

OB – PZN type

– Wire with no paraffin coated –

The PZN type is a special electrode wire most suitable for wire electric discharge machines, which has been developed using high-speed machining and automatic threading technologies.

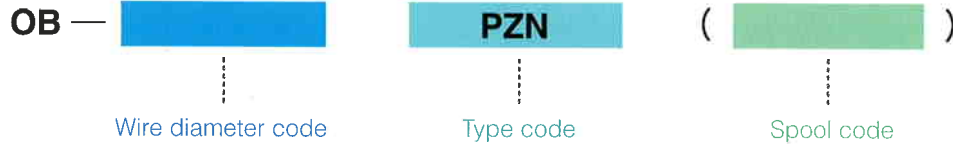
The PZN type yields a fine finish in machining large or precision work materials while exhibiting superior automatic threadability. The high zinc concentration in brass has assured high-speed machining.



Features

- This product has been certified and recommended by FANUC LTD.
- Zinc concentration in brass has been raised (compared to our conventional type), achieving a stable high-speed machining.
- Holds excellent straightness and tensile strength at room temperature, maintaining high automatic threadability and the fine finishes of machined surface.
- Requires cardboard boxes only for packaging with no styrene foam, which contributes to environmental conservation and reduces costs for industrial wastes disposal.

Product Name



Wire Diameter/Characteristics

Diameter code	Type code	Standard diameter mm	Diameter tolerance mm	Tensile strength MPa	Breaking load N	Conductivity %
10	PZN	0.10	±0.001	980min	7.7min	20 or more
15		17.4min				
20		30.8min				
25		48.2min				
30		69.3min				

Note) These characteristic values are guaranteed under the ordinary temperature.

Make Up for PZN type

Diameter	Spool type					
	P-3R 3.0kg	TP-5R 5.0kg	P-10T 10.0kg	P-15 20.0kg	K-160 6.0kg	K-200 15.0kg
0.10	○					
0.15	○					
0.20		○	○	○	○	○
0.25		○	○	○	○	○
0.30		○	○	○	○	○

Note) The colors of TP-5R and P-10T spools are transparent.