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3001 建工钻
Masonry Drill Bit



- For all concrete, brick and stone applications.
- Effective removal of dust thanks to aggressive tip and spiral design.





Art. 3001-	mm Ø	mm	mm
YY030851	3	45	85
YY040851	4	45	85
YY050951	5	50	95
YY051501	5	110	150
YY052501	5	200	250
YY053001	5	230	300
YY054001	5	250	400
YY055001	5.5	250	500
YY055951	5.5	50	95
YY055151	5.5	110	150
YY061001	6	60	100
YY061501	6	110	150
YY062001	6	130	200
YY063001	6	230	300
YY064001	6	250	400
YY065101	6.5	60	100
YY065151	6.5	110	150
YY065301	6.5	230	300
YY071001	7	60	100
YY071501	7	110	150
YY073001	7	230	300
YY075001	7	250	500
YY081201	8	80	120
YY081501	8	110	150
YY082001	8	130	200
YY083001	8	230	300
YY084001	8	340	400
YY091201	9	80	120
YY101201	10	80	120
YY101501	10	110	150
YY102001	10	135	200
YY103001	10	230	300
YY104001	10	340	400
YY106001	10	400	600
YY121501	12	90	150
YY122001	12	150	200
YY123001	12	230	300
YY124001	12	340	400
YY126001	12	400	600
YY141501	14	90	150
YY142601	14	200	260
YY143001	14	230	300
YY144001	14	340	400
YY161501	16	90	150
YY162001	16	135	200
YY162601	16	200	260
YY163001	16	230	300
YY164001	16	340	400
YY181601	18	100	160
YY201601	20	100	160



3700 多功能建工钻
Allround Universal Drill Bit

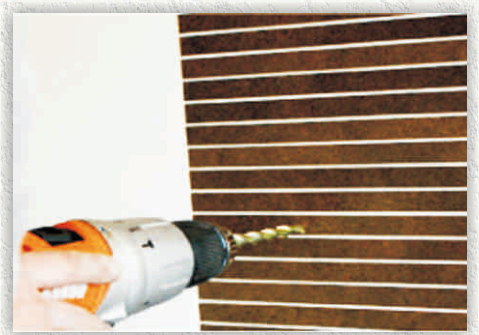
- For general-purpose use in a multitude of materials.
- Also ideal for laminated roof tiles, very hard wood and sandwich materials.
- Extremely accurate drilling thanks to tungsten carbide centre point.
- Easy starting even on smooth surface.





Art. 3700-	mm Ø	mm	mm
YY030851	3	45	85
YY040851	4	45	85
YY050951	5	50	95
YY061001	6	60	100
YY651001	6.5	60	100
YY081201	8	80	120
YY101201	10	80	120
YY121501	12	90	150





3016 削柄水泥钻
Tapcon concrete drill

- 2 Cutter Carbide tipped faster for all concrete, brick applications to fit tapcon drill chuck.
- Effective removal of dust thanks to aggressive tip and spiral design.
- ANSI standard helps to fasteners fixing demands.

Art. 3016-	inch Ø	inch	inch
YY0532312	5/32	2-1/4	3-1/2
YY0532412	5/32	3-1/16	4-1/2
YY0532512	5/32	3-1/2	5-1/2
YY0316312	3/16	2-1/4	3-1/2
YY0316412	3/16	3-1/16	4-1/2
YY0316512	3/16	3-1/2	5-1/2
YY0316612	3/16	3-3/4	6-1/2
YY0316712	3/16	4-3/8	7-1/2



3009 水泥钻
Speed Masonry Drill Bit

- The high speed drill bit, ideal for use with cordless drills
- Rapid removal of drillings thanks to intensive spiral flute design
- Optmized for repetitive applications in brickwork and concrete.



Art. 3009-	mm Ø	mm	mm
YY030601	3	35	60
YY040751	4	50	75
YY045851	4.5	50	85
YY050851	5	55	85
YY055001	5.5	55	100
YY060001	6	65	100
YY065001	6.5	65	100
YY070001	7	65	100
YY075001	7.5	65	100
YY080121	8	80	120
YY090121	9	80	120
YY100121	10	80	120





3006 建工钻
Masonry Drill Bit



- Developed for drilling through hard masonry materials with chuck holding higher torque.
- Exact holes even with long working lengths.
- Extremely long service life thanks to the securely soldered tungsten carbide insert.
- Blast-hardened surface guarantees maximum breaking strength with percussion drilling and on impact with reinforcements.

Art. 3006-	mm Ø	mm	mm
YY081201	8	80	120
YY081501	8	110	150
YY082001	8	130	200
YY083001	8	230	300
YY084001	8	340	400
YY101201	10	80	120
YY101501	10	110	150
YY102001	10	135	200
YY103001	10	230	300
YY104001	10	340	400
YY106001	10	400	600
YY121501	12	90	150
YY122001	12	150	200
YY123001	12	230	300
YY124001	12	340	400
YY126001	12	400	600
YY141501	14	90	150
YY142601	14	200	260
YY143001	14	230	300
YY144001	14	340	400
YY161501	16	90	150
YY162001	16	135	200
YY162601	16	200	260
YY163001	16	230	300
YY164001	16	340	400

Art. 3006-	mm Ø	mm	mm
YY181601	18	100	160
YY184001	18	340	400
YY201601	20	100	160
YY204001	20	340	400
YY222001	22	150	200
YY224001	22	340	400
YY252001	25	150	200
YY254001	25	340	400



2011 四坑圆柄电锤凿
Hammer chisel SDS-plus

- For all concrete, brick and stone applications.
- The right chisel every time for large-scale demolition work or precise mortising.
- Long service life thanks to low-wear tool steel and special hardening techniques.
- Robust, re-sharpenable design





Art. 2011-	Width mm	mm	mm
YY0014250	Point	Round 14	250
YY0014280	Point	Round 14	280
YY0014150	Point	Round 14	150
YY2014250	Flat, 20	Round 14	250
YY2014280	Flat, 20	Round 14	280
YY2014150	Flat, 20	Round 14	150
YY4014250	Spade, 40	Round 14	250
YY4014280	Spade, 40	Round 14	280
YY4014150	Spade, 40	Round 14	150
YY2514250	Gouge, 22-25	Round 14	250
YY2514280	Gouge, 22-25	Round 14	280
YY5014280	Tile, 50	Round 14	250



Point



Flat



Spade



Gouge

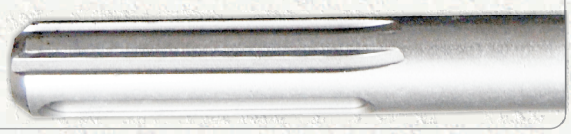


Tile



2511 五坑圆柄电锤凿
Hammer chisel SDS-max

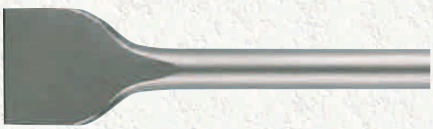
- For all concrete, brick and stone applications.
- The right chisel every time for large-scale demolition work or the specific removal of stone.
- Long service life thanks to wear-resistant tool steel and specially developed technique of hardening by blasting.
- Robust, re-sharpenable design





Art. 2511-	Width mm	mm	mm
YY0018280	Point	Round 18	280
YY0018400	Point	Round 18	400
YY0018540	Point	Round 18	540
YY2518280	Flat, 25	Round 18	280
YY2518400	Flat, 25	Round 18	400
YY2518540	Flat, 25	Round 18	540
YY5018400	Spade, 50	Round 18	400
YY8018300	Spade, 80	Round 18	300
YY2618300	Gouge, 26	Round 18	300
YY2618540	Gouge, 26	Round 18	540
YY5018300	Tile, 50	Round 18	300

Spade
For the universal removal of material on a large scale



Gouge
For drawing narrow channels in concrete &brickwork



Point
For laying lines and for all chisel/demolition work and penetration



Flat
For the specific breaking up of material and all chisel/ demolition work and penetration



Tile
For removing tiles



6010 镶合金陶瓷钻
TCT spear porcelain drill bit



PATENTED

- Step tip shape design of carbide for extreme rough tile, ceramics and porcelain drilling.
- Constant sharpness is kept while drilling thanks to step cutting edge designs.
- Precision cutting holes without cracked edges to keep whole process smooth.

Art. 6010-	mm Ø	inch Ø	mm	
YY03065	3	1/8"	65	10
YY04065	4	5/32"	65	10
YY05070	5	3/16"	70	10
YY05575	5.5	7/32"	75	10
YY06075	6	15/64"	75	10
YY06580	6.5	1/4"	80	10
YY07080	7	9/32"	80	10
YY08080	8	5/16"	80	10
YY09100	9	23/64"	100	10
YY10100	10	25/64"	100	10
YY11100	11	7/16"	100	10
YY12100	12	15/32"	100	10
YY13100	13	1/2"	100	10
YY14100	14	9/16"	100	10
YY15100	15	19/32"	100	10
YY16100	16	5/8"	100	10
YY18100	18	23/32"	100	10
YY20100	20	25/32"	100	10





6011 1/4"快换六角柄镶合金陶瓷钻
TCT spear porcelain drill bit w/1/4"Quick change hex shank



PATENTED

- Step tip shape design of carbide for extreme rough tile, ceramics and porcelain drilling.
- Constant sharpness is kept while drilling thanks to step cutting edge designs.
- Precision cutting holes without cracked edges to keep whole process smooth. To fit DIN 6.35 E hex shank quick change system.

Art. 6011-	mm Ø	inch Ø	mm	
YY030090	3	1/8"	90	1/4"Quick Change Hex
YY040090	4	5/32"	90	1/4"Quick Change Hex
YY050100	5	3/16"	100	1/4"Quick Change Hex
YY055105	5.5	7/32"	105	1/4"Quick Change Hex
YY060105	6	15/64"	105	1/4"Quick Change Hex
YY065120	6.5	1/4"	120	1/4"Quick Change Hex
YY070120	7	9/32"	120	1/4"Quick Change Hex
YY080120	8	5/16"	120	1/4"Quick Change Hex
YY090120	9	23/64"	120	1/4"Quick Change Hex
YY100120	10	25/64"	120	1/4"Quick Change Hex
YY110120	11	7/16"	120	1/4"Quick Change Hex
YY120120	12	15/32"	120	1/4"Quick Change Hex
YY130120	13	1/2"	120	1/4"Quick Change Hex
YY140120	14	9/16"	120	1/4"Quick Change Hex
YY150120	15	19/32"	120	1/4"Quick Change Hex
YY160120	16	5/8"	120	1/4"Quick Change Hex
YY180120	18	23/32"	120	1/4"Quick Change Hex
YY200120	20	25/32"	120	1/4"Quick Change Hex



6012 镶合金玻璃钻
TCT spear glass&tile drill bit



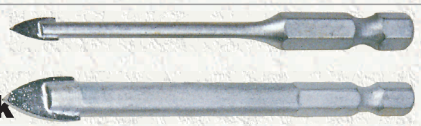
- Precision cutting holes without cracked edges to keep whole process smooth.
- For glass and tile drilling.

Art. 6012-	mm Ø	inch Ø	mm	
YY03060	3	1/8"	60	10
YY04060	4	5/32"	60	10
YY05070	5	3/16"	70	10
YY05575	5.5	7/32"	75	10
YY06075	6	15/64"	75	10
YY06580	6.5	1/4"	80	10
YY07080	7	9/32"	80	10
YY08080	8	5/16"	80	10
YY09100	9	23/64"	100	10
YY10100	10	25/64"	100	10
YY11100	11	7/16"	100	10
YY12100	12	15/32"	100	10
YY13100	13	1/2"	100	10
YY14100	14	9/16"	100	10
YY15100	15	19/32"	100	10
YY16100	16	5/8"	100	10
YY18100	18	23/32"	100	10
YY20100	20	25/32"	100	10





6014 1/4"快换六角柄玻璃钻



TCT spear glass&tile drill bit w/1/4"Quick change hex shank

- For rotary drilling in glass, standard ceramic materials.
- Pointed chisel edge, which can be resharpened at any time, facilitates precise starting.



Art. 6014-	mm Ø	inch Ø	mm	
YY030090	3	1/8"	90	1/4"Quick Change Hex
YY040090	4	5/32"	90	1/4"Quick Change Hex
YY050100	5	3/16"	100	1/4"Quick Change Hex
YY055105	5,5	7/32"	105	1/4"Quick Change Hex
YY060105	6	15/64"	105	1/4"Quick Change Hex
YY065120	6.5	1/4"	120	1/4"Quick Change Hex
YY070120	7	9/32"	120	1/4"Quick Change Hex
YY080120	8	5/16"	120	1/4"Quick Change Hex
YY090120	9	23/64"	120	1/4"Quick Change Hex
YY100120	10	25/64"	120	1/4"Quick Change Hex
YY110120	11	7/16"	120	1/4"Quick Change Hex
YY120120	12	15/32"	120	1/4"Quick Change Hex
YY130120	13	1/2"	120	1/4"Quick Change Hex
YY140120	14	9/16"	120	1/4"Quick Change Hex
YY150120	15	19/32"	120	1/4"Quick Change Hex
YY160120	16	5/8"	120	1/4"Quick Change Hex
YY180120	18	23/32"	120	1/4"Quick Change Hex
YY200120	20	25/32"	120	1/4"Quick Change Hex

6015 十字合金玻璃钻



4Cutter TCT glass&tile drill bit

- Faster and durable for rotary drilling in glass, standard ceramic materials.
- Sharpened chisel edge, which speedy facilitates precise starting.



Art. 6015 -	mm Ø	inch Ø	mm	
YY04060	4	5/32"	60	3.75mm,cylinder
YY05070	5	3/16"	70	4.50mm, cylinder
YY06075	6	15/64"	75	5.50mm, cylinder
YY08080	8	5/16"	80	7.60mm, cylinder
YY10100	10	25/64"	100	9.00mm, cylinder
YY12100	12	15/32"	100	9.98mm, cylinder
YY14100	14	9/16"	100	10.0mm, cylinder
YY16100	16	5/8"	100	10.0mm, cylinder
YY18100	18	23/32"	100	10.0mm, cylinder
YY20120	20	25/32"	120	10.0mm, cylinder
YY22120	22	7/8"	120	13.0mm, cylinder
YY25120	25	1"	120	13.0mm, cylinder

6016 十字合金麻花玻璃钻



4Cutter TCT twist glass&tile drill bit w/1/4" Quick change hex shank

- Faster and durable for rotary drilling in glass, standard ceramic materials.
- Sharpened chisel edge, which speedy facilitates precise starting.



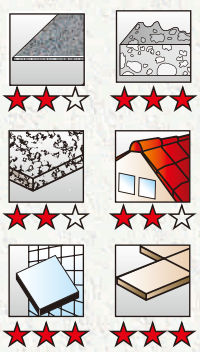
Art. 6016 -	mm Ø	inch Ø	mm	
YY04090	4	5/32"	90	1/4"Quick Change Hex
YY05100	5	3/16"	100	1/4"Quick Change Hex
YY06105	6	15/64"	105	1/4"Quick Change Hex
YY08110	8	5/16"	110	1/4"Quick Change Hex
YY10120	10	25/64"	120	1/4"Quick Change Hex
YY12120	12	15/32"	120	1/4"Quick Change Hex
YY14120	14	9/16"	120	1/4"Quick Change Hex
YY16120	16	5/8"	120	1/4"Quick Change Hex
YY18120	18	23/32"	120	1/4"Quick Change Hex
YY20140	20	25/32"	140	1/4"Quick Change Hex
YY22140	22	7/8"	140	1/4"Quick Change Hex
YY25140	25	1"	140	1/4"Quick Change Hex

6017 镶合金深孔陶瓷钻



TCT spear deep porcelain drill bit

- Faster and durable for rotary drilling in tiles, porcelains, standard ceramic materials.
- Sharpened chisel edge, which speedy facilitates precise starting. Especially for 1 time drilling through holes in the wall with tile&ceramices paved.



Art. 6017 -	mm Ø	inch Ø	mm	mm	
YY04110	4	5/32"	60	110	3.75mm cylinder
YY05110	5	3/16"	60	110	4.50mm cylinder
YY06150	6	15/64"	100	150	5.50mm cylinder
YY08150	8	5/16"	100	150	7.60mm cylinder
YY10150	10	25/64"	100	150	9.00mm cylinder
YY12150	12	15/32"	100	150	9.98mm cylinder
YY14150	14	9/16"	100	150	10.0mm cylinder
YY16150	16	5/8"	100	150	10.0mm cylinder

900 全磨高速钢麻花钻DIN338RN标准,白钻
HSS twist drill bit, M2, DIN338RN, Bright finished

910 全磨高速钢麻花钻DIN338RN标准,镀钛钻
HSS twist drill bit, M2, DIN338RN, Tin-coated

- Ideal for drilling in alloyed and unalloyed steel.
- Precision point to DIN338 RN for outstanding hole dimensional accuracy.
- Split point and 135° point angle for optimum centering when starting.
  High true-running accuracy to DIN1414.

Art. 900-910-	mm Ø	mm	mm
YY3380031	0.3	3	19
YY3380041	0.4	5	20
YY3380051	0.5	6	22
YY3380061	0.6	7	24
YY3380071	0.7	9	28
YY3380081	0.8	10	30
YY3380091	0.9	11	32
YY3380101	1.0	12	34
YY3380111	1.1	14	36
YY3380121	1.2	16	38
YY3380131	1.3	16	38
YY3380141	1.4	18	40
YY3380151	1.5	18	40
YY3380161	1.6	20	43
YY3380171	1.7	20	43
YY3380181	1.8	22	46
YY3380191	1.9	22	46
YY3380201	2.0	24	49
YY3380211	2.1	24	49
YY3380221	2.2	27	53
YY3380231	2.3	27	53
YY3380241	2.4	30	57
YY3380251	2.5	30	57
YY3380261	2.6	30	57
YY3380271	2.7	33	61
YY3380281	2.8	33	61
YY3380291	2.9	33	61
YY3380301	3.0	33	61
YY3380311	3.1	36	65
YY3380321	3.2	36	65
YY3380331	3.3	36	65
YY3380341	3.4	39	70
YY3380351	3.5	39	70
YY3380361	3.6	39	70
YY3380371	3.7	39	70
YY3380381	3.8	43	75
YY3380391	3.9	43	75
YY3380401	4.0	43	75
YY3380411	4.1	43	75
YY3380421	4.2	43	75
YY3380431	4.3	47	80
YY3380441	4.4	47	80
YY3380451	4.5	47	80
YY3380461	4.6	47	80
YY3380471	4.7	47	80
YY3380481	4.8	52	86
YY3380491	4.9	52	86
YY3380501	5.0	52	86
YY3380511	5.1	52	86
YY3380521	5.2	52	86
YY3380531	5.3	52	86
YY3380541	5.4	57	93
YY3380551	5.5	57	93
YY3380561	5.6	57	93
YY3380571	5.7	57	93
YY3380581	5.8	57	93
YY3380591	5.9	57	93
YY3380601	6.0	57	93
YY3380611	6.1	63	101
YY3380621	6.2	63	101
YY3380631	6.3	63	101
YY3380641	6.4	63	101
YY3380651	6.5	63	101
YY3380661	6.6	63	101
YY3380671	6.7	63	101
YY3380681	6.8	69	109
YY3380691	6.9	69	109
YY3380701	7.0	69	109
YY3380711	7.1	69	109
YY3380721	7.2	69	109
YY3380731	7.3	69	109
YY3380741	7.4	69	109
YY3380751	7.5	69	109
YY3380761	7.6	75	117
YY3380771	7.7	75	117
YY3380791	7.9	75	117
YY3380801	8.0	75	117
YY3380811	8.1	75	117
YY3380821	8.2	75	117
YY3380831	8.3	75	117
YY3380841	8.4	75	117
YY3380851	8.5	75	117
YY3380861	8.6	81	125
YY3380871	8.7	81	125
YY3380881	8.8	81	125
YY3380891	8.9	81	125
YY3380901	9.0	81	125
YY3380911	9.1	81	125

Art. 900-910-	mm Ø	mm	mm
YY3380921	9.2	81	125
YY3380931	9.3	81	125
YY3380941	9.4	81	125
YY3380951	9.5	81	125
YY3380961	9.6	87	133
YY3380971	9.7	87	133
YY3380981	9.8	87	133
YY3380991	9.9	87	133
YY3381001	10.0	87	133
YY3381021	10.2	87	133
YY3381051	10.5	87	133
YY3381101	11.0	94	142
YY3381151	11.5	94	142
YY3381201	12.0	101	151
YY3381251	12.5	101	151
YY3381301	13.0	101	151
YY3381351	13.5	108	160
YY3381401	14.0	108	160
YY3381451	14.5	108	160
YY3381501	15.0	108	160
YY3381551	15.5	114	178
YY3381601	16.0	114	178
YY3381651	16.5	125	184
YY3381701	17.0	125	184
YY3381751	17.5	130	191
YY3381801	18.0	130	191
YY3381851	18.5	135	198
YY3381901	19.0	135	198
YY3381951	19.5	140	205
YY3382001	20.0	140	205

Speed&advance

MATERIAL	CUTTING SPEED	SPEED PER MINUTE AT DIAMETER 3mm	4mm	6mm	10mm	16mm	25mm	40mm	COOLING LUBRICANT
Unalloyed structural steel<700N/mm²	30 m/min	3800	2400	1500	1000	600	400	200	Cooling lubricant emulsion
Unalloyed structural steel>700N/mm²	20 m/min	2500	1600	1000	600	400	300	200	Cooling lubricant emulsion
Alloyed steel <1000N/mm²	20 m/min	2500	1600	1000	600	400	300	200	Cooling lubricant emulsion
Cast iron	15 m/min	1900	1200	800	500	300	200	100	Dry (compressed air)
Cu Zn alloys	60 m/min	7600	4800	3000	1900	1200	800	500	Dry (compressed air)
Aluminium alloys	40 m/min	5100	3200	2000	1300	800	500	300	Cooling lubricant emulsion
Thermoplastics	35 m/min	4500	2800	1800	1100	700	400	300	Water (compressed air)
Thermosetting plastics	25 m/min	3200	2000	1300	800	500	300	200	Dry (compressed air)



901 轧制高速钢麻花钻DIN338RN标准,黑钻
HSS twist drill bit, 4241, DIN338RN, Blackoxided

921 轧制高速钢麻花钻DIN338RN标准,白钻
HSS twist drill bit, 4241, DIN338RN, Bright finished

- Ideal for drilling in unalloyed steel.
- Web thinning with 118°point angle for long service life.
- Reliable HSS drill with constant spiral hardness.
- Precision tool to DIN 338 RN.



Art. 901-921-	⌀ mm	mm	mm
YY3380031	0.3	3	19
YY3380041	0.4	5	20
YY3380051	0.5	6	22
YY3380061	0.6	7	24
YY3380071	0.7	9	28
YY3380081	0.8	10	30
YY3380091	0.9	11	32
YY3380101	1.0	12	34
YY3380111	1.1	14	36
YY3380121	1.2	16	38
YY3380131	1.3	16	38
YY3380141	1.4	18	40
YY3380151	1.5	18	40
YY3380161	1.6	20	43
YY3380171	1.7	20	43
YY3380181	1.8	22	46
YY3380191	1.9	22	46
YY3380201	2.0	24	49
YY3380211	2.1	24	49
YY3380221	2.2	27	53
YY3380231	2.3	27	53
YY3380241	2.4	30	57
YY3380251	2.5	30	57
YY3380261	2.6	30	57
YY3380271	2.7	33	61
YY3380281	2.8	33	61
YY3380291	2.9	33	61
YY3380301	3.0	33	61
YY3380311	3.1	36	65
YY3380321	3.2	36	65
YY3380331	3.3	36	65
YY3380341	3.4	39	70
YY3380351	3.5	39	70
YY3380361	3.6	39	70
YY3380371	3.7	39	70
YY3380381	3.8	43	75
YY3380391	3.9	43	75
YY3380401	4.0	43	75
YY3380411	4.1	43	75
YY3380421	4.2	43	75
YY3380431	4.3	47	80
YY3380441	4.4	47	80
YY3380451	4.5	47	80
YY3380461	4.6	47	80
YY3380471	4.7	47	80
YY3380481	4.8	52	86
YY3380491	4.9	52	86
YY3380501	5.0	52	86
YY3380511	5.1	52	86
YY3380521	5.2	52	86
YY3380531	5.3	52	86
YY3380541	5.4	57	93
YY3380551	5.5	57	93
YY3380561	5.6	57	93
YY3380571	5.7	57	93
YY3380581	5.8	57	93
YY3380591	5.9	57	93
YY3380601	6.0	57	93
YY3380611	6.1	63	101
YY3380621	6.2	63	101
YY3380631	6.3	63	101
YY3380641	6.4	63	101
YY3380651	6.5	63	101
YY3380661	6.6	63	101
YY3380671	6.7	63	101
YY3380681	6.8	69	109
YY3380691	6.9	69	109
YY3380701	7.0	69	109
YY3380711	7.1	69	109
YY3380721	7.2	69	109
YY3380731	7.3	69	109
YY3380741	7.4	69	109
YY3380751	7.5	69	109
YY3380761	7.6	75	117
YY3380771	7.7	75	117
YY3380791	7.9	75	117
YY3380801	8.0	75	117
YY3380811	8.1	75	117
YY3380821	8.2	75	117
YY3380831	8.3	75	117
YY3380841	8.4	75	117
YY3380851	8.5	75	117
YY3380861	8.6	81	125
YY3380871	8.7	81	125
YY3380881	8.8	81	125
YY3380891	8.9	81	125
YY3380901	9.0	81	125
YY3380911	9.1	81	125

Art. 901-921-	⌀ mm	mm	mm
YY3380921	9.2	81	125
YY3380931	9.3	81	125
YY3380941	9.4	81	125
YY3380951	9.5	81	125
YY3380961	9.6	87	133
YY3380971	9.7	87	133
YY3380981	9.8	87	133
YY3380991	9.9	87	133
YY3381001	10.0	87	133
YY3381021	10.2	87	133
YY3381051	10.5	87	133
YY3381101	11.0	94	142
YY3381151	11.5	94	142
YY3381201	12.0	101	151
YY3381251	12.5	101	151
YY3381301	13.0	101	151
YY3381351	13.5	108	160
YY3381401	14.0	108	160
YY3381451	14.5	108	160
YY3381501	15.0	108	160
YY3381551	15.5	114	178
YY3381601	16.0	114	178
YY3381651	16.5	125	184
YY3381701	17.0	125	184
YY3381751	17.5	130	191
YY3381801	18.0	130	191
YY3381851	18.5	135	198
YY3381901	19.0	135	198
YY3381951	19.5	140	205
YY3382001	20.0	140	205





902 全磨高速钢麻花钻DIN1897RN标准,白钻
HSS twist drill bit, M2, DIN1897RN, Bright finished
912 全磨高速钢麻花钻DIN1897RN标准,镀钛钻
HSS twist drill bit, M2, DIN1897RN, Tin-coated

- Stub automatic drill and vehicle drill bits.
- Manufactured to DIN 1897.
- Precision ground grooves and diameter for outstanding dimensional accuracy.
- Strengthened web, making them highly resistant to breakage.





Art. 902-912-	mm Ø	mm	mm
YY1897020	2.0	12	38
YY1897021	2.1	12	38
YY1897022	2.2	13	40
YY1897023	2.3	13	40
YY1897024	2.4	14	43
YY1897025	2.5	14	43
YY1897026	2.6	14	43
YY1897027	2.7	16	46
YY1897028	2.8	16	46
YY1897029	2.9	16	46
YY1897030	3.0	16	46
YY1897031	3.1	18	49
YY1897032	3.2	18	49
YY1897033	3.3	18	49
YY1897034	3.4	20	52
YY1897035	3.5	20	52
YY1897036	3.6	20	52
YY1897037	3.7	20	52
YY1897038	3.8	22	55
YY1897039	3.9	22	55
YY1897040	4.0	22	55
YY1897041	4.1	22	55
YY1897042	4.2	22	55
YY1897043	4.3	24	58
YY1897044	4.4	24	58
YY1897045	4.5	24	58
YY1897046	4.6	24	58
YY1897047	4.7	24	58
YY1897048	4.8	26	62
YY1897049	4.9	26	62

Art. 902-912-	mm Ø	mm	mm
YY1897050	5.0	26	62
YY1897051	5.1	26	62
YY1897052	5.2	26	62
YY1897053	5.3	26	62
YY1897054	5.4	26	62
YY1897055	5.5	28	66
YY1897056	5.6	28	66
YY1897057	5.7	28	66
YY1897058	5.8	28	66
YY1897059	5.9	28	66
YY1897060	6.0	28	66
YY1897065	6.5	34	74
YY1897070	7.0	34	74
YY1897075	7.5	34	79
YY1897080	8.0	37	79
YY1897085	8.5	37	84
YY1897090	9.0	40	84
YY1897095	9.5	40	89
YY1897100	10.0	43	89



930 全磨高速钢双头麻花钻,白钻
HSS twist double-ended drill, M2, Bright finished

- Both ends can be used fast change possible.
- Sheet metal drill bits for body shells and metalworking and for tubular rivet holes.
- Precision-ground grooves and diameter for outstanding dimensional accuracy.
- High true-running accuracy.







Art. 930-	mm Ø	mm	mm
YY2220201	2.0	10	38
YY2220251	2.5	10	43
YY2220301	3.0	11	49
YY2220311	3.1	11	49
YY2220321	3.2	11	49
YY2220331	3.3	11	49
YY2220351	3.5	12	52
YY2220401	4.0	14	55
YY2220411	4.1	14	55
YY2220421	4.2	14	55
YY2220451	4.5	16	58
YY2220481	4.8	17	62
YY2220501	5.0	17	62
YY2220511	5.1	17	62
YY2220521	5.2	17	62
YY2220551	5.5	19	66
YY2220601	6.0	19	66

*** Cooling**
Drilling hard materials can cause the tools to overheat. The more the cutting edges wear, the higher the probability that the bit will break. To ensure a long service life it is important to apply a suitable coolant throughout the entire drilling operation.

Technology Tips of HSS Drill

***Removing chips when drilling**
Regularly withdrawing (airing) the drill bit prevents chips from building up in the spiral of the bit. If it is not aired and the chips are not removed, the channel will become blocked and the drill bit will jam and may break.

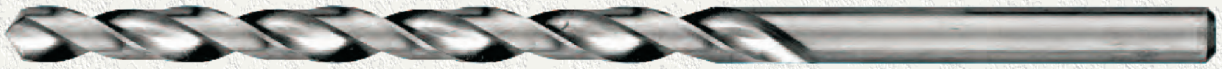
***Guiding the drill bit**
Drilling with a pillar-type drill helps to drill precise holes and keeps the drill bit linear. Drilling with a hand drill requires a very steady hand.

*** Material suitability**
The bits will stay sharp - and the cutting efficiency in metal and plastic will remain high - for a long time with careful use. It is important not to use the tools in ceramic, stone or other materials for which it is not intended.

903 磨制高速钢麻花钻DIN340RN标准,白钻

HSS twist drill bit, M2, DIN340RN, Bright finished

- Ideal for drilling in alloyed and unalloyed steel.
- Precision point to DIN 340 RN for outstanding hole dimensional accuracy.
- Split point and 135°point angle for optimum centering when starting.
- Strengthened web, making them highly resistant to breakage.



Art. 903-	⌀ mm	mm	mm
YY3400031	0,3	33	56
YY3400041	0,4	33	56
YY3400051	0,5	33	56
YY3400061	0.6	33	56
YY3400071	0.7	33	56
YY3400081	0.8	33	56
YY3400091	0.9	33	56
YY3400101	1,0	33	56
YY3400111	1,1	37	60
YY3400121	1,2	41	65
YY3400131	1,3	41	65
YY3400141	1.4	45	70
YY3400151	1.5	45	70
YY3400161	1.6	50	76
YY3400171	1.7	50	76
YY3400181	1.8	53	80
YY3400191	1,9	53	80
YY3400201	2,0	56	85
YY3400211	2.1	56	85
YY3400221	2.2	56	85
YY3400231	2.3	56	85
YY3400241	2.4	62	95
YY3400251	2.5	62	95
YY3400261	2,6	62	95
YY3400271	2,7	66	100
YY3400281	2,8	66	100
YY3400291	2.9	66	100
YY3400301	3.0	66	100
YY3400311	3,1	69	106
YY3400321	3,2	69	106
YY3400331	3,3	69	106
YY3400341	3.4	73	112
YY3400351	3.5	73	112
YY3400361	3,6	73	112
YY3400371	3.7	73	112
YY3400381	3.8	78	119
YY3400391	3.9	78	119
YY3400401	4.0	78	119
YY3400411	4,1	78	119
YY3400421	4,2	78	119
YY3400431	4,3	82	126
YY3400441	4,4	82	126
YY3400451	4.5	82	126
YY3400461	4.6	82	126
YY3400471	4.7	82	126
YY3400481	4.8	87	132
YY3400491	4,9	87	132
YY3400501	5,0	87	132
YY3400511	5,1	87	132
YY3400521	5,2	87	132
YY3400531	5.3	87	132
YY3400541	5.4	91	139
YY3400551	5.5	91	139
YY3400561	5.6	91	139
YY3400571	5,7	91	139
YY3400581	5,8	91	139
YY3400591	5,9	91	139
YY3400601	6,0	91	139
YY3400611	6.1	97	148
YY3400621	6,2	97	148
YY3400631	6,3	97	148
YY3400641	6,4	97	148
YY3400651	6,5	97	148
YY3400661	6,6	97	148
YY3400671	6,7	97	148
YY3400681	6,8	102	156
YY3400691	6,9	102	156
YY3400701	7.0	102	156
YY3400711	7.1	102	156
YY3400721	7,2	102	156
YY3400731	7,3	102	156
YY3400741	7.4	102	156
YY3400751	7,5	102	156
YY3400761	7.6	109	165
YY3400771	7,7	109	165
YY3400791	7,9	109	165
YY3400801	8.0	109	165
YY3400811	8,1	109	165
YY3400821	8,2	109	165
YY3400831	8,3	109	165
YY3400841	8,4	109	165
YY3400851	8.5	109	165
YY3400861	8.6	115	175
YY3400871	8,7	115	175
YY3400881	8.8	115	175
YY3400891	8,9	115	175
YY3400901	9,0	115	175
YY3400911	9,1	115	175

Art. 903-	⌀ mm	mm	mm
YY3400921	9,2	115	175
YY3400931	9,3	115	175
YY3400941	9,4	115	175
YY3400951	9.5	115	175
YY3400961	9.6	121	184
YY3400971	9.7	121	184
YY3400981	9,8	121	184
YY3400991	9,9	121	184
YY3401001	10,0	121	184
YY3401021	10,2	121	184
YY3401051	10,5	121	184
YY3401101	11.0	128	195
YY3401151	11.5	128	195
YY3401201	12.0	134	205
YY3401251	12.5	134	205
YY3401301	13.0	134	205
YY3401351	13,5	140	214
YY3401401	14,0	140	214
YY3401451	14.5	144	220
YY3401501	15.0	144	220
YY3401551	15.5	149	227
YY3401601	16,0	149	227
YY3401651	16.5	154	235
YY3401701	17.0	154	235
YY3401751	17,5	158	241
YY3401801	18,0	158	241
YY3401851	18.5	162	247
YY3401901	19.0	162	247
YY3401951	19.5	166	254
YY3402001	20.0	166	254



904 高速钢等柄麻花钻,白钻
HSS twist blacksmith drill bit, Bright finished

- Shank form and tool length optimised for use with pillar-type drills.
- Ground HSS bit with maximum precision.
- Ideal for drilling in alloyed and unalloyed steel up to 1100N/mm².
- Web thinning with 118° point angle for maximum service life.





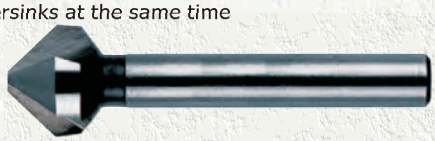
Art. 904 -	mm Ø	mm	mm	
YY1021001	10.0	87	133	8
YY1021051	10.5	87	133	8
YY1021101	11.0	94	142	8
YY1021151	11.5	94	142	8
YY1021201	12.0	101	151	8
YY1021251	12.5	101	151	8
YY1021301	13.0	101	151	8
YY1021351	13.5	108	160	10
YY1021401	14.0	108	160	10
YY1021451	14.5	114	169	10
YY1021501	15.0	114	169	10
YY1021551	15.5	120	178	10
YY1021601	16.0	120	178	10
YY1021651	16.5	125	184	13
YY1021701	17.0	125	184	13
YY1021751	17.5	130	191	13
YY1021801	18.0	130	191	13
YY1021851	18.5	135	198	13
YY1021901	19.0	135	198	13
YY1021951	19.5	140	205	13
YY1022001	20.0	140	205	13
YY1022201	22.0	150	219	13
YY1022501	25.0	170	246	13
YY1021002	10.0	76	165	10
YY1021052	10.5	76	165	10
YY1021102	11.0	76	165	10
YY1021152	11.5	76	165	10
YY1021202	12.0	76	165	10
YY1021252	12.5	76	165	10
YY1021302	13.0	76	165	1/2"
YY1021352	13.5	76	165	1/2"
YY1021402	14.0	76	165	1/2"
YY1021452	14.5	76	165	1/2"
YY1021502	15.0	76	165	1/2"
YY1021552	15.5	76	165	1/2"
YY1021602	16.0	76	165	1/2"
YY1021652	16.5	76	165	1/2"
YY1021702	17.0	76	165	1/2"
YY1021752	17.5	76	165	1/2"
YY1021802	18.0	76	165	1/2"
YY1021852	18.5	76	165	1/2"
YY1021902	19.0	76	165	1/2"
YY1022002	20.0	76	165	1/2"
YY1022202	22.0	76	165	1/2"
YY1022502	25.0	76	165	1/2"
YY1020916	9/16"	76	165	1/2"
YY1020508	5/8"	76	165	1/2"
YY1021116	11/16"	76	165	1/2"
YY1020304	3/4"	76	165	1/2"
YY1021316	13/16"	76	165	1/2"
YY1020708	7/8"	76	165	1/2"
YY1021516	15/16"	76	165	1/2"
YY1020101	1"	76	165	1/2"

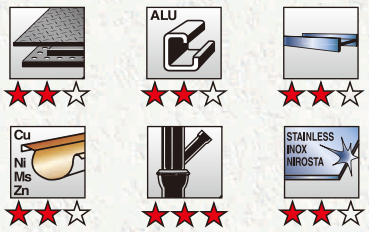




922 高速钢三刃倒角器
HSS 3cutter countersink, Bright finished

- Precision tool of professional quality for alloyed and unalloyed steel.
- Long service life.
- De-burrs and countersinks at the same time





Art. 922 -	mm Ø	mm	
YY1006301	6.30	50	5
YY1008301	8.30	50	6
YY1010401	10.4	50	6
YY1012401	12.4	56	8
YY1016501	16.5	60	8
YY1020501	20.5	63	10
YY1025001	25.0	67	10





990 全磨高速钢麻花钻DIN338RN标准,钴钻含钴5%
HSS twist drill bit, M35, DIN338RN, Amber finished

992 全磨高速钢麻花钻DIN338RN标准,钴钻含钴5%，铬钛铝氮镀层
HSS twist drill bit, M35, DIN338RN, CrTiAlN coated

- For a large number of drill holes in high-alloy steel and stainless steel
- Split point and 135° point angle for optimum, extremely accurate starting.
- Use of a special HSS steel with 5% cobalt
- Precision tool compliant with DIN338 RN for outstanding hole dimensional accuracy.
- **CrTinAlN coating increase drilling life by over 20% based on Cobalt drill ones.**

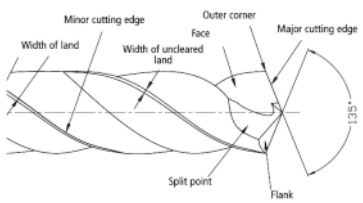


Art. 990-992-	⌀ mm	mm	mm
YY3380031	0.3	3	19
YY3380041	0.4	5	20
YY3380051	0.5	6	22
YY3380061	0.6	7	24
YY3380071	0.7	9	28
YY3380081	0.8	10	30
YY3380091	0.9	11	32
YY3380101	1.0	12	34
YY3380111	1.1	14	36
YY3380121	1.2	16	38
YY3380131	1.3	16	38
YY3380141	1.4	18	40
YY3380151	1.5	18	40
YY3380161	1.6	20	43
YY3380171	1.7	20	43
YY3380181	1.8	22	46
YY3380191	1.9	22	46
YY3380201	2.0	24	49
YY3380211	2.1	24	49
YY3380221	2.2	27	53
YY3380231	2.3	27	53
YY3380241	2.4	30	57
YY3380251	2.5	30	57
YY3380261	2.6	30	57
YY3380271	2.7	33	61
YY3380281	2.8	33	61
YY3380291	2.9	33	61
YY3380301	3.0	33	61
YY3380311	3.1	36	65
YY3380321	3.2	36	65
YY3380331	3.3	36	65
YY3380341	3.4	39	70
YY3380351	3.5	39	70
YY3380361	3.6	39	70
YY3380371	3.7	39	70
YY3380381	3.8	43	75
YY3380391	3.9	43	75
YY3380401	4.0	43	75
YY3380411	4.1	43	75
YY3380421	4.2	43	75
YY3380431	4.3	47	80
YY3380441	4.4	47	80
YY3380451	4.5	47	80
YY3380461	4.6	47	80
YY3380471	4.7	47	80
YY3380481	4.8	52	86
YY3380491	4.9	52	86
YY3380501	5.0	52	86
YY3380511	5.1	52	86
YY3380521	5.2	52	86
YY3380531	5.3	52	86
YY3380541	5.4	57	93
YY3380551	5.5	57	93
YY3380561	5.6	57	93
YY3380571	5.7	57	93
YY3380581	5.8	57	93
YY3380591	5.9	57	93
YY3380601	6.0	57	93
YY3380611	6.1	63	101
YY3380621	6.2	63	101
YY3380631	6.3	63	101
YY3380641	6.4	63	101
YY3380651	6.5	63	101
YY3380661	6.6	63	101
YY3380671	6.7	63	101
YY3380681	6.8	69	109
YY3380691	6.9	69	109
YY3380701	7.0	69	109
YY3380711	7.1	69	109
YY3380721	7.2	69	109
YY3380731	7.3	69	109
YY3380741	7.4	69	109
YY3380751	7.5	69	109
YY3380761	7.6	75	117
YY3380771	7.7	75	117
YY3380791	7.9	75	117
YY3380801	8.0	75	117
YY3380811	8.1	75	117
YY3380821	8.2	75	117
YY3380831	8.3	75	117
YY3380841	8.4	75	117
YY3380851	8.5	75	117
YY3380861	8.6	81	125
YY3380871	8.7	81	125
YY3380881	8.8	81	125
YY3380891	8.9	81	125
YY3380901	9.0	81	125
YY3380911	9.1	81	125

Art. 990-992-	⌀ mm	mm	mm
YY3380921	9.2	81	125
YY3380931	9.3	81	125
YY3380941	9.4	81	125
YY3380951	9.5	81	125
YY3380961	9.6	87	133
YY3380971	9.7	87	133
YY3380981	9.8	87	133
YY3380991	9.9	87	133
YY3381001	10.0	87	133
YY3381021	10.2	87	133
YY3381051	10.5	87	133
YY3381101	11.0	94	142
YY3381151	11.5	94	142
YY3381201	12.0	101	151
YY3381251	12.5	101	151
YY3381301	13.0	101	151
YY3381351	13.5	108	160
YY3381401	14.0	108	160
YY3381451	14.5	108	160
YY3381501	15.0	108	160
YY3381551	15.5	114	178
YY3381601	16.0	114	178
YY3381651	16.5	125	184
YY3381701	17.0	125	184
YY3381751	17.5	130	191
YY3381801	18.0	130	191
YY3381851	18.5	135	198
YY3381901	19.0	135	198
YY3381951	19.5	140	205
YY3382001	20.0	140	205

- Diameters above 13mm are with 13mm diameter reduced shank.

HSS-Co cobalt twist drills / HSS-G super twist drills



Point angle	135°
Point cut	Split point
Application	Steel, cast steel above 700 N/mm², deep holes





Amber finish　CrTiAlN coating

925 高速钢阶梯钻,单槽白钻
HSS step drill, bright finished
926 高速钢阶梯钻,单槽镀钛钻
HSS step drill, Tin-coated



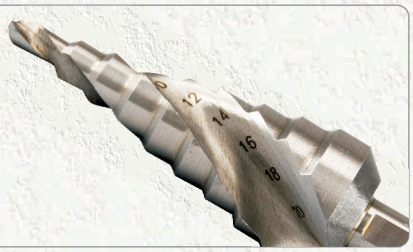
- Ideal for drilling in alloyed and unalloyed steel, stainless steel, etc
- Precision drilling in cable ducts and for switch cabinets.
- Diameter marked on the drill bit
- Extremely long service life. Max cutting depth of each diameter up to 5mm.



Art. 925-926-	mm Ø	Step Qty.	mm	
YY1230412051	4, 6, 8, 10, 12	5	65	10
YY1230412091	4, 5, 6, 7, 8, 9, 10, 11, 12	9	65	10
YY1230420091	4, 6, 8, 10, 12, 14, 16, 18, 20	9	75	10
YY1230422101	4, 6, 8, 10, 12, 14, 16, 18, 20, 22	10	80	10
YY1230430141	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30	14	100	13
YY1230432151	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32	15	105	13
YY1230439141	4, 6, 8, 10, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39	14	107	13
YY1230535131	5, 7.5, 10, 13, 16, 19, 21, 23, 26, 29, 31, 33, 35	13	100	13
YY1230538141	5, 7.5, 10, 13, 16, 19, 21, 23, 26, 29, 31, 33, 35, 38	14	95	13
YY1230618071	6, 8, 10, 12, 14, 16, 18	7	67	10
YY1230620081	6, 8. 10, 12, 14, 16, 18, 20	8	71	10
YY1230624101	6, 8, 10, 12, 14, 16, 18, 20, 22, 24	10	80	10
YY1230625071	6, 9, 12, 16, 20, 22.5, 25	7	65	12
YY1230630131	6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30	13	98	13
YY1230630101	6, 9, 12.7, 15.2, 18.6, 20.4, 22.5, 25.5, 28.3, 30.5	10	100	13
YY1230632081	6, 10, 14, 18, 22, 26, 29, 32	8	75	13
YY1230632091	6, 9, 12, 16, 20, 22.5, 25, 28.5, 32	9	76	13
YY1230637121	6, 9, 12.5, 15.2, 18.6, 20.4, 22.5, 26, 28.3, 30.5, 34, 37	12	100	13
YY1230638121	6, 9, 13, 16, 19, 21, 23, 26, 29, 32, 35, 38	12	100	13
YY1230640161	6, 11, 17, 23, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	16	105	13
YY1230936101	9, 12, 15, 18, 21, 24, 27, 30, 33, 36	10	86	13
YY1231020111	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	11	88	10
YY1231220091	12, 13, 14, 15, 16, 17, 18, 19, 20	9	76	10
YY1231338101	13, 16, 19, 21, 23, 26, 29, 32, 35, 38	10	112	13
YY1231424061	14, 16, 18, 20, 22, 24	6	67	13
YY1231425071	14, 16, 18, 20, 22, 24, 25	7	71	13
YY1232030111	20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	11	88	13
YY1232034081	20, 22, 24, 26, 28, 30, 32, 34	8	75	13
YY1233040111	30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	11	98	13
YY1234050111	40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50	11	107	13
YY1235060111	50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60	11	120	13



927 高速钢阶梯钻,螺旋双槽白钻
HSS step drill, Twist, bright finished
928 高速钢阶梯钻,螺旋双槽镀钛钻
HSS step drill, Twist, Tin-coated



- Ideal for faster drilling in alloyed and unalloyed steel, stainless steel.
- 1PC drill bit with different diameter drilling work capability for extreme long service life. Max cutting depth of each diameter up to 5mm.



Art. 927-928-	mm Ø	Step Qty.	mm	
YY1230412052	4, 6, 8, 10, 12	5	65	10
YY1230412092	4, 5, 6, 7, 8, 9, 10, 11, 12	9	65	10
YY1230420092	4, 6, 8, 10, 12, 14, 16, 18, 20	9	75	10
YY1230422102	4, 6, 8, 10, 12, 14, 16, 18, 20, 22	10	80	10
YY1230430142	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30	14	100	13
YY1230432152	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32	15	105	13
YY1230439142	4, 6, 8, 10, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39	14	107	13
YY1230535132	5, 7.5, 10, 13, 16, 19, 21, 23, 26, 29, 31, 33, 35	13	100	13
YY1230538142	5, 7.5, 10, 13, 16, 19, 21, 23, 26, 29, 31, 33, 35, 38	14	95	13
YY1230618072	6, 8, 10, 12, 14, 16, 18	7	67	10
YY1230620082	6, 8. 10, 12, 14, 16, 18, 20	8	71	10
YY1230624102	6, 8, 10, 12, 14, 16, 18, 20, 22, 24	10	80	10
YY1230625072	6, 9, 12, 16, 20, 22.5, 25	7	65	12
YY1230630132	6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30	13	98	13
YY1230630102	6, 9, 12.7, 15.2, 18.6, 20.4, 22.5, 25.5, 28.3, 30.5	10	100	13
YY1230632082	6, 10, 14, 18, 22, 26, 29, 32	8	75	13
YY1230632092	6, 9, 12, 16, 20, 22.5, 25, 28.5, 32	9	76	13
YY1230637122	6, 9, 12.5, 15.2, 18.6, 20.4, 22.5, 26, 28.3, 30.5, 34, 37	12	100	13
YY1230638122	6, 9, 13, 16, 19, 21, 23, 26, 29, 32, 35, 38	12	100	13
YY1230640162	6, 11, 17, 23, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	16	105	13
YY1230936102	9, 12, 15, 18, 21, 24, 27, 30, 33, 36	10	86	13
YY1231020112	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	11	88	10
YY1231220092	12, 13, 14, 15, 16, 17, 18, 19, 20	9	76	10
YY1231338102	13, 16, 19, 21, 23, 26, 29, 32, 35, 38	10	112	13
YY1231424062	14, 16, 18, 20, 22, 24	6	67	13
YY1231425072	14, 16, 18, 20, 22, 24, 25	7	71	13
YY1232030112	20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	11	88	13
YY1232034082	20, 22, 24, 26, 28, 30, 32, 34	8	75	13
YY1233040112	30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40	11	98	13
YY1234050112	40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50	11	107	13
YY1235060112	50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60	11	120	13



937 高速钢双金属孔锯，M3高速钢双金属
HSS bimetal hole saw, M3 bimetal



- Exact holes for recessed sockets and passing cables and pipes.
- Extremely quiet-running thanks to Vario toothing.
- Reduced-vibration drilling with fast saw advance.
- Long service life thanks to special-alloy tool steel body with solid mounting plate.

938 高速钢双金属孔锯，M42高速钢双金属
HSS bimetal hole saw, M42 bimetal



- 8% Cobalt-alloy high-speed steel toothing in bi-metal quality.
- Great for material thickness up to 1mm
- Use of cutting oil extends the service life of the tool considerably.

Art. 937-938-	mm ⌀	inch ⌀	
YY1380141	14	9/16"	1/2-20
YY1380151	15	19/32"	1/2-20
YY1380161	16	5/8"	1/2-20
YY1380171	17	11/16"	1/2-20
YY1380181	18	23/32"	1/2-20
YY1380191	19	3/4"	1/2-20
YY1380201	20	25/32"	1/2-20
YY1380211	21	13/16"	1/2-20
YY1380221	22	7/8"	1/2-20
YY1380231	23	29/32"	1/2-20
YY1380241	24	15/16"	1/2-20
YY1380251	25	1"	1/2-20
YY1380261	26	1-1/32"	1/2-20
YY1380271	27	1-1/16"	1/2-20
YY1380281	28	1-3/32"	1/2-20
YY1380291	29	1-1/8"	1/2-20
YY1380301	30	1-3/8"	1/2-20
YY1380321	32	1-1/4"	5/8-18
YY1380331	33	1-5/16"	5/8-18
YY1380341	34	1-11/32"	5/8-18
YY1380351	35	1-3/8"	5/8-18
YY1380361	36	1-27/64"	5/8-18
YY1380371	37	1-7/16"	5/8-18
YY1380381	38	1-1/2"	5/8-18
YY1380391	39	1-17/32"	5/8-18
YY1380401	40	1-9/16"	5/8-18
YY1380411	41	1-5/8"	5/8-18
YY1380421	42	1-21/32"	5/8-18
YY1380431	43	1-11/16"	5/8-18
YY1380441	44	1-3/4"	5/8-18
YY1380451	45	1-25/32"	5/8-18
YY1380461	46	1-13/16"	5/8-18
YY1380481	48	1-7/8"	5/8-18
YY1380491	49	1-15/16"	5/8-18
YY1380501	50	1-31/32"	5/8-18
YY1380511	51	2"	5/8-18
YY1380521	52	2-1/16"	5/8-18
YY1380531	53	2-3/32"	5/8-18
YY1380541	54	2-1/8"	5/8-18
YY1380551	55	2-11/64"	5/8-18
YY1380561	56	2-3/16"	5/8-18
YY1380571	57	2-1/4"	5/8-18
YY1380581	58	2-9/32"	5/8-18
YY1380591	59	2-5/16"	5/8-18
YY1380601	60	2-3/8"	5/8-18
YY1380611	61	2-13/32"	5/8-18
YY1380621	62	2-7/16"	5/8-18
YY1380631	63	2-31/64"	5/8-18
YY1380641	64	2-1/2"	5/8-18
YY1380651	65	2-9/16"	5/8-18
YY1380661	66	2-19/32"	5/8-18
YY1380671	67	2-5/8"	5/8-18
YY1380681	68	2-11/16"	5/8-18
YY1380691	69	2-23/32"	5/8-18
YY1380701	70	2-3/4"	5/8-18
YY1380711	71	2-25/32"	5/8-18
YY1380721	72	2-27/32"	5/8-18
YY1380731	73	2-7/8"	5/8-18
YY1380741	74	2-29/32"	5/8-18
YY1380751	75	2-15/16"	5/8-18
YY1380761	76	3"	5/8-18
YY1380781	78	3-5/64"	5/8-18
YY1380791	79	3-1/8"	5/8-18
YY1380801	80	3-5/32"	5/8-18
YY1380811	81	3-3/16"	5/8-18
YY1380821	82	3-15/64"	5/8-18
YY1380831	83	3-1/4"	5/8-18
YY1380841	84	3-5/16"	5/8-18
YY1380851	85	3-11/32"	5/8-18
YY1380861	86	3-3/8"	5/8-18
YY1380871	87	3-27/64"	5/8-18
YY1380891	89	3-1/2"	5/8-18
YY1380901	90	3-17/32"	5/8-18
YY1380911	91	3-19/32"	5/8-18
YY1380921	92	3-5/8"	5/8-18
YY1380951	95	3-3/4"	5/8-18
YY1380961	96	3-25/32"	5/8-18
YY1380981	98	3-7/8"	5/8-18
YY1381001	100	3-15/16"	5/8-18
YY1381021	102	4"	5/8-18
YY1381041	104	4-3/32"	5/8-18
YY1381051	105	4-1/8"	5/8-18
YY1381081	108	4-1/4"	5/8-18
YY1381101	110	4-21/64"	5/8-18
YY1381121	112	4-13/32"	5/8-18
YY1381141	114	4-1/2"	5/8-18
YY1381151	115	4-17/32"	5/8-18
YY1381161	116	4-9/16"	5/8-18
YY1381181	118	4-21/32"	5/8-18
YY1381201	120	4-23/32"	5/8-18

Art. 937-938-	mm ⌀	inch ⌀	
YY1381211	121	4-3/4"	5/8-18
YY1381251	125	4-29/32"	5/8-18
YY1381261	126	4-31/32"	5/8-18
YY1381271	127	5"	5/8-18
YY1381281	128	5-3/64"	5/8-18
YY1381301	130	5-1/8"	5/8-18
YY1381331	133	5-1/4"	5/8-18
YY1381401	140	5-1/2"	5/8-18
YY1381451	145	5-23/32"	5/8-18
YY1381461	146	5-3/4"	5/8-18
YY1381501	150	5-29/32"	5/8-18
YY1381511	151	5-15/16"	5/8-18
YY1381521	152	6"	5/8-18
YY1381601	160	6-19/64"	5/8-18
YY1381651	165	6-1/2"	5/8-18
YY1381681	168	6-5/8"	5/8-18
YY1381701	170	6-11/16"	5/8-18
YY1381751	175	6-7/8"	5/8-18
YY1381761	176	6-15/16"	5/8-18
YY1381801	180	6-31/32"	5/8-18
YY1381851	185	7-9/32"	5/8-18
YY1381881	188	7-13/32"	5/8-18
YY1381911	191	7-13/64"	5/8-18
YY1382001	200	7-7/8"	5/8-18
YY1382021	202	7-15/16"	5/8-18
YY1382031	203	8"	5/8-18
YY1382041	204	8-1/32"	5/8-18
YY1382061	206	8-1/8"	5/8-18
YY1382081	208	8-3/16"	5/8-18
YY1382101	210	8-17/64"	5/8-18
YY1382151	215	8-15/32"	5/8-18
YY1382201	220	8-21/32"	5/8-18
YY1382221	222	8-3/4"	5/8-18
YY1382251	225	8-27/32"	5/8-18
YY1382301	230	9-1/16"	5/8-18
YY1382351	235	9-1/4"	5/8-18
YY1382421	242	9-1/2"	5/8-18
YY1382501	250	9-27/32"	5/8-18
YY1382551	255	10"	5/8-18
YY1382581	258	10-5/32"	5/8-18



YY1380001	Arbor with 1/4" HSS pilot drill, round shank, 1/2-20UNF for 14 to 30mm hole saw.
YY1380002	Arbor with 1/4" HSS pilot drill, 3/8"Hex Shank, 1/2-20UNF for 14 to 30mm hole saw.
YY1380003	Arbor with 1/4" HSS pilot drill, 7/16"Hex Shank,1/2-20UNF for 14 to 30mm hole saw.
YY1380004	Arbor with 1/4" HSS pilot drill, 3/8"Hex Shank, 5/8-18UNF for 32 to 258mm hole saw.
YY1380005	Arobr with 1/4"HSS pilot drill, 7/16"Hex Shank,5/8-18UNF for 32 to 258mm hole saw.
YY1380006	Arbor with 1/4"HSS pilot drill, 5/8"Hex Shank,5/8-18UNF for 32 to 258mm hole saw.
YY1380007	Arbor with 1/4"HSS pilot drill, SDS-plus Shank,1/2-20UNF for 14 to 30mm hole saw.
YY1380008	Arbor with 1/4"HSS pilot drill, SDS-plus Shank,5/8-18UNF for 32 to 258mm hole saw.
YY1380009	Quick release arbor with 1/4" HSS pilot drill, 3/8"Hex shank, 1/2-20UNF for 14 to 30mm hole saw.
YY1380010	Quick release arbor with 1/4" HSS pilot drill, 7/16" Hex shank, 5/8-18UNF for 32to 258mm hole saw.
YY1380011	1/4"x75mm L HSS pilot drill,bright
YY1380012	1/4" x 105mm L HSS pilog drill,bright
YY1380013	Ejector Spring fitting all pilot drill



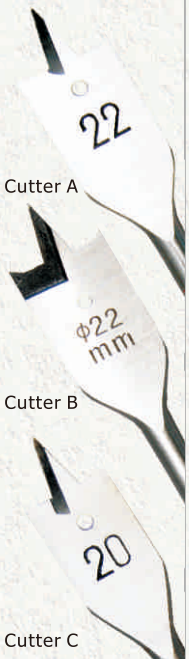
330 木工扁钻
Flat wood drill bit



★★★ ★★☆ ★★★ ★★★ ★★★ ★★☆ ★★★ ★★★ ★☆☆

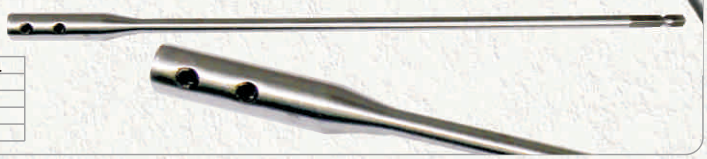
- Fast drilling of big diameters. Suitable for drilling in natural hard and soft wood, chipboard
- Ideal for door locks, mortising, electrical and plumbing work.
- DIN 6.35 E shank for direct insertion into the power tool or for secure chuck grip.
- Ground center point for accurate positioning and sharp wings for improved cutting performance.

mm Ø	inch Ø	mm		152mm L Art. 330-	300mm L Art. 330-	400mm L Art. 330-
6	1/4"	50	6.35	YY10615201	YY10630001	YY10640001
8	5/16"	50	6.35	YY10815201	YY10830001	YY10840001
10	3/8"	50	6.35	YY11015201	YY11030001	YY11040001
11	7/16"	50	6.35	YY11115201	YY11130001	YY11140001
12	1/2"	50	6.35	YY11215201	YY11230001	YY11240001
14	9/16"	50	6.35	YY11415201	YY11430001	YY11440001
16	5/8"	50	6.35	YY11615201	YY11630001	YY11640001
18	23/32"	50	6.35	YY11815201	YY11830001	YY11840001
19	49/64"	50	6.35	YY11915201	YY11930001	YY11940001
20	3/4"	50	6.35	YY12015201	YY12030001	YY12040001
22	7/8"	50	6.35	YY12215201	YY12230001	YY12240001
24	15/16"	50	6.35	YY12415201	YY12430001	YY12440001
25	1"	50	6.35	YY12515201	YY12530001	YY12540001
26	1-1/32"	50	6.35	YY12615201	YY12630001	YY12640001
28	1-1/8"	50	6.35	YY12815201	YY12830001	YY12840001
30	1-3/16"	50	6.35	YY13015201	YY13030001	YY13040001
32	1-1/4"	50	6.35	YY13215201	YY13230001	YY13240001
34	1-5/16"	50	6.35	YY13415201	YY13430001	YY13440001
35	1-3/8"	50	6.35	YY13515201	YY13530001	YY13540001
36	1-7/16"	50	6.35	YY13615201	YY13630001	YY13640001
38	1-1/2"	50	6.35	YY13815201	YY13830001	YY13840001
40	1-9/16"	50	6.35	YY14015201	YY14030001	YY14040001
45	1-3/4"	50	6.35	YY14515201	YY14530001	YY14540001
48	1-7/8"	50	6.35	YY14815201	YY14830001	YY14840001
50	2"	50	6.35	YY15015201	YY15030001	YY15040001

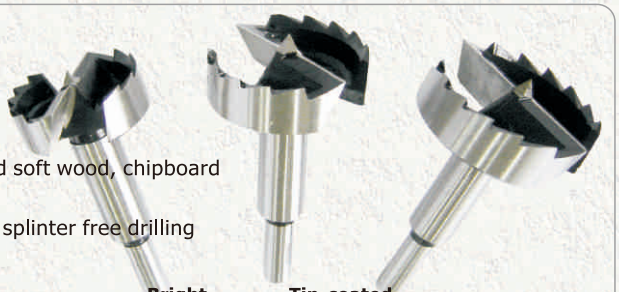


Extension adapter of flat wood drill bit

Art. 330-	Holding Diameter mm	mm	
YY2015001	6.35	150	6.35
YY2020001	6.35	200	6.35
YY2025001	6.35	250	6.35
YY2030001	6.35	300	6.35
YY2040001	6.35	400	6.35



331 木工平翼钻
Forstner bit



★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★☆

- Fast drilling of big diameters. Suitable for drilling in natural hard and soft wood, chipboard
- Ideal for door locks, mortising, electrical and plumbing work.
- Center point for precisely locating the bit, peripheral cutters ensure splinter free drilling and exact holes.

mm Ø	inch Ø	mm	mm	Cutter Style		Bright Art. 331-	Tin-coated Art. 331-
6	1/4"	25	93	FLAT	9.50	YY10609301	YY10609302
8	5/16"	25	93	FLAT	9.50	YY10809301	YY10809302
10	3/8"	25	93	FLAT	9.50	YY11009301	YY11009302
11	7/16"	25	93	FLAT	9.50	YY11109301	YY11109302
12	1/2"	25	93	FLAT	9.50	YY11209301	YY11209302
14	9/16"	25	93	FLAT	9.50	YY11409301	YY11409302
16	5/8"	25	94	FLAT	9.50	YY11609301	YY11609302
18	11/16"	25	94	FLAT	9.50	YY11809301	YY11809302
20	3/4"	25	94	FLAT	9.50	YY12009301	YY12009302
22	7/8"	25	94	FLAT	9.50	YY12209301	YY12209302
24	15/16"	25	94	SAW	9.50	YY12409301	YY12409302
25	1"	25	94	SAW	9.50	YY12509301	YY12509302
26	1-1/16"	25	94	SAW	9.50	YY12609301	YY12609302
28	1-1/8"	25	94	SAW	9.50	YY12809301	YY12809302
30	1-3/16"	25	94	SAW	9.50	YY13009301	YY13009302
32	1-1/4"	25	94	SAW	9.50	YY13209301	YY13209302
34	1-5/16"	25	94	SAW	9.50	YY13409301	YY13409302
35	1-3/8"	25	94	SAW	9.50	YY13509301	YY13509302
36	1-7/16"	25	94	SAW	9.50	YY13609301	YY13609302
38	1-1/2"	25	94	SAW	9.50	YY13809301	YY13809302
40	1-9/16"	25	94	SAW	9.50	YY14009301	YY14009302
42	1-5/8"	25	94	SAW	9.50	YY14209301	YY14209302
44	1-11/16"	25	94	SAW	9.50	YY14409301	YY14409302
45	1-3/4"	25	94	SAW	9.50	YY14509301	YY14509302
46	1-13/16"	25	94	SAW	9.50	YY14609301	YY14609302
48	1-7/8"	25	94	SAW	9.50	YY14809301	YY14809302
49	1-15/16"	25	94	SAW	9.50	YY14909301	YY14909302
50	2"	25	94	SAW	9.50	YY15009301	YY15009302
54	2-1/8"	25	94	SAW	9.50	YY15409301	YY15409302
58	2-1/4"	25	94	SAW	9.50	YY15809301	YY15809302
62	2-3/8"	25	94	SAW	9.50	YY16209301	YY16209302
64	2-1/2"	25	94	SAW	9.50	YY16409301	YY16409302
68	2-5/8"	25	94	SAW	9.50	YY16809301	YY16809302
70	2-3/4"	25	94	SAW	9.50	YY17009301	YY17009302
74	2-7/8"	25	94	SAW	9.50	YY17409301	YY17409302
75	3"	25	94	SAW	9.50	YY17509301	YY17509302
82	3-1/4"	25	94	SAW	9.50	YY18209301	YY18209302



332 木工合金平翼钻
TCT forstner bit



- Special designed carbide tipped bits for extra long life and high performance.
- Professional drilling harder materials such as hard wood, chipboard, fibre wood laminated wood, etc.

mm Ø	mm Ø	mm		Cylinder Shank Art. 332-	Hex Shank Art. 332-
14	8	90	8	YY11409008	YY21409008
15	10	90	8	YY11509008	YY21509008
16	10	90	8	YY11609008	YY21609008
18	10	90	8	YY11809008	YY21809008
19	10	90	8	YY11909008	YY21909008
20	10	90	8	YY12009008	YY22009008
22	10	90	8	YY12209008	YY22209008
23	10	90	8	YY12309008	YY22309008
25	12	90	8	YY12509008	YY22509008
26	12	90	8	YY12609008	YY22609008
28	12	90	8	YY12809008	YY22809008
30	12	90	8	YY13009008	YY23009008
32	12	90	10	YY13209010	YY23209010
35	12	90	10	YY13509010	YY23509010
38	15	90	10	YY13809010	YY23809010
40	15	90	10	YY14009010	YY24009010
41	15	90	10	YY14109010	YY24109010
45	15	90	10	YY14509010	YY24509010
50	15	90	10	YY15009010	YY25009010
53	15	90	10	YY15309010	YY25309010
54	15	90	10	YY15409010	YY25409010

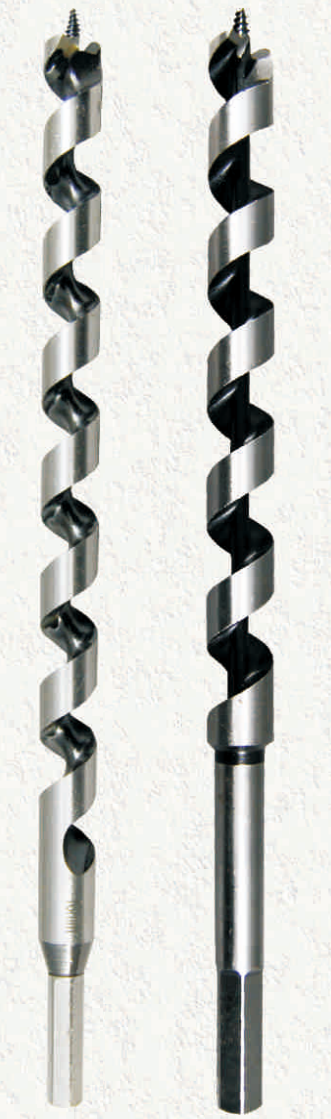


Cylinder Shank Hex Shank

333 木工支罗钻
Ship auger bit

- For heavy-duty, precision drilling in soft and hard wood, large section beams. joints, floor boarding, chipboard and plywood. Lewis flute design for rapid chip removal. With hex shank for secure chuck grip.

mm Ø	mm	mm		With Stem Art. 333-	Without Stem Art. 333-
6	160	230	5.2	YY10062301	YY10062302
7	160	230	6.1	YY10072301	YY10072302
8	160	230	7	YY10082301	YY10082302
9	160	230	7.2	YY10092301	YY10092302
10	160	230	7.2	YY10102301	YY10102302
11	160	230	7.2	YY10112301	YY10112302
12	160	230	7.2	YY10122301	YY10122302
13	160	230	9.1	YY10132301	YY10132302
14	160	230	9.1	YY10142301	YY10142302
15	160	230	9.1	YY10152301	YY10152302
16	160	230	9.1	YY10162301	YY10162302
18	160	230	9.1	YY10182301	YY10182302
19	160	230	10.9	YY10192301	YY10192302
20	160	230	10.9	YY10202301	YY10202302
21	160	230	10.9	YY10212301	YY10212302
22	160	230	10.9	YY10222301	YY10222302
24	160	230	10.9	YY10242301	YY10242302
25	160	230	10.9	YY10252301	YY10252302
26	160	230	10.9	YY10262301	YY10262302
27	160	230	10.9	YY10272301	YY10272302
28	160	230	10.9	YY10282301	YY10282302
30	160	230	10.9	YY10302301	YY10302302
32	160	230	10.9	YY10322301	YY10322302
33	160	230	10.9	YY10332301	YY10332302
34	160	230	10.9	YY10342301	YY10342302
36	160	230	10.9	YY10362301	YY10362302
6	390	460	5.2	YY10064601	YY10064602
7	390	460	6.1	YY10074601	YY10074602
8	390	460	7	YY10084601	YY10084602
9	390	460	7.2	YY10094601	YY10094602
10	390	460	7.2	YY10104601	YY10104602
11	390	460	7.2	YY10114601	YY10114602
12	390	460	7.2	YY10124601	YY10124602
13	390	460	9.1	YY10134601	YY10134602
14	390	460	9.1	YY10144601	YY10144602
15	390	460	9.1	YY10154601	YY10154602
16	390	460	9.1	YY10164601	YY10164602
18	390	460	9.1	YY10184601	YY10184602
19	390	460	10.9	YY10194601	YY10194602
20	390	460	10.9	YY10204601	YY10204602
21	390	460	10.9	YY10214601	YY10214602
22	390	460	10.9	YY10224601	YY10224602
24	390	460	10.9	YY10244601	YY10244602
25	390	460	10.9	YY10254601	YY10254602
26	390	460	10.9	YY10264601	YY10264602
27	390	460	10.9	YY10274601	YY10274602
28	390	460	10.9	YY10284601	YY10284602
30	390	460	10.9	YY10304601	YY10304602
32	390	460	10.9	YY10324601	YY10324602
33	390	460	10.9	YY10334601	YY10334602
34	390	460	10.9	YY10344601	YY10344602
36	390	460	10.9	YY10364601	YY10364602



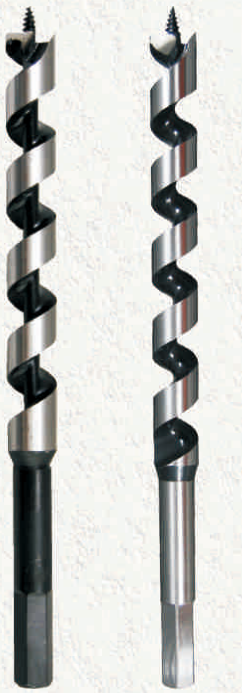
Without Stem With Stem

333 木工支罗钻
Ship auger bit

★★★ ★★★ ★★★ ★★★ ★★★ ★★☆ ★★★ ★★☆ ★★★

For heavy-duty, precision drilling in soft and hard wood, large section beams. joints, floor boarding, chipboard and plywood. Lewis flute design for rapid chip removal. With hex shank for secure chuck grip.

mm Ø	mm	mm		With Stem Art. 333-	Without Stem Art. 333-
6	530	600	5.2	YY10066001	YY10066002
7	530	600	6.1	YY10076001	YY10076002
8	530	600	7	YY10086001	YY10086002
9	530	600	7.2	YY10096001	YY10096002
10	530	600	7.2	YY10106001	YY10106002
11	530	600	7.2	YY10116001	YY10116002
12	530	600	7.2	YY10126001	YY10126002
13	530	600	9.1	YY10136001	YY10136002
14	530	600	9.1	YY10146001	YY10146002
15	530	600	9.1	YY10156001	YY10156002
16	530	600	9.1	YY10166001	YY10166002
18	530	600	9.1	YY10186001	YY10186002
19	530	600	10.9	YY10196001	YY10196002
20	530	600	10.9	YY10206001	YY10206002
21	530	600	10.9	YY10216001	YY10216002
22	530	600	10.9	YY10226001	YY10226002
24	530	600	10.9	YY10246001	YY10246002
25	530	600	10.9	YY10256001	YY10256002
26	530	600	10.9	YY10266001	YY10266002
27	530	600	10.9	YY10276001	YY10276002
28	530	600	10.9	YY10286001	YY10286002
30	530	600	10.9	YY10306001	YY10306002
32	530	600	10.9	YY10326001	YY10326002
33	530	600	10.9	YY10336001	YY10336002
34	530	600	10.9	YY10346001	YY10346002
36	530	600	10.9	YY10366001	YY10366002



With Stem Without Stem

333 木工支罗钻
Ship auger bit

★★★ ★★★ ★★★ ★★★ ★★★ ★★☆ ★★★ ★★☆ ★★★

For heavy-duty, precision drilling in soft and hard wood, large section beams. joints, floor boarding, chipboard and plywood. Lewis flute design for rapid chip removal. With SDS-plus shank for rotary hammer usage without impact function.

mm Ø	mm	mm		With Stem Art. 333-	Without Stem Art. 333-
6	170	230	SDS-plus	YY20062301	YY20062302
7	170	230	SDS-plus	YY20072301	YY20072302
8	170	230	SDS-plus	YY20082301	YY20082302
9	170	230	SDS-plus	YY20092301	YY20092302
10	170	230	SDS-plus	YY20102301	YY20102302
11	170	230	SDS-plus	YY20112301	YY20112302
12	170	230	SDS-plus	YY20122301	YY20122302
13	170	230	SDS-plus	YY20132301	YY20132302
14	170	230	SDS-plus	YY20142301	YY20142302
15	170	230	SDS-plus	YY20152301	YY20152302
16	170	230	SDS-plus	YY20162301	YY20162302
18	170	230	SDS-plus	YY20182301	YY20182302
19	170	230	SDS-plus	YY20192301	YY20192302
20	170	230	SDS-plus	YY20202301	YY20202302
21	170	230	SDS-plus	YY20212301	YY20212302
22	170	230	SDS-plus	YY20222301	YY20222302
24	170	230	SDS-plus	YY20242301	YY20242302
25	170	230	SDS-plus	YY20252301	YY20252302
26	170	230	SDS-plus	YY20262301	YY20262302
27	170	230	SDS-plus	YY20272301	YY20272302
28	170	230	SDS-plus	YY20282301	YY20282302
30	170	230	SDS-plus	YY20302301	YY20302302
32	170	230	SDS-plus	YY20322301	YY20322302
33	170	230	SDS-plus	YY20332301	YY20332302
34	170	230	SDS-plus	YY20342301	YY20342302
36	170	230	SDS-plus	YY20362301	YY20362302
38	170	230			

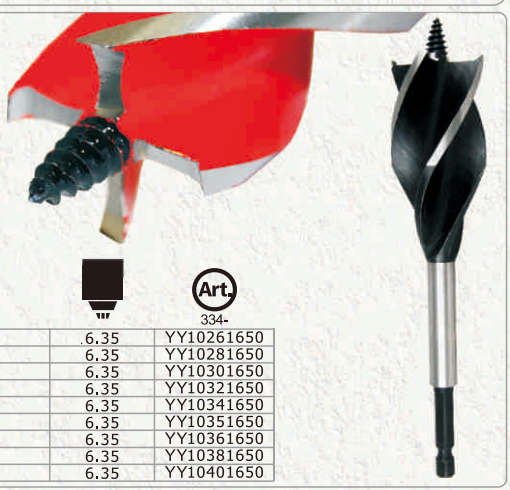


334 四刃木工支罗钻
Four wing auger bit

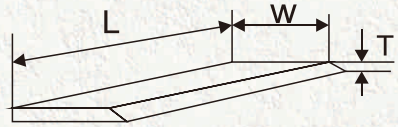
★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★☆ ★★★

For heavy-duty, precision drilling in soft and hard wood, large section beams. joints, floor boarding, chipboard and plywood. Lewis flute design for rapid chip removal. With DIN 6.35E quick change hex shank for secure grip.

mm Ø	mm	mm		Art. 334-	mm Ø	mm	mm		Art. 334-
10	80	165	6.35	YY10101650	26	80	165	6.35	YY10261650
12	80	165	6.35	YY10121650	28	80	165	6.35	YY10281650
14	80	165	6.35	YY10141650	30	80	165	6.35	YY10301650
16	80	165	6.35	YY10161650	32	80	165	6.35	YY10321650
18	80	165	6.35	YY10181650	34	80	165	6.35	YY10341650
20	80	165	6.35	YY10201650	35	80	165	6.35	YY10351650
22	80	165	6.35	YY10221650	36	80	165	6.35	YY10361650
24	80	165	6.35	YY10241650	38	80	165	6.35	YY10381650
25	80	165	6.35	YY10251650	40	80	165	6.35	YY10401650



337 木工刨刀
Planner blade



★★★ ★★★ ★★★

Professional cutting various wood with our featured high tech. on HSS W18Cr4V, W6Mo5Cr4V2, SKH5, SKH9, etd. Hardness on HRC62-68.



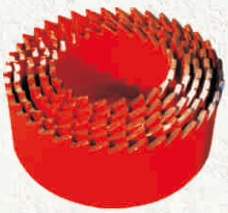
Length L(mm)	Thickness T(mm)	Width W=25(mm) Art. 337-	Width W=30(mm) Art. 337-	Width W=35(mm) Art. 337-
200	3	YY2002503	YY2003003	YY2003503
250	3	YY2502503	YY2503003	YY2503503
300	3	YY3002503	YY3003003	YY3003503
310	3	YY3102503	YY3103003	YY3103503
350	3	YY3502503	YY3503003	YY3503503
400	3	YY4002503	YY4003003	YY4003503
500	3	YY5002503	YY5003003	YY5003503
600	3	YY6002503	YY6003003	YY6003503
800	3	YY8002503	YY8003003	YY8003503
1000	3	YY1000253	YY1003053	YY1003553
1050	3	YY1050253	YY1053053	YY1053553

320 木工碳钢孔锯
Carbon steel hole saw



★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★

This hole saw is for cutting different size holes in wood, plywood, chipboard, plastic,etc.with its arbor drill and adapter. Max cutting depth is less than 30mm.

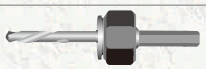
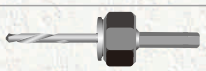
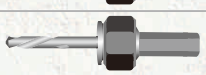
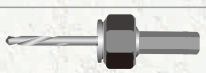
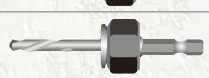






mm Ø	inch Ø	Art. 320-	mm Ø	inch Ø	Art. 320-
14	9/16"	YY1014030	59	2-5/16"	YY1059030
16	5/8"	YY1016030	60	2-3/8"	YY1060030
17	11/16"	YY1017030	64	2-1/2"	YY1064030
18	23/32"	YY1018030	65	2-9/16"	YY1065030
19	3/4"	YY1019030	67	2-5/8"	YY1067030
20	25/32"	YY1020030	68	2-11/16"	YY1068030
21	13/16"	YY1021030	70	2-3/4"	YY1070030
22	7/8"	YY1022030	73	2-7/8"	YY1073030
24	15/16"	YY1024030	76	3"	YY1076030
25	1"	YY1025030	79	3-1/8"	YY1079030
27	1-1/16"	YY1027030	83	3-1/4"	YY1083030
28	1-1/8"	YY1028030	86	3-3/8"	YY1086030
29	1-5/32"	YY1029030	89	3-1/2"	YY1089030
30	1-3/16"	YY1030030	92	3-5/8"	YY1092030
32	1-1/4"	YY1032030	95	3-3/4"	YY1095030
33	1-5/16"	YY1033030	98	3-7/8"	YY1098030
35	1-3/8"	YY1035030	102	4"	YY1102030
37	1-7/16"	YY1037030	105	4-1/8"	YY1105030
38	1-1/2"	YY1038030	108	4-1/4"	YY1108030
40	1-9/16"	YY1040030	111	4-3/8"	YY1111030
41	1-5/8"	YY1041030	114	4-1/2"	YY1114030
43	1-11/16"	YY1043030	121	4-3/4"	YY1121030
44	1-3/4"	YY1044030	127	5"	YY1127030
46	1-13/16"	YY1046030	133	5-1/4"	YY1133030
48	1-7/8"	YY1048030	140	5-1/2"	YY1140030
51	2"	YY1051030	146	5-3/4"	YY1146030
52	2-1/16"	YY1052030	152	6"	YY1152030
54	2-1/8"	YY1054030	165	6-1/2"	YY1165030
57	2-1/4"	YY1057030	178	7"	YY1178030

Accessories for carbon steel hole saw

Photos	Descriptions	Art. 320-
	1/4" Hex Shank Arbor with 1/4" Pilot drill	YY2001401
	1/4" Hex Shank Arbor with 15/64" Pilot drill	YY2015641
	3/8" Hex Shank Arbor with 1/4" Pilot drill	YY2001402
	3/8" Hex Shank Arbor with 15/64" Pilot drill	YY2015642
	1/4" Quick Change Hex Shank Arbor with 1/4" Pilot drill	YY2014141
	Allen Key 2.5mm	YY2000001
	Reinforced metal plate	YY200002



321 三尖木工钻
Brad point wood drill bit

★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★

Suitable for drilling hardwood, plywood, chipboard, and all natural hard and soft wood..

mm Ø	mm	mm		HCS Steel Art. 321-	CV Steel Art. 321-	HSS Steel Art. 321-
3	33	60	3	YY10306000	YY20306000	YY30306000
4	40	75	4	YY10407500	YY20407500	YY30407500
5	50	85	5	YY10508500	YY20508500	YY30508500
6	60	97	6	YY10609700	YY20609700	YY30609700
7	69	104	7	YY10710400	YY20710400	YY30710400
8	75	117	8	YY10811700	YY20811700	YY30811700
9	80	120	9	YY10912000	YY20912000	YY30912000
10	87	133	10	YY11013300	YY21013300	YY31013300
11	89	142	10	YY11114200	YY21114200	YY31114200
12	96	151	10	YY11215100	YY21215100	YY31215100
13	96	151	10	YY11315100	YY21315100	YY31315100
14	108	160	10	YY11416000	YY21416000	YY31416000
15	114	169	10	YY11516900	YY21516900	YY31516900
16	120	178	10	YY11617800	YY21617800	YY31617800
18	120	180	10	YY11818000	YY21818000	YY31818000
20	130	200	13	YY12020000	YY22020000	YY32020000
22	140	210	13	YY12221000	YY22221000	YY32221000
24	140	210	13	YY12421000	YY22421000	YY32421000
25	150	220	13	YY12522000	YY22522000	YY32522000
26	150	220	13	YY12622000	YY22622000	YY32622000
28	150	220	13	YY12822000	YY22822000	YY32822000
30	150	220	13	YY13022000	YY23022000	YY33022000
6	200	250	6	YY10625000	YY20625000	YY30625000
8	200	250	8	YY10825000	YY20825000	YY30825000
10	200	250	10	YY11025000	YY21025000	YY31025000
12	200	250	10	YY11225000	YY21225000	YY31225000
14	200	250	10	YY11425000	YY21425000	YY31425000
16	200	250	10	YY11625000	YY21625000	YY31625000
18	200	250	10	YY11825000	YY21825000	YY31825000
20	200	250	13	YY12025000	YY22025000	YY32025000



322 木塞钻
Plug cutter

★★★ ★★★ ★★☆ ★★☆ ★★☆ ★★★ ★★☆ ★★☆

Plug cutter can make perfect plugs for counterbored holes. Achieves practically invisible finish when same timber is used.

mm Ø	inch Ø	mm		Round Cutter Art. 322-	4 Claw Cutter Art. 322-
6	1/4"	75	6.35mm / 1/4"	YY10600750	YY20600750
8	5/16"	75	6.35mm / 1/4"	YY10800750	YY20800750
9	3/8"	75	6.35mm / 1/4"	YY10900750	YY20900750
10	13/32"	75	6.35mm / 1/4"	YY11000750	YY21000750
11	7/16"	75	6.35mm / 1/4"	YY11100750	YY21100750
12	15/32"	75	6.35mm / 1/4"	YY11200750	YY21200750
13	1/2"	75	6.35mm / 1/4"	YY11300750	YY21300750
14	9/16"	75	6.35mm / 1/4"	YY11400750	YY21400750
15	19/32"	75	6.35mm / 1/4"	YY11500750	YY21500750
16	5/8"	75	6.35mm / 1/4"	YY11600750	YY21600750
20	3/4"	75	6.35mm / 1/4"	YY12000750	YY22000750
22	7/8"	75	6.35mm / 1/4"	YY12200750	YY22200750
25	1"	75	6.35mm / 1/4"	YY12500750	YY22500750
28	1-1/8"	75	6.35mm / 1/4"	YY12800750	YY22800750
32	1-1/4"	75	6.35mm / 1/4"	YY13200750	YY23200750
35	1-3/8"	75	6.35mm / 1/4"	YY13500750	YY23500750
38	1-1/2"	75	6.35mm / 1/4"	YY13800750	YY23800750



323 螺丝起出器
Screw extractor

Screw extractors are for removing broken screws and bolts from the wood, chipboard, plywood, laminated wood, etc.

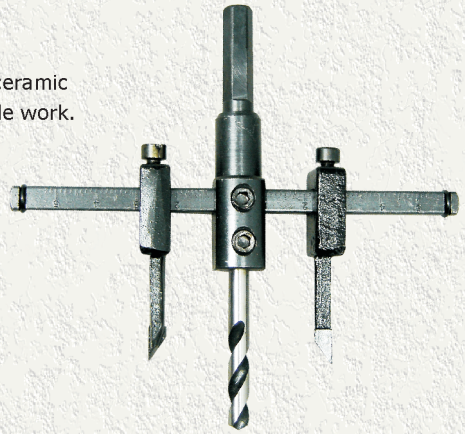
mm Ø	Screw #	mm	Flute Type	Cr steel Art. 323	CV steel Art. 323
2-3.3	#1	50	Spiral Flute	YY10100500	YY20100500
3-5.1	#2	60	Spiral Flute	YY10200600	YY20200600
3.8-6.15	#3	68	Spiral Flute	YY10300680	YY20300680
5.4-8.7	#4	75	Spiral Flute	YY10400750	YY20400750
6.35-11.1	#5	85	Spiral Flute	YY10500850	YY20500850
9.5-15	#6	90	Spiral Flute	YY10600900	YY20600900
13.2-20	#7	105	Spiral Flute	YY10701050	YY20701050
18.8-26	#8	112	Spiral Flute	YY10801120	YY20801120
2-3.3	#1	50	Straight Flute	YY10100501	YY20100501
3-5.1	#2	60	Straight Flute	YY10200601	YY20200601
3.8-6.15	#3	68	Straight Flute	YY10300681	YY20300681
5.4-8.7	#4	75	Straight Flute	YY10400751	YY20400751
6.35-11.1	#5	85	Straight Flute	YY10500851	YY20500851
9.5-15	#6	90	Straight Flute	YY10600901	YY20600901
13.2-20	#7	105	Straight Flute	YY10701051	YY20701051
18.8-26	#8	112	Straight Flute	YY10801121	YY20801121



324 木工可调飞机钻
Adjustable circle hole cutter

Professional for drilling different sizes of big diameter holes in wood, metal board,ceramic with different teeth type cutter and pilot drill. Especially good for ceiling drilling hole work.

mm Ø	inch Ø	Pilot drill& Cutter Type	Applications	Art. 324-
30-120	1-1/8" to 5"	HCS	Wood	YY13012001
30-120	1-1/8" to 5"	HSS	Wood,Metal	YY13012002
30-120	1-1/8" to 5"	Carbide Tipped	Wood,Ceramic	YY13012003
30-200	1-1/8" to 8"	HCS	Wood	YY13020001
30-200	1-1/8" to 8"	HSS	Wood,Metal	YY13020002
30-200	1-1/8" to 8"	Carbide Tipped	Wood,Ceramic	YY13020003
30-250	1-1/8" to 10"	HCS	Wood	YY13025001
30-250	1-1/8" to 10"	HSS	Wood,Metal	YY13025002
30-250	1-1/8" to 10"	Carbide Tipped	Wood,Ceramic	YY13025003
40-260	1-3/5" to 10-3/8"	HCS	Wood	YY14026001
40-260	1-3/5" to 10-3/8"	HSS	Wood,Metal	YY14026002
40-260	1-3/5" to 10-3/8"	Carbide Tipped	Wood,Ceramic	YY14026003
40-300	1-3/5" to 12"	HCS	Wood	YY14030001
40-300	1-3/5" to 12"	HSS	Wood,Metal	YY14030002
40-300	1-3/5" to 12"	Carbide Tipped	Wood,Ceramic	YY14030003



325 方孔钻
Mortise chisel

★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★

Use it with mortise machines to cut square holes in various wood.rk.

mm Ø	inch Ø	mm	mm	Art. 325
6	1/4"	110	185	YY10618501
8	5/16"	110	185	YY10818501
10	3/8"	140	210	YY11021001
13	1/2"	140	210	YY11321001
14	9/16"	140	210	YY11421001
16	5/8"	140	210	YY11621001
19	3/4"	160	225	YY11922501
22	7/8"	160	225	YY12222501
25	1"	160	225	YY12522501





326 自切钻
Self-feed bit

★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★

Professional drilling holes in various hard and soft wood, plywood, chipboard, plastic board, laminated wood,etc. It can drill ahead by itself, no pressure. Casting type.

inch Ø	mm	Middle Shank Diameter(mm)	Distance of Hex Shank Subtense (mm)	Cutter Type	Art. 326
1"	117	14	11.11	Double Cutter	YY10100117
1-1/8"	117	14	11.11	Double Cutter	YY11108117
1-1/4"	117	16	11.11	Double Cutter	YY11140117
1-3/8"	117	16	11.11	Double Cutter	YY11380117
1-1/2"	117	16	11.11	Double Cutter	YY11120117
1-3/4"	117	16	11.11	Double Cutter	YY11340117
2"	117	20	11.11	Double Cutter	YY10200117
2-1/8"	117	20	11.11	Double Cutter	YY12180117
2-1/4"	117	20	11.11	Double Cutter	YY12140117
2-9/16"	117	20	11.11	Double Cutter	YY12916117
3"	147	28	11.11	Double Cutter	YY10300147
3-5/8"	147	28	11.11	Double Cutter	YY13580147
4-5/8"	147	28	11.11	Double Cutter	YY14580147
1"	115	15	11.11	Single Cutter	YY10100115
1-1/8"	115	15	11.11	Single Cutter	YY11180115
1-1/4"	115	16	11.11	Single Cutter	YY11140115
1-3/8"	115	16	11.11	Single Cutter	YY11380115
1-1/2"	115	16	11.11	Single Cutter	YY11120115
1-3/4"	115	17	11.11	Single Cutter	YY11340115
2"	115	17	11.11	Single Cutter	YY10200115
2-1/8"	115	17	11.11	Single Cutter	YY12180115
2-1/4"	115	17	11.11	Single Cutter	YY12140115
2-9/16"	115	17	11.11	Single Cutter	YY12916115





Double cutter





Single cutter

341 机用木工锉
Wood rasp&file

- Professional for polishing wood surface and sections to remove the burrs.
- 6mm Diameter shank.

Art. 341-
YY1000001
YY1000002
YY1000003
YY1000004
YY1000005
YY1000006
YY1000007


Art. No. YY1000001


Art. No.YY1000002


Art. No.YY1000003


Art. No.YY1000007


Art. No.YY1000004


Art. No,YY1000005


Art. No. YY1000006

342 木工可调扁钻
Extension flat wood bit

★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★

- Professional drilling holes in various hard and soft wood,plywood,chipboard, plastic board, etc.

mm ⌀	inch ⌀	mm	Art. 342
22-75	7/8" to 3"	190	YY102275190
15-45	5/8" to 1-3/4"	128	YY101545128
22-45	7/8" to 1-3/4"	170	YY102245170
70-100	2-3/4" to 4"	170	YY170100170
15-45	5/8" to 1-3/4"	128	YY111545128
22-75	7/8" to 3"	190	YY112275190


Art. No. YY102245170


Art. No. YY170100170


Art. No.YY102275190


Art. No. YY101545128


Art. No. YY111545128


Art. No. YY112275190

350 锯钻
Saw drill

★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★ ★★★

- Be used as a drill, saw, rotary file, reamer and router, which is made of HSS and Tin-coated for extended life. HSS saw drill can also be used for metal drilling work.

mm ⌀	inch ⌀	mm	mm	Cylinder Shank Art. 350	Hex Shank Art. 350
3	1/8"	35	61	YY10335061	YY20335061
4	5/32"	48	75	YY10448075	YY20448075
5	3/16"	53	85	YY10553085	YY20553085
6	7/32"	56	87	YY10656087	YY20656087
6.5	1/4"	56	87	YY16556087	YY26556087
8	5/16"	65	95	YY10865095	YY20865095
9	11/32"	68	103	YY10968103	YY20968103
10	3/8"	72	110	YY11072110	YY21072110
12	15/32"	78	118	YY11278118	YY21278118
13	1/2"	90	130	YY11390130	YY21390130



351 套孔钻
Tenon dowel&plug cutter

★★★ ★★★ ★★★ ★★★ ★★☆ ★★★ ★★☆ ★★☆

Blade Diameter (mm)	Outer Diameter (mm)	mm		Art. 351
8	17.5	140	13	YY10814013
10	21.0	140	13	YY11014013
12	23.5	140	13	YY11214013
14	25.5	140	13	YY11414013
15	26.5	140	13	YY11514013
16	28.0	140	13	YY11614013
18	30.0	140	13	YY11814913
20	32.0	140	13	YY12014013
22	34.0	140	13	YY12214013
24	36.0	140	13	YY12414013
25	37.0	140	13	YY12514013
26	38.0	140	13	YY12614013
28	40.0	140	13	YY12814013
30	42.0	140	13	YY13014013
32	44.0	160	16	YY13216016
35	47.0	160	16	YY13516016
36	48.0	160	16	YY13616016
38	50.0	160	16	YY13816016
40	52.0	160	16	YY14016016
45	57.0	160	16	YY14516016
50	62.0	160	16	YY15016016
55	67.0	160	16	YY15516016
60	72.0	160	16	YY16016016



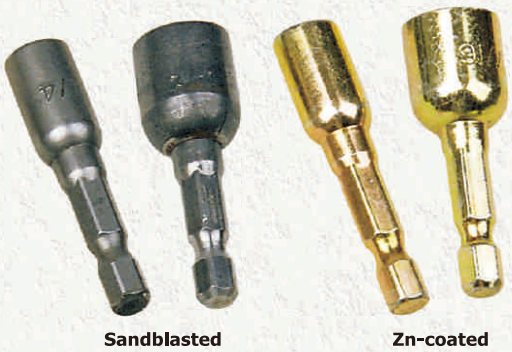
7033 套筒
Nutsetter & Nutdriver

Nutsetters are for driving hex nuts and screws. Cr-V steel materials guarantee the good torque.
With DIN 6.35E & DIN 6.35C hex shank

Fit nut head size mm	Fit nut head size inch	Overall Length mm	Type	Art. 7033-
4	5/32"	34	Non-magnet	YY10004034
5	3/16"	34	Non-magnet	YY10005034
5.5	7/32"	36	Non-magnet	YY10005536
6	1/4"	36	Non-magnet	YY10006036
7	9/32"	36	Non-magnet	YY10007036
8	5/16"	38	Non-magnet	YY10008038
9	11/32"	38	Non-magnet	YY10009038
10	3/8"	38	Non-magnet	YY10010038
11	7/16"	38	Non-magnet	YY10011038
12	15/32"	38	Non-magnet	YY10012038
13	1/2"	38	Non-magnet	YY10013038



Fit nut head size mm	Fit nut head size inch	Overall Length mm	Type	Sandblasted Art. 7033-	Zn-coated Art. 7033-
6	1/4"	42	Magnetic	YY20006042	YY20106042
8	5/16"	42	Magnetic	YY20008042	YY20108042
10	3/8"	42	Magnetic	YY20010042	YY20110042
11	7/16"	42	Magnetic	YY20011042	YY20111042
12	15/32"	42	Magnetic	YY20012042	YY20112042
13	1/2"	42	Magnetic	YY20013042	YY20113042
6	1/4"	45	Magnetic	YY20006045	YY20106045
8	5/16"	45	Magnetic	YY20008045	YY20108045
10	3/8"	45	Magnetic	YY20010045	YY20110045
11	7/16"	45	Magnetic	YY20011045	YY20111045
12	15/32"	45	Magnetic	YY20012045	YY20112045
13	1/2"	45	Magnetic	YY20013045	YY20113045
6	1/4"	48	Magnetic	YY20006048	YY20106048
8	5/16"	48	Magnetic	YY20008048	YY20108048
10	3/8"	48	Magnetic	YY20010048	YY20110048
11	7/16"	48	Magnetic	YY20011048	YY20111048
12	15/32"	48	Magnetic	YY20012048	YY20112048
13	1/2"	48	Magnetic	YY20013048	YY20113048

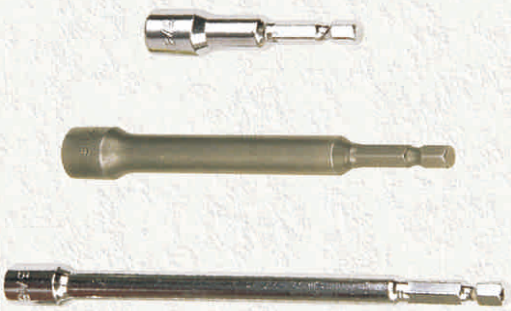


Sandblasted Zn-coated

7033 套筒
Nutsetter & Nutdriver

Magnetic nutsetters are for driving hex nuts and screws. Cr-V steel materials guarantee the good torque.
With DIN 6.35E hex shank

Fit nut head size mm	Fit nut head size inch	Overall Length mm	Type	Sandblasted Art. 7033-	Cr-coated Art. 7033-
6	1/4"	65	Magnetic	YY30006065	YY30106065
8	5/16"	65	Magnetic	YY30008065	YY30108065
10	3/8"	65	Magnetic	YY30010065	YY30110065
11	7/16"	65	Magnetic	YY30011065	YY30111065
12	15/32"	65	Magnetic	YY30012065	YY30112065
13	1/2"	65	Magnetic	YY30013065	YY30113065
6	1/4"	100	Magnetic	YY30006100	YY30106100
8	5/16"	100	Magnetic	YY30008100	YY30108100
10	3/8"	100	Magnetic	YY30010100	YY30110100
11	7/16"	100	Magnetic	YY30011100	YY30111100
12	15/32"	100	Magnetic	YY30012100	YY30112100
13	1/2"	100	Magnetic	YY30013100	YY30113100
6	1/4"	150	Magnetic	YY30006150	YY30106150
8	5/16"	150	Magnetic	YY30008150	YY30108150
10	3/8"	150	Magnetic	YY30010150	YY30110150
11	7/16"	150	Magnetic	YY30011150	YY30111150
12	15/32"	150	Magnetic	YY30012150	YY30112150
13	1/2"	150	Magnetic	YY30013150	YY30113150



1001 螺丝批头和快换接杆
Screwdriver bit & Quick change connector

Art. 1001-	Descriptions
YY10080001	Connector with SDS-plus shank to fit DIN 6.35E shank bits
YY10080002	80mm OL Magnetic bit guide driver to fit DIN 6.35C shank bit 25mm L .
YY10080003	120mm OL Magnetic bit guide driver to fit DIN 6.35C shank bit 25mm L.
YY10080004	50mm OL Magnetic quick change adapter to fit 6.35E&C shank bit.
YY10080005	75mm OL Magnetic quick change adapter to fit 6.35E&C shank bit.
YY10080006	50mm OL Magnetic quick change adapter stainless steel 1pc structure to fit DIN 6.35E&C shank bit.
YY10080007	50mm OL Magnetic adapter to fit DIN 6.35C shank bit 25mm L.
YY10080008	75mm OL Magnetic adapter to fit DIN 6.35C shank bit 25mm L.
YY10080009	50mm OL Magnetic stainless steel 1pc structure adapter to fit DIN6.35C shank bit 25mm L
YY10080010	75mm OL Magnetic stainless steel 1pc structure adapter to fit DIN 6.35C shank bit 25mm L.
YY10080011	60mm OL Magnetic quick change connector to fit DIN 6.35E shank bit.
YY10080012	60mm OL Magnetic quick change connector to fit DIN 6.35E shank bit.
YY10080013	Auto-lock type 65mm OL Magnetic quick change connector to fit DIN 6.35E shank bit.
YY10080014	Angle bit driver with DIN 6.35 Hex shank



YY10080001



YY10080002 & YY10080003



YY10080004 & YY10080005



YY10080006



YY10080013



YY10080014



YY10080007 & YY10080008



YY10080009 & YY10080010



YY10080011



YY10080012