SWISS+TECH

HSS-E PM TiALN Cutters Coated

The combination of HSS-E PM and TiALN produces a cutter that is ideally suited to dry and semi dry machining of:

- **Materials up to 45 HRC.**
- **Stainless steels**
- **Aerospace alloys.**

HSS-E PM

HSS-E PM is a sintered powder metallurgy HSS that combines the toughness associated with HSS-Co and the hardness benefits of carbide.

- **Up to 25% higher cutting speed than HSS/HSS-Co. cutters.**
- **Up to 125% higher feed rates.**
- **Up to 100% longer cutter life.**
- **Reduced manufacturing costs.**
- **Improved productivity.**
- **Lower coolant usage and disposal costs.**

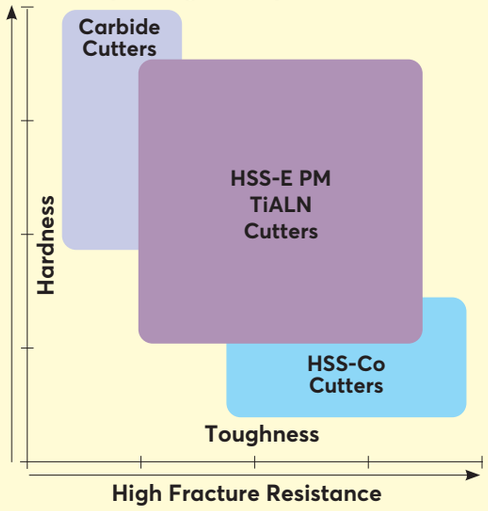
TiALN

TiALN is a multi-layer coating capable of operating at higher speed and feed.

- **Protects cutting edge under extreme conditions.**
- **Surface hardness 3000HV.**
- **Surface coefficient against steel 0.4.**
- **Thickness of coating 3 - 4µm.**
- **Maximum working temperature 800°C.**
- **Re-coating service also available.**

Toughness & Hardness, the Best of Both . . .

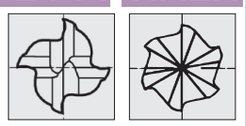
High Wear Resistance - Fast Cutting - Sharper Edges - Improved Finish



Weldon Shank HSS-E PM TiALN Coated 45° High Helix Milling Cutters

HSS-E PM TiALN

Centre cutting.
Weldon shank to **DIN 1835B**.
Cutting diameter to **k10**.
Shank diameter to **h6**.





Series 90
Regular Series Dimensions to **DIN 844**

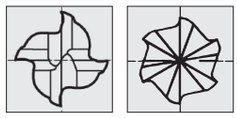
Diameter (mm)	Flute Length	Overall Length	Shank Dia.	No. of Flutes	EHP-4WR PM Coated Order Code SWT-165	EHP-4WR PM Coated Price/1 THB
6.00	13.0	57.0	6.0	4	**-9006A**	**945.00**
8.00	19.0	69.0	10.0	4	**-9008A**	**1407.00**
10.00	22.0	72.0	10.0	4	**-9010A**	**1502.00**
16.00	32.0	93.0	16.0	6	**-9016A**	**3276.00**
20.00	38.0	104.0	20.0	6	**-9020A**	**5156.00**
25.00	45.0	121.0	25.0	6	(1) **-9025A**	**8904.00**

(1) RFP-6WR PM Coated

Weldon Shank HSS-E PM TiALN Coated High Helix Cutters

HSS-E PM TiALN

Centre cutting.
Weldon shank to **DIN 1835B**.
Cutting diameter to **k10**.
Shank diameter to **h6**.





Series 92
Long Series Dimensions to **DIN 844**

Diameter (mm)	Flute Length	Overall Length	Shank Dia.	No. of Flutes	EHP-4WL PM Coated Order Code SWT-165	EHP-4WL PM Coated Price/1 THB
6.00	24.0	68.0	6.0	4	**-9206A**	**1302.00**
8.00	38.0	78.0	10.0	4	**-9208A**	**1596.00**
10.00	45.0	95.0	10.0	4	**-9210A**	**1922.00**
12.00	53.0	110.0	12.0	4	**-9212A**	**NA**
16.00	45.0	100.0	16.0	6	**-9216A**	**4484.00**
20.00	58.0	122.0	20.0	6	**-9220A**	**7476.00**
25.00	90.0	166.0	25.0	6	(1) **-9225A**	**11813.00**

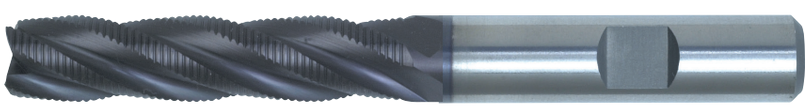
(1) EHP-6WL PM Coated

Weldon Shank HSS-E PM TiALN Coated Fine Pitch Ripper Cutters

HSS-E PM TiALN

Centre cutting. Shank to **DIN 1835B**. Cutting diameter to **js12**. Shank diameter to **h6**.





Series 96
Long Series Dimensions to **DIN 844**

Diameter (mm)	Flute Length	Overall Length	Shank Diameter	Number of Flutes	RFP-4WL PM Coated Order Code SWT-165	RFP-4WL PM Coated Price/1 THB
6.00	24.0	68.0	6.0	4	**-9606A**	**2027.00**
8.00	38.0	88.0	10.0	4	**-9608A**	**2751.00**
10.00	45.0	95.0	10.0	5	**-9610A**	**3087.00**
16.00	63.0	123.0	16.0	5	**-9616A**	**6269.00**
20.00	75.0	141.0	20.0	5	**-9620A**	**8684.00**
25.00	90.0	166.0	25.0	6	(1) **-9625A**	**12957.00**

(1) RFP-6WL PM Coated

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