

## Bar Turning Carbide Tipped Braze Tooling ISO 1



RIGHT HAND SHOWN

### TECHNICAL:

- Carbide Tipped Braze Bar Turning Tools
- ISO 1
- DIN 4971
- Similar to BHMA 130-147
- Grade P30, suitable for machining steel in low to moderate cutting speeds

ISO 1									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-842-100	10 x 10 x 90	R/H	P30	85	29	21	108	£5.20	P
29-842-101	12 x 12 x 100	R/H	P30	127	30	21	120	£6.80	P
29-842-103	16 x 16 x 110	R/H	P30	229	33	24	129	£9.10	P
29-842-105	20 x 20 x 125	R/H	P30	358	34	24	149	£11.70	P



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## Cranked Turning & Facing Carbide Tipped Braze Tooling ISO 2



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### TECHNICAL:

- Carbide Tipped Braze Cranked Turning & Facing Tools
- ISO 2
- DIN 4972
- Similar to BHMA 190-207
- Grade P30, suitable for machining steel in low to moderate cutting speeds
- Grade K20, suitable for machining cast iron and short chip materials under moderate speeds

ISO 2									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-843-200	10 x 10 x 90	R/H	P30	84	35	22	150	£5.60	P
29-843-202	12 x 12 x 100	R/H	P30	126	35	22	150	£8.50	P
29-843-203	12 x 12 x 100	L/H	P30	135	35	22	150	£8.50	P
29-843-205	16 x 16 x 110	R/H	P30	221	35	22	150	£10.20	P
29-843-210	20 x 20 x 125	R/H	P30	392	35	25	134	£16.00	P
29-843-221	20 x 20 x 125	L/H	P30	412	35	25	142	£16.00	P
29-843-211	20 x 20 x 125	R/H	K20	395	35	25	150	£16.00	P
29-843-225	25 x 25 x 140	R/H	P30	670	45	30	158	£24.60	P
29-843-226	25 x 25 x 140	L/H	P30	697	45	30	154	£24.60	P



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## Cranked Knife Carbide Tipped Braze Tooling ISO 3



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### TECHNICAL:

- Carbide Tipped Braze Cranked Knife Tools
- ISO 3
- DIN 4978
- Similar to BHMA 162-177
- Grade P30, suitable for machining steel in low to moderate cutting speeds
- Grade K20, suitable for machining cast iron and short chip materials under moderate speeds and feeds

ISO 3									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-846-571	12 x 12 x 100	R/H	P30	126	35	22	150	£9.00	P
29-846-570	12 x 12 x 100	L/H	P30	126	35	22	150	£9.00	P
29-846-572	12 x 12 x 100	R/H	K20	135	35	22	150	£9.00	P
29-846-573	16 x 10 x 110	R/H	P30	221	35	22	150	£9.00	P
29-846-575	20 x 20 x 140	R/H	P30	392	35	25	134	£13.40	P
29-846-576	20 x 20 x 125	R/H	K20	412	35	25	142	£13.40	P
29-846-577	20 x 20 x 140	L/H	P30	395	35	25	150	£13.40	P



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1162

## Recessing Carbide Tipped Braze Tooling ISO 4



### TECHNICAL:

- Carbide Tipped Braze Recessing Tools
- ISO 4
- DIN 4976
- Grade P30, suitable for machining steel in low to moderate cutting speeds

ISO 4									
Order Code	Size (mm) H x W x L	Grade	Wg g	W mm	H mm	L mm	Price EACH		
29-850-934	10 x 10 x 90	P30	84	35	22	150	£6.80	P	
29-850-936	12 x 12 x 100	P30	126	35	22	150	£7.90	P	
29-850-940	16 x 16 x 110	P30	221	35	22	150	£12.40	P	
29-850-942	20 x 20 x 125	P30	392	35	25	134	£18.90	P	
29-850-944	25 x 25 x 140	P30	670	45	30	158	£31.20	P	



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1163

Please note: Listed weights and dimensions relate to the packaged product/tool. Weight is figured in grams. Width, Height & Length are figured in Millimeters.

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## Cranked Facing Carbide Tipped Brazed Tooling ISO 5



**TECHNICAL:**

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- Carbide Tipped Brazed Cranked Facing Tools
- ISO 5
- DIN 4977
- Grade P30, suitable for machining steel in low to moderate cutting speeds



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## Cranked Knife Carbide Tipped Brazed Tooling ISO 6



**TECHNICAL:**

RIGHT HAND SHOWN

- Carbide Tipped Brazed Cranked Knife Tools
- ISO 6
- DIN 4960
- Similar to BHMA 2130-2147
- Grade P30, suitable for machining steel in low to moderate cutting speeds
- Grade K20, suitable for machining cast iron and short chip materials under moderate speeds and feeds



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1165

ISO 5									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-841-002	16 x 16 x 110	R/H	P30	221	35	22	150	£11.20	P
29-841-003	16 x 16 x 110	L/H	P30	221	35	22	150	£11.20	P
29-841-004	20 x 20 x 125	R/H	P30	392	35	25	134	£16.40	P
29-841-006	20 x 20 x 125	L/H	P30	412	35	25	142	£16.40	P
29-841-010	25 x 25 x 140	R/H	P30	670	45	30	158	£27.80	P

ISO 6									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-848-765	10 x 10 x 90	R/H	P30	84	35	22	150	£6.80	P
29-848-767	10 x 10 x 90	L/H	P30	84	35	22	150	£6.80	P
29-848-769	10 x 10 x 90	R/H	K20	84	35	22	150	£6.80	P
29-848-771	12 x 12 x 100	R/H	P30	126	35	22	150	£8.10	P
29-848-782	12 x 12 x 100	L/H	P30	126	35	22	150	£8.10	P
29-848-772	12 x 12 x 100	R/H	K20	126	35	22	150	£8.10	P
29-848-775	16 x 16 x 110	R/H	P30	221	35	22	150	£9.50	P
29-848-784	16 x 16 x 110	L/H	P30	221	35	22	150	£9.40	P
29-848-774	16 x 16 x 110	R/H	K20	221	35	22	150	£9.50	P
29-848-779	20 x 20 x 125	R/H	P30	392	35	25	134	£14.80	P
29-848-786	20 x 20 x 125	L/H	P30	392	35	25	134	£14.80	P
29-848-776	20 x 20 x 125	R/H	K20	392	35	25	134	£14.80	P
29-848-777	25 x 25 x 140	R/H	P30	670	45	30	158	£25.80	P
29-848-778	25 x 25 x 140	L/H	P30	670	45	30	158	£25.80	P

## Parting Off Carbide Tipped Brazed Tooling ISO 7



**TECHNICAL:**

RIGHT HAND SHOWN

- Carbide Tipped Brazed Parting Off Tools
- ISO 7
- DIN 4981
- Similar to BHMA 260-274
- Grade P30, suitable for machining steel in low to moderate cutting speeds
- Grade K20, suitable for machining cast iron and short chip materials under moderate speeds and feeds



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## Rough Boring Carbide Tipped Brazed Tooling ISO 8



**TECHNICAL:**

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- Carbide Tipped Brazed Rough Boring Tools
- ISO 8
- DIN 4973
- Grade P30, suitable for machining steel in low to moderate cutting speeds
- Grade K20, suitable for machining cast iron and short chip materials under moderate speeds and feeds



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ISO 7									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-844-325	12 x 8 x 100	R/H	P30	79	30	21	112	£8.50	P
29-844-326	12 x 8 x 100	L/H	P30	78	30	21	130	£8.50	P
29-844-327	12 x 8 x 100	R/H	K20	86	30	21	130	£8.50	P
29-844-331	16 x 10 x 110	R/H	P30	135	30	21	135	£9.70	P
29-844-330	16 x 10 x 110	L/H	P30	135	30	21	135	£9.70	P
29-844-332	16 x 10 x 110	R/H	K20	135	30	21	135	£9.70	P
29-844-333	20 x 12 x 125	R/H	P30	225	33	21	135	£12.40	P
29-845-461	20 x 12 x 125	L/H	P30	242	33	21	135	£12.40	P
29-844-334	20 x 12 x 125	R/H	K20	249	33	21	135	£12.40	P
29-845-462	20 x 12 x 125	L/H	K20	251	33	21	135	£12.40	P
29-844-335	25 x 16 x 140	R/H	P30	403	38	28	145	£18.40	P
29-845-463	25 x 16 x 140	L/H	P30	403	38	28	145	£18.40	P
29-844-336	25 x 16 x 140	R/H	K20	403	38	28	145	£18.40	P

ISO 8									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-863-682	8 x 8 x 125	R/H	P30	76	28	20	143	£9.50	P
29-863-684	10 x 10 x 150	R/H	P30	110	40	16	158	£10.50	P
29-863-712	16 x 16 x 210	R/H	P30	402	36	23	231	£11.60	P
29-863-713	16 x 16 x 210	R/H	K20	374	34	22	213	£11.60	P
29-863-714	20 x 20 x 250	R/H	P30	690	34	22	259	£18.90	P

## Inside Corner Carbide Tipped Brazed Tooling ISO 9



### TECHNICAL:

- Carbide Tipped Inside Corner Tools
- ISO 9
- DIN 4974
- Grade P30, suitable for machining steel in low to moderate cutting speeds



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## Internal Undercutting Carbide Tipped Brazed Tooling ISO 11



### TECHNICAL:

- Carbide Tipped Brazed Internal Undercutting Tools
- ISO 11
- DIN 263
- Grade P30, suitable for machining steel in low to moderate cutting speeds
- Grade K20, suitable for machining cast iron and short chip materials under moderate speeds and feeds



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ISO 9									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-863-715	8 x 8 x 125	R/H	P30	76	28	20	143	£9.60	P
29-863-716	10 x 10 x 150	R/H	P30	110	28	16	158	£10.40	P
29-863-717	12 x 12 x 180	R/H	P30	150	28	16	158	£11.20	P
29-863-718	16 x 16 x 210	R/H	P30	374	34	22	213	£11.60	P
29-863-719	20 x 20 x 250	R/H	P30	690	34	22	259	£18.70	P

ISO 11									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-875-360	10 x 10 x 150	R/H	P30	110	28	16	158	£9.60	P
29-875-362	10 x 10 x 150	R/H	K20	110	28	16	158	£9.60	P
29-875-366	12 x 12 x 180	R/H	P30	150	28	16	158	£13.90	P
29-875-370	16 x 16 x 210	R/H	P30	374	34	22	213	£18.90	P
29-875-372	16 x 16 x 210	R/H	K20	374	34	22	213	£18.90	P
29-875-376	20 x 20 x 250	R/H	P30	690	34	22	259	£27.20	P
29-875-380	25 x 25 x 300	R/H	P30	690	34	30	320	£37.00	P

## External Threading Carbide Tipped Brazed Tooling ISO 12



### TECHNICAL:

- Carbide Tipped Brazed External Threading Tools
- 60 degrees for metric and unified threads
- ISO 12
- DIN 282
- Grade P30, suitable for machining steel in low to moderate cutting speeds



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## Internal Threading Carbide Tipped Brazed Tooling ISO 13



### TECHNICAL:

- Carbide Tipped Brazed Internal Threading Tools
- 60 degrees for metric and unified threads
- ISO 13
- DIN 283
- Grade P30, suitable for machining steel in low to moderate cutting speeds



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ISO 12									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-877-100	10 x 10 x 90	R/H	P30	84	35	22	150	£8.00	P
29-877-101	12 x 12 x 100	R/H	P30	126	35	22	150	£11.50	P
29-877-102	16 x 16 x 110	R/H	P30	221	35	22	150	£14.10	P
29-877-103	20 x 20 x 125	R/H	P30	392	35	25	134	£20.40	P
29-877-104	25 x 25 x 140	R/H	P30	670	45	30	158	£35.40	P

ISO 13									
Order Code	Size (mm) H x W x L	Cut	Grade	Wg g	W mm	H mm	L mm	Price EACH	
29-878-452	10 x 10 x 150	R/H	P30	110	28	16	158	£9.60	P
29-878-456	12 x 12 x 180	R/H	P30	150	28	16	158	£13.90	P
29-878-460	16 x 16 x 210	R/H	P30	374	34	22	213	£25.40	P
29-878-464	20 x 20 x 250	R/H	P30	690	34	22	259	£26.60	P
29-878-470	25 x 25 x 300	R/H	P30	690	34	30	320	£35.60	P

Please note: Listed weights and dimensions relate to the packaged product/tool. Weight is figured in grams. Width, Height & Length are figured in Millimeters.

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## HSS Square Toolbits M2 ISO 5421



**APPLICATION:**

A non-rotary cutting tool used in metal lathes, shapers, and planers. The cutting edge is ground to suit a particular machining operation and may be resharpened or reshaped as needed. The ground tool bit is held rigidly by a tool holder while it is cutting.

**TECHNICAL:**

Provide a good general purpose ground tool bit that shows exceptional cutting results on mild steel, alloys and tool steels, These tool bits make superior finishing tools.

M2 ISO 5421								
Order Code	Diameter (Inch)	Pack Qty	Wg g	W mm	H mm	L mm	Price EACH	
29-002-660	3/16 x 2	10	132	38	38	110	£4.00	Y
29-002-661	3/16 x 2-1/2	10	170	20	20	67	£5.30	Y
29-002-662	1/4 x 2-1/2	10	227	38	38	110	£8.30	Y
29-002-664	1/4 x 4	10	380	31	31	235	£12.30	Y
29-002-665	5/16 x 2-1/2	10	347	38	38	158	£10.40	Y
29-002-666	5/16 x 3	5	236	38	38	112	£12.80	Y
29-002-667	5/16 x 4	5	291	36	36	134	£16.20	Y
29-002-668	3/8 x 3	5	295	36	36	134	£16.20	Y
29-002-669	3/8 x 4	5	399	36	36	134	£20.60	Y
29-002-670	1/2 x 4	1	140	25	25	122	£29.00	Y
29-002-671	1/2 x 6	1	214	29	29	160	£44.20	Y
29-002-673	5/8 x 6	1	319	22	22	158	£61.40	Y
29-002-674	3/4 x 6	1	455	31	31	160	£85.20	Y
29-002-676	3/8 x 6	1	126	22	22	163	£26.60	Y

## HSS Square Toolbits M42 ISO 5421 with 8% Cobalt Content



**APPLICATION:**

A non-rotary cutting tool used in metal lathes, shapers, and planers. The cutting edge is ground to suit a particular machining operation and may be resharpened or reshaped as needed. The ground tool bit is held rigidly by a tool holder while it is cutting.

**TECHNICAL:**

Provide a good general purpose ground tool bit that shows exceptional cutting results on mild steel, alloys and tool steels, These tool bits make superior finishing tools.

M42 ISO 5421								
Order Code	Diameter (Inch)	Pack Qty	Wg g	W mm	H mm	L mm	Price EACH	
29-042-716	3/16 x 3	10	155	36	36	118	£13.20	Y
29-042-720	3/16 x 2	10	98	24	24	87	£9.20	Y
29-042-721	3/16 x 2-1/2	10	158	36	36	152	£10.60	Y
29-042-722	1/4 x 2-1/2	10	236	36	36	173	£13.80	Y
29-042-723	1/4 x 3	10	288	36	36	196	£16.00	Y
29-042-724	1/4 x 4	10	173	36	36	118	£20.20	Y
29-042-725	5/16 x 2-1/2	10	181	36	36	90	£17.20	Y
29-042-726	5/16 x 3	5	210	36	36	97	£21.20	Y
29-042-727	5/16 x 4	5	287	36	36	118	£28.20	Y
29-042-728	3/8 x 3	5	364	24	24	92	£28.20	Y
29-042-729	3/8 x 4	5	390	38	38	112	£37.00	Y
29-042-730	1/2 x 4	1	139	24	24	127	£61.40	Y
29-042-731	1/2 x 6	1	211	24	24	168	£90.80	Y
29-042-732	5/8 x 4	1	210	25	25	131	£93.20	Y
29-042-733	5/8 x 6	1	316	25	25	158	£135.60	Y
29-042-734	3/4 x 6	1	448	30	30	160	£189.20	Y
29-042-735	3/8 x 6	1	424	22	22	168	£55.60	Y
29-042-738	1/2 x 3	1	211	24	24	168	£46.20	Y

**Please note:** Listed weights and dimensions relate to the packaged product/tool. Weight is figured in grams. Width, Height & Length are figured in Millimeters.

Website [www.lineartools.co.uk](http://www.lineartools.co.uk)

Email [sales@lineartools.co.uk](mailto:sales@lineartools.co.uk)

## HSS Round Toolbits M2 ISO 5421



## HSS Round Toolbits M42 ISO 5421 with 8% Cobalt Content



### APPLICATION:

A non-rotary cutting tool used in metal lathes, shapers, and planers. The cutting edge is ground to suit a particular machining operation and may be resharpened or reshaped as needed. The ground tool bit is held rigidly by a tool holder while it is cutting.

### TECHNICAL:

Provide a good general purpose ground tool bit that shows exceptional cutting results on mild steel, alloys and tool steels, These tool bits make superior finishing tools.

M2 ISO 5421								
Order Code	Diameter (Inch)	Pack Qty	Wg g	W mm	H mm	L mm	Price EACH	
29-003-382	3/16 x 2-1/2	10	137	24	24	93	£5.30	Y
29-003-383	1/4 x 2-1/2	10	189	24	24	93	£6.70	Y
29-003-384	1/4 x 4	10	314	36	36	133	£10.70	Y
29-003-385	5/16 x 4	5	243	36	36	140	£16.20	Y
29-003-386	3/8 x 3	5	260	36	36	130	£13.20	Y
29-003-387	1/2 x 4	1	128	36	36	130	£26.80	Y
29-003-389	3/8 x 4	1	86	36	36	130	£17.60	Y



### APPLICATION:

A non-rotary cutting tool used in metal lathes, shapers, and planers. The cutting edge is ground to suit a particular machining operation and may be resharpened or reshaped as needed. The ground tool bit is held rigidly by a tool holder while it is cutting.

### TECHNICAL:

Provide a good general purpose ground tool bit that shows exceptional cutting results on mild steel, alloys and tool steels, These tool bits make superior finishing tools.

M42 ISO 5421								
Order Code	Diameter (Inch)	Pack Qty	Wg g	W mm	H mm	L mm	Price EACH	
29-042-829	3/16 x 3-1/2	10	104	30	30	117	£16.80	Y
29-042-831	1/8 x 3	10	104	30	30	117	£12.80	Y
29-042-832	3/16 x 3-1/2	10	137	25	25	95	£14.60	Y
29-042-833	1/4 x 2-1/2	10	218	34	34	173	£14.00	Y
29-042-834	1/4 x 4	10	309	34	34	129	£20.80	Y
29-042-835	5/16 x 4	5	40	22	22	97	£33.20	Y
29-042-836	3/8 x 3	5	247	34	34	129	£24.50	Y
29-042-837	1/2 x 4	1	115	24	24	112	£49.80	Y

**Please note:** Listed weights and dimensions relate to the packaged product/tool. Weight is figured in grams. Width, Height & Length are figured in Millimeters.

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