

NEW



W-STAR DRILL

FROM £11.56

**SOLID CARBIDE HIGH PERFORMANCE DRILLING ON
STEEL, STAINLESS STEEL & CAST IRON**



W-STAR STUB DRILL

COATED CARBIDE MULTI-PURPOSE W-STAR STUB DRILL, 3XD

- Low cutting load due to special web-thinning geometry
- High rigidity and good chip evacuation from the optimally designed flute.
- Exceptional high performance cutting in steels <HRc40, stainless steel & cast iron.



from
£11.56

KORLOY

Dia	Shank	Flute Length	Overall Length	Order Code	Net Price	Dia	Shank	Flute Length	Overall Length	Order Code	Net Price	Dia	Shank	Flute Length	Overall Length	Order Code	Net Price
1	3	5	38	WSDP010-3D	£12.75	5.1	6	24	62	WSDP051-3D	£16.07	9.2	10	47	89	WSDP092-3D	£34.36
1.1	3	6	42	WSDP011-3D	£12.75	5.2	6	28	66	WSDP052-3D	£16.07	9.3	10	47	89	WSDP093-3D	£34.36
1.2	3	6	42	WSDP012-3D	£12.75	5.3	6	28	66	WSDP053-3D	£16.07	9.4	10	47	89	WSDP094-3D	£34.36
1.3	3	6	42	WSDP013-3D	£12.75	5.4	6	28	66	WSDP054-3D	£16.07	9.5	10	47	89	WSDP095-3D	£34.36
1.4	3	7	42	WSDP014-3D	£12.75	5.5	6	28	66	WSDP055-3D	£16.07	9.6	10	47	89	WSDP096-3D	£34.36
1.5	3	7	42	WSDP015-3D	£12.75	5.6	6	28	66	WSDP056-3D	£16.07	9.7	10	47	89	WSDP097-3D	£34.36
1.6	3	8	42	WSDP016-3D	£12.75	5.7	6	28	66	WSDP057-3D	£16.07	9.8	10	47	89	WSDP098-3D	£34.36
1.7	3	8	42	WSDP017-3D	£12.75	5.8	6	28	66	WSDP058-3D	£16.07	9.9	10	47	89	WSDP099-3D	£34.36
1.8	3	9	42	WSDP018-3D	£12.75	5.9	6	28	66	WSDP059-3D	£16.07	10	10	47	89	WSDP100-3D	£34.36
1.9	3	9	42	WSDP019-3D	£12.75	6	6	28	66	WSDP060-3D	£16.07	10.1	11	47	89	WSDP101-3D	£39.71
2	3	10	50	WSDP020-3D	£11.56	6.1	7	30	66	WSDP061-3D	£19.93	10.2	11	51	95	WSDP102-3D	£39.71
2.1	3	10	50	WSDP021-3D	£11.56	6.2	7	34	74	WSDP062-3D	£19.93	10.3	11	51	95	WSDP103-3D	£39.71
2.2	3	11	50	WSDP022-3D	£11.56	6.3	7	34	74	WSDP063-3D	£19.93	10.4	11	51	95	WSDP104-3D	£39.71
2.3	3	11	50	WSDP023-3D	£11.56	6.4	7	34	74	WSDP064-3D	£19.93	10.5	11	51	95	WSDP105-3D	£39.71
2.4	3	12	50	WSDP024-3D	£11.56	6.5	7	34	74	WSDP065-3D	£19.93	10.6	11	51	95	WSDP106-3D	£39.71
2.5	3	12	50	WSDP025-3D	£11.56	6.6	7	34	74	WSDP066-3D	£19.93	10.7	11	51	95	WSDP107-3D	£39.71
2.6	3	12	50	WSDP026-3D	£11.56	6.7	7	37	74	WSDP067-3D	£19.93	10.8	11	51	95	WSDP108-3D	£39.71
2.7	3	14	50	WSDP027-3D	£11.56	6.8	7	37	74	WSDP068-3D	£19.93	10.9	11	51	95	WSDP109-3D	£39.71
2.8	3	14	50	WSDP028-3D	£11.56	6.9	7	37	74	WSDP069-3D	£19.93	11	11	51	95	WSDP110-3D	£39.71
2.9	3	14	50	WSDP029-3D	£11.56	7	7	37	74	WSDP070-3D	£19.93	11.1	12	51	95	WSDP111-3D	£45.80
3	3	14	55	WSDP030-3D	£11.56	7.1	8	37	74	WSDP071-3D	£23.56	11.2	12	54	102	WSDP112-3D	£45.80
3.1	4	16	55	WSDP031-3D	£11.56	7.2	8	40	79	WSDP072-3D	£23.56	11.3	12	54	102	WSDP113-3D	£45.80
3.2	4	16	55	WSDP032-3D	£11.56	7.3	8	40	79	WSDP073-3D	£23.56	11.4	12	54	102	WSDP114-3D	£45.80
3.3	4	16	55	WSDP033-3D	£11.56	7.4	8	40	79	WSDP074-3D	£23.56	11.5	12	54	102	WSDP115-3D	£45.80
3.4	4	16	55	WSDP034-3D	£11.56	7.5	8	40	79	WSDP075-3D	£23.56	11.6	12	54	102	WSDP116-3D	£45.80
3.5	4	16	55	WSDP035-3D	£11.56	7.6	8	40	79	WSDP076-3D	£23.56	11.7	12	54	102	WSDP117-3D	£45.80
3.6	4	18	55	WSDP036-3D	£11.56	7.7	8	40	79	WSDP077-3D	£23.56	11.8	12	54	102	WSDP118-3D	£45.80
3.7	4	18	55	WSDP037-3D	£11.56	7.8	8	40	79	WSDP078-3D	£23.56	11.9	12	54	102	WSDP119-3D	£45.80
3.8	4	20	55	WSDP038-3D	£11.56	7.9	8	40	79	WSDP079-3D	£23.56	12	12	54	102	WSDP120-3D	£45.80
3.9	4	20	55	WSDP039-3D	£11.56	8	8	40	79	WSDP080-3D	£23.56	12.1	13	54	102	WSDP121-3D	£58.02
4	4	20	55	WSDP040-3D	£11.56	8.1	9	40	79	WSDP081-3D	£27.85	12.2	13	57	102	WSDP122-3D	£58.02
4.1	5	20	55	WSDP041-3D	£13.18	8.2	9	43	84	WSDP082-3D	£27.85	12.3	13	57	102	WSDP123-3D	£58.02
4.2	5	20	62	WSDP042-3D	£13.18	8.3	9	43	84	WSDP083-3D	£27.85	12.4	13	57	102	WSDP124-3D	£58.02
4.3	5	22	62	WSDP043-3D	£13.18	8.4	9	43	84	WSDP084-3D	£27.85	12.5	13	57	102	WSDP125-3D	£58.02
4.4	5	22	62	WSDP044-3D	£13.18	8.5	9	43	84	WSDP085-3D	£27.85	12.6	13	57	102	WSDP126-3D	£58.02
4.5	5	22	62	WSDP045-3D	£13.18	8.6	9	43	84	WSDP086-3D	£27.85	12.7	13	57	102	WSDP127-3D	£58.02
4.6	5	22	62	WSDP046-3D	£13.18	8.7	9	43	84	WSDP087-3D	£27.85	12.8	13	57	102	WSDP128-3D	£58.02
4.7	5	22	62	WSDP047-3D	£13.18	8.8	9	43	84	WSDP088-3D	£27.85	12.9	13	57	102	WSDP129-3D	£58.02
4.8	5	24	62	WSDP048-3D	£13.18	8.9	9	43	84	WSDP089-3D	£27.85	13	13	57	102	WSDP130-3D	£58.02
4.9	5	24	62	WSDP049-3D	£13.18	9	9	43	84	WSDP090-3D	£27.85						
5	5	24	62	WSDP050-3D	£13.18	9.1	10	43	84	WSDP091-3D	£34.36						



PRIME-X
MACHINE TAPS



UP TO 50% HIGHER TAPPING SPEEDS THAN HSS!

W-STAR JOBBER DRILL

COATED CARBIDE MULTI-PURPOSE W-STAR JOBBER DRILL, 5XD

- Low cutting load due to special web-thinning geometry
- High rigidity and good chip evacuation from the optimally designed flute.
- Exceptional high performance cutting in steels <HRc40, stainless steel & cast iron.



from
£13.36

KORLOY

Dia	Shank	Flute Length	Overall Length	Order Code	Net Price	Dia	Shank	Flute Length	Overall Length	Order Code	Net Price	Dia	Shank	Flute Length	Overall Length	Order Code	Net Price
1	3	8	38	WSDP010-5D	£13.36	6.6	7	42	75	WSDP066-5D	£20.93	12.2	13	63	102	WSDP122-5D	£60.93
1.1	3	9	42	WSDP011-5D	£13.36	6.7	7	42	75	WSDP067-5D	£20.93	12.3	13	63	102	WSDP123-5D	£60.93
1.2	3	10	42	WSDP012-5D	£13.36	6.8	7	42	75	WSDP068-5D	£20.93	12.4	13	63	102	WSDP124-5D	£60.93
1.3	3	10	42	WSDP013-5D	£13.36	6.9	7	42	75	WSDP069-5D	£20.93	12.5	13	63	102	WSDP125-5D	£60.93
1.4	3	11	42	WSDP014-5D	£13.36	7	7	42	75	WSDP070-5D	£20.93	12.6	13	63	102	WSDP126-5D	£60.93
1.5	3	11	42	WSDP015-5D	£13.36	7.1	8	42	75	WSDP071-5D	£24.75	12.7	13	63	102	WSDP127-5D	£60.93
1.6	3	12	42	WSDP016-5D	£13.36	7.2	8	46	80	WSDP072-5D	£24.75	12.8	13	63	102	WSDP128-5D	£60.93
1.7	3	12	42	WSDP017-5D	£13.36	7.3	8	46	80	WSDP073-5D	£24.75	12.9	13	63	102	WSDP129-5D	£60.93
1.8	3	13	42	WSDP018-5D	£13.36	7.4	8	46	80	WSDP074-5D	£24.75	13	13	63	102	WSDP130-5D	£60.93
1.9	3	13	42	WSDP019-5D	£13.36	7.5	8	46	80	WSDP075-5D	£24.75	13.1	14	63	102	WSDP131-5D	£67.33
2	3	18	50	WSDP020-5D	£13.36	7.6	8	46	80	WSDP076-5D	£24.75	13.2	14	65	107	WSDP132-5D	£67.33
2.1	3	18	50	WSDP021-5D	£13.36	7.7	8	46	80	WSDP077-5D	£24.75	13.3	14	65	107	WSDP133-5D	£67.33
2.2	3	18	50	WSDP022-5D	£13.36	7.8	8	46	80	WSDP078-5D	£24.75	13.4	14	65	107	WSDP134-5D	£67.33
2.3	3	18	50	WSDP023-5D	£13.36	7.9	8	46	80	WSDP079-5D	£24.75	13.5	14	65	107	WSDP135-5D	£67.33
2.4	3	18	50	WSDP024-5D	£13.36	8	8	46	80	WSDP080-5D	£24.75	13.6	14	65	107	WSDP136-5D	£67.33
2.5	3	18	50	WSDP025-5D	£13.36	8.1	9	46	80	WSDP081-5D	£29.24	13.7	14	65	107	WSDP137-5D	£67.33
2.6	3	18	50	WSDP026-5D	£13.36	8.2	9	50	85	WSDP082-5D	£29.24	13.8	14	65	107	WSDP138-5D	£67.33
2.7	3	18	50	WSDP027-5D	£13.36	8.3	9	50	85	WSDP083-5D	£29.24	13.9	14	65	107	WSDP139-5D	£67.33
2.8	3	18	50	WSDP028-5D	£13.36	8.4	9	50	85	WSDP084-5D	£29.24	14	14	65	107	WSDP140-5D	£67.33
2.9	3	18	50	WSDP029-5D	£13.36	8.5	9	50	85	WSDP085-5D	£29.24	14.1	15	65	107	WSDP141-5D	£76.96
3	3	20	55	WSDP030-5D	£13.36	8.6	9	50	85	WSDP086-5D	£29.24	14.2	15	67	111	WSDP142-5D	£76.96
3.1	4	20	55	WSDP031-5D	£13.67	8.7	9	50	85	WSDP087-5D	£29.24	14.3	15	67	111	WSDP143-5D	£76.96
3.2	4	20	55	WSDP032-5D	£13.67	8.8	9	50	85	WSDP088-5D	£29.24	14.4	15	67	111	WSDP144-5D	£76.96
3.3	4	20	55	WSDP033-5D	£13.67	8.9	9	50	85	WSDP089-5D	£29.24	14.5	15	67	111	WSDP145-5D	£76.96
3.4	4	20	55	WSDP034-5D	£13.67	9	9	50	85	WSDP090-5D	£29.24	14.6	15	67	111	WSDP146-5D	£76.96
3.5	4	20	55	WSDP035-5D	£13.67	9.1	10	50	85	WSDP091-5D	£36.11	14.7	15	67	111	WSDP147-5D	£76.96
3.6	4	25	55	WSDP036-5D	£13.67	9.2	10	55	90	WSDP092-5D	£36.11	14.8	15	67	111	WSDP148-5D	£76.96
3.7	4	25	55	WSDP037-5D	£13.67	9.3	10	55	90	WSDP093-5D	£36.11	14.9	15	67	111	WSDP149-5D	£76.96
3.8	4	25	55	WSDP038-5D	£13.67	9.4	10	55	90	WSDP094-5D	£36.11	15	15	67	111	WSDP150-5D	£76.96
3.9	4	25	55	WSDP039-5D	£13.67	9.5	10	55	90	WSDP095-5D	£36.11	15.1	16	67	111	WSDP151-5D	£82.56
4	4	25	55	WSDP040-5D	£13.67	9.6	10	55	90	WSDP096-5D	£36.11	15.2	16	69	115	WSDP152-5D	£82.56
4.1	5	25	55	WSDP041-5D	£13.82	9.7	10	55	90	WSDP097-5D	£36.11	15.4	16	69	115	WSDP154-5D	£82.56
4.2	5	33	63	WSDP042-5D	£13.82	9.8	10	55	90	WSDP098-5D	£36.11	15.5	16	69	115	WSDP155-5D	£82.56
4.3	5	33	63	WSDP043-5D	£13.82	9.9	10	55	90	WSDP099-5D	£36.11	15.6	16	69	115	WSDP156-5D	£82.56
4.4	5	33	63	WSDP044-5D	£13.82	10	10	55	90	WSDP100-5D	£36.11	15.7	16	69	115	WSDP157-5D	£82.56
4.5	5	33	63	WSDP045-5D	£13.82	10.1	11	55	90	WSDP101-5D	£41.67	15.8	16	69	115	WSDP158-5D	£82.56
4.6	5	33	63	WSDP046-5D	£13.82	10.2	11	57	95	WSDP102-5D	£41.67	16	16	69	115	WSDP160-5D	£82.56
4.7	5	33	63	WSDP047-5D	£13.82	10.3	11	57	95	WSDP103-5D	£41.67	16.1	17	69	115	WSDP161-5D	£94.60
4.8	5	33	63	WSDP048-5D	£13.82	10.4	11	57	95	WSDP104-5D	£41.67	16.3	17	71	119	WSDP163-5D	£94.60
4.9	5	33	63	WSDP049-5D	£13.82	10.5	11	57	95	WSDP105-5D	£41.67	16.5	17	71	119	WSDP165-5D	£94.60
5	5	33	63	WSDP050-5D	£13.82	10.6	11	57	95	WSDP106-5D	£41.67	17	17	71	119	WSDP170-5D	£94.60
5.1	6	33	63	WSDP051-5D	£16.85	10.7	11	57	95	WSDP107-5D	£41.67	17.1	18	71	119	WSDP171-5D	£120.24
5.2	6	36	66	WSDP052-5D	£16.85	10.8	11	57	95	WSDP108-5D	£41.67	17.2	18	74	123	WSDP172-5D	£120.24
5.3	6	36	66	WSDP053-5D	£16.85	10.9	11	57	95	WSDP109-5D	£41.67	17.5	18	74	123	WSDP175-5D	£120.24
5.4	6	36	66	WSDP054-5D	£16.85	11	11	57	95	WSDP110-5D	£41.67	17.7	18	74	123	WSDP177-5D	£120.24
5.5	6	36	66	WSDP055-5D	£16.85	11.1	12	57	95	WSDP111-5D	£48.11	17.8	18	74	123	WSDP178-5D	£120.24
5.6	6	36	66	WSDP056-5D	£16.85	11.2	12	63	102	WSDP112-5D	£48.11	18	18	74	123	WSDP180-5D	£120.24
5.7	6	36	66	WSDP057-5D	£16.85	11.3	12	63	102	WSDP113-5D	£48.11	18.1	19	74	123	WSDP181-5D	£140.38
5.8	6	36	66	WSDP058-5D	£16.85	11.4	12	63	102	WSDP114-5D	£48.11	18.2	19	76	127	WSDP182-5D	£140.38
5.9	6	36	66	WSDP059-5D	£16.85	11.5	12	63	102	WSDP115-5D	£48.11	18.5	19	76	127	WSDP185-5D	£140.38
6	6	36	66	WSDP060-5D	£16.85	11.6	12	63	102	WSDP116-5D	£48.11	19	19	76	127	WSDP190-5D	£140.38
6.1	7	36	66	WSDP061-5D	£20.93	11.7	12	63	102	WSDP117-5D	£48.11	19.1	20	76	127	WSDP191-5D	£152.31
6.2	7	42	75	WSDP062-5D	£20.93	11.8	12	63	102	WSDP118-5D	£48.11	19.5	20	80	131	WSDP195-5D	£152.31
6.3	7	42	75	WSDP063-5D	£20.93	11.9	12	63	102	WSDP119-5D	£48.11	19.7	20	80	131	WSDP197-5D	£152.31
6.4	7	42	75	WSDP064-5D	£20.93	12	12	63	102	WSDP120-5D	£48.11	20	20	80	131	WSDP200-5D	£152.31
6.5	7	42	75	WSDP065-5D	£20.93	12.1	13	63	102	WSDP121-5D	£60.93						

W-STAR CUTTING DATA

Workpiece			Hardness (HB)	Grade	vc (m/min)	Feed Rate (mm/rev) per drill dia. (mm)				
ISO	Workpiece Material					Ø2.5 - 4.0	Ø4.1 - 8.0	Ø8.1 - 12.0	Ø12.1 - 16.0	Ø16.1 - 20.0
P	Carbon Steel	Low Carbon Steel	80 - 120	PC320W	72 (64 - 120)	0.08 - 0.12	0.13 - 0.19	0.16 - 0.24	0.20 - 0.29	0.24 - 0.32
		High Carbon Steel	Over 250	PC320W	40 (32 - 64)	0.06 - 0.16	0.06 - 0.16	0.08 - 0.20	0.12 - 0.20	0.12 - 0.24
	Alloy Steel	Low Alloy Steel	140 - 260	PC320W	72 (64 - 120)	0.08 - 0.12	0.13 - 0.19	0.16 - 0.24	0.20 - 0.29	0.24 - 0.32
		Heat-Treated Low Alloy Steel	200 - 400	PC320W	48 (40 - 80)	0.08 - 0.12	0.13 - 0.19	0.16 - 0.24	0.20 - 0.29	0.24 - 0.32
		High Alloy Steel	50 - 260	PC320W	40 (32 - 64)	0.06 - 0.16	0.06 - 0.16	0.08 - 0.20	0.12 - 0.20	0.12 - 0.24
		Heat-Treated High Alloy Steel	Over 250	PC320W	40 (32 - 64)	0.06 - 0.16	0.06 - 0.16	0.08 - 0.20	0.12 - 0.20	0.12 - 0.24
M	Stainless Steel	Austenite Series	135 - 275	PC320W	36 (20 - 64)	0.04 - 0.16	0.04 - 0.16	0.08 - 0.20	0.08 - 0.20	0.12 - 0.24
		Ferrite Series Martensite Series	135 - 275	PC320W	40 (24 - 64)	0.04 - 0.16	0.04 - 0.16	0.08 - 0.20	0.08 - 0.20	0.12 - 0.24
K	Cast Iron	Gray Cast Iron	150 - 230	PC320W	80 (64 - 120)	0.08 - 0.12	0.13 - 0.19	0.16 - 0.24	0.20 - 0.29	0.24 - 0.32
		Ductile Cast Iron	160 - 260	PC320W	72 (56 - 112)	0.08 - 0.12	0.13 - 0.19	0.16 - 0.24	0.20 - 0.29	0.24 - 0.32

ORDER YOUR W-STAR DRILL TODAY

Here's a few reasons why Cutwel should be your number 1 choice:

✓ OVER 100,000 TOOLS AVAILABLE

Whether milling, drilling, turning, threading or anything else in-between our huge range of tooling solutions have you covered.

✓ FREE NEXT DAY DELIVERY

On orders over £59 ex vat you can get the tools you need, when you need them with over £4.5m worth stocked on site.

✓ EXPERT TECHNICAL ADVICE

Our tech team are on hand to provide industry leading support on problem solving and recommendations to save you time and money.

✓ EXCEPTIONAL CUSTOMER SERVICE

All our team are trained on the entire product range so we can support any requirements you have quickly and accurately.

✓ WORLD LEADING PARTNERS

We carefully select our partners to bring you a high quality, comprehensive range of tooling at competitive prices.