

# TABER® Linear Abraser Set-Up Options



The following chart is provided to assist in establishing a specific test load<sup>1</sup>. To calculate the total load, sum the combined weights of the system:

<b>TOTAL LOAD = Spline Shaft + Weight Support (optional) + Auxiliary Weight Disc(s) (optional) + Attachment</b>
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Spline Shaft			Wear & Abrasion Attachments			Scratch / Mar Attachments		
130855	Spline Kit, steel <i>10mm diam. x 300mm</i>	180g	130852	Wearaser Collet Kit, <i>stainless steel</i>	98g	133566	90° Multi-Mar Scratch, <i>w/ loop stylus</i>	100g
132190	Spline Kit, aluminum <i>10mm diam. x 300mm</i>	85g	131852	Wearaser Collet Kit, <i>aluminum</i>	28g	133136	45° Multi-Mar Scratch, <i>w/ loop stylus</i>	98g
132280	Spline Kit, aluminum <i>10mm diam. x 150mm</i>	43g	131852-1	Wearaser Collet Kit, <i>plastic</i>	16g	133138	Needle Stylus <i>(for MultiMar Scratch)</i>	--
			131862	Wearaser Collet Kit, <i>jumbo</i>	43g	133139	Hoffman Stylus <i>(for MultiMar Scratch)</i>	--
			130572	Universal Attachment, <i>stainless steel 25.4mm dia.</i>	98g	133178	Copper Coin <i>(for MultiMar Scratch)</i>	--
Weight Support			134217	Universal Attachment, <i>aluminum 50.8mm dia.</i>	98g	133553	Conical Scratch Tip, <i>0.10mm Diameter</i>	9g
133554	Weight Support, for <i>steel spline shaft</i> 350g base load	72g	132735	Precision Knuckle Attachment	135g	133555	Conical Scratch Tip, <i>0.25mm Diameter</i>	9g
133556	Weight Support, for <i>aluminum shaft</i> 350g base load	167g	130570	Crockmeter Kit <i>16mm dia.</i>	166g	135167	Conical Scratch Tip, <i>0.30mm Diameter</i>	10g
Auxiliary Weight Discs			134571	Crock Block Kit w/holder <i>19mm x 25.4mm</i>	166g	133557	Conical Scratch Tip, <i>0.40mm Diameter</i>	10g
132716	Auxiliary Weight Disc, <i>10g</i>	10g	132700	Square Crock Finger, <i>requires Crockmeter Kit</i>	28g	133559	Conical Scratch Tip, <i>0.50mm Diameter</i>	10g
132717	Auxiliary Weight Disc, <i>20g</i>	20g	134550	Rectangular Crock Block, <i>40mm x 85mm</i>	170g	135166	Conical Scratch Tip, <i>0.60mm Diameter</i>	10g
131548	Auxiliary Weight Disc, <i>50g</i>	50g	134298	Special Crock Attachment, <i>stainless steel; R10mm</i>	125g	135243	Conical Scratch Tip, <i>0.75mm Diameter</i>	10g
131611	Auxiliary Weight Disc, <i>75g</i>	75g	134656	10mm Padded Square Finger Attachment	27g	134622	Conical Scratch Tip, <i>1.0mm Diameter</i>	10g
131612	Auxiliary Weight Disc, <i>100g</i>	100g	134658	20mm Padded Square Finger Attachment	39g	132347	Hemisphere Scratch Tip, <i>1.0mm Diameter</i>	9.5g
135174	Auxiliary Weight Disc, <i>110g</i>	110g	134985	Steel Wool Holder Kit	22.5g	132348	Hemisphere Mar Tip, <i>7.0mm Diameter</i>	11.5g
131373	Auxiliary Weight Disc, <i>150g</i>	150g	133432	ScotchBrite® Abrasive Pad Kit	58g	130575	Scratch Kit, Stainless Steel <i>w/ Conical Diamond Tool</i>	98g
130285	Auxiliary Weight Disc, <i>250g</i>	250g	133450	Brass Brush Holder Attachment Kit	79g	131604	Scratch Kit, Aluminum <i>w/ Conical Diamond Tool</i>	33g
134218-1	Auxiliary Weight, <i>1000g</i>	1000g	133423	Test Wedge Kit, includes SIC 320 sandpaper	180g	132892	Diamond Tool Holder, <i>w/ 90° Conical Diamond Tool</i>	9g
132740	Precision Weight Kit, <i>(mounts to spline shaft)</i>	Min. 7g	134380	Wire Scrape Attachment, 1mm diam. wire	81g	132910	Diamond Tool Holder, <i>w/ 60° Conical Diamond Tool</i>	9g
132710	Precision Weight Post, <i>(mounts to weight holder)</i>	Min. 35g	134495	Wire Scrape Attachment, 0.635mm diam. wire	81g	134981	Diamond Tool Holder, <i>w/ 60° Conical Diamond Tool</i>	9g
			133060	Wire/Cable Scrape Abrasion Kit	63g	133475	Scraper, 5mm	37g
			134887	Wire/Cable Scrape Abrasion Kit	63g	133476	Scraper, 10mm	46g
			133370	Flexible Material Abrasion Kit	--	131716	Coin Holder Kit, <i>45; 60; or 75 degree</i>	40g
			134583	Flexible Material Abrasion Kit	--	133453	Pencil Hardness Scratch Kit <i>includes weight of pencil</i>	34g

**NOTES:**

- a) The standard load is 350g and includes the mass of the spline shaft; weight support; and steel wearaser collet kit.
- b) If no accessory weight discs are required, it is possible to reduce the load by removing the weight support.
- c) The maximum number of 250g weight discs that should be applied to the weight support is:  
*133554 – 5 discs    133556 – 7 discs*
- d) Recommended **MAXIMUM** loads:  

Spline Kit, steel (130855):	2400 grams
Spline Kit, aluminum (132190):	2100 grams
Spline Kit, aluminum (132280):	2100 grams
- e) T-Slot Universal Table (133336) or Universal Specimen Table (131734) are strongly recommended.

<sup>1</sup> Mass of attachments are for information purposes only, and do not include tolerances

