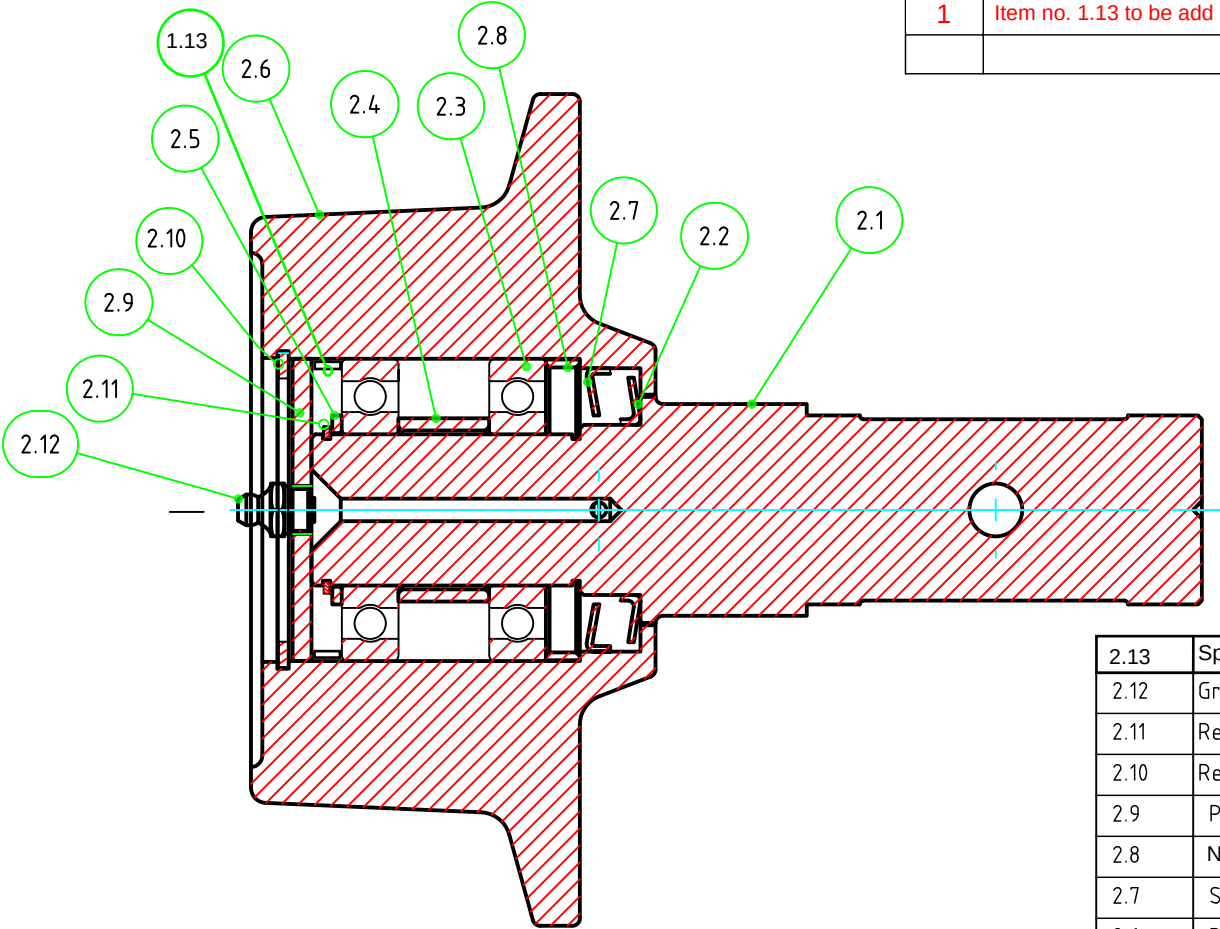


RevNo	Revision note	Date	Signature	Approved
1	Item no. 1.13 to be add	1402/09/23	H.Aliyon	H.Aliyon

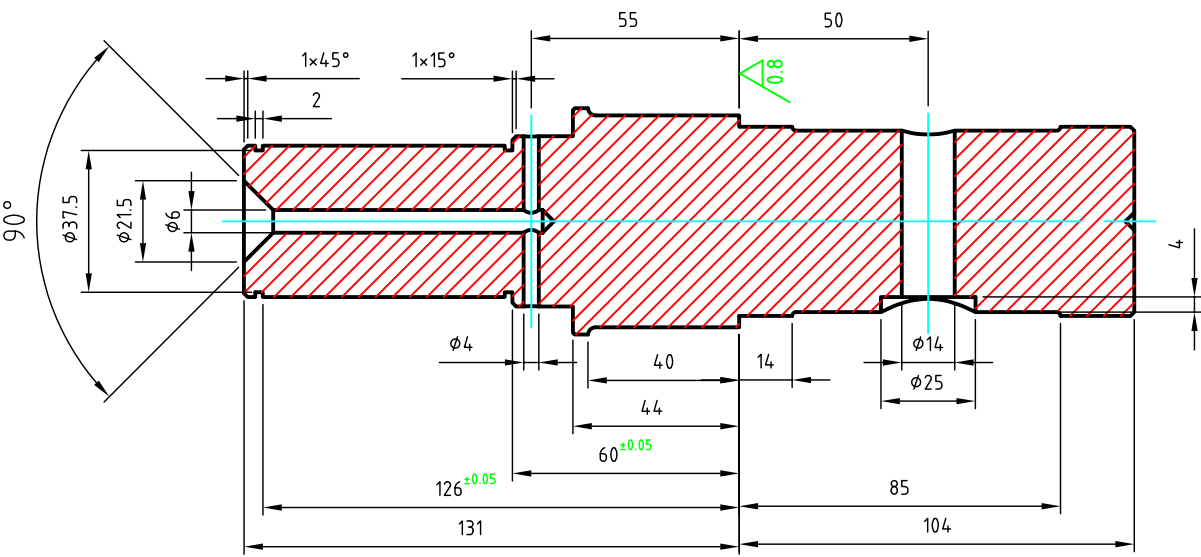
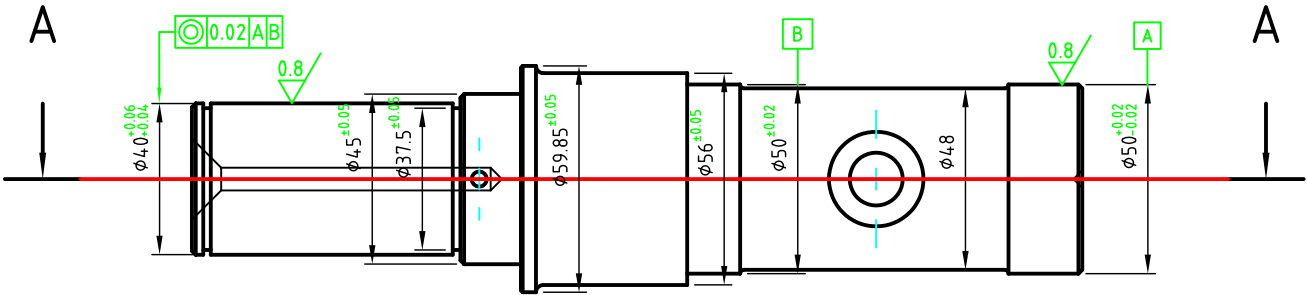


2.13	Spacer ring			1
2.12	Grease nipple			1
2.11	Retaining ring		DIN 471- 40x1.75	1
2.10	Retaining ring		DIN 472 - 80x2.5	1
2.9	Plug			1
2.8	Nilos ring		SKF- LSTO 40x80x4	1
2.7	Sealing washer			1
2.6	Roller	1.7225	Forge/Hardness:60HRC up to 5 mm	1
2.5	Shim ring			1
2.4	Shaft spacer ring			1
2.3	Rolling bearing	80/40/18	6208/C3	2
2.2	Shaft sealing washer			1
2.1	Shaft	1.1191	Hardness :200 HB	1
Item No.	Name or Description	Material or St. No.	Material specification	Qty

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPONENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED	±30'	
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

Date : 87/3/10	Description: ROLLER ASSY. ? 160 (AUMUND)		
Design : POLYSIUS			
Drawn: Rezaei	 شرکت مدیریت داخلی فروزان مدیریت - مشاور صنعتی		
Checked: Abedzadeh			
Approved:	 Drawing No :13003/1	AAT-Item: 130 00	
	Scale	Rev. 0	size: A4 Sheet : 1 of 9

RevNo	Revision note	Date	Signature	Approved



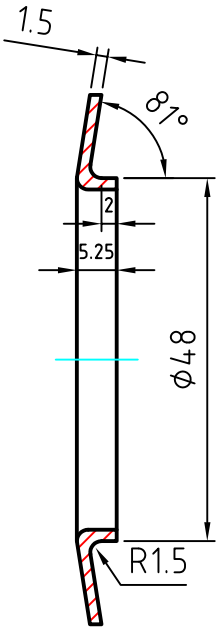
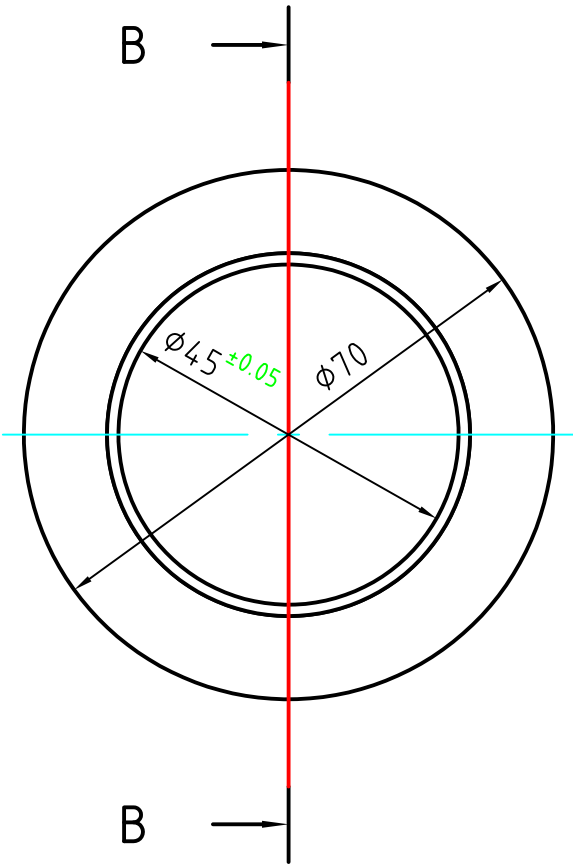
A-A

✓ (0.8 ✓ 3.2 ✓)

2.1	Shaft			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty
Date : 87/3/10		Description: ROLLER ASSY. ? 160  شرکت مدیریت دانشی فروزان مدیریت - مشاور صنعتی		
Design : POLYSIUS				
Drawn: Rezaei				
Checked: Abedzadeh		 Drawing No :13003/2 AAT-Item: 130 00		
Approved:		Scale Rev. 0 size: A4 Sheet : 2 of 9		

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED ±30'		
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

RevNo	Revision note	Date	Signature	Approved

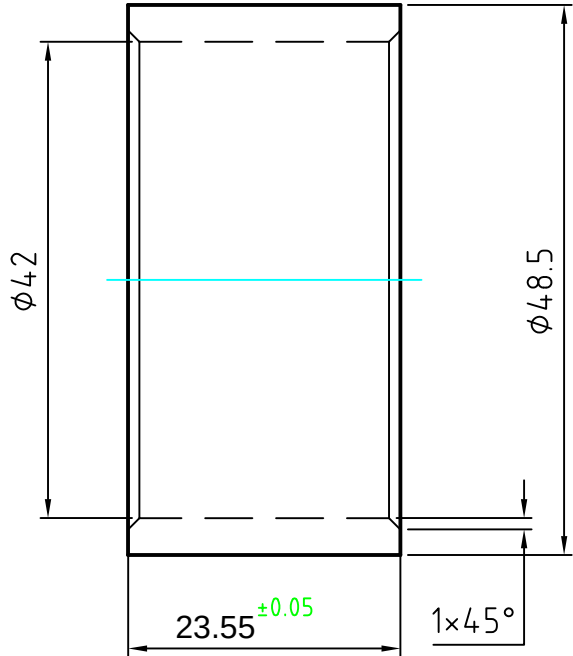


B-B

2.2	Shaft sealing			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty
Date : 87/3/10		Description: ROLLER ASSY. ? 160  شرکت مدیریت دانشی فروزان مدیریت-مشاور صنعتی		
Design : POLYSIUS				
Drawn: Rezaei				
Checked: Abedzadeh		 Drawing No :13003/3 AAT-Item: 130 00		
Approved: Abedzadeh		Scale Rev. 0 size: A4 Sheet : 3 of 9		

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES		
UNLESS OTHERWISE SPECIFIED		±30'
TO BE FREE FROM SHARP EDGES		
UNLESS OTHERWISE SPECIFIED		

RevNo	Revision note	Date	Signature	Approved

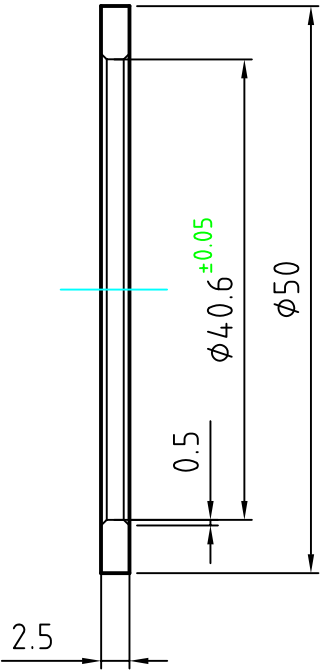


✓ (0.8 / 3.2) ✓

2.4	Shaft spacer ring			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty
Date : 87/3/10		Description: ROLLER ASSY. ? 160  شرکت مدیریت دانیلی فروزان مدیریت-مشاور صنعتی		
Design : POLYSIUS				
Drawn: Rezaei				
Checked: Abedzadeh		 Drawing No :13003/4 AAT-Item: 130 00		
Approved:		Scale Rev. 0 size: A4 Sheet : 4 of 9		

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED		±30'
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

RevNo	Revision note	Date	Signature	Approved

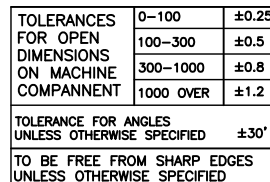


✓ (0.8 / 3.2) ✓

2.5	Shim ring (washer)			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty
Date : 87/3/10		Description: ROLLER ASSY. ? 160  شرکت مدیریت داخلی فروزان مدیریت - مشاور صنعتی		
Design : POLYSIUS				
Drawn: Rezaei				
Checked: Abedzadeh		 Drawing No :13003/5 AAT-Item: 130 00		
Approved:		Scale Rev. 0 size: A4 Sheet : 5 of 9		

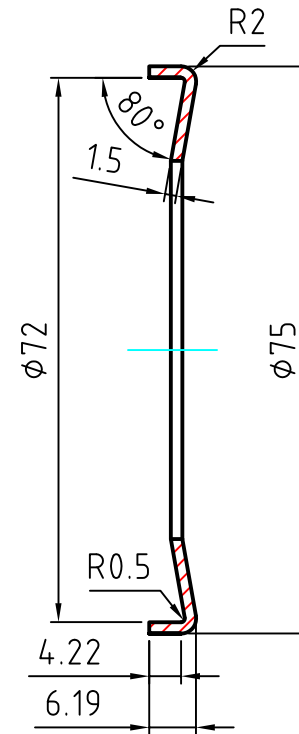
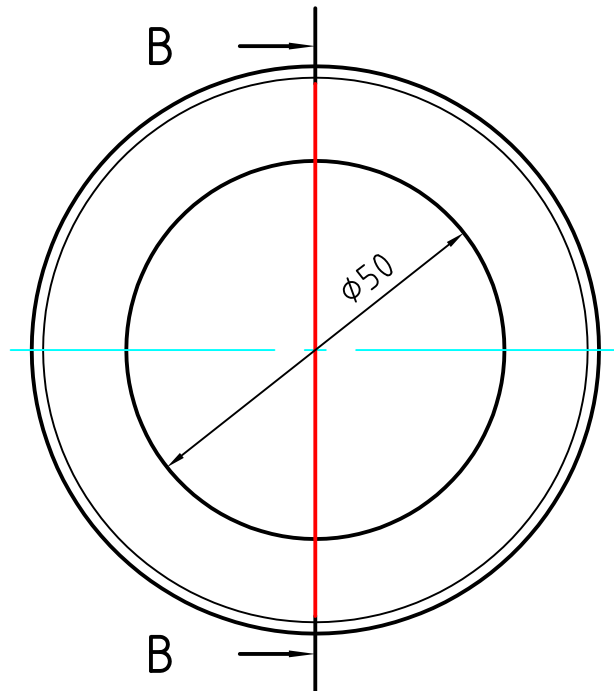
TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED ±30'		
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

✓ (0.8 ✓ 3.2 ✓)



شرکت مدیریت دانایی فرزاد
مدیریت - مشاور صنعتی

RevNo	Revision note	Date	Signature	Approved

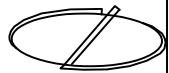
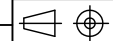


B-B

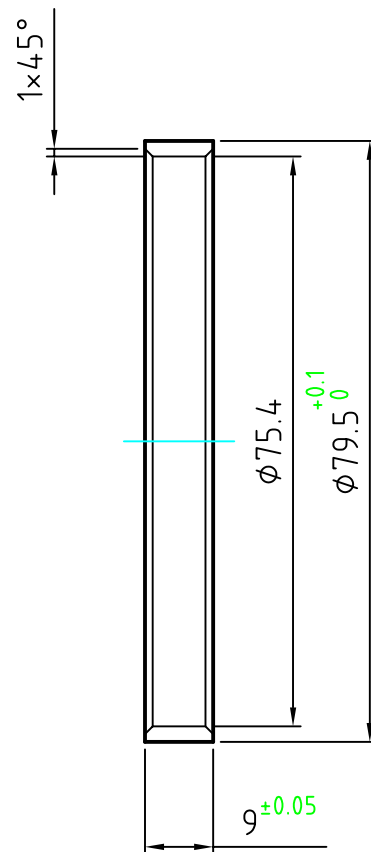


2.7	Sealing washer			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED		
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

Date : 87/3/10	Description: ROLLER ASSY. ? 160		
Design : POLYSIUS			
Drawn: Rezaei	 شرکت مدیریت داخلی فروزان مدیریت - مشاور صنعتی		
Checked: Abedzadeh			
Approved:	 Drawing No :13003/7	AAT-Item: 130 00	
	Scale	Rev. 0	size: A4 Sheet : 7 of 9

RevNo	Revision note	Date	Signature	Approved

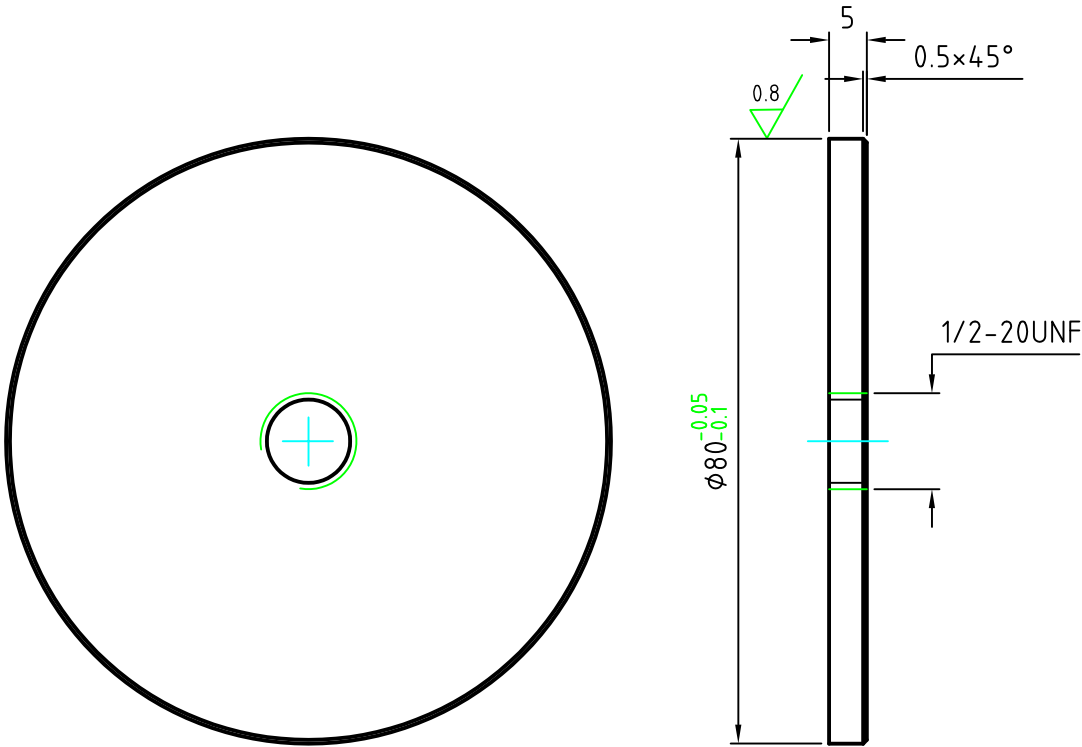


✓ (0.8/3.2) ✓

2.13	Spacer ring			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty
Date : 87/3/10		Description: ROLLER ASSY. ? 160  شرکت مدیریت فناوری فراوان مدیریت-مشاور صنعتی		
Design : POLYSIUS				
Drawn: Rezaei				
Checked: Abedzadeh			Drawing No :13003/8	AAT-Item: 130 00
Approved:			Scale	Rev. 0

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED		±30'
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

RevNo	Revision note	Date	Signature	Approved



0.8 3.2

2.9	Plug			1
Item No.	Name or Description	Material or St. No.	Material specification	Qty
Date : 87/3/10		Description: ROLLER ASSY. ? 160  شرکت مدیریت داخلی فروزان مدیریت-مشاور صنعتی		
Design : POLYSIUS				
Drawn: Rezaei				
Checked: Abedzadeh		 Drawing No :13003/9 AAT-Item: 130 00		
Approved:		Scale Rev. 0 size: A4 Sheet : 9 of 9		

TOLERANCES FOR OPEN DIMENSIONS ON MACHINE COMPANNENT	0-100	±0.25
	100-300	±0.5
	300-1000	±0.8
	1000 OVER	±1.2
TOLERANCE FOR ANGLES UNLESS OTHERWISE SPECIFIED		±30'
TO BE FREE FROM SHARP EDGES UNLESS OTHERWISE SPECIFIED		

پوسته رولر

۱,۷۲۲۵

فورج، ماشینکاری، عملیات حرارتی، سنگ زنی - تا عمق ۵ میلیمتر باید سخت کاری شود و سختی رویه HRC۶۰ نیاز می باشد

شفت رولر

۱,۱۱۹۱

ماشینکاری، عملیات حرارتی القایی، سنگ زنی - سختی HB ۲۰۰ اندازه گیری خواهد شد

بیرینگ های : 6208/C3 مارک SKF