

## HSS twist drills

### 77005

#### FUNCTIONS

- Nose angle 135° with chamfering adjustment - enables to make holes quickly, saving time when punching
- Drills made entirely by grinding - they guarantee high precision and straightness of openings, with efficiency several times higher than for cylindrical or precision ground drills
- Material - high-grade high-speed steel, refined
- Improved abrasion resistance
- Improved resilience and torsional strength
- Packed and sold in a plastic tube, rectangular, dimensions 0.5 - 8.0 mm 10 pcs each.; dimensions 8.1 - 13.0 mm 5 pcs. each; dimensions 13.5 - 20.0 mm 1 pc each

#### TECHNICAL DATA

Product Code	Qty of wheels	L total (mm)	Diameter (mm)
77005	6	22	0.5
77008	10	30	0.8
77010	12	34	1
77011	14	36	1.1
77012	16	38	1.2
77013	16	38	1.3
77015	18	40	1.5
77016	20	43	1.6
77018	22	46	1.8
77019	22	46	1.9
77020	24	49	2
77021	24	49	2.1
77022	27	53	2.2
77023	27	53	2.3
77024	30	57	2.4
77025	30	57	2.5
77026	30	57	2.6
77027	33	61	2.7
77028	33	61	2.8
77029	33	61	2.9
77030	33	61	3
77031	36	65	3.1

77032	36	65	3.2
77033	36	65	3.3
77034	39	70	3.4
77035	39	70	3.5
77036	39	70	3.6
77037	39	70	3.7
77038	43	75	3.8
77039	43	75	3.9
77040	43	75	4
77041	43	75	4.1
77042	43	75	4.2
77043	47	80	4.3
77044	47	80	4.4
77045	47	80	4.5
77046	47	80	4.6
77047	47	80	4.7
77048	52	80	4.8
77049	52	86	4.9
77050	52	86	5
77051	52	86	5.1
77052	52	86	5.2
77053	52	86	5.3
77054	57	93	5.4
77055	57	93	5.5
77056	57	93	5.6
77057	57	93	5.7
77058	57	93	5.8
77059	57	93	5.9
77060	57	93	6
77061	63	101	6.1
77062	63	101	6.2
77063	63	101	6.3
77064	63	101	6.4
77065	63	101	6.5
77066	63	101	6.6
77067	63	101	6.7
77068	69	109	6.8
77069	69	109	6.9
77070	69	109	7
77071	69	109	7.1
77072	69	109	7.2

77073	69	109	7.3
77074	69	109	7.4
77075	69	109	7.5
77076	75	117	7.6
77077	75	117	7.7
77078	75	117	7.8
77079	75	117	7.9
77080	75	117	8
77081	75	117	8.1
77082	75	117	8.199999999999999
77083	75	117	8.300000000000001
77084	75	117	8.4
77085	75	117	8.5
77086	81	125	8.6
77087	81	125	8.699999999999999
77088	81	125	8.800000000000001
77089	81	125	8.9
77090	81	125	9
77091	81	125	9.1
77092	81	125	9.199999999999999
77093	81	125	9.300000000000001
77094	81	125	9.4
77095	81	125	9.5
77096	87	133	9.6
77097	87	133	9.699999999999999
77098	87	133	9.800000000000001
77099	87	133	9.9
77100	87	133	10
77102	87	133	10.2
77105	87	133	10.5
77110	94	142	11
77115	94	142	11.5
77120	101	151	12
77125	101	151	12.5
77130	101	151	13
77135	108	160	13.5
77140	108	160	14
77145	114	169	14.5
77150	114	169	15
77155	120	178	15.5
77160	120	178	16

77165	125	184	16.5
77170	125	184	17
77175	130	191	17.5
77180	130	191	18
77185	135	198	18.5
77190	135	198	19
77195	140	205	19.5
77200	140	205	20