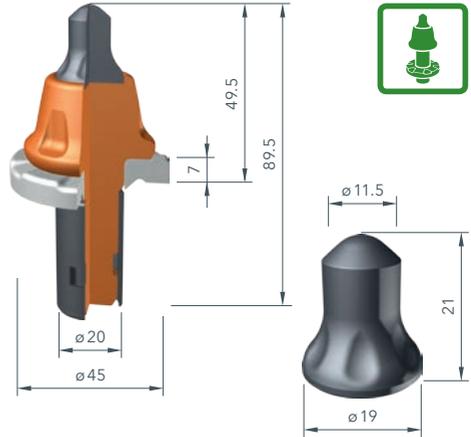
W6ML / 20X²**Part No.: 2642529**

Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
M	Solid carbide tip for increased break resistance
L	Long carbide tip for long-lasting cutting performance
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic

Quantity per toolbox: 50 pieces

Weight per toolbox: 17.00 kg

Carbide weight per pick: 41 g

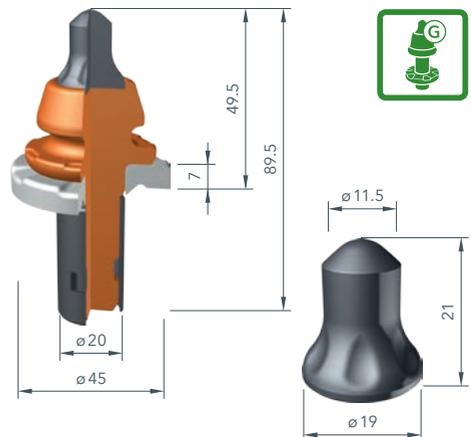
**W6ML-G / 20X²****Part No.: 2642528**

Type	Meaning
W6	Cap-shaped carbide tip for removing asphalt layers
M	Solid carbide tip for increased break resistance
L	Long carbide tip for long-lasting cutting performance
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic

Quantity per toolbox: 50 pieces

Weight per toolbox: 16.50 kg

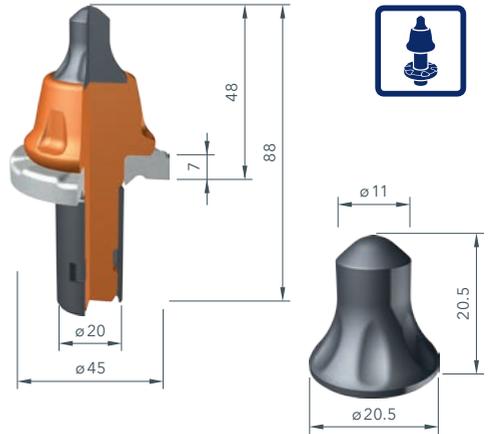
Carbide weight per pick: 41 g



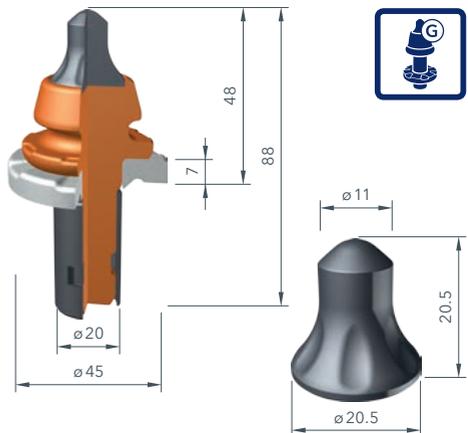
Dimensions in mm

**W7 / 20X²****Part No.: 2642532**

Type	Meaning
W7	Cap-shaped carbide tip for removing asphalt layers
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 17.00 kg	
Carbide weight per pick: 41 g	

**W7-G / 20X²****Part No.: 2642530**

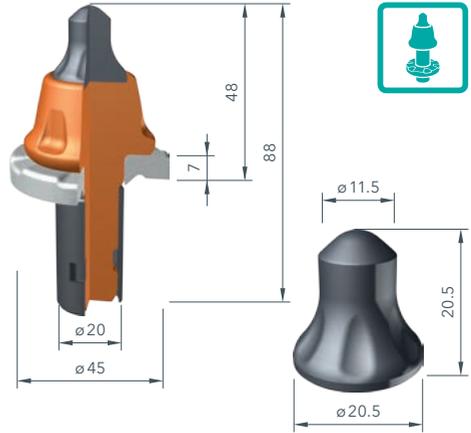
Type	Meaning
W7	Cap-shaped carbide tip for removing asphalt layers
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.85 kg	
Carbide weight per pick: 41 g	



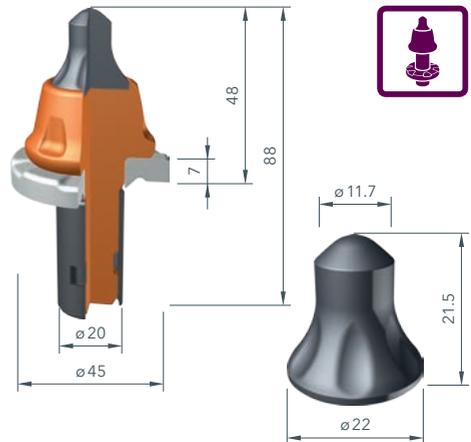
Dimensions in mm

W7M / 20X²**Part No.: 2642534**

Type	Meaning
W7	Cap-shaped carbide tip for removing asphalt layers
M	Solid carbide tip for increased break resistance
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 17.15 kg	
Carbide weight per pick: 44 g	

**W8 / 20X²****Part No.: 2642537**

Type	Meaning
W8	Cap-shaped carbide tip for removing asphalt layers
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 17.30 kg	
Carbide weight per pick: 48 g	

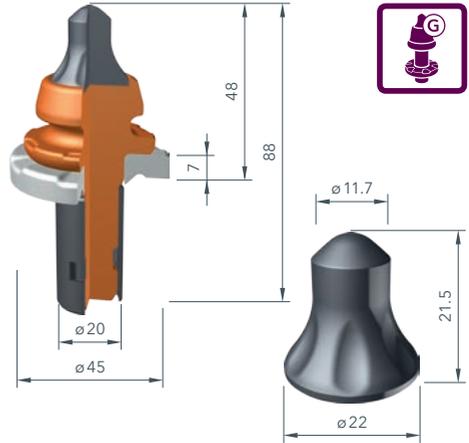


Dimensions in mm

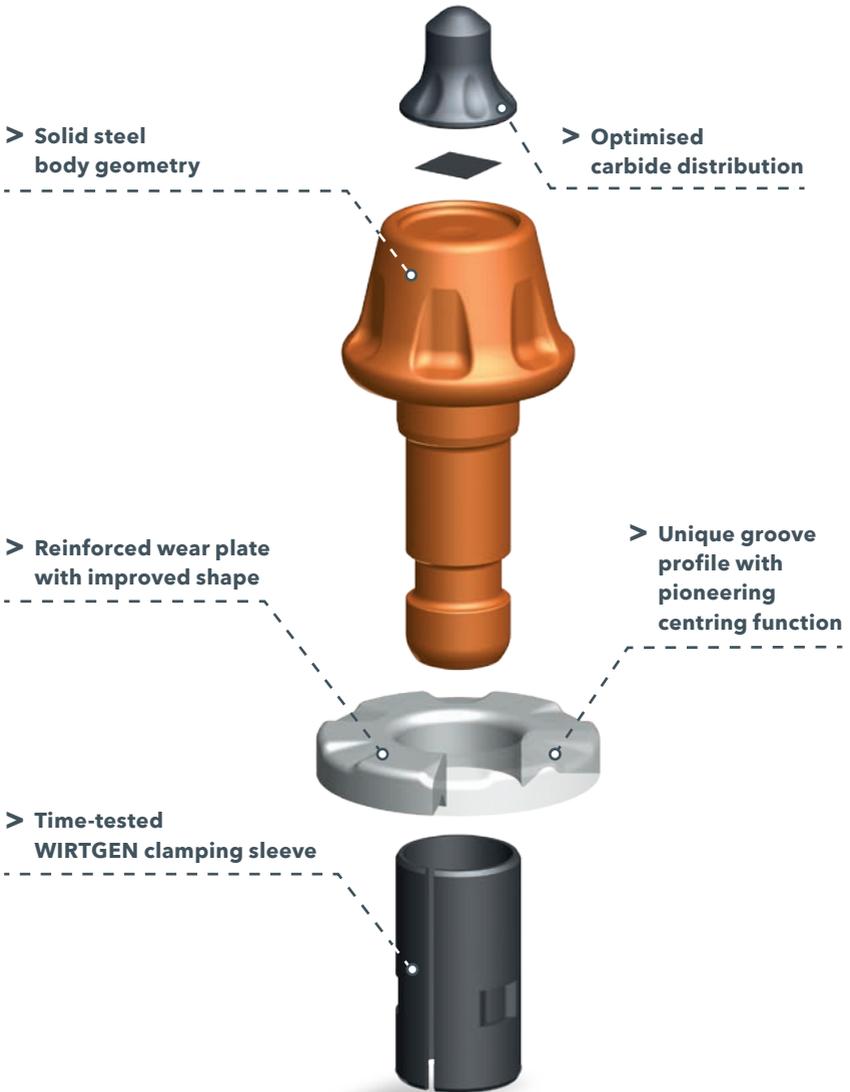
**W8-G / 20X²**

Part No.: 2642535

Type	Meaning
W8	Cap-shaped carbide tip for removing asphalt layers
-G	Pick head with extractor groove as a dismantling aid
/20	Held in the toolholder bore with a shank diameter of 20 mm
X ²	Generation identification/ product characteristic
Quantity per toolbox: 50 pieces	
Weight per toolbox: 16.50 kg	
Carbide weight per pick: 48 g	



All-rounder for cold milling

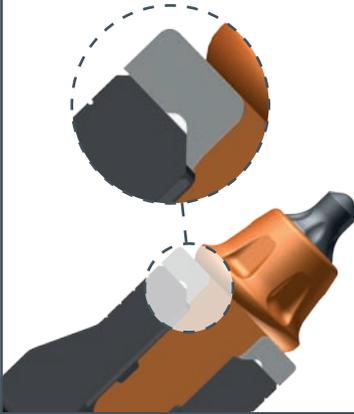




Self-stamping of the toolholder centring profile through use of the GENERATION X²

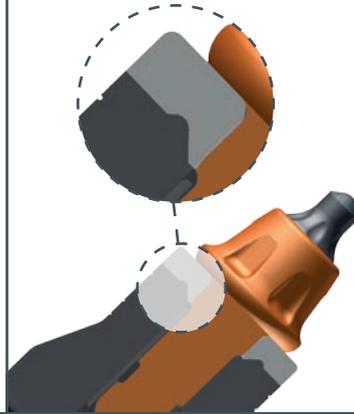
> W6/20X² with flat pick contact surface

> at 0h



> W6/20X² with pronounced centring profile

> after < 50h



> HT22 quick-change toolholder system after a service period of at least 50 operating hours with a W6/20X pick.



> HT22 quick-change toolholder system after a service period of at least 50 operating hours with a W6/20X² pick.



A LONG LIFE CYCLE AND CUTTING PERFORMANCE

Optimised carbide distribution:

The **GENERATION X²** carbide tip impresses not only due to an improved cutting performance, but also thanks to even greater stability. This has reduced the risk of breakage significantly.

Solid steel body geometry:

The pick head's solid geometry improves chip evacuation and increases the pick's service life considerably. The pick head height has been lowered to ensure optimal use of the significantly thicker wear plate with its special groove profile. The increased steel volume in the wear-critical range also

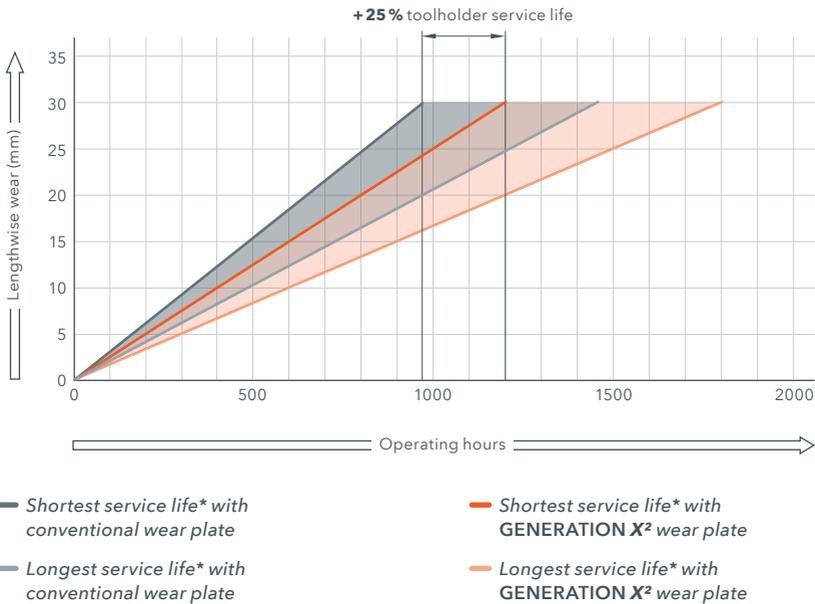
guarantees a significantly longer service life for the cutting tool.

Reinforced wear plate with improved shape:

The reinforced wear plate protects the toolholder against wear by abrasive milled material. Moreover, the flat wear plate geometry delivers improved rotation behaviour in the **GENERATION X²** picks.



Lengthwise wear in the toolholder



* The service life can vary depending on machine type and application.

Unique groove profile with pioneering centring function:

The toolholder service life has increased by more than 25% thanks to the special groove profile with its pioneering improved centring function. A centring profile is incorporated into the pick toolholder's contact surface after the **GENERATION X²** pick has been used for less than 50 operating hours. This means that conventional toolholders can also benefit from the advantage of **GENERATION X²**.

Time-tested WIRTGEN clamping sleeve:

Time-tested WIRTGEN clamping sleeve permanently fixes the pick precisely into its pick toolholder.



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Printed in Germany. No. 2833431 EN-12/19 - V2 (03/20)