

CARBIDE TIPPED BRAZED TOOLS

METRIC TOOLS IN FOUR CARBIDE GRADES

- Grade P20** Light to rough machining of steel and steel castings at moderate speeds and feeds
- Grade P30** Suitable for rough machining of steel and steel castings in low to moderate cutting speeds and increased feeds

- Grade K10** For finish and rough machining of cast irons, alloy steels, aluminium and non-ferrous metals
- Grade K20** For machining cast iron, non-ferrous metals, light alloy and short chip materials using moderate feed and speed.

BAR TURNING TOOLS

- ISO 1
- DIN 4971
- SIMILAR TO BHMA 130-147

TOOL SIZE	TOTAL LENGTH	GRADE	RIGHT HAND		LEFT HAND		PRICE £ EACH
			SIMILAR BHMA	CODE NO.	SIMILAR BHMA	CODE NO.	
10 x 10	90	P20	M130	6-450-101	-	-	2.99
		P30		6-450-102	-	-	2.99
12 x 12	100	P20	M132	6-450-121	M133	6-451-122	3.30
		P30		6-450-122			3.30
		K20		6-450-127			3.30
16 x 16	110	P20	M136	6-450-161	M137	6-451-162	4.27
		P30		6-450-162			4.27
20 x 20	125	P20	M140	6-450-201	M141	6-451-202	4.64
		P30		6-450-202			4.64
		K10		6-450-206			4.64
25 x 25	140	P20	M146	6-450-251	M147	6-451-252	7.26
		P30		6-450-252			7.26
		K20		6-450-257			7.26

CRANKED TURNING AND FACING TOOLS

- ISO 2
- DIN 4972
- SIMILAR TO BHMA 190-207

TOOL SIZE	TOTAL LENGTH	GRADE	RIGHT HAND		LEFT HAND		PRICE £ EACH
			SIMILAR BHMA	CODE NO.	SIMILAR BHMA	CODE NO.	
10 x 10	90	P20	M190	6-452-101	M191	6-453-101	2.99
		P30		6-452-102		6-453-102	2.99
		K20		6-452-107		6-453-107	2.99
12 x 12	100	P20	M192	6-452-121	M193	6-453-121	3.45
		P30		6-452-122		6-453-122	3.45
		K20		6-452-127		6-453-127	3.45
16 x 16	110	P20	M196	6-452-161	M197	6-453-161	4.38
		P30		6-452-162		6-453-162	4.38
		K20		6-452-167		6-453-167	4.38
20 x 20	125	P20	M200	6-452-201	M201	6-453-201	4.94
		P30		6-452-202		6-453-202	4.94
		K20		6-452-207		6-453-207	4.94
25 x 25	140	P20	M206	6-452-251	M207	6-453-251	7.24
		P30		6-452-252		6-453-252	7.24
		K20		6-452-257		-	7.24
32 x 32	170	P30	M212	6-452-322	M213	-	11.38

CRANKED KNIFE TOOLS

- ISO 3
- DIN 4978
- SIMILAR TO BHMA 162-177

TOOL SIZE	TOTAL LENGTH	GRADE	RIGHT HAND		LEFT HAND		PRICE £ EACH
			SIMILAR BHMA	CODE NO.	SIMILAR BHMA	CODE NO.	
12 x 12	100	P20	M162	6-454-121	M163	-	3.45
		P30		6-454-122		6-455-122	3.45
		K20		6-454-127		6-455-127	3.45
16 x 10	110	P20	M164	6-454-161	M165	-	3.50
		P30		6-454-162		-	3.50
16 x 16	110	P20	M166	6-454-171	M167	-	4.27
		P30		6-454-172		6-455-172	4.27
		K20		6-454-177		6-455-177	4.27
20 x 12	125	P20	M168	6-454-201	M169	-	4.22
		P30		6-454-202		6-455-202	4.22
		K20		6-454-207		6-455-207	4.22
20 x 20	125	P30	M170	6-454-212	M171	6-455-212	4.79
		K20		6-454-217		6-455-217	4.79
25 x 16	140	P30	M172	6-454-252	M173	6-455-252	5.82
		K20		6-454-262		6-455-262	7.36
25 x 25	140	P30	M176	6-454-267	M177	-	7.36

RECESSING TOOLS

- ISO 4
- DIN 4976
- SIMILAR TO BHMA 230-246

TOOL SIZE	TOTAL LENGTH	INSERT WIDTH	GRADE	SIMILAR BHMA	CODE NO.	PRICE £ EACH
10 x 10	90	10	P30	M230	6-456-102	3.19
			K20		6-456-107	3.19
12 x 12	100	12	P20	M232	6-456-121	3.76
			P30		6-456-122	3.76
			K20		6-456-127	3.76
16 x 10	110	10	P30	M234	6-457-162	3.30
16 x 16	110	16	P20	M236	6-456-161	4.74
			P30		6-456-162	4.74
			K20		6-456-167	4.74
20 x 12	125	12	P30	M238	6-457-202	4.17
20 x 20	125	20	P20	M240	6-456-201	5.61
			P30		6-456-202	5.61
			K20		6-456-207	5.61
25 x 16	140	16	P30	M242	6-457-252	5.15
25 x 25	140	25	P20	M246	6-456-251	8.50
			P30		6-456-252	8.50
			K20		6-456-257	8.50
32 x 32	170	32	P30	M248	6-456-322	14.50

CRANKED FACING TOOLS

- ISO 5
- DIN 4977

TOOL SIZE	TOTAL LENGTH	GRADE	RIGHT HAND		PRICE £ EACH
			CODE NO.	CODE NO.	
16 x 16	110	P20	6-458-161	6-459-162	3.97
		P30	6-458-162		3.97
		K20	6-458-167		3.97
20 x 20	125	P30	6-458-202	6-459-202	5.25
		K20	6-458-207		5.25
25 x 25	140	P30	6-458-252	6-459-252	8.19
		K20	6-458-257		8.19

CRANKED KNIFE TOOLS

- ISO 6
- DIN 4980
- SIMILAR TO BHMA 2130-2147

TOOL SIZE	TOTAL LENGTH	GRADE	RIGHT HAND		LEFT HAND		PRICE £ EACH
			SIMILAR BHMA	CODE NO.	SIMILAR BHMA	CODE NO.	
10 x 10	90	P20	M2130	6-460-101	M2131	6-461-101	3.30
		P30		6-460-102		6-461-102	3.30
		K10		6-460-106		-	3.30
		K20		6-460-107		6-461-107	3.30
12 x 12	100	P20	M2132	6-460-121	M2133	6-461-121	3.50
		P30		6-460-122		6-461-122	3.50
		K10		6-460-126		-	3.50
		K20		6-460-127		6-461-127	3.50
16 x 16	110	P20	M2136	6-460-161	M2137	6-461-161	4.33
		P30		6-460-162		6-461-162	4.33
		K10		6-460-166		-	4.33
		K20		6-460-167		6-461-167	4.33
20 x 20	125	P20	M2140	6-460-201	M2141	6-461-201	5.15
		P30		6-460-202		6-461-202	5.15
		K10		6-460-206		-	5.15
		K20		6-460-207		6-461-207	5.15
25 x 25	140	P20	M2146	6-460-251	M2147	6-461-251	7.73
		P30		6-460-252		6-461-252	7.73
		K10		6-460-256		-	7.73
		K20		6-460-257		6-461-257	7.73
32 x 32	170	P30	-	6-460-322	-	6-461-322	10.37