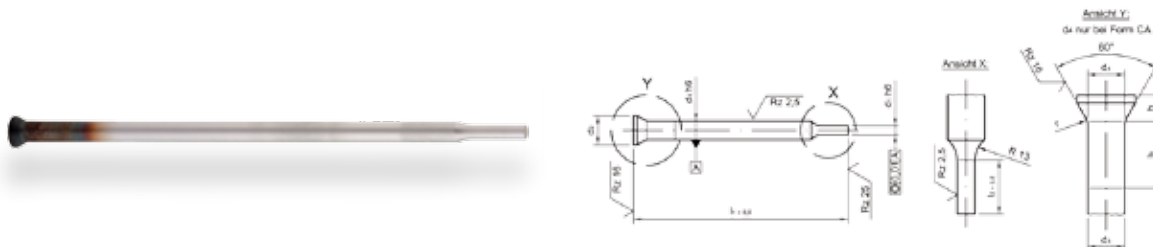


3 Rezilna igla Punch Pin

DIN 9861 CA



Rezilna igla s konično glavo in z reducirnim delom.

Punch Pin with a conical head and reduced point.

Obseg uporabe:

V rezilnih orodjih za rezanje plošč, jekla, ne-železne kovine, plastiko, papir.

Dimenzije so prikazane v tabeli.

Prileganje / Toleranca:

Premer d_1 (reducirni del), dolžina $L_2 + 0,5$

\emptyset	0,5 - 3	3 - 6
h6	-0,006	-0,008

Premer stebra d_3 , celotna dolžina $L_1 + 0,5$

\emptyset	1,5 - 3	3 - 6
h6	-0,006	-0,008

Material:

WS (legirno orodno jeklo za delo v hladnem) / **HWS** (visoko legirno orodno jeklo za delo v hladnem; vsebuje 12% kroma) / **HSS** (hitrorezno jeklo)

Lastnosti materiala:

WS: povprečna trpežnost

HWS: visoka trpežnost, dolga življenjska doba

HSS: ekstremno visoka trpežnost, za materiale s katerimi se težko dela. Velika odpornost proti abraziji, visoka natezalna trdnost, visoka odpornost proti vročini.

Range of application:

Cutting tools, cutting boards, steel, non-ferrous metal, plastic, paper.

The dimensions are shown in the table.

Fit / Tolerance:

Nominal diameter d_1 (reducing part), length $L_2 + 0.5$

\emptyset	0,5 - 3	3 - 6
h6	-0,006	-0,008

Stem diameter d_3 , the total length $L_1 + 0.5$

\emptyset	1,5 - 3	3 - 6
h6	-0,006	-0,008

Material:

WS: Alloyed cold-work steel / **HWS**: High alloy cold-work steel (approx. 12% Chrome) / **HSS** (HSS steel)

Material properties:

WS: Average durability

HWS: High durability, long life

HSS: Extremely high durability for materials which are difficult to work with. Great abrasion resistance, high tear strength, high heat resistance.



Trdota:

Steblo: WS in HWS 60 - 64, HSS 62 - 66

Glava: WS 40 - 50, HWS in HSS 45 - 55

Hardness:

Shank: WS and HWS 60 - 64, HSS 62 - 66

Head: WS 40 - 50, HWS in HSS 45 - 55

Obdelava:

Kaljeno, popuščano, steblo in reducirni del sta precizno brušena, 60° stožčasta vroče kovana glava, z dovoljeno nabreklostjo d4 takoj pod glavo.

Finish:

Hardened, annealed, precision ground shank and reduced point, 60° conical hot-forged head with a permissible shank to head concentric maximum d4.

Ø d1 h6	Stopnjevanje Gradation d1	L2 +0,5	Ø d3 h6	L1+0,5		Ø d2	Tol.	r	h+0,2	d4	L3 max.
				71	80						
0,5 - 1,4	0,10	7	1,5	●	●	2,2	±0,05	0,4 ^{+0,03}	1,11	d3 ^{+0,03}	5
0,5 - 1,9			2,0	●	●	3,0	±0,10		1,37		
1,6 - 2,9			3,0	●	●	4,5		0,6 ^{+0,04}	1,80		
2,5 - 3,5	0,50	10	4,0	●	●	5,5					
3,5 - 4,5			5,0	●	●	6,5					6
4,5 - 5,5			6,0	●	●	8,0	±0,20	1,0 ^{+0,05}	2,23		