

# 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>	95g
132280	Spline Kit, aluminum <i>10mm diam. x 150mm</i>	41g	131852-1	Wearaser Collet Kit, <i>plastic</i>	16g	135025	Needle Stylus <i>(for MultiMar Scratch)</i>	--
<b>Weight Support</b>			131862	Wearaser Collet Kit, <i>jumbo</i>	43g	133139	Hoffman Stylus <i>(for MultiMar Scratch)</i>	--
133554	Weight Support, for <i>steel spline shaft</i> 350g base load	72g	130572	Universal Attachment, <i>stainless steel 25.4mm dia.</i>	98g	133178	Copper Coin <i>(for MultiMar Scratch)</i>	--
133556	Weight Support, for <i>aluminum shaft</i> 350g base load	167g	135430	Universal Attachment, <i>aluminum 50.8mm dia.</i>	98g	135447-1	Stainless Steel Coin <i>(for MultiMar Scratch)</i>	--
<b>Auxiliary Weight Discs</b>			132735	Precision Knuckle Attachment	135g	133553	Conical Scratch Tip, 0.10mm Diameter	9g
132716	Auxiliary Weight Disc, <i>10g</i>	10g	130570	Crockmeter Kit <i>16mm dia.</i>	166g	133555	Conical Scratch Tip, 0.25mm Diameter	9g
132717	Auxiliary Weight Disc, <i>20g</i>	20g	134571	Crock Block Kit w/holder <i>19mm x 25.4mm</i>	166g	135167	Conical Scratch Tip, 0.30mm Diameter	10g
131548	Auxiliary Weight Disc, <i>50g</i>	50g	132700	Square Crock Finger, <i>requires Crockmeter Kit</i>	28g	133557	Conical Scratch Tip, 0.40mm Diameter	10g
131611	Auxiliary Weight Disc, <i>75g</i>	75g	134550	Rectangular Crock Block, <i>40mm x 85mm</i>	170g	133559	Conical Scratch Tip, 0.50mm Diameter	10g
131612	Auxiliary Weight Disc, <i>100g</i>	100g	134298	Special Crock Attachment, <i>stainless steel; R10mm</i>	125g	135166	Conical Scratch Tip, 0.60mm Diameter	10g
135174	Auxiliary Weight Disc, <i>110g</i>	110g	135681	Rubbing Adapter C, <i>requires Crockmeter Kit</i>	172g	135243	Conical Scratch Tip, 0.75mm Diameter	10g
131373	Auxiliary Weight Disc, <i>150g</i>	150g	134656	10mm Padded Square Finger Attachment	27g	134622	Conical Scratch Tip, 1.0mm Diameter	10g
130285	Auxiliary Weight Disc, <i>250g</i>	250g	134658	20mm Padded Square Finger Attachment	39g	135193	Hemisphere Scratch Tip, 1.0 mm dia. - steel w/HRC60-66	9.5g
134218-1	Auxiliary Weight, <i>1000g</i>	1000g	134985	Steel Wool Holder Kit	22.5g	132347	Hemisphere Scratch Tip, 1.0 mm dia. - tungsten carbide	9.5g
134218-2	Auxiliary Weight, <i>2000g</i>	2000g	133432	ScotchBrite™ Abrasive Pad Kit	58g	135627	Hemisphere Mar Tip, 3.0 mm dia. - tungsten carbide	10.5g
132740	Precision Weight Kit, <i>(mounts to spline shaft)</i>	Min. 7g	133450	Brass Brush Holder Attachment Kit	79g	132348	Hemisphere Mar Tip, 7.0 mm dia. - tungsten carbide	11.5g
132710	Precision Weight Post, <i>(mounts to weight holder)</i>	Min. 35g	133423	Test Wedge Kit, includes SIC 320 sandpaper	180g	130575	Scratch Kit, Stainless Steel w/ <i>Conical Diamond Tool</i>	98g
<b>Accessories</b>			134380	Wire Scrape Attachment, 1mm diam. wire	81g	131604	Scratch Kit, Aluminum w/ <i>Conical Diamond Tool</i>	33g
131877	Multi-Head Attachment, <i>with aluminum spline shaft</i>	--	134495	Wire Scrape Attachment, 0.635mm diam. wire	81g	132892 132910	Diamond Tool Holder, w/ <i>90° Conical Diamond Tool</i>	9g
131877-1	Multi-Head Attachment, <i>with steel spline shaft</i>	--	133060 134887	Wire/Cable Scrape Abrasion Kit	63g	134981	Diamond Tool Holder, w/ <i>60° Conical Diamond Tool</i>	9g
			133370 134583	Flexible Material Abrasion Kit	17g	133475	Scraper, 5mm	37g
						133476	Scraper, 10mm	46g
						131716	Coin Holder Kit, <i>45; 60; or 75 degree</i>	40g
						133453	Pencil Hardness Scratch Kit <i>includes weight of pencil</i>	34g

**NOTES:**

- a) The standard load is 350g (includes mass of 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

