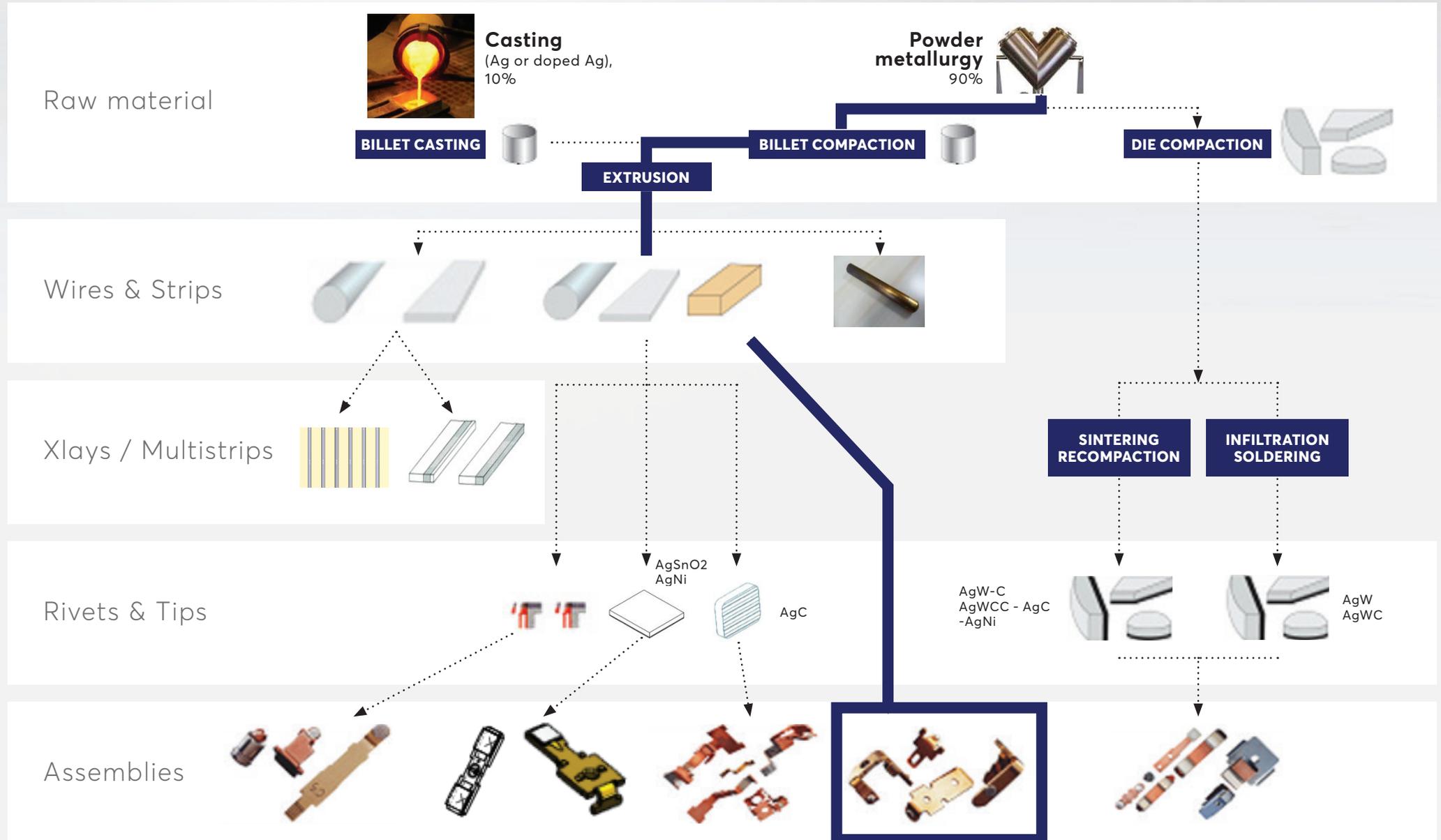


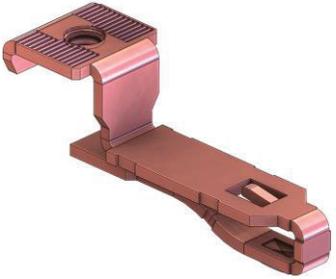
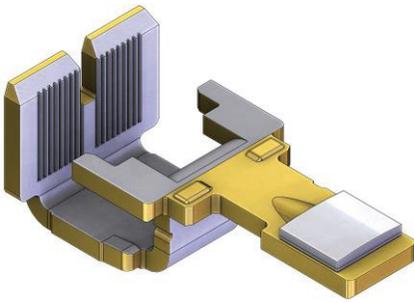
# **IN LINE STRIP ASSEMBLY**

## PROCESS DESCRIPTION





# IN LINE STRIP ASSEMBLY: APPLICATIONS

PRODUCTS	APPLICATIONS	KEY END MARKETS
<p data-bbox="427 502 779 531">IN LINE STRIP ASSEMBLY</p> 	<p data-bbox="907 502 1332 531">MANUAL MOTORSTARTER 32A</p> 	<p data-bbox="1473 502 1803 531">MACHINERY INDUSTRY</p> 
<p data-bbox="427 1013 779 1042">IN LINE STRIP ASSEMBLY</p> 	<p data-bbox="985 1013 1243 1042">CONTACTORS 40A</p> 	<p data-bbox="1473 1013 1803 1042">INDUSTRIAL BUILDING</p> 

# IN LINE STRIP ASSEMBLY: PROCESS FLOW

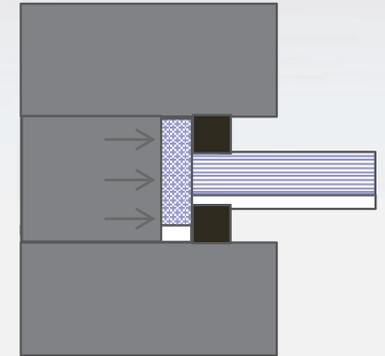
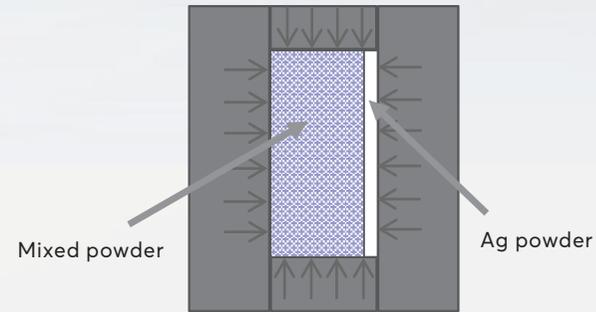
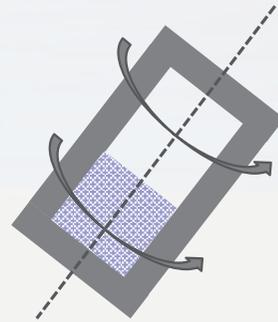
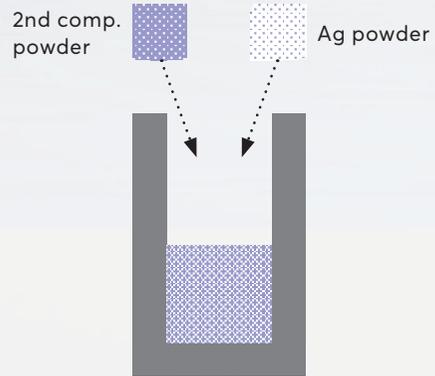
POWDER MIXING



MONO/BI-LAYER BILLET  
COMPACTION



MONO/BI-EXTRUSION

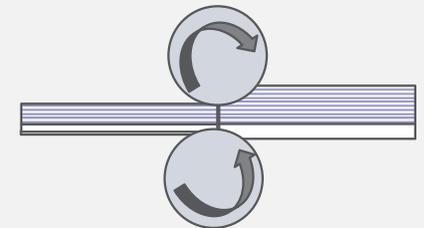
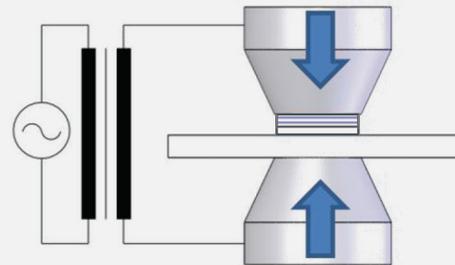


FINAL ASSEMBLY



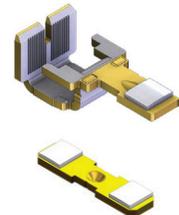
ROLLING

FINAL ASSEMBLY IS ALREADY FULLY  
INTEGRATED IN THE METALOR STANDARD  
PRODUCTION WORKFLOW



# IN LINE STRIP ASSEMBLY:

TYPE OF PRODUCT

TECHNOLOGY	MATERIAL	COMPOSITION(%)	SHAPE		PRODUCT MAX DIMENSIONS (mm)	SILVER UNDERLAYER	SOLDERING
IN LINE STRIP WELDING	AgC	Graphite: 3 and 4%	Square/ rectangle		5.0 x 5.0 x 1.0	✓ AgC calcinated	✓
	AgNi	Ni: 10%	Square/ rectangle		3.3 x 3.3 x 0.75	✓ bi extruded	✓
	AgSnO2	SnO2 8 to 14%	Square/ rectangle		6.1 x 5.9 x 1.1	✓ bi extruded	✓
	AgZnO	ZnO: 8%	Square/ rectangle		3 x 4.5 x 0.6	✓ bi extruded	✓

✓ Standard

✓ Optional

# IN LINE STRIP ASSEMBLY: DESCRIPTION OF THE WELDING LINE

1ST STAMPING PRESS



1ST WELDING STATION



2ND WELDING STATION



2ND STAMPING PRESS



Max. Speed = 200 strokes/mm

# IN LINE STRIP ASSEMBLY:

## PROS AND CONS

**METALOR**<sup>®</sup>

**TANAKA**  
A member of TANAKA

### PROS

- Standard process by **METALOR**
- More than 15 years experience
- Fully integrated solution for customer (**powder > assemblies**)
- Competitiveness (**2 times faster than tips assemblies**)

### CONS

- Only parrallel structure can be welded

For more information,  
please contact **METALOR**  
team on our Web site:  
[www.metalor.com](http://www.metalor.com)

