

# 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 Ø 10mm x 300mm	180g	130852	Wearaser Collet Kit, stainless steel	98g	133566	90° Multi-Mar Scratch, w/ loop stylus	100g
132190	Spline Kit, aluminum Ø 10mm x 300mm	85g	131852	Wearaser Collet Kit, aluminum	28g	133136	45° Multi-Mar Scratch, w/ loop stylus	95g
132280	Spline Kit, aluminum Ø 10mm x 150mm	41g	131852-1	Wearaser Collet Kit, plastic	16g	135025	Needle Stylus, Ø 1.5 mm tip (for Multi-Mar Scratch)	--
Weight Support			131862	Jumbo Wearaser Collet Kit	43g	133139	Hoffman Stylus (for Multi-Mar Scratch)	--
133554	Weight Support, for steel/ spline shaft 350g base load	72g	130572	Universal Attachment, Ø 25.4mm, stainless steel	98g	133178	Copper Coin (for Multi-Mar Scratch)	--
133556	Weight Support, for alumi- num shaft 350g base load	167g	135430	Universal Attachment, Ø 50.8mm, aluminum	98g	135447 135447-1	Stainless Steel Coin (for Multi-Mar Scratch)	--
Auxiliary Weight Discs			132735	Precision Knuckle Attachment	135g	133553	Conical Scratch Tip, 60° Ø 0.10mm	9g
132716	Auxiliary Weight Disc, 10g	10g	130570	Crockmeter Kit Ø 16mm	166g	133555	Conical Scratch Tip, 60° Ø 0.25mm, tungsten carbide	9g
136306	Auxiliary Weight Disc, 15g	15g	134571	Crock Block Kit w/holder 19mm x 25.4mm	166g	135167	Conical Scratch Tip, 60° Ø 0.30mm, tungsten carbide	10g
132717	Auxiliary Weight Disc, 20g	20g	132700	Square Crock Finger, requires Crockmeter Kit	28g	133557	Conical Scratch Tip, 60° Ø 0.40mm, tungsten carbide	10g
131548	Auxiliary Weight Disc, 50g	50g	134550	Rectangular Crock Block, 40mm x 85mm	170g	133559	Conical Scratch Tip, 60° Ø 0.50mm, tungsten carbide	10g
131611	Auxiliary Weight Disc, 75g	75g	134298	Special Crock Attachment, stainless steel; R10mm	125g	135166	Conical Scratch Tip, 60° Ø 0.60mm, tungsten carbide	10g
131612	Auxiliary Weight Disc, 100g	100g	135681	Rubbing Adapter C, requires Crockmeter Kit	172g	135243	Conical Scratch Tip, 60° Ø 0.75mm, tungsten carbide	10g
135174	Auxiliary Weight Disc, 110g	110g	134656	10mm Padded Square Finger Attachment	27g	134622	Conical Scratch Tip, 60° Ø 1.0mm, tungsten carbide	10g
131373	Auxiliary Weight Disc, 150g	150g	134658	20mm Padded Square Finger Attachment	39g	135193	Hemisphere Scratch Tip, 60° Ø 1.0 mm, steel (HRC 60-66)	10g
130285	Auxiliary Weight Disc, 250g	250g	134985	Steel Wool Holder Kit	23g	132347	Hemisphere Scratch Tip, 60° Ø 1.0 mm, tungsten carbide	10g
134218-1	Auxiliary Weight, 1000g	1000g	133432	ScotchBrite™ Abrasive Pad Kit	58g	135627	Hemisphere Mar Tip, 60° Ø 3.0 mm, tungsten carbide	11g
134218-2	Auxiliary Weight, 2000g	2000g	133450	Brass Brush Holder Attachment Kit	79g	132348	Hemisphere Mar Tip, 75° Ø 7.0 mm, tungsten carbide	12g
132740	Precision Weight Kit, (mounts to spline shaft)	Min. 7g	133423	Test Wedge Kit, includes SiC 320 sandpaper	180g	134672	Hemisphere Mar Tip, 75° Ø 15.0 mm, tungsten carbide	59g
132710	Precision Weight Post, (mounts to weight holder)	Min. 35g	134380	Wire Scrape Attachment, Ø 1mm rod	81g	130575	Scratch Kit, Stainless Steel w/ Conical Diamond Tool	98g
Accessories			134495	Wire Scrape Attachment, Ø 0.025 in. rod	81g	131604	Scratch Kit, Aluminum w/ Conical Diamond Tool	33g
131877	Multi-Head Attachment, with aluminum spline shaft	--	133060 134887	Wire/Cable Scrape Abrasion Kit	63g	132892 132910	Diamond Tool Holder, w/ 90° Conical Diamond Tool	9g
131877-1	Multi-Head Attachment, with steel spline shaft	--	133370 134583	Flexible Material Abrasion Kit	17g	134981	Diamond Tool Holder, w/ 60° Conical Diamond Tool	9g
						133475	Scraper, 5mm	37g
						133476	Scraper, 10mm	46g
						131716	Coin Holder Kit, 45°; 60°; or 75°	40g
						133453	Pencil Hardness Scratch Kit includes weight of pencil	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) 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