

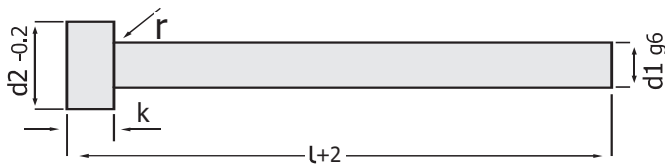
### Ejector Pin - Stainless / INOX

Code: **SPI**

ISO 6751, DIN 1530 Form: AH

"SPI" Ejector Pins are compatible with medicine and food industry standards. The ejector pins has been produced to avoid corrosion problems. They are anti-magnetic products resistant to corrosion and acids for production in severe climate conditions in chemistry / medicine and food industry, also in hygienic places.

**Material:** 1.4125 INOX      **Body Hardness:** 56 + 2 HRC  
**Heat Resistance:** 180° max.      **Head Hardness:** 45 ± 5 HRC



Code: **SPI**

d1	L	d2	k	r	d1	L	d2	k	r
4.5	100	8	2	0.3	2.0	100	4	2	0.2
	160					160			
	200					200			
	250					250			
5.0	100	10	2	0.3	2.5	100	5	2	0.3
	160					160			
	200					200			
	250					250			
5.5	100	10	2	0.3	3.0	100	6	2	0.3
	160					160			
	200					200			
	250					250			
6.0	100	12	5	0.5	3.5	100	7	2	0.3
	160					160			
	200					200			
	250					250			
8.0	100	14	5	0.5	4.0	100	8	2	0.3
	160					160			
	200					200			
	250					250			



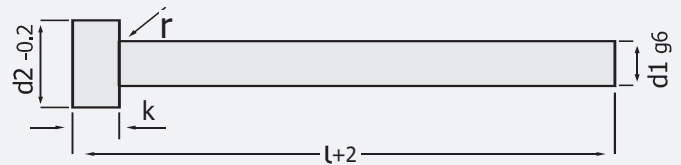
### Ejector Pin - Copper Alloy

Code: **SPPAV07**

ISO 6751, DIN 1530 Form: AH

"SPPAV07" Ejector Pins are produced with added copper / Cbn (nickel boronite) into material during production. Considerably higher heat conductivity. The cooling for the desired area of mould is provided very quickly without deviating the targeted area. Due to thermal optimisation, very high quality product is obtained from moulds under optimum temperature. Also, due to thermal optimisation again, production time per part is shortened as 30%. By changing according to the material, the heat conductivity is 6 times higher than standard ejector pins. There is no need to use pin lubricating oil for Copper Ejector Pins. Even after cooling, it does not lose its conductivity, does not deform, it can be welded, soldered, ground and polished. However, coated products cannot be machining on the lathe or milling machine.

**Material:** Copper Alloy  
**Body Hardness:** HRC min. 180 HB      **Head Hardness:** HRC min. 180 HB  
**Tensile Resistance:** ~650 N/mm<sup>2</sup>      **Heat Conductivity:** ~200 W/mK  
**Surface Roughnes:** Ra < 0.8 Micron



Code: **SPPAV07**

d1	L	d2	k	r	d1	L	d2	k	r				
2.0	100	4	2	0.2	7.0	100	12	5	0.5				
	160					160							
2.5	100	5	2	0.3		8.0				100	14	5	0.5
	160									160			
200	200												
3.0	100	6	3	0.3	10	100	16	5	0.5				
	160					160							
	200					200							
250	250												
3.5	100	7	3	0.3	12	100	18	7	0.8				
	160					160							
4.0	100	8	3	0.3		14				100	22	7	0.8
	160									160			
	200				200								
250	250												
4.5	100	8	3	0.3	16	100	22	7	0.8				
	160					160							
5.0	100	10	3	0.3		16				160	22	7	0.8
	160									160			
	200				200								
250	250												
6.0	100	12	5	0.5	16	250	22	7	0.8				
	160					160							
	200					200							
	315					315							

