

The Tool

- Flat shaped shank type cutter, made to DIN 6527, long version
- Coupling made to DIN 6535-HB (Weldon)
- Optimized macro geometry
- Optimized micro geometry
- Front surface cutting geometry allows plunge milling
- Increasing neck length
- Dynamic twist angle
- Unequal pitch

The hard metal

- Finest grain carbide for high performance cutting in the ISO field K20-K30
- Very high tenacity with even more wear resistance

The coating

- Performance optimization of TIALN-coating
- Finest layer structure
- High oxidation stability
- Very high tenacity and very high hardness
- Large wear volume

The quality „TS35“

- Optimal combination of hard metal, coating and cutting edge for working all usual steels, such as high-grade steels, cast iron materials, as well as difficult to machine materials
- Suitable for roughing as well as finishing
- For dry milling, wet milling or milling with min. lubricant grease

Advantages

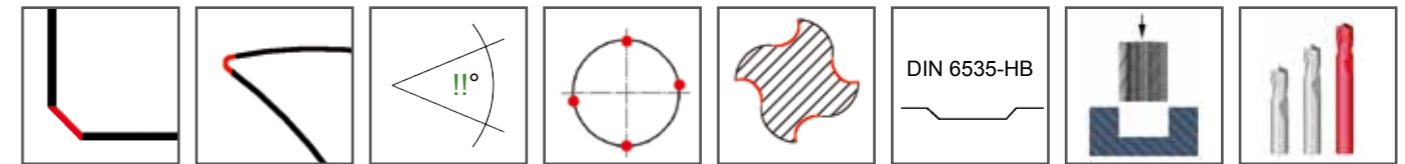
- Extremely high feed rates also with materials that are difficult to mill
- Very long tool life and as a result a reduction of periods of disuse of the machines
- Very good surface finish
- Very smooth running of machine
- Secure mode of working procedure
- Increasing neck length for greater usable depths
- Great application range in terms of different milling operations and different materials
- Especially suitable for Inox steels, high-alloy steels, as well as Titanium etc.

➤ **Our efficiency is your profit - tooling made by Jongen !**

Technical data



Tolerance \varnothing :
 $\varnothing 6,0 - 20,0 = -0,02$
 $-0,04$



Order-No.	D	sx45°	I	N	d ₁	d _{h6}	L	Z
VHM 477W-06 TS35	6	0,20x45°	21	28	5,7	6	66	4
VHM 477W-08 TS35	8	0,25x45°	28	38	7,7	8	75	4
VHM 477W-10 TS35	10	0,30x45°	40	50	9,6	10	93	4
VHM 477W-12 TS35	12	0,40x45°	48	59	11,6	12	105	4
VHM 477W-16 TS35	16	0,50x45°	72	86	15,0	16	136	4
VHM 477W-20 TS35	20	0,50x45°	90	102	19,5	20	155	4