

Perfect tool for Stainless steel!

TiCN 20,000 hits
V.S.
SDP 82,000 hits!?

※Above number of hits is calculated by certain electrical manufacturer in severe condition.

~Conic No.1 wear resistance tool~

Super Dry Punch (SDP)

Incredible durability and defeated the common sense” Stainless is hard to process”.

Reduced running cost by using Super Dry Punch as frequent used tool such as auto index.

◇Feature

Distinguished durability

Perfect tool for **Stainless steel**.
 Shows high performance for hard processed material.

Reduced the tool cost

Tool lasts longer **3 times** at least.

Non-lubrication

Suitable for **clean processing** without any lubrication oil.

◇Experimentation



●TiCN Coating (Fig.①)
 20,000hits

●Result 1 Strong wear resistance

It shows 4 times longer life comparing TiCN coated punch from another supplier.

●Result 2 Never peeled off

Easily get peeled off (Fig.①)

SDP treatment is not just surface treatment, but it is penetrated inside punch material, so it will never peeled off and still works fine even after re-grinding.



●Super Dry Punch (Fig.②)
 82,000 hits

■Endurance comparison

	Fig. ①	Fig. ②
Treatment	TiCN coating	Super Dry Punch (SDP)
Sheet material	Stainless steel t=2.0	Stainless steel t=2.0
Lubrication oil	None (Non-lubrication)	None (Non-lubrication)
Number of hits	20,000 hits	82,000 hits

■Surface treatment (Feature)

Total performance	Type of treatment	Aptitude			
		Stainless	Mild steel	Aluminum	Galvanised
High performance ↑↓ Cost performance	Super Dry Punch (SDP)	★★★★★	★★★★★	★★★	★★★
	Conic Long Life Punch (CLP)	★★★★	★★★★★	★★★★★	★★★★★
	Conic Hard Punch (CHP)	★★★	★★★★	★★★★★	★★★★
	Standard High Speed Steel	★★	★★★	★★★	★★★
	Standard D2 material	★	★	★★	★

CONIC Co., Ltd.

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