

YG-1 POLAND Sp. z o.o. ul. Krucza 41/43 lok.65 00-525 Warszawa

	Dr	illing - Fiel	d Tes	t Report							
Test Summar	rr Success[over 110%] (X) / Equal[100~110%] () / Failed[Under 100%] ()										
Country		Test Date					1 Poland	and the second			
	Company name	1	хххх		Workpiece information		San 2 -				
Customer information	Adress		XXXX		Material X22Cr MoV1		r MoV12-1	Second and			
	Deprtment.		XXXX		Size(mm)					9994	
	Person in charge	Jakub Porajski f	rom YG-1	Poland	Hardness (HB)						000
Machine information	Maker				Picture see I	RIGHT.	The part are				999
	Туре	ECOCUT			filters				9995	33995	99990
	Power (kW)	<u> </u>									
	Clamping Condition	Good									
	Machine Condition	Good							6333	99999	0001
Machning Method	Roughing () Semi-finishin () Finishing (X)	X Trough Stached			Blind						
Cutting Tools	I	YG-1 Tools			YG-1 TOOL			YG-1 TOOL		YG-1 TOOL	
Inserts	Maker	YG-1			YG-1			YG-1		YG-1	
	Designation / Grade	DH4521:	100	TiAIN Coating	DGRS93	316	H COATING	DGRS93316	H COATING	DGRS93316	H COATING
Holder/Cutter	Maker			•							•
	Designation	DREAM DRILL		RILL	DREAM DRILL HIGH FEED			DREAM DRILL HIGH FEED		DREAM DRILL HIGH FEED	
	Hole diameter	10			10		10		10		
	No of cutting edges	2			3			3		3	
Cutting Condition	Cutting speed (vc)		63	m/min		63	m/min	63	m/min	63	m/min
	RPM(n)	20	000	min ⁻¹	20	00	min ⁻¹	2000	min ⁻¹	2000	min ⁻¹
	Feedrate(fn)-Vf	0,12 - 240		mm/rev- mm/min	0,2 - 4	00	mm/rev- mm/min	0,22 - 440	mm/rev- mm/min	0,22 - 440	mm/rev- mm/min
	Depth of hole(ap)	30		mm	30		mm	30	mm	30	mm
	Coolant	yes		•	yes		yes		yes		
	Contious or iterrupted	continou		us	continous		continous		continous		
	•				Test Resu	lts					
Machining time (min)		150		min	90		min	82	min	82	min
Number of holes (pcs)		1200		pcs	1200		pcs	1200	pcs	1200	pcs
Wear (um)				um	see pict	ure	um	see picture	um	see picture	um
Type of wear					see pict	ure		see picture		see picture	
Check criteria	1										States and states and
wear ()	Toughness ()	p formation	Cutti	ng load ()	Surface qua	lity ()	Other ()	A CONTRACTOR			
Other :											
better than D	POSITIVE filter was done with 1 to REAM DRILL GENERAL. Be the filter, was some noise	ecause there is	s 1 more	e tooth, the po	wer is a little				9		
Conclusion time recution	from 40 to 45%. More p	roductivity tha	anks to	1 more flute.					5		

(2016.06.21 ver.01)

