

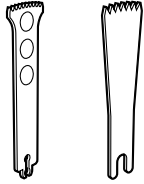
# Westig® 1.4028MO

## Technical Information

### Surgical Instruments



Zapp is certified to ISO 9001



**Westig® 1.4028MO – surgical instruments, hardened and tempered for medical applications**

#### Finish

Cold rolled, hardened and tempered

#### Edge finish

Slit

#### Surface finish

Polished

$R_t \leq 59.05 \mu\text{in}$

$R_a \leq 9.84 \mu\text{in}$

#### Dimensions

Thickness: 0.10 to 1.50 mm\*

Width: 4 to 300 mm\*

\*other dimensions of Westig® 1.4028Mo on request

#### Flatness

Permissible deviation transverse to direction of rolling:

Thickness  $\geq 0.0079$  in: max. 0.2 % of the strip's width (acc. to P3)

Thickness  $< 0.0079$  in: max. 0.3 % of the strip's width (acc. to P2)

#### Tensile strength

Thickness  $\leq 0.039$  in: 246.5 – 275.5 ksi

Thickness  $> 0.039$  in: 232.1 – 261.0 ksi

#### Form of delivery

Coils

○ Inside diameter: 11.81/ 15.75 in

○ Outside diameter: max. 39.37 in

Sheets:

Length: 39.37/ 78.74 in

In case of necessary deviations from the properties mentioned above please send us your inquiry.

#### Approximately chemical analysis (%)

C	Mn	Si	P	S	Cr	Mo
0.36	0.45	0.40	max. 0.030	max. 0.020	13.50	1.00

#### Tolerances

Width tolerances in mm (acc. to B1)

Thickness (mm)	Width (mm)	Tolerances (mm) ±
< 0.250	< 20	0.07
	20 to < 50	0.10
	50 to < 125	0.15
	125 to < 250	0.20
	250 to 300	0.30
0.250 to < 0.500	< 20	0.10
	20 to < 50	0.15
	50 to < 125	0.20
	125 to < 250	0.25
	250 to 300	0.35
0.500 to < 1,000	< 20	0.15
	20 to < 50	0.20
	50 to < 125	0.25
	125 to < 250	0.30
	250 to 300	0.40
1,000 to < 1,600	< 20	0.20
	20 to < 50	0.25
	50 to < 125	0.30
	125 to < 250	0.35
	250 to 300	0.45

Thickness tolerances in mm (acc. to T3)\*

Thickness (mm)	Tolerances (mm) ±
0.100 to < 0.125	0.004
0.125 to < 0.200	0.005
0.200 to < 0.250	0.006
0.250 to < 0.315	0.007
0.315 to < 0.400	0.008
0.400 to < 0.500	0.009
0.500 to < 0.630	0.010
0.630 to < 0.800	0.012
0.800 to < 1,000	0.013
1,000 to < 1,250	0.017
1,250 to < 1,600	0.020

\* T4 on request

**Straightness**

Width (mm)	Tolerance (acc. to R2) max. (mm/m)
< 20	2.00
20 to < 50	1.50
50 to < 125	1.25
> 125	1.00

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Further information regarding our products and locations are available in our image brochure and under [www.zapp.com](http://www.zapp.com)

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