

ASADA PIPE THREADING MACHINE



※Details of BE50G are provided on page 6.

Target Industry

- MEP Contractor (Mechanical, Electrical & Plumbing)
- Plumbing Company
- Oil & Gas Company (City gas)
- Tank Fabricator
- Shipyard
- Structural Steel Fabricator
- Roofing Engineering
- Chemical Plant

Main Application

- Fire Fighting System
- HVAC System (Chilled Water Pipeline)
- Water Supply Pipeline
- Gas Pipeline
- Compressed Air Pipeline
- Steam Pipeline
- Hydraulic Pipeline
- Various Bolt (Fixing, Hanging, Anchor)



THREADING STANDARD OF DIES

Main Applications	Standard	Description	Reference Number
Water & Gas Pipe	BSPT	British Standard Taper Pipe Thread	JIS B0203 ISO7-1 BS21
	NPT	National Pipe Thread (American Standard of Taper Pipe Thread)	ANSI / ASME B1.20.1
Conduit Pipe	BSP(S)/(P)	British Standard Parallel Pipe Thread	JIS B0202 ISO228-1
	NPSM	American Standard of Straight Pipe Thread	ANSI / ASME B1.20.1
	C	Japanese Standard Thin-wall Straight Conduit Thread	JIS B0204
	ISO-Metric	ISO-Metric Conduit Thread	BS4568
Bolt & Nut	BSW	British Standard Whitworth Thread	JIS B0206
	ISO-Metric	ISO-Metric Conduit Thread (Metric Coarse Screw Thread)	JIS B0205 JIS B0207
	UNC	Unified Coarse Screw Thread	BS1580
	UNF	Unified Fine Screw Thread	BS1580

MATERIAL TYPES OF DIES

Alloy

For steel pipe / White package marked "Alloy"



With HOLE

HSS

For stainless steel pipe / Silver package marked "HSS"



Without HOLE
SKH or HSS/SS

- ※ Deformed thread may happen in case of threading on steel pipe with HSS Dies because of the teeth shape.
- ※ Bolt HSS Dies are applicable to steel bar as well and the service life will be longer than Alloy.

ASADA BAND SAW CUTTING MACHINE



※Details of BB6・BB6F are provided on page 18.

Target Industry

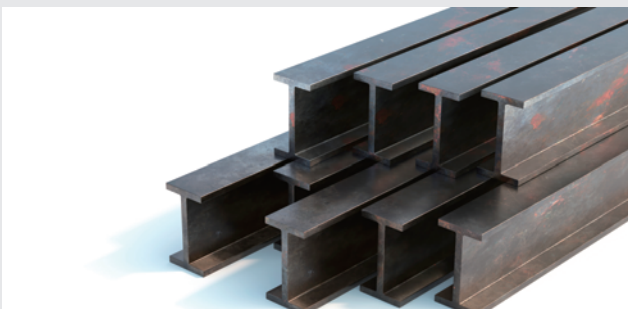
- MEP Contractor
- Structural Steel Fabricator
- (Mechanical, Electrical & Plumbing)
- Chemical Plant
- Oil & Gas Company (City gas)
- Tank Fabricator
- Power Plant
- Shipyard

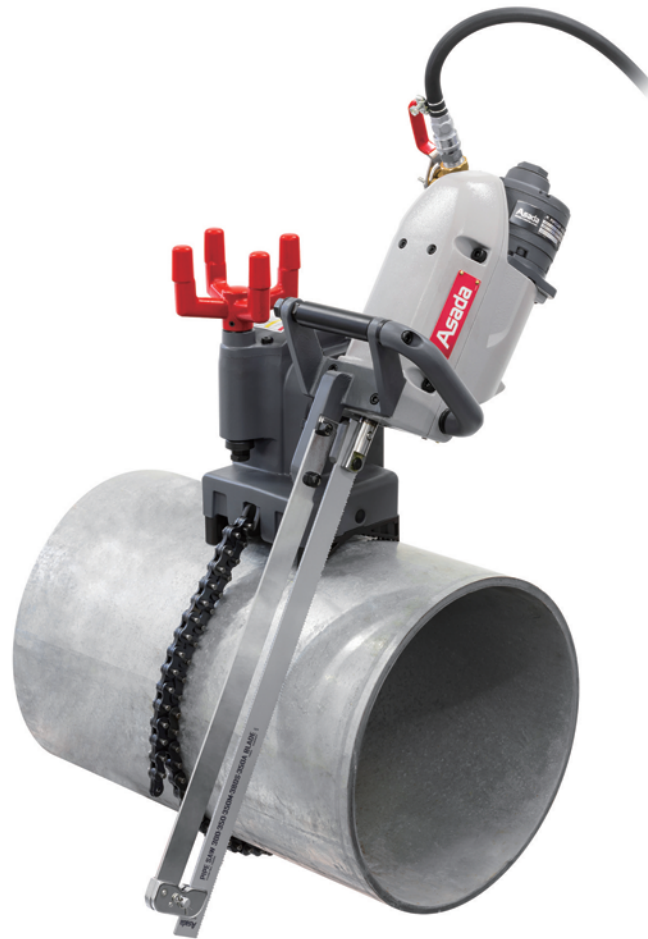
Main Application

- H-beam cutting
- Pipe cutting
- Various Steel cutting
- Stainless Steel cutting

Applicable to

Steel, Stainless Steel, Cast Iron, PVC, HDPE, etc.





*Details of PS400SA are provided on page 25.

Target Industry

- MEP Contractor
(Mechanical, Electrical & Plumbing)
- Oil & Gas Company (City gas)
- Shipyard
- Chemical Plant
- Power Plant

Main Application

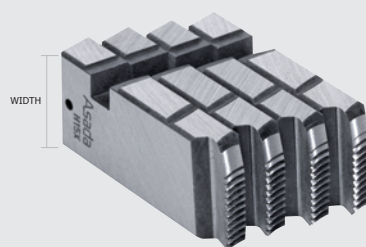










- Renovation of pipeline for
Dismantling of pipeline for
- Oil & Gas (Offshore, Refinery)
 - Fire Fighting System
 - HVAC System (Chilled Water)
 - Chemical

Applicable to

Steel, Stainless Steel, Cast Iron, PVC, HDPE, etc.

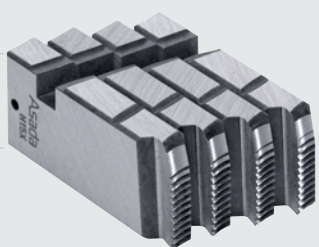


DIES BSPT - For taper pipe thread -

					D	 		       								
					H	AUTO (BE25)	MANUAL (BE25)	AUTOMATIC					MANUAL			
					TYPE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
CODE	SIZE	MATERIAL	TPI	WIDTH	BE380	AS109	BE001	52100	52200	64200	52300	20114	63090	20127	04110	
AS086	AM 1/2"-3/4"	Alloy	14	27mm	●											
AS087	AM 1"-1.1/2"	Alloy	11	27mm	●											
AS111	AM 1/2"-3/4" HSS	HSS	14	27mm	●											
AS112	AM 1"-1.1/2" HSS	HSS	11	27mm	●											
*89266	BEAVER TYPE BSPT 1/2"-3/4"	Alloy	14	27mm			●	●					●			
*89267	BEAVER TYPE BSPT 1"-2"	Alloy	11	27mm			●	●					●			
89283	BEAVER ECO BSPT 1/2"-3/4"	ECO	14	27mm			●	●					●			
89284	BEAVER ECO BSPT 1"-2"	ECO	11	27mm			●	●					●			
89328	BEAVER ECO BSPT 2.1/2"-3" AT	ECO	11	27mm					●							
89329	BEAVER ECO BSPT 2" - 3" M	ECO	11	27mm										●		
89266	BEAVER TYPE BSPT 1/2"-3/4"	N-ALLOY	14	27mm			●	●					●			
89267	BEAVER TYPE BSPT 1"-2"	N-ALLOY	11	27mm			●	●					●			
89268	BEAVER TYPE BSPT 2.1/2"-3" AT	N-ALLOY	11	27mm					●							
89323	BEAVER TYPE BSPT 2"-3" M	N-ALLOY	11	27mm										●		
89211	(AT) 1/2"-3/4"	Alloy	14	27mm			●	●					●			
89227	(AT) 1"-2"	Alloy	11	27mm			●	●					●			
89228	AT 2.1/2"-3"	Alloy	11	27mm					●							
59803	AT 2.1/2"-4"	Alloy	11	32mm						●						
89229	AT 3.1/2"-4"	Alloy	11	32mm							●					
89203	AT 1/2"-3/4" HSS	HSS	14	27mm			●	●					●			
89248	AT 1"-2" HSS	HSS	11	27mm			●	●					●			
89249	AT 2.1/2"-3" HSS	HSS	11	27mm					●							
59966	AT 2.1/2"-4" HSS	HSS	11	32mm						●						
89046	1/4"-3/8"	Alloy	19	20mm		●						●				
89049	1.1/2"-2"	Alloy	11	27mm	This dies can be used with die-head #22112 (Die-Head Manual 1/2"-2"). (Note: #22112 is no longer available)											
89051	2"-3"	Alloy	11	27mm										●		
89052	3.1/2"-4"	Alloy	11	32mm											●	
89053	1/4"-3/8" HSS	HSS	19	20mm		●						●				
89056	1.1/2"-2" HSS	HSS	11	27mm	This dies can be used with die-head #22112 (Die-Head Manual 1/2"-2"). (Note: #22112 is no longer available)											
89142	2"-3" HSS	HSS	11	27mm										●		
89184	3.1/2"-4" HSS	HSS	11	32mm											●	
89255	1/2"-3/4" HSS	HSS	14	27mm			●	●								
89256	1"-2" HSS	HSS	11	27mm			●	●								

※ Old type.

DIES NPT - For taper pipe thread -

					D		H		TYPE		SIZE					
					AUTO (BE25)		MANUAL (BE25)		AUTOMATIC				MANUAL			
					1/2"	1/4"	1/2"	1/2"	2 1/2"	2 1/2"	1/4"	1/2"	1/2"	2 1/2"		
CODE	SIZE	MATERIAL	TPI	WIDTH	BE389	AS122	BE01N	52500	52600	64350	20165	63090	20162 <small>(Discontinued)</small>	20127		
AS120	AM 1/2"-3/4"	Alloy	14	27mm	●											
AS121	AM 1"-1.1/2"	Alloy	11.5	27mm	●											
89101	(AT) 1/2"-3/4"	Alloy	14	27mm			●	●				●				
89102	(AT) 1"-2"	Alloy	11.5	27mm			●	●				●				
89245	AT 2.1/2"-3"	Alloy	8	27mm					●							
59912	AT 2.1/2"-4"	Alloy	8	32mm						●						
89285	BEAVER ECO NPT 1/2"-3/4"	Eco	14	27mm			●	●				●				
89286	BEAVER ECO NPT 1"-2"	Eco	11.5	27mm			●	●				●				
89330	BEAVER ECO NPT 2.1/2"-3" AT	Eco	8	27mm					●							
89331	BEAVER ECO NPT 2.1/2"-3" M	Eco	8	27mm										●		
89324	BEAVER TYPE NPT 1/2"-3/4"	N-Alloy	14	27mm			●	●				●				
89325	BEAVER TYPE NPT 1"-2"	N-Alloy	11.5	27mm			●	●				●				
89326	BEAVER TYPE NPT 2.1/2"-3" AT	N-Alloy	8	27mm					●							
89327	BEAVER TYPE NPT 2.1/2"-3" M	N-Alloy	8	27mm										●		
89157	1/2"-3/4" HSS	HSS	14	27mm			●	●				●				
89158	1"-2" HSS	HSS	11.5	27mm			●	●				●				
89282	AT 2.1/2"-3" HSS	HSS	8	27mm					●							
59997	AT 2.1/2"-4" HSS	HSS	8	32mm						●						
89100	1/4"-3/8"	Alloy	18	20mm		●					●					
89103	1.1/2"-2"	Alloy	11.5	27mm									●			
89258	2.1/2"-3" M	Alloy	8	27mm										●		
89274	1/4"-3/8" HSS	HSS	18	20mm		●					●					
89159	1.1/2"-2" HSS	HSS	11.5	27mm									●			
89273	2.1/2"-3" M HSS	HSS	8	27mm										●		

THREADING MACHINE

CUTTING MACHINE

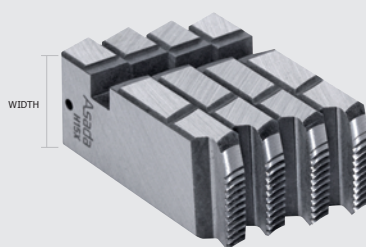


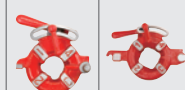
TEST PUMP

PIPE INSPECTION CAMERA

DRAIN CLEANER

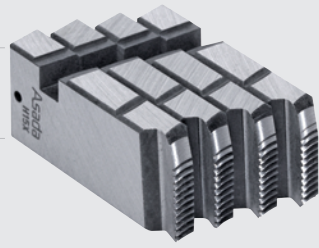


INFORMATION

DIES BSPS/C/NPSM/METRIC Conduit - For parallel(conduit) thread -

					D									
					H	MANUAL (BE25)	MANUAL				MANUAL (BE25)	MANUAL		
					TYPE	BSPS/C			NPSM			METRIC		
					STANDARD	BSPS/C			NPSM			METRIC		
SIZE	BSPS: 1/2"-1 1/4" C:19-39	BSPS: 1/2"-1 1/4" C:19-39	BSPS: 1 1/2"-3" C:51-75	1/2"-1 1/4"	1 1/2"-3"	1/2"-2"	3.1/2"-4"	16-25 mm	16-32 mm					
CODE	SIZE	MATERIAL	TPI	WIDTH	AS124	20147	20157	20171	20172	※1 63090	※2 04110	AS134	64094	
89021	C M19-25	Alloy	16	20mm	●	●								
89022	C M31-39	Alloy	16	20mm	●	●								
89023	C M51-75	Alloy	16	20mm			●							
89024	BSPS 1/2"-3/4"	Alloy	14	20mm	●	●								
89025	BSPS 1"-1.1/4"	Alloy	11	20mm	●	●								
89026	BSPS 1.1/2"-2"	Alloy	11	20mm			●							
89027	BSPS 2.1/2"-3"	Alloy	11	20mm			●							
89071	BSPS 3.1/2"-4"	Alloy	11	32mm	This dies can be used with die-head #05110 (Die-Head PF 3.1/2"-4"). (Note: #05110 is no longer available)									
89259	BSPS 1/2"-3/4" HSS	HSS	14	20mm	●	●								
89262	BSPS 2.1/2"-3" HSS	HSS	11	20mm			●							
89148	NPSM 1/2"-3/4"	Alloy	14	20mm				●						
89149	NPSM 1"-1.1/4"	Alloy	11.5	20mm				●						
89150	NPSM 1.1/2"-2"	Alloy	11.5	20mm					●					
89151	NPSM 2.1/2"-3"	Alloy	8	20mm					●					
89010	NPSM 1/2"-3/4"	Alloy	14	27mm						●				
89011	NPSM 1"-2"	Alloy	11.5	27mm						●				
89272	NPSM 3.1/2"-4"	Alloy	8	32mm							●			
89110	METRIC CONDUIT M16-20	Alloy	1.5	27mm						●			●	
89111	METRIC CONDUIT M25-32	Alloy	1.5	27mm						●			●	
89208	METRIC CONDUIT M16-32	Alloy	1.5	20mm								●		

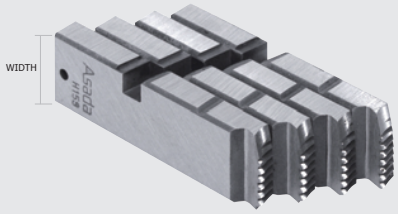


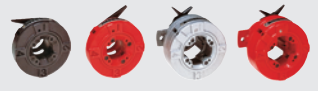
※1 Scale plate for METRIC and NPSM are not available. ※2 Scale plate for NPSM is not available.

DIES UNC / UNF - For bolt thread -

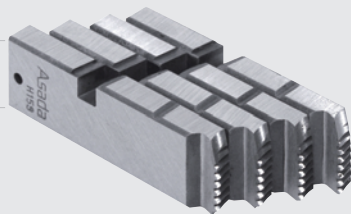



					D			
					H	MANUAL (BE50·BE50G·BE80·BE100)		DIE-HEAD FOR BOLT MACHINE
					TYPE	UNC / UNF	UNC	UNC / UNF
					STANDARD	UNC / UNF	UNC	UNC / UNF
SIZE	3/8" - 1"	1 1/8" - 1 1/2"	5/16" - 1"					
CODE	SIZE	MATERIAL	TPI	WIDTH	20160	※ 63090	10119	
89137	UNC 5/16"	Alloy	18	20mm			●	
89015	UNC 3/8"	Alloy	16	20mm	●		●	
89138	UNC 7/16"	Alloy	14	20mm	●		●	
89016	UNC 1/2"	Alloy	13	20mm	●		●	
89139	UNC 9/16"	Alloy	12	20mm	●		●	
89017	UNC 5/8"	Alloy	11	20mm	●		●	
89018	UNC 3/4"	Alloy	10	20mm	●		●	
89019	UNC 7/8"	Alloy	9	20mm	●		●	
89020	UNC 1"	Alloy	8	20mm	●		●	
89197	UNC 1.1/8"-1.1/4"	Alloy	7	27mm		●		
89198	UNC 1.3/8"-1.1/2"	Alloy	6	27mm		●		
89312	BOLT UNC 5/16"	N-Alloy	18	20mm			●	
89313	BOLT UNC 3/8"	N-Alloy	16	20mm	●		●	
89314	BOLT UNC 7/16"	N-Alloy	14	20mm	●		●	
89315	BOLT UNC 1/2"	N-Alloy	13	20mm	●		●	
89316	BOLT UNC 9/16"	N-Alloy	12	20mm	●		●	
89317	BOLT UNC 5/8"	N-Alloy	11	20mm	●		●	
89318	BOLT UNC 3/4"	N-Alloy	10	20mm	●		●	
89319	BOLT UNC 7/8"	N-Alloy	9	20mm	●		●	
89320	BOLT UNC 1"	N-Alloy	8	20mm	●		●	
89038	UNF 3/8"	Alloy	24	20mm	●		●	
89039	UNF 7/16"	Alloy	20	20mm	●		●	
89040	UNF 1/2"	Alloy	20	20mm	●		●	
89041	UNF 9/16"	Alloy	18	20mm	●		●	
89042	UNF 5/8"	Alloy	18	20mm	●		●	
89043	UNF 3/4"	Alloy	16	20mm	●		●	
89044	UNF 7/8"	Alloy	14	20mm	●		●	
89045	UNF 1"	Alloy	12	20mm	●		●	

※ Scale plate for UNC is not available.

DIES BSW - For bolt thread -

					D					
					H	MANUAL (BE25)	MANUAL (BE50, 80, 100)		DIE-HEAD FOR BOLT MACHINE	
					TYPE	MANUAL (BE25)	MANUAL (BE50, 80, 100)	MANUAL (BE50, 80, 100)	MANUAL (BE50, 80, 100)	MANUAL (BE50, 80, 100)
					SIZE	3/8"-1"	3/8"-1"	1 1/8"-2"	5/16"-1"	3/8"-1" (LEFT)
CODE	SIZE	MATERIAL	TPI	WIDTH	AS109	20114	63096	10100	10117	
89079	5/16"	Alloy	18	20mm				●		
89080	3/8"	Alloy	16	20mm	●	●		●		
89081	1/2"	Alloy	12	20mm	●	●		●		
89082	5/8"	Alloy	11	20mm	●	●		●		
89083	3/4"	Alloy	10	20mm	●	●		●		
89084	7/8"	Alloy	9	20mm	●	●		●		
89085	1"	Alloy	8	20mm	●	●		●		
89143	1.1/8"-1. 1/4"	Alloy	7	27mm			●			
89144	1.3/8"-1. 1/2"	Alloy	6	27mm			●			
89199	1.5/8"-1. 3/4"	Alloy	5	27mm			●			
89200	1.7/8"-2"	Alloy	4.5	27mm			●			
89086	LEFT 3/8"	Alloy	16	20mm					●	
89087	LEFT 1/2"	Alloy	12	20mm					●	
89088	LEFT 5/8"	Alloy	11	20mm					●	
89089	LEFT 3/4"	Alloy	10	20mm					●	
89090	LEFT 7/8"	Alloy	9	20mm					●	
89091	LEFT 1"	Alloy	8	20mm					●	
89290	5/16"	N-Alloy	18	20mm				●		
89291	3/8"	N-Alloy	16	20mm	●	●		●		
89292	1/2"	N-Alloy	12	20mm	●	●		●		
89293	5/8"	N-Alloy	11	20mm	●	●		●		
89294	3/4"	N-Alloy	10	20mm	●	●		●		
89295	7/8"	N-Alloy	9	20mm	●	●		●		
89296	1"	N-Alloy	8	20mm	●	●		●		
18503	5/16" HSS	HSS	18	20mm				●		
18504	3/8" HSS	HSS	16	20mm	●	●		●		
18505	1/2" HSS	HSS	12	20mm	●	●		●		
18506	5/8" HSS	HSS	11	20mm	●	●		●		
18507	3/4" HSS	HSS	10	20mm	●	●		●		
18508	7/8" HSS	HSS	9	20mm	●	●		●		
18509	1" HSS	HSS	8	20mm	●	●		●		
89225	1.1/8"-1.1/4" HSS	HSS	7	27mm			●			
89226	1.3/8"-1.1/2" HSS	HSS	6	27mm			●			
89275	1.5/8"-1.3/4" HSS	HSS	5	27mm			●			
18513	LEFT 3/8" HSS	HSS	16	20mm					●	
18514	LEFT 1/2" HSS	HSS	12	20mm					●	
18515	LEFT 5/8" HSS	HSS	11	20mm					●	
18516	LEFT 3/4" HSS	HSS	10	20mm					●	
18517	LEFT 7/8" HSS	HSS	9	20mm					●	
18518	LEFT 1" HSS	HSS	8	20mm					●	

DIES Metric - For bolt thread -

					D						
					H	MANUAL (BE25)	MANUAL (BE50, 80, 100)		DIE-HEAD FOR BOLT MACHINE		
					TYPE	SIZE	SIZE	SIZE	SIZE	SIZE	
CODE	SIZE	MATERIAL	TPI (mm)	WIDTH	AS110	20158	※ 63095	10118	10126		
89001	M8	Alloy	1.25	20mm				●			
89002	M10	Alloy	1.5	20mm	●	●		●			
89003	M12	Alloy	1.75	20mm	●	●		●			
89140	M14-16	Alloy	2	20mm	●	●		●			
89141	M18-22	Alloy	2.5	20mm	●	●		●			
89009	M24	Alloy	3	20mm	●	●		●			
89192	M27	Alloy	3	27mm			●				
89193	M30-33	Alloy	3.5	27mm			●				
89194	M36	Alloy	4	27mm			●				
89234	M42	Alloy	4.5	27mm			●				
89164	LEFT M8	Alloy	1.25	20mm					●		
89165	LEFT M10	Alloy	1.5	20mm					●		
89166	LEFT M12	Alloy	1.75	20mm					●		
89167	LEFT M14-16	Alloy	2	20mm					●		
89168	LEFT M18-22	Alloy	2.5	20mm					●		
89169	LEFT M24	Alloy	3	20mm					●		
89302	BOLT M8	N-Alloy	1.25	20mm				●			
89303	BOLT M10	N-Alloy	1.5	20mm	●	●		●			
89304	BOLT M12	N-Alloy	1.75	20mm	●	●		●			
89305	BOLT M14-16	N-Alloy	2	20mm	●	●		●			
89306	BOLT M18-22	N-Alloy	2.5	20mm	●	●		●			
89307	BOLT M24	N-Alloy	3	20mm	●	●		●			
18522	M8 HSS	HSS	1.25	20mm				●			
18523	M10 HSS	HSS	1.5	20mm	●	●		●			
18524	M12 HSS	HSS	1.75	20mm	●	●		●			
18538	M14-16 HSS	HSS	2	20mm	●	●		●			
18539	M18-22 HSS	HSS	2.5	20mm	●	●		●			
18530	M24 HSS	HSS	3	20mm	●	●		●			
18556	LEFT M8 HSS	HSS	1.25	20mm					●		
18541	LEFT M10 HSS	HSS	1.5	20mm					●		
18542	LEFT M12 HSS	HSS	1.75	20mm					●		
18543	LEFT M14-16 HSS	HSS	2	20mm					●		
18544	LEFT M18-22 HSS	HSS	2.5	20mm					●		
18555	LEFT M24 HSS	HSS	3	20mm					●		

※ Scale plate for 42mm is not available.