



FORCE GAGE ADAPTERS

FORCE GAGE ADAPTERS

These adapters are supplied standard with Starrett force gages. They may also be used with thread adapters and various load cell sensors available from Starrett.

Gage adapters include flats, notches, chisels, points and rods.

FLAT ADAPTERS

- For general-purpose compression testing applications
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)

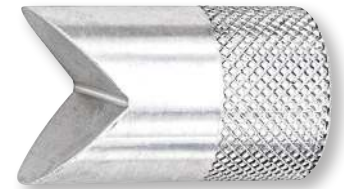
Flat Adapters											
Model No.	Load Capacity			Thread Size Metric	Material	Diameter (Flat)		Length		Supply	OD
	N	KGf	LBF			in	mm	in	mm		
MLX-FLAT-A	20	2	5	M6 x 1-6H	Aluminum	0.5	12	0.5	12	1	1/2"
MLX-FLAT-S	1,500	150	330	M6 x 1-6H	Stainless	0.5	12	0.5	12	1	1/2"
MLX-FLAT-L	2,500	250	550	M10 x 1.5-6H	Stainless	0.75	19	0.875	22	1	3/4"
MLX-FLAT-XL	5,000	500	1,100	M12 x 1.75-6H	Stainless	0.75	19	0.875	22	1	3/4"



NOTCH ADAPTERS

- For general-purpose compression testing applications
- Threaded attachment, 90° notch
- Operating Temperatures 32° to 158°F (0° to 70°C)

V-Notch Adapters											
Model No.	Load Capacity			Thread Size Metric	Material	Diameter		Length		Supply	OD
	N	KGf	LBF			in	mm	in	mm		
MLX-NOTCH-A	20	2	5	M6 x 1-6H	Aluminum	0.375	9.5	0.625	15.9	1	3/8"
MLX-NOTCH-S	1,500	150	330	M6 x 1-6H	Stainless	0.375	9.5	0.625	15.9	1	3/8"
MLX-NOTCH-L	2,500	250	550	M10 x 1.5-6H	Stainless	0.625	15.9	1.125	28.6	1	5/8"
MLX-NOTCH-XL	5,000	500	1,100	M12 x 1.75-6H	Stainless	0.625	15.9	1.125	28.6	1	5/8"



CHISEL ADAPTERS

- For general-purpose compression testing applications
- Threaded attachment, 60° chisel point
- Operating Temperatures 32° to 158°F (0° to 70°C)

Chisel Adapters											
Model No.	Load Capacity			Thread Size Metric	Material	Diameter		Length		Supply	OD
	N	KGf	LBF			in	mm	in	mm		
MLX-CHISEL-A	20	2	5	M6 x 1-6H	Aluminum	0.375	9.5	0.625	15.9	1	0.475
MLX-CHISEL-S	1,500	150	330	M6 x 1-6H	Stainless	0.375	9.5	0.625	15.9	1	3/8"
MLX-CHISEL-L	2,500	250	550	M10 x 1.5-6H	Stainless	0.625	15.9	1.125	28.6	1	5/8"
MLX-CHISEL-XL	5,000	500	1,100	M12 x 1.75-6H	Stainless	0.625	15.9	1.125	28.6	1	5/8"



POINT ADAPTERS

- For general-purpose compression testing applications
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)

Point Adapters											
Model No.	Load Capacity			Thread Size Metric	Material	Diameter		Length		Supply	OD
	N	KGf	LBF			in	mm	in	mm		
MLX-POINT-A	20	2	5	M6 x 1-6H	Aluminum	0.375	9.5	0.625	15.9	1	3/8"
MLX-POINT-S	1,500	150	330	M6 x 1-6H	Stainless	0.375	9.5	0.625	15.9	1	3/8"
MLX-POINT-L	2,500	250	550	M10 x 1.5-6H	Stainless	0.625	15.9	1.125	28.6	1	5/8"
MLX-POINT-XL	5,000	500	1,100	M12 x 1.75-6H	Stainless	0.625	15.9	1.125	28.6	1	5/8"



EXTENSION RODS

These threaded extension rods come in a variety of lengths and materials. Use to affix gage adapters or other forms of threaded test fixtures.

Rods can be threaded to a force gage or load cell sensor.

EXTENSION RODS

- Provides for a longer testing length
- Threaded attachment, multiple lengths available
- Operating Temperatures 32° to 158°F (0° to 70°C)



Extension Rods									
Model No.	Load Capacity			Thread Size "A"	Thread Size "B"	Material	Length		Supply
	N	KGF	LBF	Metric	Metric		in	mm	
MLX-ROD-A1	50	5	10	M6 x 1-6H	M6 x 1-6g	Aluminum	1.0	25.4	1
MLX-ROD-A2	50	5	10	M6 x 1-6H	M6 x 1-6g	Aluminum	2.0	50.8	1
MLX-ROD-A6	50	5	10	M6 x 1-6H	M6 x 1-6g	Aluminum	6.0	152.4	1
MLX-ROD-S1	1,500	150	330	M6 x 1-6H	M6 x 1-6g	Stainless	1.0	25.4	1
MLX-ROD-S2	1,500	150	330	M6 x 1-6H	M6 x 1-6g	Stainless	2.0	50.8	1
MLX-ROD-S6	1,500	150	330	M6 x 1-6H	M6 x 1-6g	Stainless	6.0	152.4	1
MLX-ROD-L2	2,500	250	550	M10 x 1.5-6H	M10 x 1.5-6g	Stainless	2.0	50.8	1
MLX-ROD-L6	2,500	250	550	M10 x 1.5-6H	M10 x 1.5-6g	Stainless	6.0	152.4	1
MLX-ROD-XL6	5,000	500	1,100	M12 x 1.75-6H	M12 x 1.75-6g	Stainless	6.0	152.4	1

FORCE GAGE ACCESSORY KITS

These force gage kits include a hook, flat, notch, chisel, point and rod.

FORCE GAGE KITS

- Includes each force gage accessory by type
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)



Force Gage Accessory Kits										
Model No.	Load Capacity			Force Gage Adapters					Supply	
	N	KGF	LBF	Hook	Flat	Notch	Chisel	Point		Rod
SPK-FG-A	50	5	10	MLX-HOOK-XS	MLX-FLAT-A	MLX-NOTCH-A	MLX-CHISEL-A	MLX-POINT-A	MLX-ROD-A6	1
SPK-FG-S	500	50	110	MLX-HOOK-S	MLX-FLAT-S	MLX-NOTCH-S	MLX-CHISEL-S	MLX-POINT-S	MLX-ROD-S6	1
SPK-FG-M	1,500	150	330	MLX-HOOK-M	MLX-FLAT-S	MLX-NOTCH-S	MLX-CHISEL-S	MLX-POINT-S	MLX-ROD-S6	1
SPK-FG-L	2,500	250	550	MLX-HOOK-L	MLX-FLAT-L	MLX-NOTCH-L	MLX-CHISEL-L	MLX-POINT-L	MLX-ROD-L6	1

THREADED ADAPTERS

These threaded adapters are used to mate dissimilar threaded connectors. Included are couplers, male-to-male and male-to-female thread adapters.

COUPLERS

- For mating two male threaded adapters
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)



Female to Female Threaded Couplers

Model No.	Dimensions			Supply
	Length	Thread A	Thread B	
MLX-25037	0.75 in	#10-32 UNF-2B	1/4-28 UNF-2B	1
MLX-25038	0.75 in	#10-32 UNF-2B	M6 x 1-6H	1
MLX-25039	1.0 in	5/16-18 UNF-2B	M6 x 1-6H	1
MLX-25040	0.75 in	1/4-28 UNF-2B	M6 x 1-6H	1
MLX-25041	1.25 in	5/16-18 UNF-2B	M10 x 1.5-6H	1
MLX-25042	1.25 in	1/2-20 UNF-2B	M10 x 1.5-6H	1
MLX-25064	0.75 in	M6 x 1-6H	M6 x 1-6H	1
MLX-25065	1.25 in	M10 x 1.5-6H	M10 x 1.5-6H	1
MLX-25066	0.75 in	#10-32 UNF-2B	#10-32 UNF-2B	1
MLX-25067	0.75 in	1/4-28 UNF-2B	1/4-28 UNF-2B	1
MLX-25068	1.00 in	5/16-18 UNF-2B	5/16-18 UNF-2B	1
MLX-25069	1.25 in	1/2-20 UNF-2B	1/2-20 UNF-2B	1

SET SCREWS

- For general thread adapters
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)



Set Screws

Model No.	Dimensions		Supply
	Length	Thread	
MLX-51000195	20mm	M4 x 0.7	1
MLX-51000187	25mm	M6 x 1	1
MLX-51000188	25mm	M10 x 1.5	1
MLX-51000196	25mm	M12 x 1.75	1

FEMALE TO MALE THREAD ADAPTER

- Has one female and one male thread
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)



Female to Male Thread Adapters

Model No.	Dimensions			Supply
	Length	Female Thread	Male Thread	
MLX-25043	0.75 in	#10-32 UNF-2B	M6 x 1-6g	1
MLX-25044	0.75 in	M6 x 1-6H	#10-32 UNF-2A	1
MLX-25045	0.75 in	1/4-28 UNF-2B	M6 x 1-6g	1
MLX-25046	0.75 in	M6 x 1-6H	1/4-28 UNF-2A	1
MLX-25047	1.00 in	5/16-18 UNC-2B	M6 x 1-6g	1
MLX-25048	0.875 in	M6 x 1-6H	5/16-18 UNC-2A	1
MLX-25049	1.125 in	5/16-18 UNC-2B	M10 x 1.5-6g	1
MLX-25050	1.25 in	M10 x 1.5-6H	5/16-18 UNC-2A	1
MLX-25051	1.25 in	1/2-2 UNF-2B	M10 x 1.5-6g	1
MLX-25052	1.25 in	M10 x 1.5-6H	1/2-20 UNF-2A	1

MALE TO MALE THREAD ADAPTER

- Has two dissimilar male threads
- Threaded attachment
- Operating Temperatures 32° to 158°F (0° to 70°C)



Male to Male Thread Adapter

Model No.	Dimensions			Supply
	Length	Thread A	Thread B	
MLX-25053	0.75 in	M4 x 0.7-6g	M6 x 1-6g	1
MLX-25054	0.875 in	M10 x 1.5-6g	M6 x 1-6g	1
MLX-25055	0.75 in	#10-32 UNF-2A	1/4-28 UNF-2A	1
MLX-25056	0.875 in	#10-32 UNF-2A	5/16-18 UNC-2A	1
MLX-25057	0.875 in	5/16-18 UNC-2A	1/4-28 UNF-2A	1
MLX-25058	0.875 in	1/4-28 UNF-2A	1/2-20 UNF-2A	1
MLX-25059	1.00 in	5/16-18 UNC-2A	1/2-20 UNF-2A	1
MLX-25060	0.75 in	#10-32 UNF-2A	M6 x 1-6g	1
MLX-25061	0.75 in	1/4-28 UNF-2A	M6 x 1-6g	1
MLX-25062	1.00 in	5/16-18 UNC-2A	M10 x 1.5-6g	1
MLX-25063	1.00 in	1/2-20 UNF-2A	M10 x 1.5-6g	1