

Tungsten carbide wire dies



Standard W series round core TC nibs specification(mm)

JIS types	Nib		Case		Reduction angle	Grade Cobalt	Hole size	
	Nib OD	Nib height	Case OD	Case height			Minimum hole	Recommended Max hole
	d2	h2	d3	h3	2α		d1	d1
W101	6	4	24	7	12° or 16°	6% or 8%	0.1	0.6
W102	9	6	24	12	12° or 16°	6% or 8%	0.2	1
W103	12	8	30	15	12° or 16°	8% or 12%	0.5	1.6
W104	15	10	42	20	12° or 16°	8% or 12%	1	2.6
W105	20	14	55	24	16°	8% or 12%	2	5.5
W106	25	18	60	28	16°	8% or 12%	5	10
W107	30	22	70	35	16°	8% or 12%	6	13
W108	35	25	85	40	16°	8% or 12%	8	14
W109	40	27	100	45	16°	8% or 12%	12	16
W110	50	30	125	50	16°	8% or 12%	16	26
W111	60	35	145	60	16°	8% or 12%	22	38
W112	70	40	175	70	22°	12% or 15%	31	46
W113	80	45	195	80	22°	12% or 15%	38	54
W114	90	50	215	90	22°	12% or 15%	47	63
W115	100	50	230	90	30°	12% or 15%	56	76
W116	110	50	230	90	30°	12% or 15%	68	90
W117	120	55	250	100	30°	12% or 15%	75	102
W118	130	55	275	100	30°	12% or 15%	82	110
W119	140	60	295	110	30°	12% or 15%	88	116
W120	150	60	315	110	30°	12% or 15%	90	122

14

Non-standard nib size, case size, angle, grade cobalt can be ordered upon request.

