



Tools for a changing world



ROTARY SOLID CARBIDE TOOLS PRICE LIST (SC55)



With Effect From September 1, 2026

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	GP -L/D-3	GP- upto 45HRc for High Feed	
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CENTER DRILL	CENTER DRILL	GP- upto 45HRc	
REAMERS	REAMERS	GP- upto 45HRc	

SOLID CARBIDE STUB DRILL- K946 SERIES UPTO 45HRc

Item code	Drill Dia	Shank Dia	Flute Length	Overall length	List_Price		Item code	Drill Dia	Shank Dia	Flute Length	Overall length	List_Price	
					Uncoated	Coated						Uncoated	Coated
K94600100	1	1	6	26	2041	2288	K94600460	4.6	4.6	24	58	3411	3818
K94600110	1.1	1.1	7	28	2041	2288	K94600470	4.7	4.7	24	58	3411	3818
K94600120	1.2	1.2	8	30	2041	2288	K94600480	4.8	4.8	26	62	3725	4172
K94600130	1.3	1.3	8	30	2041	2288	K94600490	4.9	4.9	26	62	3725	4172
K94600140	1.4	1.4	9	32	2041	2288	K94600500	5	5	26	62	3885	4352
K94600150	1.5	1.5	9	32	2041	2288	K94600510	5.1	5.1	26	62	3915	4382
K94600160	1.6	1.6	10	34	2062	2307	K94600520	5.2	5.2	26	62	4049	4535
K94600170	1.7	1.7	10	34	2062	2307	K94600530	5.3	5.3	26	62	4188	4692
K94600180	1.8	1.8	11	36	2062	2307	K94600540	5.4	5.4	28	66	4332	4852
K94600190	1.9	1.9	11	36	2062	2307	K94600550	5.5	5.5	28	66	4230	4734
K94600200	2	2	12	38	2062	2307	K94600560	5.6	5.6	28	66	4519	5063
K94600210	2.1	2.1	12	38	2362	2645	K94600570	5.7	5.7	28	66	4572	5123
K94600220	2.2	2.2	13	40	2362	2645	K94600580	5.8	5.8	28	66	4632	5190
K94600230	2.3	2.3	13	40	2362	2645	K94600590	5.9	5.9	28	66	4676	5236
K94600240	2.4	2.4	14	43	2362	2645	K94600600	6	6	28	66	4929	5521
K94600250	2.5	2.5	14	43	2362	2645	K94600610	6.1	6.1	31	70	5702	6391
K94600260	2.6	2.6	14	43	2515	2818	K94600620	6.2	6.2	31	70	5702	6391
K94600270	2.7	2.7	16	46	2515	2818	K94600630	6.3	6.3	31	70	5702	6391
K94600280	2.8	2.8	16	46	2515	2818	K94600640	6.4	6.4	31	70	6393	7158
K94600290	2.9	2.9	16	46	2515	2818	K94600650	6.5	6.5	31	70	6074	6806
K94600300	3	3	16	46	2515	2818	K94600660	6.6	6.6	31	70	6999	7844
K94600310	3.1	3.1	18	49	2615	2927	K94600670	6.7	6.7	31	70	7357	8237
K94600320	3.2	3.2	18	49	2615	2927	K94600680	6.8	6.8	34	74	6999	7844
K94600330	3.3	3.3	18	49	2615	2927	K94600690	6.9	6.9	34	74	6999	7844
K94600340	3.4	3.4	20	52	2615	2927	K94600700	7	7	34	74	6650	7452
K94600350	3.5	3.5	20	52	2615	2927	K94600710	7.1	7.1	34	74	7648	8564
K94600360	3.6	3.6	20	52	2703	3033	K94600720	7.2	7.2	34	74	7648	8564
K94600370	3.7	3.7	20	52	2828	3170	K94600730	7.3	7.3	34	74	7648	8564
K94600380	3.8	3.8	22	55	2948	3302	K94600740	7.4	7.4	34	74	8028	8994
K94600390	3.9	3.9	22	55	3068	3436	K94600750	7.5	7.5	34	74	7263	8139
K94600400	4	4	22	55	3193	3575	K94600760	7.6	7.6	37	79	8101	9067
K94600410	4.1	4.1	22	55	3232	3621	K94600770	7.7	7.7	37	79	8101	9067

K94600420	4.2	4.2	22	55	3276	3670		K94600780	7.8	7.8	37	79	8101	9067
K94600430	4.3	4.3	24	58	3306	3695		K94600790	7.9	7.9	37	79	8101	9067
K94600440	4.4	4.4	24	58	3367	3765		K94600800	8	8	37	79	7304	8181
K94600450	4.5	4.5	24	58	3411	3818		K94600810	8.1	8.1	37	79	8971	10045
												2C00	UNCOATED	
												2C01	TIN COATED	
												2C03	TIALN COATED	

SOLID CARBIDE STUB DRILL- K946 SERIES UPTO 45HRc

Item code	Drill Dia	Shank Dia	Flute Length	Overall length	List Price			Item code	Drill Dia	Shank Dia	Flute Length	Overall length	List Price	
					Uncoated	Coated							Uncoated	Coated
K94600820	8.2	8.2	37	79	8971	10045		K94601180	11.8	11.8	47	95	19952	22337
K94600830	8.3	8.3	37	79	8971	10045		K94601190	11.9	11.9	51	102	19952	22337
K94600840	8.4	8.4	37	79	9914	11099		K94601200	12	12	51	102	19952	22337
K94600850	8.5	8.5	37	79	8971	10045		K94601210	12.1	12.1	51	102	20466	22918
K94600860	8.6	8.6	40	84	10709	11999		K94601220	12.2	12.2	51	102	20466	22918
K94600870	8.7	8.7	40	84	10709	11999		K94601230	12.3	12.3	51	102	20466	22918
K94600880	8.8	8.8	40	84	10709	11999		K94601240	12.4	12.4	51	102	20466	22918
K94600890	8.9	8.9	40	84	10709	11999		K94601250	12.5	12.5	51	102	20466	22918
K94600900	9	9	40	84	10292	11526		K94601260	12.6	12.6	51	102	26526	29704
K94600910	9.1	9.1	40	84	12233	13697		K94601270	12.7	12.7	51	102	26526	29704
K94600920	9.2	9.2	40	84	12233	13697		K94601280	12.8	12.8	51	102	26526	29704
K94600930	9.3	9.3	40	84	12233	13697		K94601290	12.9	12.9	51	102	26526	29704
K94600940	9.4	9.4	40	84	12837	14384		K94601300	13	13	51	102	26526	29704
K94600950	9.5	9.5	40	84	10161	11381		K94601310	13.1	13.1	51	102	34645	38794
K94600960	9.6	9.6	43	89	12950	14509		K94601320	13.2	13.2	51	102	34645	38794
K94600970	9.7	9.7	43	89	12950	14509		K94601330	13.3	13.3	54	107	34645	38794
K94600980	9.8	9.8	43	89	12950	14509		K94601340	13.4	13.4	54	107	34645	38794
K94600990	9.9	9.9	43	89	14039	15724		K94601350	13.5	13.5	54	107	34645	38794
K94601000	10	10	43	89	14133	15834		K94601360	13.6	13.6	54	107	34645	38794
K94601010	10.1	10.1	43	89	14966	16760		K94601370	13.7	13.7	54	107	34645	38794
K94601020	10.2	10.2	43	89	14966	16760		K94601380	13.8	13.8	54	107	34645	38794
K94601030	10.3	10.3	43	89	14966	16760		K94601390	13.9	13.9	54	107	34645	38794
K94601040	10.4	10.4	43	89	14966	16760		K94601400	14	14	54	107	34645	38794
K94601050	10.5	10.5	43	89	16068	18000		K94601450	14.5	14.5	56	111	34133	38150
K94601060	10.6	10.6	43	89	16068	18000		K94601500	15	15	56	111	34133	38150
K94601070	10.7	10.7	47	95	16068	18000		K94601550	15.5	15.5	58	115	36509	40526
K94601080	10.8	10.8	47	95	16068	18000		K94601600	16	16	58	115	34447	38472
K94601090	10.9	10.9	47	95	16068	18000		K94601650	16.5	16.5	60	119	54978	61405
K94601100	11	11	47	95	16619	18616		K94601700	17	17	60	119	61942	68366
K94601110	11.1	11.1	47	95	16619	18616		K94601750	17.5	17.5	62	123	64250	70676
K94601120	11.2	11.2	47	95	16619	18616		K94601800	18	18	62	123	65462	71891
K94601130	11.3	11.3	47	95	16619	18616		K94601850	18.5	18.5	64	127	71959	78385

K94601140	11.4	11.4	47	95	16619	18616		K94601900	19	19	64	127	75945	82371
K94601150	11.5	11.5	47	95	17743	20175		K94601950	19.5	19.5	66	131	77312	90162
K94601160	11.6	11.6	47	95	19952	22337		K94602000	20	20	66	131	79400	92250
K94601170	11.7	11.7	47	95	19952	22337								
												2C00	UNCOATED	
												2C01	TIN COATED	
												2C03	TIALN COATED	

SOLID CARBIDE JOBBER DRILL- K816 SERIES UPTO 45HRC

Item code	Drill Dia	Shank Dia	Flute Lengt	Overall length	List_Price			Itemcode	Drill Dia	Shank Dia	Flute Length	Overall length	List_Price	
					Uncoated	Coated							Uncoated	Coated
K81600100	1	1	12	34	2353	2638		K81600460	4.6	4.6	47	80	3931	4394
K81600110	1.1	1.1	14	36	2353	2638		K81600470	4.7	4.7	47	80	3931	4394
K81600120	1.2	1.2	16	38	2353	2638		K81600480	4.8	4.8	52	86	4292	4804
K81600130	1.3	1.3	16	38	2353	2638		K81600490	4.9	4.9	52	86	4292	4804
K81600140	1.4	1.4	18	40	2353	2638		K81600500	5.0	5.0	52	86	4480	5014
K81600150	1.5	1.5	18	40	2353	2638		K81600510	5.1	5.1	52	86	4505	5049
K81600160	1.6	1.6	20	43	2374	2661		K81600520	5.2	5.2	52	86	4674	5232
K81600170	1.7	1.7	20	43	2374	2661		K81600530	5.3	5.3	52	86	4831	5407
K81600180	1.8	1.8	22	46	2374	2661		K81600540	5.4	5.4	57	93	4993	5583
K81600190	1.9	1.9	22	46	2374	2661		K81600550	5.5	5.5	57	93	4873	5456
K81600200	2	2	24	49	2374	2661		K81600560	5.6	5.6	57	93	5208	5836
K81600210	2.1	2.1	24	49	2723	3047		K81600570	5.7	5.7	57	93	5271	5900
K81600220	2.2	2.2	27	53	2723	3047		K81600580	5.8	5.8	57	93	5347	5981
K81600230	2.3	2.3	27	53	2723	3047		K81600590	5.9	5.9	57	93	5387	6032
K81600240	2.4	2.4	30	57	2723	3047		K81600600	6.0	6.0	57	93	5687	6363
K81600250	2.5	2.5	30	57	2723	3047		K81600610	6.1	6.1	63	101	6577	7362
K81600260	2.6	2.6	30	57	2899	3244		K81600620	6.2	6.2	63	101	6577	7362
K81600270	2.7	2.7	33	61	2899	3244		K81600630	6.3	6.3	63	101	6577	7362
K81600280	2.8	2.8	33	61	2899	3244		K81600640	6.4	6.4	63	101	7369	8249
K81600290	2.9	2.9	33	61	2899	3244		K81600650	6.5	6.5	63	101	6999	7844
K81600300	3	3	33	61	2899	3244		K81600660	6.6	6.6	63	101	8076	9037
K81600310	3.1	3.1	36	65	3015	3376		K81600670	6.7	6.7	63	101	8478	9507
K81600320	3.2	3.2	36	65	3015	3376		K81600680	6.8	6.8	69	109	8076	9037
K81600330	3.3	3.3	36	65	3015	3376		K81600690	6.9	6.9	69	109	8076	9037
K81600340	3.4	3.4	39	70	3015	3376		K81600700	7.0	7.0	69	109	7671	8589
K81600350	3.5	3.5	39	70	3015	3376		K81600710	7.1	7.1	69	109	8815	9867
K81600360	3.6	3.6	39	70	3121	3492		K81600720	7.2	7.2	69	109	8815	9867
K81600370	3.7	3.7	39	70	3258	3649		K81600730	7.3	7.3	69	109	8815	9867
K81600380	3.8	3.8	43	75	3399	3802		K81600740	7.4	7.4	69	109	9258	10362
K81600390	3.9	3.9	43	75	3538	3964		K81600750	7.5	7.5	69	109	8373	9381
K81600400	4	4	43	75	3681	4114		K81600760	7.6	7.6	75	117	9338	10463
K81600410	4.1	4.1	43	75	3725	4174		K81600770	7.7	7.7	75	117	9338	10463

K81600420	4.2	4.2	43	75	3779	4227		K81600780	7.8	7.8	75	117	9338	10463
K81600430	4.3	4.3	47	80	3806	4267		K81600790	7.9	7.9	75	117	9338	10463
K81600440	4.4	4.4	47	80	3878	4341		K81600800	8.0	8.0	75	117	8425	9426
K81600450	4.5	4.5	47	80	3931	4394		K81600810	8.1	8.1	75	117	10342	11582
												2C00	UNCOATED	
												2C01	TIN COATED	
												2C03	TIALN COATED	

SOLID CARBIDE JOBBER DRILL- K816 SERIES UPTO 45HRC

Item code	Drill Dia	Shank Dia	Flute Lengt	Overall length	List_Price		Itemcode	Drill Dia	Shank Dia	Flute Length	Overall length	List_Price	
					Uncoated	Coated						Uncoated	Coated
K81600820	8.2	8.2	75	117.0	10342	11582	K81601180	11.8	11.8	94	142.0	23000	25755
K81600830	8.3	8.3	75	117.0	10342	11582	K81601190	11.9	11.9	101	151.0	23000	25755
K81600840	8.4	8.4	75	117.0	11431	12799	K81601200	12.0	12.0	101	151.0	23000	25755
K81600850	8.5	8.5	75	117.0	10342	11582	K81601210	12.1	12.1	101	151.0	33167	41173
K81600860	8.6	8.6	81	125.0	12346	13833	K81601220	12.2	12.2	101	151.0	35362	43371
K81600870	8.7	8.7	81	125.0	12346	13833	K81601230	12.3	12.3	101	151.0	35362	43371
K81600880	8.8	8.8	81	125.0	12346	13833	K81601240	12.4	12.4	101	151.0	35362	43371
K81600890	8.9	8.9	81	125.0	12346	13833	K81601250	12.5	12.5	101	151.0	35362	43371
K81600900	9.0	9.0	81	125.0	11861	13290	K81601260	12.6	12.6	101	151.0	35362	43371
K81600910	9.1	9.1	81	125.0	14099	15795	K81601270	12.7	12.7	101	151.0	37018	45037
K81600920	9.2	9.2	81	125.0	14099	15795	K81601280	12.8	12.8	101	151.0	37018	45037
K81600930	9.3	9.3	81	125.0	14099	15795	K81601290	12.9	12.9	101	151.0	37018	45037
K81600940	9.4	9.4	81	125.0	14804	16579	K81601300	13.0	13.0	101	151.0	37181	45190
K81600950	9.5	9.5	81	125.0	14804	16579	K81601310	13.1	13.1	101	151.0	37235	45249
K81600960	9.6	9.6	87	133.0	14929	16723	K81601320	13.2	13.2	101	151.0	40427	48430
K81600970	9.7	9.7	87	133.0	14929	16723	K81601330	13.3	13.3	108	160.0	40427	48430
K81600980	9.8	9.8	87	133.0	14929	16723	K81601340	13.4	13.4	108	160.0	40427	48430
K81600990	9.9	9.9	87	133.0	16194	18131	K81601350	13.5	13.5	108	160.0	40427	48430
K81601000	10.0	10.0	87	133.0	17263	18246	K81601360	13.6	13.6	108	160.0	40427	48430
K81601010	10.1	10.1	87	133.0	17263	18246	K81601370	13.7	13.7	108	160.0	41659	49665
K81601020	10.2	10.2	87	133.0	17252	19325	K81601380	13.8	13.8	108	160.0	41659	49665
K81601030	10.3	10.3	87	133.0	17252	19325	K81601390	13.9	13.9	108	160.0	41659	49665
K81601040	10.4	10.4	87	133.0	17252	19325	K81601400	14.0	14.0	108	160.0	42416	50422
K81601050	10.5	10.5	87	133.0	18526	20755	K81601450	14.5	14.5	114	169.0	48156	56165
K81601060	10.6	10.6	87	133.0	18526	20755	K81601500	15.0	15.0	114	169.0	48905	56913
K81601070	10.7	10.7	94	142.0	19167	21466	K81601550	15.5	15.5	120	178.0	61526	69532
K81601080	10.8	10.8	94	142.0	19167	21466	K81601600	16.0	16.0	120	178.0	59365	67374
K81601090	10.9	10.9	94	142.0	19167	21466	K81601650	16.5	16.5	125	184.0	59040	71897
K81601100	11.0	11.0	94	142.0	19167	21466	K81601700	17.0	17.0	125	184.0	66151	78925
K81601110	11.1	11.1	94	142.0	20772	23690	K81601750	17.5	17.5	130	191.0	67832	80688
K81601120	11.2	11.2	94	142.0	20772	23690	K81601800	18.0	18.0	130	191.0	69049	81894
K81601130	11.3	11.3	94	142.0	20772	23690	K81601850	18.5	18.5	135	198.0	83225	96069

K81601140	11.4	11.4	94	142.0	20772	23690		K81601900	19.0	19.0	135	198.0	89595	###
K81601150	11.5	11.5	94	142.0	20772	23690		K81601950	19.5	19.5	140	205.0	92829	###
K81601160	11.6	11.6	94	142.0	23000	25755		K81602000	20.0	20.0	140	205.0	95270	###
K81601170	11.7	11.7	94	142.0	23000	25755								
												2C00	UNCOATED	
												2C01	TIN COATED	
												2C03	TIALN COATED	

SOLID CARBIDE GP DRILL- K2GPR3 SERIES UPTO 45HRc

Item code	Variant	Dril Dia	Shank Dia	Flute Length	Overall Length	List Price	Item code	Variant	Dril Dia	Shank Dia	Flute Length	Overall Length	List Price
K2GPR30300200662	0003	3	6	20	62	5079	K2GPR30640340879	0003	6.4	8	34	79	9904
K2GPR30310200662	0003	3.1	6	20	62	5079	K2GPR30650340879	0003	6.5	8	34	79	9904
K2GPR30320200662	0003	3.2	6	20	62	5079	K2GPR30660340879	0003	6.6	8	34	79	9904
K2GPR30330200662	0003	3.3	6	20	62	5079	K2GPR30670340879	0003	6.7	8	34	79	9904
K2GPR30340200662	0003	3.4	6	20	62	5079	K2GPR30680340879	0003	6.8	8	34	79	9904
K2GPR30350200662	0003	3.5	6	20	62	5079	K2GPR30690340879	0003	6.9	8	34	79	9904
K2GPR30360200662	0003	3.6	6	20	62	5079	K2GPR30700340879	0003	7	8	34	79	9904
K2GPR30370200662	0003	3.7	6	20	62	5079	K2GPR30710410879	0003	7.1	8	41	79	9904
K2GPR30380240666	0003	3.8	6	24	66	5079	K2GPR30720410879	0003	7.2	8	41	79	9904
K2GPR30390240666	0003	3.9	6	24	66	5079	K2GPR30730410879	0003	7.3	8	41	79	9904
K2GPR30400240666	0003	4	6	24	66	5079	K2GPR30740410879	0003	7.4	8	41	79	9904
K2GPR30410240666	0003	4.1	6	24	66	6402	K2GPR30750410879	0003	7.5	8	41	79	9904
K2GPR30420240666	0003	4.2	6	24	66	6402	K2GPR30760410879	0003	7.6	8	41	79	9904
K2GPR30430240666	0003	4.3	6	24	66	6402	K2GPR30780410879	0003	7.8	8	41	79	9904
K2GPR30440240666	0003	4.4	6	24	66	6402	K2GPR30790410879	0003	7.9	8	41	79	9904
K2GPR30450240666	0003	4.5	6	24	66	6402	K2GPR30800410879	0003	8	8	41	79	9904
K2GPR30460240666	0003	4.6	6	24	66	6402	K2GPR30810471089	0003	8.1	10	47	89	15225
K2GPR30470240666	0003	4.7	6	24	66	6402	K2GPR30820471089	0003	8.2	10	47	89	15225
K2GPR30480280666	0003	4.8	6	28	66	6402	K2GPR30830471089	0003	8.3	10	47	89	15225
K2GPR30490280666	0003	4.9	6	28	66	6402	K2GPR30840471089	0003	8.4	10	47	89	15225
K2GPR30500280666	0003	5	6	28	66	6402	K2GPR30850471089	0003	8.5	10	47	89	15225
K2GPR30510280666	0003	5.1	6	28	66	6402	K2GPR30860471089	0003	8.6	10	47	89	15225
K2GPR30520280666	0003	5.3	6	28	66	6402	K2GPR30870471089	0003	8.7	10	47	89	15225
K2GPR30530280666	0003	5.3	6	28	66	6402	K2GPR30880471089	0003	8.8	10	47	89	15225
K2GPR30540280666	0003	5.4	6	28	66	6402	K2GPR30890471089	0003	8.9	10	47	89	15225
K2GPR30550280666	0003	5.5	6	28	66	6402	K2GPR30900471089	0003	9	10	47	89	15225
K2GPR30560280666	0003	5.6	6	28	66	6402	K2GPR30910471089	0003	9.1	10	47	89	15225
K2GPR30570280666	0003	5.7	6	28	66	6402	K2GPR30920471089	0003	9.2	10	47	89	15225
K2GPR30580280666	0003	5.8	6	28	66	6402	K2GPR30930471089	0003	9.3	10	47	89	15225
K2GPR30590280666	0003	5.9	6	28	66	6402	K2GPR30940471089	0003	9.4	10	47	89	15225
K2GPR30600280666	0003	6	6	28	66	6959	K2GPR30950471089	0003	9.5	10	47	89	15225
K2GPR30610340879	0003	6.1	8	34	79	9904	K2GPR30960471089	0003	9.6	10	47	89	15225
K2GPR30620340879	0003	6.2	8	34	79	9904	K2GPR30970471089	0003	9.7	10	47	89	15225
K2GPR30630340879	0003	6.3	8	34	79	9904	K2GPR30980471089	0003	9.8	10	47	89	15225

											0003	TIALN COATED	

SOLID CARBIDE GP DRILL- K2GPR3 SERIES UPTO 45HRc

Item code	Variant	Drill Dia	Shank Dia	Flute Length	Overall Length	List Price	Item code	Variant	Drill Dia	Shank Dia	Flute Length	Overall Length	List Price
K2GPR30990471089	0003	9.9	10	47	89	15225	K2GPR313206014A7	0003	13.2	14	60	107	34441
K2GPR31000471089	0003	10	10	47	89	15834	K2GPR313306014A7	0003	13.3	14	60	107	34441
K2GPR310105512A2	0003	10.1	12	55	102	27684	K2GPR313406014A7	0003	13.4	14	60	107	34441
K2GPR310205512A2	0003	10.2	12	55	102	27684	K2GPR313506014A7	0003	13.5	14	60	107	34441
K2GPR310305512A2	0003	10.3	12	55	102	27684	K2GPR313606014A7	0003	13.6	14	60	107	34441
K2GPR310405512A2	0003	10.4	12	55	102	27684	K2GPR313706014A7	0003	13.7	14	60	107	34441
K2GPR310505512A2	0003	10.5	12	55	102	27684	K2GPR313806014A7	0003	13.8	14	60	107	34441
K2GPR310605512A2	0003	10.6	12	55	102	27684	K2GPR313906014A7	0003	13.9	14	60	107	34441
K2GPR310705512A2	0003	10.7	12	55	102	27684	K2GPR314006014A7	0003	14	14	60	107	34441
K2GPR310805512A2	0003	10.8	12	55	102	27684	K2GPR314206516B5	0003	14.2	16	65	115	38786
K2GPR310905512A2	0003	10.9	12	55	102	27684	K2GPR314306516B5	0003	14.3	16	65	115	38786
K2GPR311005512A2	0003	11	12	55	102	27684	K2GPR314506516B5	0003	14.5	16	65	115	38786
K2GPR311105512A2	0003	11.1	12	55	102	27684	K2GPR314606516B5	0003	14.6	16	65	115	38786
K2GPR311205512A2	0003	11.2	12	55	102	27684	K2GPR314706516B5	0003	14.7	16	65	115	44280
K2GPR311305512A2	0003	11.3	12	55	102	27684	K2GPR314806516B5	0003	14.8	16	65	115	44280
K2GPR311405512A2	0003	11.4	12	55	102	27684	K2GPR315006516B5	0003	15	16	65	115	45851
K2GPR311505512A2	0003	11.5	12	55	102	27684	K2GPR315206516B5	0003	15.2	16	65	115	45851
K2GPR311605512A2	0003	11.6	12	55	102	27684	K2GPR315506516B5	0003	15.5	16	65	115	45851
K2GPR311705512A2	0003	11.7	12	55	102	27684	K2GPR315706516B5	0003	15.7	16	65	115	45851
K2GPR311805512A2	0003	11.8	12	55	102	27684	K2GPR315806516B5	0003	15.8	16	65	115	45851
K2GPR311905512A2	0003	11.9	12	55	102	27684	K2GPR316006516B5	0003	16	16	65	115	45851
K2GPR312005512A2	0003	12	12	55	102	27684	K2GPR316507318C3	0003	16.5	18	73	123	71891
K2GPR312106014A7	0003	12.1	14	60	107	34441	K2GPR316807318C3	0003	16.8	18	73	123	71891
K2GPR312206014A7	0003	12.2	14	60	107	34441	K2GPR317007318C3	0003	17	18	73	123	71891
K2GPR312306014A7	0003	12.3	14	60	107	34441	K2GPR317507318C3	0003	17.5	18	73	123	71891
K2GPR312406014A7	0003	12.4	14	60	107	34441	K2GPR317807318C3	0003	17.8	18	73	123	71891
K2GPR312506014A7	0003	12.5	14	60	107	34441	K2GPR318007318C3	0003	18	18	73	123	71891
K2GPR312606014A7	0003	12.6	14	60	107	34441	K2GPR318507920D1	0003	18.5	20	79	131	92250
K2GPR312706014A7	0003	12.7	14	60	107	34441	K2GPR319007920D1	0003	19	20	79	131	92250
K2GPR312806014A7	0003	12.8	14	60	107	34441	K2GPR319507920D1	0003	19.5	20	79	131	92250
K2GPR312906014A7	0003	12.9	14	60	107	34441	K2GPR319807920D1	0003	19.8	20	79	131	92250
K2GPR313006014A7	0003	13	14	60	107	34441	K2GPR320007920D1	0003	20	20	79	131	92250
K2GPR313106014A7	0003	13.1	14	60	107	34441							
											0003	TIALN COATED	

SOLID CARBIDE GP DRILL- K2GPR5 SERIES UPTO 45HRc

Item code	Variant	Drill Dia	Shank Dia	Flute Length	Overall Length	List Price		Item code	Variant	Drill Dia	Shank Dia	Flute Length	Overall Length	List Price
K2GPR50300280666	0003	3	6	28	66	5949		K2GPR50640530891	0003	6.4	8	53	91	12510
K2GPR50310280666	0003	3.1	6	28	66	5949		K2GPR50650530891	0003	6.5	8	53	91	12510
K2GPR50320280666	0003	3.2	6	28	66	5949		K2GPR50660530891	0003	6.6	8	53	91	12510
K2GPR50330280666	0003	3.3	6	28	66	5949		K2GPR50670530891	0003	6.7	8	53	91	12510
K2GPR50340280666	0003	3.4	6	28	66	5949		K2GPR50680530891	0003	6.8	8	53	91	12510
K2GPR50350280666	0003	3.5	6	28	66	5949		K2GPR50690530891	0003	6.9	8	53	91	12510
K2GPR50360280666	0003	3.6	6	28	66	5949		K2GPR50700530891	0003	7	8	53	91	12510
K2GPR50370280666	0003	3.7	6	28	66	5949		K2GPR50710530891	0003	7.1	8	53	91	12510
K2GPR50380360674	0003	3.8	6	36	74	7233		K2GPR50720530891	0003	7.2	8	53	91	12510
K2GPR50390360674	0003	3.9	6	36	74	7233		K2GPR50730530891	0003	7.2	8	53	91	12510
K2GPR50400360674	0003	4	6	36	74	7233		K2GPR50740530891	0003	7.4	8	53	91	12510
K2GPR50410360674	0003	4.1	6	36	74	7233		K2GPR50750530891	0003	7.5	8	53	91	12510
K2GPR50420360674	0003	4.2	6	36	74	7233		K2GPR50760530891	0003	7.6	8	53	91	12510
K2GPR50430360674	0003	4.3	6	36	74	7233		K2GPR50770530891	0003	7.7	8	53	91	12510
K2GPR50440360674	0003	4.4	6	36	74	7233		K2GPR50780530891	0003	7.8	8	53	91	12510
K2GPR50450360674	0003	4.5	6	36	74	7233		K2GPR50790530891	0003	7.9	8	53	91	12510
K2GPR50460360674	0003	4.6	6	36	74	7233		K2GPR50800530891	0003	8	8	53	91	12510
K2GPR50470360674	0003	4.7	6	36	74	7233		K2GPR508106110A3	0003	8.1	10	61	103	18791
K2GPR50480440682	0003	4.8	6	44	82	7233		K2GPR508206110A3	0003	8.2	10	61	103	18791
K2GPR50490440682	0003	4.9	6	44	82	7233		K2GPR508306110A3	0003	8.3	10	61	103	18791
K2GPR50500440682	0003	5	6	44	82	7233		K2GPR508406110A3	0003	8.4	10	61	103	18791
K2GPR50510440682	0003	5.1	6	44	82	7233		K2GPR508506110A3	0003	8.5	10	61	103	18791
K2GPR50520440682	0003	5.2	6	44	82	7233		K2GPR508606110A3	0003	8.6	10	61	103	18791
K2GPR50530440682	0003	5.3	6	44	82	7233		K2GPR508706110A3	0003	8.7	10	61	103	18791
K2GPR50540440682	0003	5.4	6	44	82	7233		K2GPR508806110A3	0003	8.8	10	61	103	18791
K2GPR50550440682	0003	5.5	6	44	82	7233		K2GPR508906110A3	0003	8.9	10	61	103	18791
K2GPR50560440682	0003	5.6	6	44	82	7233		K2GPR509006110A3	0003	9	10	61	103	19098
K2GPR50570440682	0003	5.7	6	44	82	7233		K2GPR509106110A3	0003	9.1	10	61	103	19098
K2GPR50580440682	0003	5.8	6	44	82	7233		K2GPR509206110A3	0003	9.2	10	61	103	19098
K2GPR50590440682	0003	5.9	6	44	82	7233		K2GPR509306110A3	0003	9.3	10	61	103	19098

K2GPR50600440682	0003	6	6	44	82	7862		K2GPR509406110A3	0003	9.4	10	61	103	19098
K2GPR50610530891	0003	6.1	8	53	91	###		K2GPR509506110A3	0003	9.5	10	61	103	19098
K2GPR50620530891	0003	6.2	8	53	91	###		K2GPR509606110A3	0003	9.6	10	61	103	19098
K2GPR50630530891	0003	6.3	8	53	91	###		K2GPR509706110A3	0003	9.7	10	61	103	19098
											0003	TIALN COATED		

SOLID CARBIDE GP DRILL- K2GPR5 SERIES UPTO 45HRc

Item code	Variant	Drill Dia	Shank Dia	Flute Length	Overall Length	List Price	Item code	Variant	Drill Dia	Shank Dia	Flute Length	Overall Length	List Price
K2GPR509806110A3	0003	9.8	10	61	103	19098	K2GPR513107714C4	0003	13.1	14	77	124	39063
K2GPR509906110A3	0003	9.9	10	61	103	19098	K2GPR513207714C4	0003	13.2	14	77	124	39063
K2GPR510006110A3	0003	10	10	61	103	19862	K2GPR513307714C4	0003	13.3	14	77	124	39063
K2GPR510107112B8	0003	10.1	12	71	118	32320	K2GPR513407714C4	0003	13.4	14	77	124	39063
K2GPR510207112B8	0003	10.2	12	71	118	32320	K2GPR513507714C4	0003	13.5	14	77	124	39063
K2GPR510307112B8	0003	10.3	12	71	118	32320	K2GPR513607714C4	0003	13.6	14	77	124	39063
K2GPR510407112B8	0003	10.4	12	71	118	32320	K2GPR513707714C4	0003	13.7	14	77	124	39063
K2GPR510507112B8	0003	10.5	12	71	118	32320	K2GPR513807714C4	0003	13.8	14	77	124	39063
K2GPR510607112B8	0003	10.6	12	71	118	32320	K2GPR514007714C4	0003	14	14	77	124	39063
K2GPR510707112B8	0003	10.7	12	71	118	32320	K2GPR514208316D3	0003	14.2	16	83	133	48145
K2GPR510807112B8	0003	10.8	12	71	118	32320	K2GPR514308316D3	0003	14.3	16	83	133	48145
K2GPR510907112B8	0003	10.9	12	71	118	32320	K2GPR514508316D3	0003	14.3	16	83	133	48145
K2GPR511007112B8	0003	11	12	71	118	32320	K2GPR514608316D3	0003	14.6	16	83	133	48145
K2GPR511107112B8	0003	11.1	12	71	118	32320	K2GPR514708316D3	0003	14.7	16	83	133	48145
K2GPR511207112B8	0003	11.2	12	71	118	32320	K2GPR514808316D3	0003	14.8	16	83	133	48145
K2GPR511307112B8	0003	11.3	12	71	118	32320	K2GPR515008316D3	0003	15	16	83	133	49656
K2GPR511407112B8	0003	11.4	12	71	118	32320	K2GPR515208316D3	0003	15.3	16	83	133	49656
K2GPR511507112B8	0003	11.5	12	71	118	32320	K2GPR515508316D3	0003	15.5	16	83	133	49656
K2GPR511607112B8	0003	11.6	12	71	118	32320	K2GPR515708316D3	0003	15.7	16	83	133	49656
K2GPR511707112B8	0003	11.7	12	71	118	32320	K2GPR515808316D3	0003	15.8	16	83	133	49656
K2GPR511807112B8	0003	11.8	12	71	118	32320	K2GPR516008316D3	0003	16	16	83	133	49656
K2GPR511907112B8	0003	11.9	12	71	118	32320	K2GPR516509318E3	0003	16.5	18	93	143	73445
K2GPR512007112B8	0003	12	12	71	118	32320	K2GPR516809318E3	0003	16.8	18	93	143	73445
K2GPR512107714C4	0003	12.1	14	77	124	39063	K2GPR517009318E3	0003	17	18	93	143	73445
K2GPR512207714C4	0003	12.2	14	77	124	39063	K2GPR517509318E3	0003	17.5	18	93	143	73445
K2GPR512307714C4	0003	12	14	77	124	39063	K2GPR517809318E3	0003	17.8	18	93	143	73445
K2GPR512407714C4	0003	12.5	14	77	124	39063	K2GPR518009318E3	0003	18	18	93	143	73445
K2GPR512507714C4	0003	12.5	14	77	124	39063	K2GPR518510120F3	0003	18.5	20	101	153	86939
K2GPR512607714C4	0003	12.6	14	77	124	39063	K2GPR519010120F3	0003	19	20	101	153	86939

K2GPR512707714C4	0003	12.7	14	77	124	39063		K2GPR519510120F3	0003	19.5	20	101	153	86939
K2GPR512807714C4	0003	12.8	14	77	124	39063		K2GPR519810120F3	0003	19.8	20	101	153	86939
K2GPR512907714C4	0003	12.9	14	77	124	39063		K2GPR520010120F3	0003	20	20	101	153	86939
K2GPR513007714C4	0003	13	14	77	124	39063								
											0003	TIALN COATED		

SOLID CARBIDE GP END MILLS- K2GPSE/K4GPSE SERIES UPTO 45HRc

STUB SERIES							REGULAR SERIES						
Item code	Variant	CD	SD	FL	OAL	List Price	Item code	Variant	CD	SD	FL	OAL	List Price
K4GPSE0300603038	00S3	3.0	3	6	38.0	2049	K4GPSE0201203038	0003	2.0	3	12	38.0	2445
K4GPSE0300604038	00S3	3.0	4	6	38.0	3011	K4GPSE0301203038	0003	3.0	3	12	38.0	2270
K4GPSE0300606038	00S3	3.0	6	6	38.0	2676	K4GPSE0301204038	0003	3.0	4	12	38.0	2467
K4GPSE0350704050	00S3	3.5	4	7	50.0	3011	K4GPSE0301206038	0003	3.0	6	12	38.0	2691
K4GPSE0400804050	00S3	4.0	4	8	50.0	2764	K4GPSE0351204050	0003	3.5	4	12	50.0	3232
K4GPSE0400806050	00S3	4.0	6	8	50.0	3800	K4GPSE0401404050	0003	4.0	4	14	50.0	2986
K4GPSE0501006050	00S3	5.0	6	10	50.0	3800	K4GPSE0401406050	0003	4.0	6	14	50.0	3705
K4GPSE0551006054	00S3	5.5	6	10	54.0	3800	K4GPSE0451605050	0003	4.5	5	16	50.0	3997
K4GPSE0601206054	00S3	6.0	6	12	54.0	3863	K4GPSE0501605050	0003	5.0	5	16	50.0	3751
K4GPSE0701207054	00S3	7.0	7	12	54.0	4534	K4GPSE0501606050	0003	5.0	6	16	50.0	3705
K4GPSE0701208054	00S3	7.0	8	12	54.0	5605	K4GPSE0551606056	0003	5.5	6	16	56.0	4147
K4GPSE0801208054	00S3	8.0	8	12	54.0	5339	K4GPSE0601906056	0003	6.0	6	19	56.0	4239
K4GPSE0901409066	00S3	9.0	9	14	66.0	6705	K4GPSE0701907063	0003	7.0	7	19	63.0	5095
K4GPSE0901410066	00S3	9.0	10	14	66.0	10137	K4GPSE0802008063	0003	8.0	8	20	63.0	5150
K4GPSE1001410066	00S3	10.0	10	14	66.0	10242	K4GPSE0852209075	0003	8.5	9	22	75.0	8154
K4GPSE1101911073	00S3	11.0	11	19	73.0	12607	K4GPSE0902209075	0003	9.0	9	22	75.0	7484
K4GPSE1101912073	00S3	11.0	12	19	73.0	13337	K4GPSE1002210075	0003	10.0	10	22	75.0	10168
K4GPSE1201912073	00S3	12.0	12	19	73.0	12998	K4GPSE1102511075	0003	11.0	11	25	75.0	12591
K4GPSE1302214075	00S3	13.0	14	22	75.0	19515	K4GPSE1202512075	0003	12.0	12	25	75.0	13637
K4GPSE1402214075	00S3	14.0	14	22	75.0	19176	K4GPSE1302514075	0003	13.0	14	25	75.0	23892
K4GPSE1502516082	00S3	15.0	16	25	82.0	22624	K4GPSE1403214089	0003	14.0	14	32	89.0	24459
K4GPSE1602516082	00S3	16.0	16	25	82.0	22285	K4GPSE1503216089	0003	15.0	16	32	89.0	27327
K4GPSE1702518084	00S3	17.0	18	25	84.0	31807	K4GPSE1603216089	0003	16.0	16	32	89.0	29699
K4GPSE1802518084	00S3	18.0	18	25	84.0	31469	K4GPSE1803818100	0003	18.0	18	38	100.0	40117
K4GPSE1902520084	00S3	19.0	20	25	84.0	49245	K4GPSE1903820100	0003	19.0	20	38	100.0	54220
K4GPSE2002520084	00S3	20.0	20	25	84.0	48907	K4GPSE2003820100	0003	20.0	20	38	100.0	52134
							K4GPSE2203822100	0003	22.0	22	38	100.0	61936
							K4GPSE2503825100	0003	25.0	25	38	100.0	77684
LONG SERIES							EXTRA LONG SERIES						
Item code	Variant	CD	SD	FL	OAL	List Price	Item code	Variant	CD	SD	FL	OAL	List Price
K4GPSE0302503075	00L3	3.0	3	25	75.0	4219	K4GPSE0302504100	00X3	3.0	4	25	100.0	5281
K4GPSE0302504075	00L3	3.0	4	25	75.0	4935	K4GPSE0402504100	00X3	4.0	4	25	100.0	5899
K4GPSE0402504075	00L3	4.0	4	25	75.0	4688	K4GPSE0502506100	00X3	5.0	6	25	100.0	6890
K4GPSE0502505075	00L3	5.0	5	25	75.0	5306	K4GPSE0603006100	00X3	6.0	6	30	100.0	7489
K4GPSE0502506075	00L3	5.0	6	25	75.0	5749	K4GPSE0803508100	00X3	8.0	8	35	100.0	9940
K4GPSE0602506075	00L3	6.0	6	25	75.0	5981	K4GPSE0804008120	00X3	8.0	8	40	120.0	12422

K4GPSE0803008075	00L3	8.0	8	30	75.0	6840	K4GPSE0805008150	00X3	8.0	8	50	150.0	12422
K4GPSE1004010100	00L3	10.0	10	40	100.0	12209	K4GPSE1007510150	00X3	10.0	10	75	150.0	15185
K4GPSE1005010100	00L3	10.0	10	50	100.0	12759	K4GPSE1207512150	00X3	12.0	12	75	150.0	38212
K4GPSE1205012100	00L3	12.0	12	50	100.0	18837	K4GPSE1407514150	00X3	14.0	14	75	150.0	60444
K4GPSE1405014100	00L3	14.0	14	50	100.0	32240	K4GPSE1607516150	00X3	16.0	16	75	150.0	71151
K4GPSE1605016100	00L3	16.0	16	50	100.0	36488	K4GPSE1807518150	00X3	18.0	18	75	150.0	95071
K4GPSE1805018100	00L3	18.0	18	50	100.0	50704	K4GPSE2007520150	00X3	20.0	20	75	150.0	123757
K4GPSE2005020100	00L3	20.0	20	50	100.0	63557							
K4GPSE2507525150	00L3	25.0	25	75	150.0	122127				00S3	TIALN COATED		
										0003	TIALN COATED		
										00L3	TIALN COATED		
										00X3	TIALN COATED		

SOLID CARBIDE GP BALL NOSE END MILLS - K2GPSB / K4GPSB SERIES UPTO 45HRc

STUB SERIES

Item code	Variant	Cutting Dia	Shank Dia	Flute Length	Overall Length	List Price
K4GPSB0300603038	00S3	3.0	3	6	38	2415
K4GPSB0400804050	00S3	4.0	4	8	50	3257
K4GPSB0501005050	00S3	5.0	5	10	50	4072
K4GPSB0501006050	00S3	5.0	6	10	50	4394
K4GPSB0601206050	00S3	6.0	6	12	50	4507
K4GPSB0801208050	00S3	8.0	8	12	50	5351
K4GPSB1001610056	00S3	10.0	10	16	56	10319
K4GPSB1201912063	00S3	12.0	12	19	63	13284
K4GPSB1401914070	00S3	14.0	14	19	70	23721
K4GPSB1602516076	00S3	16.0	16	25	76	25077
K4GPSB2002520076	00S3	20.0	20	25	76	48798

REGULAR SERIES

Item code	Variant	Cutting Dia	Shank Dia	Flute Length	Overall Length	List Price
K4GPSB0251203038	0003	2.5	3	12	38	3013
K4GPSB0301203038	0003	3.0	3	12	38	2678
K4GPSB0301204038	0003	3.0	4	12	38	2929
K4GPSB0301206038	0003	3.0	6	12	38	3257
K4GPSB0401404050	0003	4.0	4	14	50	3529
K4GPSB0401406050	0003	4.0	6	14	50	4384
K4GPSB0501605050	0003	5.0	5	16	50	4441
K4GPSB0501606050	0003	5.0	6	16	50	4384
K4GPSB0601906056	0003	6.0	6	19	56	5039
K4GPSB0802008063	0003	8.0	8	20	63	5888
K4GPSB1002210075	0003	10.0	10	22	75	11538
K4GPSB1202512075	0003	12.0	12	25	75	15538
K4GPSB1403214089	0003	14.0	14	32	89	30654
K4GPSB1603216089	0003	16.0	16	32	89	29451
K4GPSB1803818100	0003	18.0	18	38	100	45717
K4GPSB2003820100	0003	20.0	20	38	100	64420
K4GPSB2504025100	0003	25.0	25	40	100	88182

LONG SERIES

Item code	Variant	Cutting Dia	Shank Dia	Flute Length	Overall Length	List Price
K4GPSB0302003075	00L3	3.0	3	20	75	4962

K4GPSB0302004075	00L3	3.0	4	20	75	5781
K4GPSB0402004075	00L3	4.0	4	20	75	5534
K4GPSB0502506075	00L3	5.0	6	25	75	6750
K4GPSB0602506075	00L3	6.0	6	25	75	7069
K4GPSB0802508089	00L3	8.0	8	25	89	9551
K4GPSB1003010089	00L3	10.0	10	30	89	12637
K4GPSB1004010100	00L3	10.0	10	40	100	14287
K4GPSB1203012100	00L3	12.0	12	30	100	21097
K4GPSB1604516100	00L3	16.0	16	45	100	34164
K4GPSB2004520100	00L3	20.0	20	45	100	64809
				00S3	TIALN COATED	
				0003	TIALN COATED	
				00L3	TIALN COATED	

SOLID CARBIDE DIE & MOULD SOFT END MILLS - K4DSSE SERIES 45-60HRc

REGULAR SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K4DSSE0100303050	0006	SC DSSE 4F 1x3x3x50 ALTIN Coating	1	3	3	50	3213
K4DSSE0200503050	0006	SC DSSE 4F 2x3x5x50 ALTIN Coating	2	3	5	50	2843
K4DSSE0301003050	0006	SC DSSE 4F 3x3x10x50 ALTIN Coating	3	3	10	50	2849
K4DSSE0301204050	0006	SC DSSE 4F 3x4x12x50 ALTIN Coating	3	4	12	50	3229
K4DSSE0401204050	0006	SC DSSE 4F 4x4x12x50 ALTIN Coating	4	4	12	50	3816
K4DSSE0501305050	0006	SC DSSE 4F 5x5x13x50 ALTIN Coating	5	5	13	50	4545
K4DSSE0601506060	0006	SC DSSE 4F 6x6x15x60 ALTIN Coating	6	6	15	60	5539
K4DSSE0802008060	0006	SC DSSE 4F 8x8x20x60 ALTIN Coating	8	8	20	60	7584
K4DSSE1002510075	0006	SC DSSE 4F 10x10x25x75 ALTIN Coating	10	10	25	75	14519
K4DSSE1203012075	0006	SC DSSE 4F 12x12x30x75 ALTIN Coating	12	12	30	75	21569
K4DSSE1403214075	0006	SC DSSE 4F 14x14x32x75 ALTIN Coating	14	14	32	75	29342
K4DSSE1603216100	0006	SC DSSE 4F 16x16x32x100 ALTIN Coating	16	16	32	100	44413
K4DSSE1803818100	0006	SC DSSE 4F 18x18x38x100 ALTIN Coating	18	18	38	100	54989
K4DSSE2003820100	0006	SC DSSE 4F 20x20x38x100 ALTIN Coating	20	20	38	100	69438

LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K4DSSE0301203075	00L6	SC DSSE 4F 3x3x12x75 ALTIN Coating	3	3	12	75	3969
K4DSSE0401604075	00L6	SC DSSE 4F 4x4x16x75 ALTIN Coating	4	4	16	75	6037
K4DSSE0502005075	00L6	SC DSSE 4F 5x5x20x75 ALTIN Coating	5	5	20	75	5791
K4DSSE0602006075	00L6	SC DSSE 4F 6x6x20x75 ALTIN Coating	6	6	20	75	7460
K4DSSE0802008075	00L6	SC DSSE 4F 8x8x20x75 ALTIN Coating	8	8	20	75	9004
K4DSSE1002510100	00L6	SC DSSE 4F 10x10x25x100 ALTIN Coating	10	10	25	100	20600
K4DSSE1203012100	00L6	SC DSSE 4F 12x12x30x100 ALTIN Coating	12	12	30	100	31463
K4DSSE1604516120	00L6	SC DSSE 4F 16x16x45x120 ALTIN Coating	16	16	45	120	61225
K4DSSE2004520120	00L6	SC DSSE 4F 20x20x45x120 ALTIN Coating	20	20	45	120	112691

EXTRA LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K4DSSE0301203100	00X6	SC DSSE 4F 3x3x12x100 ALTIN Coating	3	3	12	100	4345
K4DSSE0401604100	00X6	SC DSSE 4F 4x4x16x100 ALTIN Coating	4	4	16	100	5909

K4DSSE0502005100	00X6	SC DSSE 4F 5x5x20x100 ALTIN Coating	5	5	20	100	6267
K4DSSE0602006100	00X6	SC DSSE 4F 6x6x20x100 ALTIN Coating	6	6	20	100	8064
K4DSSE0602006150	00X6	SC DSSE 4F 6x6x20x150 ALTIN Coating	6	6	20	150	9985
K4DSSE0802008100	00X6	SC DSSE 4F 8x8x20x100 ALTIN Coating	8	8	20	100	12559
K4DSSE0802008150	00X6	SC DSSE 4F 8x8x20x150 ALTIN Coating	8	8	20	150	15829
K4DSSE1002510150	00X6	SC DSSE 4F 10x10x25x150 ALTIN Coating	10	10	25	150	24898
K4DSSE1203012150	00X6	SC DSSE 4F 12x12x30x150 ALTIN Coating	12	12	30	150	38303
K4DSSE1604516150	00X6	SC DSSE 4F 16x16x45x150 ALTIN Coating	16	16	45	150	62714
K4DSSE2004520150	00X6	SC DSSE 4F 20x20x45x150 ALTIN Coating	20	20	45	150	106594
				0006	ALTIN COATED		
				00L6	ALTIN COATED		
				00X6	ALTIN COATED		

SOLID CARBIDE DIE & MOULD SOFT BALL NOSE - K2DSSB SERIES 45-60HRc

REGULAR SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K2DSSB0100304050	0006	SC DSSB 2F 1x4x3x50 ALTIN Coating	1	4	3	50	3943
K2DSSB0200404050	0006	SC DSSB 2F 2x4x4x50 ALTIN Coating	2	4	4	50	3943
K2DSSB0300603050	0006	SC DSSB 2F 3x3x6x50 ALTIN Coating	3	3	6	50	3848
K2DSSB0400804050	0006	SC DSSB 2F 4x4x8x50 ALTIN Coating	4	4	8	50	4225
K2DSSB0501305050	0006	SC DSSB 2F 5x5x13x50 ALTIN Coating	5	5	13	50	5008
K2DSSB0601206050	0006	SC DSSB 2F 6x6x12x60 ALTIN Coating	6	6	12	60	6576
K2DSSB0801408060	0006	SC DSSB 2F 8x8x14x60 ALTIN Coating	8	8	14	60	8899
K2DSSB1002210075	0006	SC DSSB 2F 10x10x22x75 ALTIN Coating	10	10	22	75	17556
K2DSSB1202512075	0006	SC DSSB 2F 12x12x25x75 ALTIN Coating	12	12	25	75	23191
K2DSSB1603216100	0006	SC DSSB 2F 16x16x32x100 ALTIN Coating	16	16	32	100	46993
K2DSSB2003220100	0006	SC DSSB 2F 20x20x32x100 ALTIN Coating	20	20	32	100	102946

LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K2DSSB0300603075	00L6	SC DSSB 2F 3x3x6x75 ALTIN Coating	3	3	6	75	5068
K2DSSB0400804075	00L6	SC DSSB 2F 4x4x8x75 ALTIN Coating	4	4	8	75	5943
K2DSSB0501005075	00L6	SC DSSB 2F 5x5x10x75 ALTIN Coating	5	5	10	75	6290
K2DSSB0601206075	00L6	SC DSSB 2F 6x6x12x75 ALTIN Coating	6	6	12	75	7568
K2DSSB0801608075	00L6	SC DSSB 2F 8x8x16x75 ALTIN Coating	8	8	16	75	9716
K2DSSB1002210100	00L6	SC DSSB 2F 10x10x22x100 ALTIN Coating	10	10	22	100	19439
K2DSSB1202512100	00L6	SC DSSB 2F 12x12x25x100 ALTIN Coating	12	12	25	100	28646

EXTRA LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K2DSSB0400804100	00X6	SC DSSB 2F 4x4x8x100 ALTIN Coating	4	4	8	100	6729

K2DSSB0501005100	00X6	SC DSSB 2F 5x5x10x100 ALTIN Coating	5	5	10	100	6970
K2DSSB0601206100	00X6	SC DSSB 2F 6x6x12x100 ALTIN Coating	6	6	12	100	8384
K2DSSB0601206150	00X6	SC DSSB 2F 6x6x12x150 ALTIN Coating	6	6	12	150	11522
K2DSSB0801608100	00X6	SC DSSB 2F 8x8x16x100 ALTIN Coating	8	8	16	100	12469
K2DSSB0801608150	00X6	SC DSSB 2F 8x8x16x150 ALTIN Coating	8	8	16	150	16016
K2DSSB1002210150	00X6	SC DSSB 2F 10x10x22x150 ALTIN Coating	10	10	22	150	26209
K2DSSB1202512150	00X6	SC DSSB 2F 12x12x25x150 ALTIN Coating	12	12	25	150	39261
				0006	ALTIN COATED		
				00L6	ALTIN COATED		
				00X6	ALTIN COATED		

SOLID CARBIDE DIE & MOULD SOFT BULL NOSE - K4DSSR SERIES 45-60HRC**REGULAR SERIES**

Item code	Variant	Description	Dia	Corner Radius	SD	FL	OAL	List price
K4DSSR0300803050	0506	SC DSSR 4F 3x3x8x50xCR0.5 ALTIN Coating	3	0.5	3	8	50	4241
K4DSSR0300803050	1006	SC DSSR 4F 3x3x8x50xCR1 ALTIN Coating	3	1.0	3	8	50	4241
K4DSSR0401104050	0506	SC DSSR 4F 4x4x11x50xCR0.5 ALTIN Coating	4	0.5	4	11	50	4410
K4DSSR0401104050	1006	SC DSSR 4F 4x4x11x50xCR1 ALTIN Coating	4	1.0	4	11	50	4410
K4DSSR0501305050	0506	SC DSSR 4F 5x5x13x50xCR0.5 ALTIN Coating	5	0.5	5	13	50	5192
K4DSSR0501305050	1006	SC DSSR 4F 5x5x13x50xCR1 ALTIN Coating	5	1.0	5	13	50	5192
K4DSSR0601606050	0506	SC DSSR 4F 6x6x16x50xCR0.5 ALTIN Coating	6	0.5	6	16	50	6243
K4DSSR0601606050	1006	SC DSSR 4F 6x6x16x50xCR1 ALTIN Coating	6	1.0	6	16	50	6243
K4DSSR0802008060	0506	SC DSSR 4F 8x8x20x60xCR0.5 ALTIN Coating	8	0.5	8	20	60	9129
K4DSSR0802008060	1006	SC DSSR 4F 8x8x20x60xCR1 ALTIN Coating	8	1.0	8	20	60	9129
K4DSSR1002510075	0506	SC DSSR 4F 10x10x25x75xCR0.5 ALTIN Coating	10	0.5	10	25	75	15502
K4DSSR1002510075	1006	SC DSSR 4F 10x10x25x75xCR1 ALTIN Coating	10	1.0	10	25	75	15502
K4DSSR1203012075	1006	SC DSSR 4F 12x12x30x75xCR1 ALTIN Coating	12	1.0	12	30	75	23044
K4DSSR1203012075	2006	SC DSSR 4F 12x12x30x75xCR2 ALTIN Coating	12	2.0	12	30	75	23044

LONG SERIES

Item code	Variant	Description	Dia	Corner Radius	SD	FL	OAL	List price
K4DSSR0300803075	05L6	SC DSSR 4F 3x3x8x75xCR0.5 ALTIN Coating	3	0.5	3	8	75	5607
K4DSSR0300803075	10L6	SC DSSR 4F 3x3x8x75xCR1 ALTIN Coating	3	1.0	3	8	75	5607
K4DSSR0401104075	05L6	SC DSSR 4F 4x4x11x75xCR0.5 ALTIN Coating	4	0.5	4	11	75	5963
K4DSSR0401104075	10L6	SC DSSR 4F 4x4x11x75xCR1 ALTIN Coating	4	1.0	4	11	75	5963
K4DSSR0501305075	05L6	SC DSSR 4F 5x5x13x75xCR0.5 ALTIN Coating	5	0.5	5	13	75	6498
K4DSSR0501305075	10L6	SC DSSR 4F 5x5x13x75xCR1 ALTIN Coating	5	1.0	5	13	75	6498
K4DSSR0601606075	05L6	SC DSSR 4F 6x6x16x75xCR0.5 ALTIN Coating	6	0.5	6	16	75	7887
K4DSSR0601606075	10L6	SC DSSR 4F 6x6x16x75xCR1 ALTIN Coating	6	1.0	6	16	75	7887
K4DSSR0601606100	05L6	SC DSSR 4F 6x6x16x100xCR0.5 ALTIN Coating	6	0.5	6	16	100	9070
K4DSSR0601606100	10L6	SC DSSR 4F 6x6x16x100xCR1 ALTIN Coating	6	1.0	6	16	100	9070
K4DSSR0802008075	05L6	SC DSSR 4F 8x8x20x75xCR0.5 ALTIN Coating	8	0.5	8	20	75	10462
K4DSSR0802008075	10L6	SC DSSR 4F 8x8x20x75xCR1 ALTIN Coating	8	1.0	8	20	75	10462
K4DSSR0802008100	05L6	SC DSSR 4F 8x8x20x100xCR0.5 ALTIN Coating	8	0.5	8	20	100	13330
K4DSSR0802008100	10L6	SC DSSR 4F 8x8x20x100xCR1 ALTIN Coating	8	1.0	8	20	100	13330
K4DSSR1002510100	05L6	SC DSSR 4F 10x10x25x100xCR0.5 ALTIN Coating	10	0.5	10	25	100	20849
K4DSSR1002510100	10L6	SC DSSR 4F 10x10x25x100xCR1 ALTIN Coating	10	1.0	10	25	100	20849

K4DSSR1203012100	10L6	SC DSSR 4F 12x12x30x100xCR1 ALTIN Coating	12	1.0	12	30	100	31250
K4DSSR1203012100	20L6	SC DSSR 4F 12x12x30x100xCR2 ALTIN Coating	12	2.0	12	30	100	31250
EXTRA LONG SERIES								
Item code	Variant	Description	Dia	Corner Radius	SD	FL	OAL	List price
K4DSSR0601606150	05X6	SC DSSR 4F 6x6x16x150xCR0.5 ALTIN Coating	6	0.5	6	16	150	12856
K4DSSR0601606150	10X6	SC DSSR 4F 6x6x16x150xCR1 ALTIN Coating	6	1.0	6	16	150	12856
K4DSSR0802008150	05X6	SC DSSR 4F 8x8x20x150xCR0.5 ALTIN Coating	8	0.5	8	20	150	18965
K4DSSR0802008150	10X6	SC DSSR 4F 8x8x20x150xCR1 ALTIN Coating	8	1.0	8	20	150	18965
K4DSSR1002510150	05X6	SC DSSR 4F 10x10x25x150xCR0.5 ALTIN Coating	10	0.5	10	25	150	25882
K4DSSR1002510150	10X6	SC DSSR 4F 10x10x25x150xCR1 ALTIN Coating	10	1.0	10	25	150	25882
K4DSSR1203012150	10X6	SC DSSR 4F 12x12x30x150xCR1 ALTIN Coating	12	1.0	12	30	150	44615
K4DSSR1203012150	20X6	SC DSSR 4F 12x12x30x150xCR2 ALTIN Coating	12	2.0	12	30	150	44615
		0506, 1006, 2006	ALTIN COATED					
		05L6, 10L6, 20L6	ALTIN COATED					
		05X6, 10X6, 20X6	ALTIN COATED					

SOLID CARBIDE DIE & MOULD HARD END MILLS - K4DHSE SERIES ABOVE 60HRc

REGULAR SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
	0009	SC DHSE 4F 1x3x3x50 TISINOS Coating	1	3	3	50	3442
K4DHSE0200503050	0009	SC DHSE 4F 2x3x5x50 TISINOS Coating	2	3	5	50	3304
K4DHSE0301003050	0009	SC DHSE 4F 3x3x10x50 TISINOS Coating	3	3	10	50	3196
K4DHSE0301204050	0009	SC DHSE 4F 3x4x12x50 TISINOS Coating	3	4	12	50	3819
K4DHSE0401204050	0009	SC DHSE 4F 4x4x12x50 TISINOS Coating	4	4	12	50	3979
K4DHSE0501305050	0009	SC DHSE 4F 5x5x13x50 TISINOS Coating	5	5	13	50	4691
K4DHSE0601506060	0009	SC DHSE 4F 6x6x15x60 TISINOS Coating	6	6	15	60	6809
K4DHSE0802008060	0009	SC DHSE 4F 8x8x20x60 TISINOS Coating	8	8	20	60	9123
K4DHSE1002510075	0009	SC DHSE 4F 10x10x25x75 TISINOS Coating	10	10	25	75	15975
K4DHSE1203012075	0009	SC DHSE 4F 12x12x30x75 TISINOS Coating	12	12	30	75	23405
K4DHSE1403214075	0009	SC DHSE 4F 14x14x32x75 TISINOS Coating	14	14	32	75	31587
K4DHSE1603216100	0009	SC DHSE 4F 16x16x32x100 TISINOS Coating	16	16	32	100	48036
K4DHSE1803818100	0009	SC DHSE 4F 18x18x38x100 TISINOS Coating	18	18	38	100	59933
K4DHSE2003820100	0009	SC DHSE 4F 20x20x38x100 TISINOS Coating	20	20	38	100	74084

LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K4DHSE0301203075	00L9	SC DHSE 4F 3x3x12x75 TISINOS Coating	3	3	12	75	4312
K4DHSE0401604075	00L9	SC DHSE 4F 4x4x16x75 TISINOS Coating	4	4	16	75	6390
K4DHSE0502005075	00L9	SC DHSE 4F 5x5x20x75 TISINOS Coating	5	5	20	75	6151
K4DHSE0602006075	00L9	SC DHSE 4F 6x6x20x75 TISINOS Coating	6	6	20	75	7870
K4DHSE0802008075	00L9	SC DHSE 4F 8x8x20x75 TISINOS Coating	8	8	20	75	10544
K4DHSE1002510100	00L9	SC DHSE 4F 10x10x25x100 TISINOS Coating	10	10	25	100	22536
K4DHSE1203012100	00L9	SC DHSE 4F 12x12x30x100 TISINOS Coating	12	12	30	100	33625
K4DHSE1604516120	00L9	SC DHSE 4F 16x16x45x120 TISINOS Coating	16	16	45	120	64311
K4DHSE2004520120	00L9	SC DHSE 4F 20x20x45x120 TISINOS Coating	20	20	45	120	116368

EXTRA LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K4DHSE0301203100	00X9	SC DHSE 4F 3x3x12x100 TISINOS Coating	3	3	12	100	4866
K4DHSE0401604100	00X9	SC DHSE 4F 4x4x16x100 TISINOS Coating	4	4	16	100	6305

K4DHSE0502005100	00X9	SC DHSE 4F 5x5x20x100 TISINOS Coating	5	5	20	100	7435
K4DHSE0602006100	00X9	SC DHSE 4F 6x6x20x100 TISINOS Coating	6	6	20	100	9240
K4DHSE0602006150	00X9	SC DHSE 4F 6x6x20x150 TISINOS Coating	6	6	20	150	12264
K4DHSE0802008100	00X9	SC DHSE 4F 8x8x20x100 TISINOS Coating	8	8	20	100	13898
K4DHSE0802008150	00X9	SC DHSE 4F 8x8x20x150 TISINOS Coating	8	8	20	150	17933
K4DHSE1002510150	00X9	SC DHSE 4F 10x10x25x150 TISINOS Coating	10	10	25	150	27776
K4DHSE1203012150	00X9	SC DHSE 4F 12x12x30x150 TISINOS Coating	12	12	30	150	43869
K4DHSE1604516150	00X9	SC DHSE 4F 16x16x45x150 TISINOS Coating	16	16	45	150	69675
K4DHSE2004520150	00X9	SC DHSE 4F 20x20x45x150 TISINOS Coating	20	20	45	150	116074
				0009	TISINOS COATED		
				00L9	TISINOS COATED		
				00X9	TISINOS COATED		

SOLID CARBIDE DIE & MOULD HARD BALL NOSE - K2DHSB SERIES ABOVE 60HRc

REGULAR SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K2DHSB0100304050	0009	SC DHSB 2F 1x4x3x50 TISINOS Coating	1	4	3	50	4255
K2DHSB0200404050	0009	SC DHSB 2F 2x4x4x50 TISINOS Coating	2	4	4	50	4255
K2DHSB0300603050	0009	SC DHSB 2F 3x3x6x50 TISINOS Coating	3	3	6	50	4167
K2DHSB0400804050	0009	SC DHSB 2F 4x4x8x50 TISINOS Coating	4	4	8	50	4656
K2DHSB0501305050	0009	SC DHSB 2F 5x5x13x50 TISINOS Coating	5	5	13	50	5728
K2DHSB0601206060	0009	SC DHSB 2F 6x6x12x60 TISINOS Coating	6	6	12	60	7903
K2DHSB0801408060	0009	SC DHSB 2F 8x8x14x60 TISINOS Coating	8	8	14	60	10215
K2DHSB1002210075	0009	SC DHSB 2F 10x10x22x75 TISINOS Coating	10	10	22	75	20314
K2DHSB1202512075	0009	SC DHSB 2F 12x12x25x75 TISINOS Coating	12	12	25	75	29435
K2DHSB1603216100	0009	SC DHSB 2F 16x16x32x100 TISINOS Coating	16	16	32	100	52732
K2DHSB2003220100	0009	SC DHSB 2F 20x20x32x100 TISINOS Coating	20	20	32	100	108118

LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K2DHSB0300603075	00L9	SC DHSB 2F 3x3x6x75 TISINOS Coating	3	3	6	75	5376
K2DHSB0400804075	00L9	SC DHSB 2F 4x4x8x75 TISINOS Coating	4	4	8	75	6243
K2DHSB0501005075	00L9	SC DHSB 2F 5x5x10x75 TISINOS Coating	5	5	10	75	7368
K2DHSB0601206075	00L9	SC DHSB 2F 6x6x12x75 TISINOS Coating	6	6	12	75	9270
K2DHSB0801608075	00L9	SC DHSB 2F 8x8x16x75 TISINOS Coating	8	8	16	75	12700
K2DHSB1002210100	00L9	SC DHSB 2F 10x10x22x100 TISINOS Coating	10	10	22	100	24728
K2DHSB1202512100	00L9	SC DHSB 2F 12x12x25x100 TISINOS Coating	12	12	25	100	36019

EXTRA LONG SERIES

Item code	Variant	Description	Dia	Sh.Dia	FL	OAL	List price
K2DHSB0400804100	00X9	SC DHSB 2F 4x4x8x100 TISINOS Coating	4	4	8	100	7263

K2DHSB0501005100	00X9	SC DHSB 2F 5x5x10x100 TISINOS Coating	5	5	10	100	8759
K2DHSB0601206100	00X9	SC DHSB 2F 6x6x12x100 TISINOS Coating	6	6	12	100	11096
K2DHSB0601206150	00X9	SC DHSB 2F 6x6x12x150 TISINOS Coating	6	6	12	150	14371
K2DHSB0801608100	00X9	SC DHSB 2F 8x8x16x100 TISINOS Coating	8	8	16	100	15411
K2DHSB0801608150	00X9	SC DHSB 2F 8x8x16x150 TISINOS Coating	8	8	16	150	20385
K2DHSB1002210150	00X9	SC DHSB 2F 10x10x22x150 TISINOS Coating	10	10	22	150	32833
K2DHSB1202512150	00X9	SC DHSB 2F 12x12x25x150 TISINOS Coating	12	12	25	150	48573
				0009	TISINOS COATED		
				00L9	TISINOS COATED		
				00X9	TISINOS COATED		

	MC - 55								
	SOLID CARBIDE DIE & MOULD HARD BULL NOSE - K4DSSR SERIES 45-60HRc								
	REGULAR SERIES								
	Item code	Variant	Description	Dia	Corner Radius	SD	FL	OAL	List price
	K4DHSR0300803050	0506	SC DHSR 4F 3x3x8x50xCR0.5 TISINOS Coating	3	0.5	3	8	50	4572
	K4DHSR0300803050	1006	SC DHSR 4F 3x3x8x50xCR1 TISINOS Coating	3	1.0	3	8	50	4572
	K4DHSR0401104050	0506	SC DHSR 4F 4x4x11x50xCR0.5 TISINOS Coating	4	0.5	4	11	50	5221
	K4DHSR0401104050	1006	SC DHSR 4F 4x4x11x50xCR1 TISINOS Coating	4	1.0	4	11	50	5221
	K4DHSR0501305050	0506	SC DHSR 4F 5x5x13x50xCR0.5 TISINOS Coating	5	0.5	5	13	50	5903
	K4DHSR0501305050	1006	SC DHSR 4F 5x5x13x50xCR1 TISINOS Coating	5	1.0	5	13	50	5903
	K4DHSR0601606050	0506	SC DHSR 4F 6x6x16x50xCR0.5 TISINOS Coating	6	0.5	6	16	50	7020
	K4DHSR0601606050	1006	SC DHSR 4F 6x6x16x50xCR1 TISINOS Coating	6	1.0	6	16	50	7020
	K4DHSR0802008060	0506	SC DHSR 4F 8x8x20x60xCR0.5 TISINOS Coating	8	0.5	8	20	60	11410
	K4DHSR0802008060	1006	SC DHSR 4F 8x8x20x60xCR1 TISINOS Coating	8	1.0	8	20	60	11410
	K4DHSR1002510075	0506	SC DHSR 4F 10x10x25x75xCR0.5 TISINOS Coating	10	0.5	10	25	75	19191
	K4DHSR1002510075	1006	SC DHSR 4F 10x10x25x75xCR1 TISINOS Coating	10	1.0	10	25	75	19191
	K4DHSR1203012075	1006	SC DHSR 4F 12x12x30x75xCR1 TISINOS Coating	12	1.0	12	30	75	28148
	K4DHSR1203012075	2006	SC DHSR 4F 12x12x30x75xCR2 TISINOS Coating	12	2.0	12	30	75	28148
	LONG SERIES								
	Item code	Variant	Description	Dia	Corner Radius	SD	FL	OAL	List price
	K4DHSR0300803075	05L6	SC DHSR 4F 3x3x8x75xCR0.5 TISINOS Coating	3	0.5	3	8	75	5964
	K4DHSR0300803075	10L6	SC DHSR 4F 3x3x8x75xCR1 TISINOS Coating	3	1.0	3	8	75	5964
	K4DHSR0401104075	05L6	SC DHSR 4F 4x4x11x75xCR0.5 TISINOS Coating	4	0.5	4	11	75	6830
	K4DHSR0401104075	10L6	SC DHSR 4F 4x4x11x75xCR1 TISINOS Coating	4	1.0	4	11	75	6830
	K4DHSR0501305075	05L6	SC DHSR 4F 5x5x13x75xCR0.5 TISINOS Coating	5	0.5	5	13	75	7956
	K4DHSR0501305075	10L6	SC DHSR 4F 5x5x13x75xCR1 TISINOS Coating	5	1.0	5	13	75	7956
	K4DHSR0601606075	05L6	SC DHSR 4F 6x6x16x75xCR0.5 TISINOS Coating	6	0.5	6	16	75	9589
	K4DHSR0601606075	10L6	SC DHSR 4F 6x6x16x75xCR1 TISINOS Coating	6	1.0	6	16	75	9589
	K4DHSR0601606100	05L6	SC DHSR 4F 6x6x16x100xCR0.5 TISINOS Coating	6	0.5	6	16	100	10537
	K4DHSR0601606100	10L6	SC DHSR 4F 6x6x16x100xCR1 TISINOS Coating	6	1.0	6	16	100	10537
	K4DHSR0802008075	05L6	SC DHSR 4F 8x8x20x75xCR0.5 TISINOS Coating	8	0.5	8	20	75	12518
	K4DHSR0802008075	10L6	SC DHSR 4F 8x8x20x75xCR1 TISINOS Coating	8	1.0	8	20	75	12518
	K4DHSR0802008100	05L6	SC DHSR 4F 8x8x20x100xCR0.5 TISINOS Coating	8	0.5	8	20	100	14520
	K4DHSR0802008100	10L6	SC DHSR 4F 8x8x20x100xCR1 TISINOS Coating	8	1.0	8	20	100	14520
	K4DHSR1002510100	05L6	SC DHSR 4F 10x10x25x100xCR0.5 TISINOS Coating	10	0.5	10	25	100	22495
	K4DHSR1002510100	10L6	SC DHSR 4F 10x10x25x100xCR1 TISINOS Coating	10	1.0	10	25	100	22495

	K4DHSR1203012100	10L6	SC DHSR 4F 12x12x30x100xCR1 TISINOS Coating	12	1.0	12	30	100	36019
	K4DHSR1203012100	20L6	SC DHSR 4F 12x12x30x100xCR2 TISINOS Coating	12	2.0	12	30	100	36019
	EXTRA LONG SERIES								
	Item code	Variant	Description	Dia	Corner Radius	SD	FL	OAL	List price
	K4DHSR0601606150	05X6	SC DHSR 4F 6x6x16x150xCR0.5 TISINOS Coating	6	0.5	6	16	150	14126
	K4DHSR0601606150	10X6	SC DHSR 4F 6x6x16x150xCR1 TISINOS Coating	6	1.0	6	16	150	14126
	K4DHSR0802008150	05X6	SC DHSR 4F 8x8x20x150xCR0.5 TISINOS Coating	8	0.5	8	20	150	19589
	K4DHSR0802008150	10X6	SC DHSR 4F 8x8x20x150xCR1 TISINOS Coating	8	1.0	8	20	150	19589
	K4DHSR1002510150	05X6	SC DHSR 4F 10x10x25x150xCR0.5 TISINOS Coating	10	0.5	10	25	150	27479
	K4DHSR1002510150	10X6	SC DHSR 4F 10x10x25x150xCR1 TISINOS Coating	10	1.0	10	25	150	27479
	K4DHSR1203012150	10X6	SC DHSR 4F 12x12x30x150xCR1 TISINOS Coating	12	1.0	12	30	150	46704
	K4DHSR1203012150	20X6	SC DHSR 4F 12x12x30x150xCR2 TISINOS Coating	12	2.0	12	30	150	46704
					0009	TISINOS COATED			
					00L9	TISINOS COATED			
					00X9	TISINOS COATED			

	MC - 55					
	MICRO GRAIN SOLID CARBIDE CENTRE DRILLS DIMENSIONS ACCORDING TO : IS : 6708 – 1977 CENTRE DRILL TYPE : Type A Point Angle : 120°					
	Pilot Dia	Body Dia	OAL	List price		
	mm - k12	mm - h9	mm	Uncoated	Coated	
K56610315	1	3.15	32	5354	6266	
K56612315	1.25	3.15	32	5354	6266	
K56620500	2.00	5.00	40	5449	6384	
K56631800	3.15	8.00	50	9522	11149	
K56640100	4	10.00	56	14144	15975	
K56650125	5.00	12.50	63	22065	24328	
K56680200	8.00	20.00	80	47837	53275	
	MICRO GRAIN SOLID CARBIDE CENTRE DRILLS DIMENSIONS ACCORDING TO: BS 328 / Part 2 / 1950 CENTRE DRILL TYPE : Type A Point Angle : 120°					
	C	Pilot Dia	Body Dia	OAL	List price	
	NO	Inch	Inch	Inch	Uncoated	Coated
K56620116	2	1/16	3/16	1-3/4	5366	6303
K56630332	3	3/32	1/4	2	8036	9673
K56640180	4	1/8	5/16	2-1/4	9522	11152
K56650316	5	3/16	7/16	2-1/2	20291	22122
K56660140	6	1/4	5/8	3	30128	32388
K56670516	7	5/16	3/4	3-1/2	46831	52269
				0000	UNCOATED	
				0001	TIN COATED	
				0003	TIALN COATED	

	MC - 55						
	MICRO GRAIN SOLID CARBIDE CHUCKING REAMER DIMENSIONS ACCORDING TO : IS 5446 – 1978 / BS 328 TYPE : Straight Helix						
Itemcode	Dia	Shank Dia	CEL	OAL	No. of Flutes	LIST PRICE	
						Uncoated	Coated
K43600300	3.0	3.0	15	61	4	3890	5028
K43600400	4.0	4.0	19	75	4	4119	5324
K43600500	5.0	5.0	23	86	4	4577	5912
K43600550	5.5	5.6	26	93	4	5398	6740
K43600600	6.0	5.6	26	93	6	6340	7792
K43600650	6.5	6.3	28	101	6	7080	9421
K43600700	7.0	7.1	31	109	6	9441	11783
K43600750	7.5	7.1	31	109	6	10085	12424
K43600800	8.0	8.0	33	117	6	11232	13574
K43600850	8.5	8.0	33	117	6	11343	13679
K43600900	9.0	9.0	36	125	6	15032	17374
K43600950	9.5	9.0	36	125	6	16111	18455
K43601000	10.0	10.0	38	133	6	18475	23659
K43601050	10.5	10.0	38	133	6	19376	24563
K43601100	11.0	10.0	41	142	6	22622	27822
K43601150	11.5	10.0	41	142	6	23800	28986
K43601200	12.0	10.0	44	151	6	27017	32204
K43601250	12.5	10.0	44	151	6	28701	35167
K43601300	13.0	10.0	44	151	6	29975	36447
K43601350	13.5	12.5	47	160	6	32840	39314
K43601400	14.0	12.5	47	160	8	35373	41837
K43601450	14.5	12.5	50	162	8	41201	47670
K43601500	15.0	12.5	50	162	8	42238	48707

K43601550	15.5	12.5	52	170	8	45840	52309
K43601600	16.0	12.5	52	170	8	46001	52470
					0000	UNCOATED	
					0001	TIN COATED	
					0003	TIALN COATED	