

International Standard



5829

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Resistance spot welding — Electrode adaptors, female taper 1 : 10

Soudage par points par résistance — Allonges d'électrode à embout amovible (cône femelle 1/10)

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Descriptors : welding, resistance welding, spot welding, resistance welding electrodes, electrode holders, dimensions, designation, marking.

Foreword

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1 Scope and field of application

This International Standard specifies the dimensions and tolerances of resistance spot welding electrode adaptors where the fixing element for the cap is a female taper (male electrode cap, see ISO 5830) and for which the electrode taper fits conform to ISO 1089.

2 References

ISO 1089, *Electrode taper fits for spot welding equipment — Dimensions.*

ISO 1302, *Technical drawings — Method of indicating surface texture on drawings.*

ISO 5182, *Materials for resistance welding electrodes and ancillary equipment.*

ISO 5830, *Resistance spot welding male electrode caps.*

3 Dimensions

The dimensions shall be those given in the figure and the table.

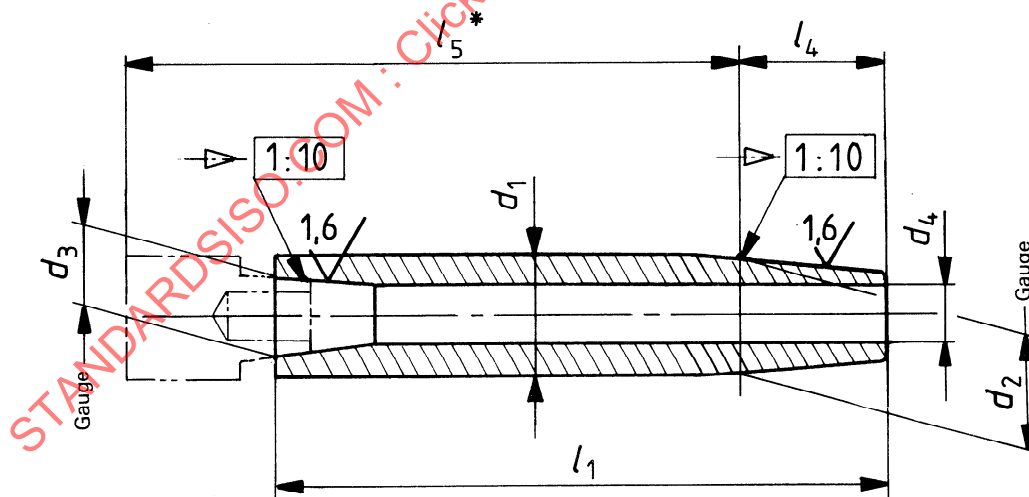


Figure — Electrode adaptor

Table — Dimensions

Dimensions in millimetres

d_1 h11	$d_2^{1)}$	$d_3^{1)}$	d_4	l_4 $\pm 0,5$	l_1				
					for $l_5^* =$				
					31,5	40	50	63	80
16	15,5	11,8	8	20	32,5	41	51	64	81

1) d_2 and d_3 are gauge dimensions at the taper reference line.

* For information purposes only.