

CASE STUDY: CHUCK JOINT COST DOWN PROJECT (ON CNC BAR FEEDER TURNING MACHINE)

TEST RESULT COMPARISON		1.Competitor1	2.Competitor2	3.GP R&D in Thailand
Chuck joint	Brand	Japan	Taiwan	GP
	Model	10DNS	10DNS	10DNS
	Front thread	M6x1L	M6x1L	M6x1L
	Back thread	M6x1L	M6x1L	M6x1L
	Front lock	Hole dia 3.2	Hole dia 3.2	Wrench 8mm
	Back lock	Wrench 8mm	Wrench 8mm	Wrench 8mm
	Material	Steel	Steel	Harden Steel
	Body diameter	10mm	10mm	10mm
	Total Length	65mm	65mm	73mm
	Inner Bearing	Ball bearing	Ball bearing	Special Ball&Thrust bearing
Machine	Brand	CITIZEN	Same	Same
	Model	Cincom A12	Same	Same
	RPM	100-8,000	Same	Same
Bar feed	Brand	BARTOP	Same	Same
	Model	OS121E	Same	Same
	Bar length	3M	Same	Same
Work piece	Material	SUS303	Same	Same
QUALITY	Working time/day(ave)	12	12	12
	Can used?(day)	30	30	60
Price	Customer reference(THB)	3,000	1,600	2,500
Chuckjoint cost for 1 machine/month		3,000	1,600	1,250
Cost down /month (THB)		0	1,400	1,750
Cost down /month(%)		0%	47%	58%
Or Customer will pay(%)		100%	53%	42%
Number of machine that customer use (M/C)		20	20	20
Chuckjoint cost /month(THB)		60,000	32,000	25,000
Cost down /month(THB)		0	28,000	35,000
Chuckjoint cost /year(THB)		720,000	384,000	300,000
Or can Cost down /year(THB)		0	336,000	420,000



1,2 Chuck joint from Japan and Taiwan



3.Chuck joint from GP.

Note

- 1.We can support all model of Chuckjoint that you need.
- 2.We can make and build stock for customer.
- 3.We always warrantee our quality for customer by test first.
- 4.We can modify and upgrade for customer need.
- 5.Please contact us for Chuckjoint solution.

