



**'A' Shape
Shank
Diameter
6mm**

Suitable for portable die and straight hand grinders. All points are aluminium oxide with 'Rubenite™' as standard for all general-purpose grinding and deburring on steels and most metals. Shank diameters are metric as listed below with inch sizes available on request. Maximum speeds are quoted assuming that collet to back of point does not exceed 12.7mm (1/2") and are for guidance only.

Shape	A1	A2	A3	A4	A5	A6	A8	A11	A12	A13	A14	A15	A21	A22
Grade	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA60	RA60	RA80	RA60	RA60
Diameter	20mm	25mm	25mm	32mm	20mm	19mm	21mm	21mm	18mm	28mm	18mm	6mm	25mm	19mm
Length	63mm	32mm	70mm	32mm	28mm	28mm	45mm	50mm	32mm	28mm	22mm	27mm	25mm	16mm
Max. rpm	20,000	38,000	16,000	30,000	45,000	39,000	20,000	20,000	48,000	34,000	55,000	55,000	34,000	51,000
Weight per 10	420g	380g	630g	440g	240g	240g	370g	470g	210g	390g	190g	100g	380g	200g
	KEN-250-0010K	KEN-250-0020K	KEN-250-0030K	KEN-250-0040K	KEN-250-0050K	KEN-250-0060K	KEN-250-0080K	KEN-250-0110K	KEN-250-0120K	KEN-250-0130K	KEN-250-0140K	KEN-250-0150K	KEN-250-0210K	KEN-250-0220K
Price/1 TB	85.00	49.00	132.00	50.00	41.00	47.00	64.00	85.00	63.00	77.00	47.00	42.00	55.00	56.00

Shape	A23	A24	A25	A26	A31	A32	A33	A34	A35	A36	A37	A38	A39
Grade	RA60	RA80	RA60	RA60	RA46	RA46	RA46	RA46	RA46	RA80	RA80	RA60	RA60
Diameter	19mm	6mm	25mm	16mm	35mm	25mm	25mm	38mm	25mm	40mm	32mm	25mm	19mm
Length	25mm	20mm	25mm	16mm	25mm	16mm	13mm	9mm	10mm	10mm	6mm	25mm	19mm
Max. rpm	39,000	70,000	35,000	60,000	25,000	38,000	38,000	25,000	38,000	23,000	30,000	35,000	47,000
Weight per 10	220g	100g	310g	150g	340g	230g	200g	280g	180g	230g	160g	370g	200g
	KEN-250-0230K	KEN-250-0240K	KEN-250-0250K	KEN-250-0260K	KEN-250-0310K	KEN-250-0320K	KEN-250-0330K	KEN-250-0340K	KEN-250-0350K	KEN-250-0360K	KEN-250-0370K	KEN-250-0380K	KEN-250-0390K
Price/1 TB	47.00	38.00	77.00	48.00	73.00	46.00	56.00	52.00	50.00	63.00	62.00	63.00	42.00

**'B' Shape
Shank
Diameter
3mm**

Shape	B41	B42	B43	B44	B45	B46	B47	B51	B52	B53	B54	B55	B61	B62	B63	B64
Grade	RA80	RA80	RA100	RA100	RA100	RA120	RA120	RA80	RA80	RA100	RA100	RA100	RA80	RA80	RA100	RA120
Diameter	16mm	13mm	6mm	6mm	5mm	3mm	3mm	12mm	10mm	8mm	6mm	3mm	19mm	13mm	6mm	6mm
Length	16mm	19mm	8mm	10mm	8mm	8mm	4mm	19mm	20mm	16mm	13mm	6mm	8mm	10mm	5mm	2mm
Max. rpm	34,000	33,000	80,000	68,000	100,000	100,000	100,000	45,000	45,000	60,000	60,000	100,000	38,000	41,000	92,000	100,000
Weight per 10	220g	100g	310g	150g	20g	20g	20g	50g	40g	30g	30g	20g	70g	40g	20g	20g
	KEN-250-0410K	KEN-250-0420K	KEN-250-0430K	KEN-250-0440K	KEN-250-0450K	KEN-250-0460K	KEN-250-0470K	KEN-250-0510K	KEN-250-0520K	KEN-250-0530K	KEN-250-0540K	KEN-250-0550K	KEN-250-0610K	KEN-250-0620K	KEN-250-0630K	KEN-250-0640K
Price/1 TB	42.00	44.00	33.00	42.00	44.00	33.00	36.00	36.00	47.00	42.00	33.00	34.00	40.00	39.00	34.00	29.00

Shape	B65	B70	B71	B73	B81	B82	B83	B84	B91	B92	B93	B95	B96	B97	B101
Grade	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA120	RA100	RA100	RA100
Diameter	3mm	19mm	16mm	13mm	19mm	13mm	10mm	8mm	13mm	6mm	5mm	3mm	3mm	10mm	16mm
Length	3mm	3mm	2.4mm	3mm	5mm	6mm	5mm	5mm	16mm	6mm	5mm	5mm	6mm	10mm	18mm
Max. rpm	100,000	50,000	60,000	73,000	50,000	76,000	87,000	100,000	34,000	81,000	100,000	100,000	100,000	100,000	33,000
Weight per 10	20g	40g	40g	25g	40g	30g	30g	20g	50g	50g	20g	20g	20g	20g	70g
	KEN-250-0650K	KEN-250-0700K	KEN-250-0710K	KEN-250-0730K	KEN-250-0810K	KEN-250-0820K	KEN-250-0830K	KEN-250-0840K	KEN-250-0910K	KEN-250-0920K	KEN-250-0930K	KEN-250-0950K	KEN-250-0960K	KEN-250-0970K	KEN-250-1010K
Price/1 TB	33.00	42.00	37.00	47.00	34.00	32.00	36.00	36.00	33.00	36.00	36.00	36.00	42.00	49.00	49.00

Shape	B102	B103	B104	B105	B106	B111	B112	B113	B114	B115	B121	B122	B123	B124	B131	B132	B135
Grade	RA180	RA80	RA100	RA120	RA100	RA100	RA120	RA80	RA80	RA100	RA120	RA120	RA80	RA120	RA80	RA80	RA120
Diameter	16mm	16mm	8mm	6mm	3mm	12mm	10mm	6mm	6mm	2.5mm	13mm	10mm	5mm	3mm	13mm	10mm	6mm
Length	13mm	5mm	10mm	6mm	3mm	18mm	13mm	6mm	6mm	3mm	13mm	10mm	5mm	3mm	13mm	13mm	13mm
Max. rpm	44,000	61,000	68,000	100,000	100,000	33,000	45,000	70,000	68,000	100,000	45,000	61,000	100,000	100,000	34,000	45,000	60,000
Weight per 10	60g	40g	20g	20g	20g	50g	40g	30g	20g	20g	50g	40g	20g	20g	50g	50g	30g
	KEN-250-1020K	KEN-250-1030K	KEN-250-1040K	KEN-250-1050K	KEN-250-1060K	KEN-250-1110K	KEN-250-1120K	KEN-250-1130K	KEN-250-1140K	KEN-250-1150K	KEN-250-1210K	KEN-250-1220K	KEN-250-1230K	KEN-250-1240K	KEN-250-1310K	KEN-250-1320K	KEN-250-1350K
Price/1 TB	41.00	33.00	34.00	34.00	34.00	37.00	48.00	41.00	44.00	42.00	37.00	47.00	36.00	34.00	37.00	47.00	36.00



'W' Shape
Shank Dia.
3mm

Shape	W142	W143	W144	W145	W146	W147	W149	W151	W152	W153	W154	W158	W159	W160	W162	W163
Grade	RA120	RA120	RA100	RA80	RA80	RA120	RA120	RA120	RA100	A120	RA80	RA120	RA100	RA80	RA80	RA80
Diameter	2.5mm	3mm	3mm	3mm	3mm	4mm	4mm	5mm	5mm	5mm	5mm	6mm	6mm	6mm	6mm	6mm
Length	6mm	3mm	6mm	10mm	13mm	0.8mm	6mm	3mm	6mm	10mm	13mm	3mm	5mm	6mm	10mm	13mm
Max. rpm	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	80,000	70,000	90,000	92,000	81,000	68,000	60,000
Weight per 10	20g	20g	20g	20g	20g	20g	20g	20g	20g	20g	30g	20g	20g	30g	30g	30g
	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250
Price/1 TB	-1420K	-1430K	-1440K	-1450K	-1460K	-1470K	-1490K	-1510K	-1520K	-1530K	-1540K	-1580K	-1590K	-1600K	-1620K	-1630K
	42.00	33.00	34.00	42.00	42.00	32.00	32.00	29.00	32.00	34.00	34.00	33.00	34.00	33.00	34.00	32.00

'W' Shape
Shank Dia.
3mm
except
* = 6mm

Shape	W164	W167	W170	W171*	W173	W174	W175	W176	W177*	W178*	W179*	W182	W183	W184	W185	W186*
Grade	RA80	RA60	RA60	RA60	RA80	RA60	RA60	RA60	RA60	RA60	RA60	RA60	RA80	RA80	RA60	RA60
Diameter	6mm	8mm	8mm	8mm	10mm	10mm	10mm	10mm	10mm	10mm	10mm	13mm	13mm	13mm	13mm	13mm
Length	13mm	6mm	13mm	19mm	3mm	6mm	10mm	13mm	20mm	25mm	32mm	3mm	6mm	10mm	13mm	20mm
Max. rpm	55,000	60,000	40,000	36,000	70,000	60,000	50,000	45,000	33,000	26,000	25,000	70,000	70,000	70,000	34,500	51,000
Weight per 10	40g	30g	40g	100g	30g	30g	40g	50g	120g	120g	140g	40g	40g	50g	60g	140g
	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250
Price/1 TB	-1640K	-1670K	-1700K	-1710K	-1730K	-1740K	-1750K	-1760K	-1770K	-1780K	-1790K	-1820K	-1830K	-1840K	-1850K	-1860K
	37.00	37.00	47.00	40.00	37.00	37.00	40.00	48.00	49.00	38.00	42.00	40.00	40.00	48.00	34.00	41.00

'W' Shape
Shank
Diameter
6mm

Shape	W187	W188	W192	W193	W194	W195	W196	W197	W200	W201	W202	W203	W204	W205	W208
Grade	RA60	RA60	RA80	RA60	RA60	RA60	RA60	RA60	RA80	RA60	RA60	RA60	RA60	RA36	RA46
Diameter	13mm	13mm	16mm	16mm	16mm	16mm	16mm	16mm	20mm	20mm	20mm	20mm	19mm	20mm	20mm
Length	25mm	38mm	6mm	10mm	13mm	19mm	25mm	50mm	3mm	6mm	10mm	13mm	19mm	25mm	50mm
Max. rpm	40,500	30,370	61,000	61,000	56,000	46,000	32,000	21,000	50,000	40,000	30,000	25,000	42,000	34,000	18,000
Weight per 10	170g	220g	140g	140g	150g	190g	220g	350g	400g	140g	160g	180g	230g	280g	500g
	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250
Price/1 TB	-1870K	-1880K	-1920K	-1930K	-1940K	-1950K	-1960K	-1970K	-2000K	-2010K	-2020K	-2030K	-2040K	-2050K	-2080K
	57.00	45.00	37.00	41.00	56.00	42.00	48.00	69.00	37.00	42.00	44.00	44.00	57.00	63.00	63.00

'W' Shape
Shank Diameter
6mm
except
W244
= 10mm
& W211
= 3mm

Shape	W211*	W212	W215	W216	W217	W218	W219	W220	W222	W225	W226	W227	W230	W236	W238	W242	W244*
Grade	RA80	RA60	RA80	RA46	RA46	RA80	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46	RA46
Diameter	22mm	22mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	32mm	32mm	32mm	32mm	38mm	38mm	50mm	50mm
Length	3mm	6mm	3mm	6mm	10mm	13mm	19mm	25mm	50mm	6mm	9.5mm	13mm	32mm	13mm	38mm	25mm	50mm
Max. rpm	43,000	33,000	38,000	38,000	38,000	38,000	35,000	25,000	15,900	30,000	30,000	30,000	20,000	25,000	15,000	11,000	11,000
Weight per 10	60g	150g	30g	30g	40g	30g	40g	100g	730g	210g	270g	230g	700g	430g	1100g	1380g	2670g
	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250	KEN-250
Price/1 TB	-2110K	-2120K	-2150K	-2160K	-2170K	-2180K	-2190K	-2200K	-2220K	-2250K	-2260K	-2270K	-2300K	-2360K	-2380K	-2420K	-2440K
	50.00	56.00	44.00	47.00	62.00	42.00	63.00	65.00	62.00	42.00	48.00	49.00	77.00	60.00	84.00	132.00	112.00

Assorted Mounted Point Sets

Selected shapes suitable for a vast range of internal grinding operations.
For use with air and electric die grinders, drills etc. 3mm and 6mm shank sizes.
'Rubenite' aluminium oxide grade for general use on metals.

Contents:

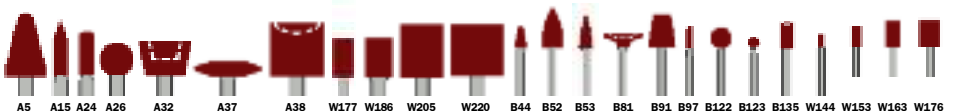
5 Piece: A5, A24, A26, W217 and W205. Supplied in clear bag with header.

8 Piece: A5, A24, A25, A26, A39, W177, W186 and W205.
Supplied in clear bag with header.

24 Piece: A5, A15, A24, A26, A32, A37, A38, B44, B52, B53, B81, B91, B97, B122, B123, B135, W144, W153, W163, W176, W177, W186, W205 and W220.
Supplied in fitted wooden bench case.



Number of Pieces	Contents	Weight each	Order Code	Price/1 TB
5	As	0.10kg	-2950K	177.00
8	Above	0.17kg	-2980K	324.00
24		1.20kg	-3240K	1173.00



PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR