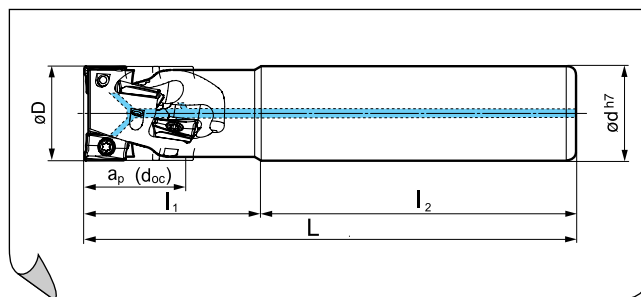
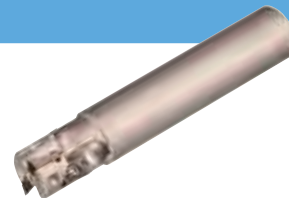


# WRX 2000 Series with AXMT 12 mm inserts



## Body (Cylindrical Shank Type)

Shaft	Cat. No.	Stock	Depth of Cut ( $d_{oc}$ )	Dimensions (mm)					No. of teeth	No. of rows	Effective teeth
	WRX2020RH18E20	●	18	20	20	120	40	80	4	2	2
	WRX2020RH36E20	□	36	20	20	130	45	85	4	4	1
	WRX2025RH18E25	●	18	25	25	130	45	85	6	2	3
	WRX2025RH27E25	●	27	25	25	130	45	85	6	3	2
	WRX2032RH18E32	●	18	32	32	140	50	90	8	2	4
	WRX2032RH27E32	●	27	32	32	130	45	85	9	3	3
	WRX2040RH18E40	□	18	40	40	160	40	120	10	2	5
	WRX2040RH36E40	●	36	40	40	130	45	85	16	4	4

## Body (Weldon Shank Type)

Shaft	Cat. No.	Stock	Depth of Cut ( $d_{oc}$ )	Dimensions (mm)					No. of teeth	No. of rows	Effective teeth
	WRX2020RH18W20	●	18	20	20	120	40	80	4	2	2
	WRX2020RH36W20	□	36	20	20	130	45	85	4	4	1
	WRX2025RH18W25	●	18	25	25	130	45	85	6	2	3
	WRX2025RH27W25	●	27	25	25	130	45	85	6	3	2
	WRX2032RH18W32	●	18	32	32	140	50	90	8	2	4
	WRX2032RH27W32	●	27	32	32	130	45	85	9	3	3
	WRX2040RH18W40	□	18	40	40	160	40	120	10	2	5
	WRX2040RH36W40	●	36	40	40	130	45	85	16	4	4

## Spare Parts (WRX 2000)

Screw	Wrench
BFTX 0306 IP	TRDR 08 IP

## Description Rule

**WRX 20 25 R H 27 W 25**

Insert Size: 20  
 Tool  $\phi D$ : 25  
 Inner coolant: R  
 Cutting Direction: H  
 Cutting Edge Length: 27  
 Arbor Type: W  
 Arbor Diameter: 25

E - Straight Shank  
 W - Weldon Shank  
 F - Shell Type

## Inserts (Same as for Wavemill WEX 2000 Type)

Application		Coated Carbide						Carbide	DLC
High Speed / Light cut	P			K		M	S	K	N
General Purpose		P		K		M	S		N
Roughing		P	P	K		M	S		
Cat. No.	ACP100	ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	H1	DL1000
AXMT 123504 PEER-G	●	●	●	●	●				0,4
123508 PEER-G	●	●	●	●	●				0,8
123512 PEER-G	●	●	●	●	●				1,2
AXMT 123504 PEER-H	●	●	●	●	●				0,4
123508 PEER-H	●	●	●	●	●				0,8
123512 PEER-H	●	●	●	●	●				1,2
AXMT 123504 PEER-E						●	●		0,4
123508 PEER-E			●			●	●		0,8
123512 PEER-E						●	●		1,2
AXMT 123508 PEER-EH			●			●	●		0,8
AXET 123502 PEFR-S	-	-	-	-	-	-	-	●	0,2
123504 PEFR-S	-	-	-	-	-	-	-	●	0,4
123508 PEFR-S	-	-	-	-	-	-	-	●	0,8

- Unable to produce  
 G - General type  
 H - Strong cutting edge  
 E - For stainless steel / exotic alloy  
 EH - Strong edge for stainless steel / exotic alloy  
 S - For aluminium alloy

## Application Examples

Work Material	Construction Machine Parts (USt.42-2)		
Tool	Body	Sumitomo WRX2000 Weldon shank	Competitor $\phi 38,1$
	Insert	AXMT	18 mm
	Insert grade	ACP200	PVD Type
	Tool dia. (mm)	38,1	38,1
	Total teeth	24	16
Cutting Data	Effective teeth	4	4
	Cutting speed (m/min)	180	137
	Feed (mm/t)	0,09	0,1
	Axial depth of cut (mm)	38,1	38,1
	Radial width of cut (mm)	3,2	3,2
Result	Coolant	Wet	Wet
	Tool life / Cutting edge	60	40
Benefits	1,5 times longer tool life 30% increased productivity		

