

Contact Probes

No.	Part	Material	Surface Treatment
①	Plunger	C1730B	Rhodium Plating on Nickel Undercoat
②	Barrel	Brass	Gold Plating on Nickel Undercoat
③	Spring	Stainless Steel	-

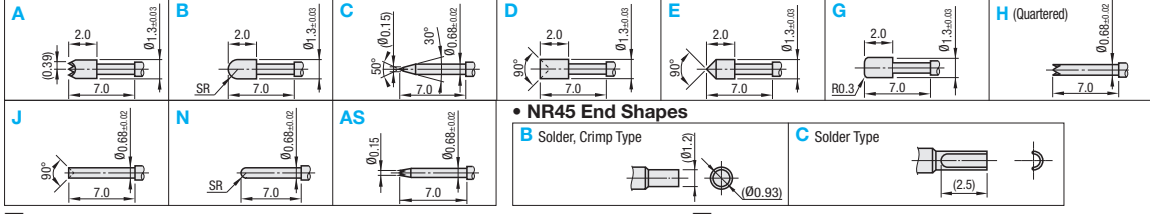
* For NP45HD, the material of spring is SWP.

⦿ The receptacle has a stopper that prevents the probe from being pulled out.

Receptacles

No.	Material	Surface Treatment
④ ⑤	Brass	Gold Plating on Nickel Undercoat

• NP45SF, NP45, NP45HD Tip Shapes * For Tip Shape C, the material of plunger is SK4.



Contact Probes

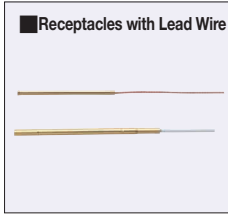
Part Number	Mounting Pitch (min.)	Full Stroke	Spring Pressure		Allowable Current	Resistance	Replacement Cycle (Reference)	Unit Price/Volume Discount Rate		
			Initial	2/3 Stroke				1 - 69 pcs(s)	70 - 99	100 - 500
NP68SF	1.4mm	4.3mm	25gf	50gf	2.5A	60mΩ	100,000 times			
NP68			30gf	90gf						
NP88	1.5mm	2.5mm	10gf	50gf	3A	60mΩ	250,000 times			
NP88HD			30gf	100gf						
NP45S3SF	1.7mm	3.0mm	25gf	50gf	3A	60mΩ	300,000 times			
NP45S3			30gf	100gf						
NP45SF	1.7mm	5.0mm	10gf	50gf	3A	60mΩ	300,000 times			
NP45			30gf	100gf						
NP45HD			40gf	150gf						

Receptacles ⦿ For NR68, NR68S, NR45S and NR45, please select the end shape.

Part Number	Matching Contact Probe	Mounting Hole for Press-Fitting Dimension (Reference)	Unit Price/Volume Discount Rate		
			1 - 69 pcs(s)	70 - 99	100 - 500
NR68	NP68SF	0.83~0.84mm			
NR68S	NP68				
NR88	NP88	1.08~1.09mm			
	NP88HD				
NR45S	NP45S3SF	1.39~1.41mm			
	NP45S3				
NR45	NP45SF	1.39~1.41mm			
	NP45				
NR45T	NP45HD	1.47~1.49mm			

⦿ For orders larger than indicated quantity, please request a quotation.

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Part Number	Lead Wire Color Selection	Lead Wire Length (mm)	Lead Wire	Lead	Maximum Operating Voltage	Receptacles Used	Lead Wire Length 400mm		Lead Wire Length 1000mm	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
NRB68	W (White) R (Red) BL (Blue)	400 1000	Ø0.63	Ø0.12x7 pcs.	250V	NR68				
NRB88			Ø0.63	Ø0.12x7 pcs.		NR88				
NRSB45			Ø1.0	Ø0.08x40 pcs.		NR45S-B				
NRB45			Ø1.0	Ø0.08x40 pcs.		NR45-B				

⦿ For orders larger than indicated quantity, please request a quotation.

Ordering Example

Part Number - Tip (End) Shape - Lead Wire Color - Lead Wire Length

NP68SF - A - W - 1000

NP88 - C - W - 400

NR88 - B - W - 1000

NR45S - B - W - 1000

NRB68 - W - 1000

NRSB45 - W - 400

EX Example ■ Example of Inserting Contact Probe to Receptacle

