

ADVICE AND SERVICE FROM SHIWEI



Maximum reliability and high performance, even in extreme conditions, this is hallmark of SHIWEI tools. Regular maintenance and care, combined with attentive customer service, play a vital role in guaranteeing the tools' operational efficiency and reliability well into the future.

SHIWEI dealers are happy to provide you with advice on selecting the right product to meet your needs, and they also give you useful tips on using the tools correctly and offer you professional service. This gives you the assurance that your SHIWEI machine will be a pleasure to use for many years.

Every SHIWEI product is backed by a comprehensive guarantee, the period of which varies according to model. If your tools requires servicing or repair under warranty, contact

your SHIWEI authorized dealer. The SHIWEI service organization has original SHIWEI parts in stock for you. Always use original spare parts with the logo "SHIWEI" to ensure maximum performance, reliability and service life from your SHIWEI tools.

It is very important to study the entire owner's manual prior to initial operation and to take sufficient care when using a SHIWEI product, while always adhering to the safety instructions. If used incorrectly, all products can be a source of potential danger to the user, onlookers, animals, or nearby objects. Non-compliance could result in death or serious injury.

www.shiwei.com

Your SHIWEI stockist



One Choice All Solved

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TWIST DRILLS
TAPS
HEXAGONAL THREADING DIE
REAMERS WITH BITS HANDLE
DEBURRING TOOLS
END MILLS

CATALOG



has a policy of continuous improvement

and reserves the right to change models and specifications without prior notification

MORE THAN 38 YEARS OF US



Time flies. More than 38 years of us, **SOLID** hardware tools Co.,Ltd is located in the beautiful ancient city of Yangzhou. Our company was established in the beginning of 1980's, specialized in the manufacture of cutting tools, hardware etc. We have constantly kept fine quality and enjoyed a good reputation among users both at home and abroad.

Through the years we always wanted to do things better."Listen properly to customers' wishes and make sure you live up to expectations"...We stick to enterprise spirit of "pursuing reality, recreating fresh, exploring and progressing",we will sincerely cooperate with customers from all over the world.

At the **SOLID** Company we are constantly upgrading our technology to provide our customers with leading edge products that perform. Not only do we provide our customers with top quality machining and tooling, we know that to keep them coming back to the SHIWEI Company we must provide superior customer care and top quality performance.

SOLID Hardware Tools Co.,Ltd was established to produce high quality products in 2009 in Yangzhou in order to meet the need of customers.SOLID Hardware Tools Co.,Ltd has almost 18000m² space. At now we put 6000m² for production and 1100m² for office.

Through our 35 years of experience, we have recognized that providing superior service does not end with a quality product-it takes products, service, and performance. We pride ourselves on being a value-added operation, offering you service from beginning to end and everywhere in between.



PRODUCTS

SHIWEI produce and supply our customers with products they can count on and quality.

For each single product the emphasis is on safety, diversity and quality. We provide an extensive package of expert products.



SAFETY

All SHIWEI tools are designed for the world market. Obviously all user safety regulations have been met.

SHIWEI has taken all of these requirements into account and therefore puts nothing but the safest products into the market.



QUALITY GUARANTEED

At each production phase all SHIWEI tools are subjected to the strictest quality checks. Quality inspectors study each component with the utmost care to guarantee nothing but the best quality.

Once all tested products have been packaged, they are stored in the factory warehouses. Subsequently machines are randomly taken away from stock, dismantled entirely at the test center, accurately remeasured and checked. When everything is seen to be in perfect order the products may leave the factory.



CUSTOMIZATION SOLUTION

In order to help our customers enjoy high-quality services around the world.

Our company provide the **"One Choice Solved All"** project, including new project"special solution to the problem".

- 1.Comprehensively customized non-standard tool
- 2.Improve product quality
 - Cutting performance improvement.
 - Durability and Heat Resistance improvement.



SERVICE AND SUPPORT

Not only does SHIWEI provide top quality equipment, we bring you uncompromised service as well. Our knowledgeable sales staff is on call 24 hours a day to answer your questions or provide on-site service.

SHIWEI dedicates careful attention to informing the distribution partners. By offering intensive support to our dealers/wholesalers we help them choose the right products.

CONTENTS

**TWIST DRILLS**

06-23

TWIST DRILLS WITH BITS HANDLE	08
DIN338 TWIST DRILLS WITH 1/4" QUICK CHANGE SHANK	10
DIN338 TWIST DRILLS WITH JAPANESE QUICK CHANGE SHANK	12
TWIST HSS DRILL WITH SPECIAL SHANK	14
NEW TYPE MUSHROOM DRILL	16
NEW TYPE WOOD DRILL	16
CENTER DRILL	18
TWIST DRILL SETS	20

**TAPS**

24-31

TAPS WITH BITS HANDLE	26
TAPS WITH 1/4" QUICK CHANGE SHANK	27
TAPS WITH JAPANESE QUICK CHANGE SHANK	27
TAPS WITH SPECIAL SHANK	28
MACHINE DRILL AND TAPS	28
COMBINATION DRILL TAP AND COUNTERSINKS	29
TAP SETS	30

**HEXAGONAL THREADING DIE**

32-33

**REAMERS WITH BITS HANDLE**

34-35

**DEBURRING TOOLS**

36-39

HAND TAPS	38
HAND REAMERS SETS	38
HAND COUNTERSINK AND REAMERS	39
BRIDGE REAMERS WITH SPECIAL SHANK	40
BRIDGE REAMERS WITH SPECIAL SHANK (JAPANESE MARKET)	41

**END MILLS**

42-49

4 FLUTES END MILLS	45
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TWIST DRILLS

- High accuracy
- High safety against rupture
- Optimal employment at materials up to 800-1200 N/mm²
- Ground from the SHIWEI material
- High heat resistance
- Long tool file
- Designed to drill : stainless and acid resistant steel, case hardening steel, titanium
- For any standard cordless drill, because off 1/4" hexagonal shank
- Quick rechucking
- Fits for all bit holders
- Also for conventional drill chucks

Material Sheet

China	European	American	Japanese	HRC
HSS6542	HSS	M2	SKH-51	63-65
HSS Co5	HSS-E	M35	SKH-55	64-66

HSS Co5 is a development of **HSS6542** and contains 5% cobalt which gives improved hardness, wear resistance and red hardness. It may be used when cutting higher strength materials.

Mechanical Application

- * stationary drills
- * flexible cord hand drills
- * battery-powered drills / triple jaw chucks

Technical Information

- With 1/4 Inch drill shaft (DIN 3126)

Application

- For drilling holes to fit threads.

How to understand our Article No.

The diagram illustrates the components of an article number:

- Product category:** Represented by a 'PRODUCT CATEGORY' icon.
- Material:** Includes 'HSS' (Me-A) and 'HSS-Co 5%' (HSS CO-B).
- Handle:** Represented by a '1/4"' icon and the letter 'H'.
- Drilling Range:** Includes numerical values '48', '100', and '00', along with a 'mm' icon.
- Surface treatment:** Includes 'NATURAL', 'TiN', and 'TiAlN', with corresponding color swatches and labels 'Natural color-G', 'Ti-T', and 'TiAl-L'.

TWIST DRILLS



Drilling Range(mm)	Length(mm)	Handleφ (mm)	Article No.					
			NATURAL	TiN	TiAlN	NATURAL	TiN	TiAlN
1.0	32	1/4	4810000AGH	4810000ATH	4810000ALH	4810000BGH	4810000BTH	4810000BLH
1.5	32	1/4	4815000AGH	4815000ATH	4815000ALH	4815000BGH	4815000BTH	4815000BLH
2.0	34	1/4	4820000AGH	4820000ATH	4820000ALH	4820000BGH	4820000BTH	4820000BLH
2.5	36	1/4	4825000AGH	4825000ATH	4825000ALH	4825000BGH	4825000BTH	4825000BLH
3.0	38	1/4	4830000AGH	4830000ATH	4830000ALH	4830000BGH	4830000BTH	4830000BLH
3.3	40	1/4	4833000AGH	4833000ATH	4833000ALH	4833000BGH	4833000BTH	4833000BLH
3.5	40	1/4	4835000AGH	4835000ATH	4835000ALH	4835000BGH	4835000BTH	4835000BLH
4.0	44	1/4	4840000AGH	4840000ATH	4840000ALH	4840000BGH	4840000BTH	4840000BLH
4.2	45	1/4	4842000AGH	4842000ATH	4842000ALH	4842000BGH	4842000BTH	4842000BLH
4.5	46	1/4	4845000AGH	4845000ATH	4845000ALH	4845000BGH	4845000BTH	4845000BLH
4.8	50	1/4	4848000AGH	4848000ATH	4848000ALH	4848000BGH	4848000BTH	4848000BLH
5.0	50	1/4	4850000AGH	4850000ATH	4850000ALH	4850000BGH	4850000BTH	4850000BLH
5.5	50	1/4	4855000AGH	4855000ATH	4855000ALH	4855000BGH	4855000BTH	4855000BLH
6.0	50	1/4	4860000AGH	4860000ATH	4860000ALH	4860000BGH	4860000BTH	4860000BLH
6.5	50	1/4	4865000AGH	4865000ATH	4865000ALH	4865000BGH	4865000BTH	4865000BLH
6.8	50	1/4	4868000AGH	4868000ATH	4868000ALH	4868000BGH	4868000BTH	4868000BLH
7.0	50	1/4	4870000AGH	4870000ATH	4870000ALH	4870000BGH	4870000BTH	4870000BLH
7.5	51	1/4	4875000AGH	4875000ATH	4875000ALH	4875000BGH	4875000BTH	4875000BLH
8.0	51	1/4	4880000AGH	4880000ATH	4880000ALH	4880000BGH	4880000BTH	4880000BLH
8.5	53	1/4	4885000AGH	4885000ATH	4885000ALH	4885000BGH	4885000BTH	4885000BLH
9.0	53	1/4	4890000AGH	4890000ATH	4890000ALH	4890000BGH	4890000BTH	4890000BLH
9.5	54	1/4	4895000AGH	4895000ATH	4895000ALH	4895000BGH	4895000BTH	4895000BLH
10.0	54	1/4	4810000AGH	4810000ATH	4810000ALH	4810000BGH	4810000BTH	4810000BLH
10.2	54	1/4	4810200AGH	4810200ATH	4810200ALH	4810200BGH	4810200BTH	4810200BLH

TWIST DRILLS



HSS/HSS-Co

DIN338 TWIST DRILLS WITH 1/4" QUICK CHANGE SHANK



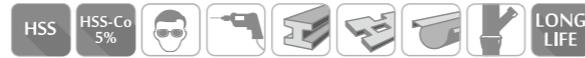
Drilling Range(mm)	Length(mm)	Handleφ (mm)	Article No.					
1.0	32	1/4	4910000AGH	4910000ATH	4910000ALH	4910000BGH	4910000BTH	4910000BLH
1.5	32	1/4	4915000AGH	4915000ATH	4915000ALH	4915000BGH	4915000BTH	4915000BLH
2.0	34	1/4	4920000AGH	4920000ATH	4920000ALH	4920000BGH	4920000BTH	4920000BLH
2.5	36	1/4	4925000AGH	4925000ATH	4925000ALH	4925000BGH	4925000BTH	4925000BLH
3.0	38	1/4	4930000AGH	4930000ATH	4930000ALH	4930000BGH	4930000BTH	4930000BLH
3.3	40	1/4	4933000AGH	4933000ATH	4933000ALH	4933000BGH	4933000BTH	4933000BLH
3.5	40	1/4	4935000AGH	4935000ATH	4935000ALH	4935000BGH	4935000BTH	4935000BLH
4.0	44	1/4	4940000AGH	4940000ATH	4940000ALH	4940000BGH	4940000BTH	4940000BLH
4.2	45	1/4	4942000AGH	4942000ATH	4942000ALH	4942000BGH	4942000BTH	4942000BLH
4.5	46	1/4	4945000AGH	4945000ATH	4945000ALH	4945000BGH	4945000BTH	4945000BLH
4.8	50	1/4	4949000AGH	4949000ATH	4949000ALH	4949000BGH	4949000BTH	4949000BLH
5.0	50	1/4	4950000AGH	4950000ATH	4950000ALH	4950000BGH	4950000BTH	4950000BLH
5.5	50	1/4	4955000AGH	4955000ATH	4955000ALH	4955000BGH	4955000BTH	4955000BLH
6.0	50	1/4	4960000AGH	4960000ATH	4960000ALH	4960000BGH	4960000BTH	4960000BLH
6.5	50	1/4	4965000AGH	4965000ATH	4965000ALH	4965000BGH	4965000BTH	4965000BLH
6.8	50	1/4	4968000AGH	4968000ATH	4968000ALH	4968000BGH	4968000BTH	4968000BLH
7.0	50	1/4	4970000AGH	4970000ATH	4970000ALH	4970000BGH	4970000BTH	4970000BLH
7.5	51	1/4	4975000AGH	4975000ATH	4975000ALH	4975000BGH	4975000BTH	4975000BLH
8.0	51	1/4	4980000AGH	4980000ATH	4980000ALH	4980000BGH	4980000BTH	4980000BLH
8.5	53	1/4	4985000AGH	4985000ATH	4985000ALH	4985000BGH	4985000BTH	4985000BLH
9.0	53	1/4	4990000AGH	4990000ATH	4990000ALH	4990000BGH	4990000BTH	4990000BLH
9.5	54	1/4	4995000AGH	4995000ATH	4995000ALH	4995000BGH	4995000BTH	4995000BLH
10.0	54	1/4	4910000AGH	4910000ATH	4910000ALH	4910000BGH	4910000BTH	4910000BLH
10.2	54	1/4	4910200AGH	4910200ATH	4910200ALH	4910200BGH	4910200BTH	4910200BLH

TWIST DRILLS



Drilling Range(mm)	Length(mm)	Handleφ (mm)	Article No.					
mm			1/4"			1/4"		
			NATURAL	TiN	TiALN	NATURAL	TiN	TiALN
1.0	32	1/4	5010000AGH	5010000ATH	5010000ALH	5010000BGH	5010000BTH	5010000BLH
1.5	32	1/4	5015000AGH	5015000ATH	5015000ALH	5015000BGH	5015000BTH	5015000BLH
2.0	34	1/4	5020000AGH	5020000ATH	5020000ALH	5020000BGH	5020000BTH	5020000BLH
2.5	36	1/4	5025000AGH	5025000ATH	5025000ALH	5025000BGH	5025000BTH	5025000BLH
3.0	38	1/4	5030000AGH	5030000ATH	5030000ALH	5030000BGH	5030000BTH	5030000BLH
3.3	40	1/4	5033000AGH	5033000ATH	5033000ALH	5033000BGH	5033000BTH	5033000BLH
3.5	40	1/4	5035000AGH	5035000ATH	5035000ALH	5035000BGH	5035000BTH	5035000BLH
4.0	44	1/4	5040000AGH	5040000ATH	5040000ALH	5040000BGH	5040000BTH	5040000BLH
4.2	45	1/4	5042000AGH	5042000ATH	5042000ALH	5042000BGH	5042000BTH	5042000BLH
4.5	46	1/4	5045000AGH	5045000ATH	5045000ALH	5045000BGH	5045000BTH	5045000BLH
4.8	50	1/4	5050000AGH	5050000ATH	5050000ALH	5050000BGH	5050000BTH	5050000BLH
5.0	50	1/4	5050000AGH	5050000ATH	5050000ALH	5050000BGH	5050000BTH	5050000BLH
5.5	50	1/4	5055000AGH	5055000ATH	5055000ALH	5055000BGH	5055000BTH	5055000BLH
6.0	50	1/4	5060000AGH	5060000ATH	5060000ALH	5060000BGH	5060000BTH	5060000BLH
6.5	50	1/4	5065000AGH	5065000ATH	5065000ALH	5065000BGH	5065000BTH	5065000BLH
6.8	50	1/4	5068000AGH	5068000ATH	5068000ALH	5068000BGH	5068000BTH	5068000BLH
7.0	50	1/4	5070000AGH	5070000ATH	5070000ALH	5070000BGH	5070000BTH	5070000BLH
7.5	51	1/4	5075000AGH	5075000ATH	5075000ALH	5075000BGH	5075000BTH	5075000BLH
8.0	51	1/4	5080000AGH	5080000ATH	5080000ALH	5080000BGH	5080000BTH	5080000BLH
8.5	53	1/4	5085000AGH	5085000ATH	5085000ALH	5085000BGH	5085000BTH	5085000BLH
9.0	53	1/4	5090000AGH	5090000ATH	5090000ALH	5090000BGH	5090000BTH	5090000BLH
9.5	54	1/4	5095000AGH	5095000ATH	5095000ALH	5095000BGH	5095000BTH	5095000BLH
10.0	54	1/4	5010000AGH	5010000ATH	5010000ALH	5010000BGH	5010000BTH	5010000BLH
10.2	54	1/4	5010200AGH	5010200ATH	5010200ALH	5010200BGH	5010200BTH	5010200BLH

TWIST DRILLS

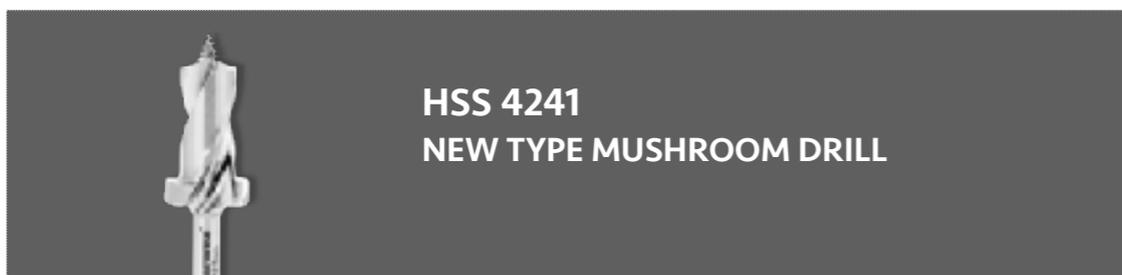


Size ϕ (mm)	Total Length(mm)	Shank Hexagon	Article No.			
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SPECIFICATION						
			NATURAL	TIN	NATURAL	TIN
4.2	47	11	6604200AGH	6604200ATH	6604200BGH	6604200BTH
5.0	47	11	6605000AGH	6604200ATH	6605000BGH	6605000BTH
5.5	47	11	6605500AGH	6604200ATH	6605500BGH	6605500BTH
6.0	47	11	6606000AGH	6604200ATH	6606000BGH	6606000BTH
6.5	47	11	6606500AGH	6604200ATH	6606500BGH	6606500BTH
6.8	47	11	6606800AGH	6604200ATH	6606800BGH	6606800BTH
7.0	47	11	6607000AGH	6604200ATH	6607000BGH	6607000BTH
7.5	47	11	6607500AGH	6604200ATH	6607500BGH	6607500BTH
8.0	47	11	6608000AGH	6604200ATH	6608000BGH	6608000BTH
8.5	47	11	6608500AGH	6604200ATH	6608500BGH	6608500BTH
9	47	11	6609000AGH	6604200ATH	6609000BGH	6609000BTH
9.5	47	11	6609500AGH	6604200ATH	6609500BGH	6609500BTH
10	47	11	6610000AGH	6604200ATH	6610000BGH	6610000BTH
10.2	47	11	6610200AGH	6604200ATH	6610200BGH	6610200BTH
10.5	47	11	6610500AGH	6604200ATH	6610500BGH	6610500BTH
11	47	11	6611000AGH	6604200ATH	6611000BGH	6611000BTH
12	47	11	6612000AGH	6604200ATH	6612000BGH	6612000BTH
12.5	47	11	6612500AGH	6604200ATH	6612500BGH	6612500BTH
13	47	11	6613000AGH	6604200ATH	6613000BGH	6613000BTH

NOTES:

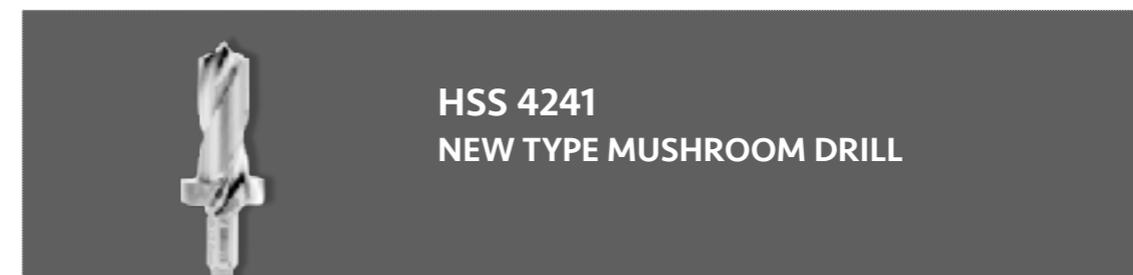
MUSHROOM & WOOD DRILL



**HSS 4241
NEW TYPE MUSHROOM DRILL**



Size ϕ (mm)	Overall Length(mm)	Spiral Length(mm)	Article No.	
			NATURAL	BLACK
5.9	73	26	80590DGR	80590DER
7.9	73	26	80790DGR	80790DER
8	73	26	80800DGR	80800DER
8.3	73	26	80830DGR	80830DER
8.5	73	26	80850DGR	80850DER
8.6	73	26	80860DGR	80860DER
8.8	73	26	80880DGR	80880DER
9	73	26	80900DGR	80900DER
9.2	73	26	80920DGR	80920DER
9.5	73	26	80950DGR	80950DER
10	75	28	80100DGR	80100DER
12	75	35	80120DGR	80120DER
12.5	75	35	80125DGR	80125DER
12.7	75	35	80127DGR	80127DER
13.5	77	35	80135DGR	80135DER
15	80	38	80150DGR	80150DER



**HSS 4241
NEW TYPE MUSHROOM DRILL**



Size ϕ (mm)	Overall Length(mm)	Spiral Length(mm)	Article No.	
			NATURAL	BLACK
5.9	66	26	80590DGH	80590DEH
7.9	66	26	80790DGH	80790DEH
8	66	26	80800DGH	80800DEH
8.3	66	26	80830DGH	80830DEH
8.5	66	26	80850DGH	80850DEH
8.6	66	26	80860DGH	80860DEH
8.8	66	26	80880DGH	80880DEH
9	66	26	80900DGH	80900DEH
9.2	66	26	80920DGH	80920DEH
9.5	66	26	80950DGH	80950DEH
10	68	28	80100DGH	80100DEH
12	68	28	80120DGH	80120DEH
12.5	68	28	80125DGH	80125DEH
12.7	68	28	80127DGH	80127DEH
13.5	70	28	80135DGH	80135DEH
15	73	31	80150DGH	80150DEH



**HSS 4241
NEW TYPE WOOD DRILL**



Size ϕ (mm)	Overall Length(mm)	Spiral Length(mm)	Article No.	
			NATURAL	BLACK
10	127	100	9110127DGH	9110127DEH

CENTER DRILL

FEATURES

- High accuracy
- High safety against rupture
- Optimal employment at materials up to 800-1200 N/mm²
- Ground from the SHIWEI material
- High heat resistance
- Long tool file
- Designed to drill : stainless and acid resistant steel, case hardening steel, titanium
- For any standard cordless drill, because off 1/4" hexagonal shank
- Quick rechucking
- Fits for all bit holders
- Also for conventional drill chucks

Material Sheet

China	European	American	Japanese	HRC
HSS6542	HSS	M2	SKH-51	63-65
HSS Co5	HSS-E	M35	SKH-55	64-66

HSS Co5 is a development of **HSS6542** and contains 5% cobalt which gives improved hardness, wear resistance and red hardness. It may be used when cutting higher strength materials.

Mechanical Application

- * stationary drills
- * flexible cord hand drills
- * battery-powered drills / triple jaw chucks

Application

- For drilling holes to fit threads.

How to understand our Article No.



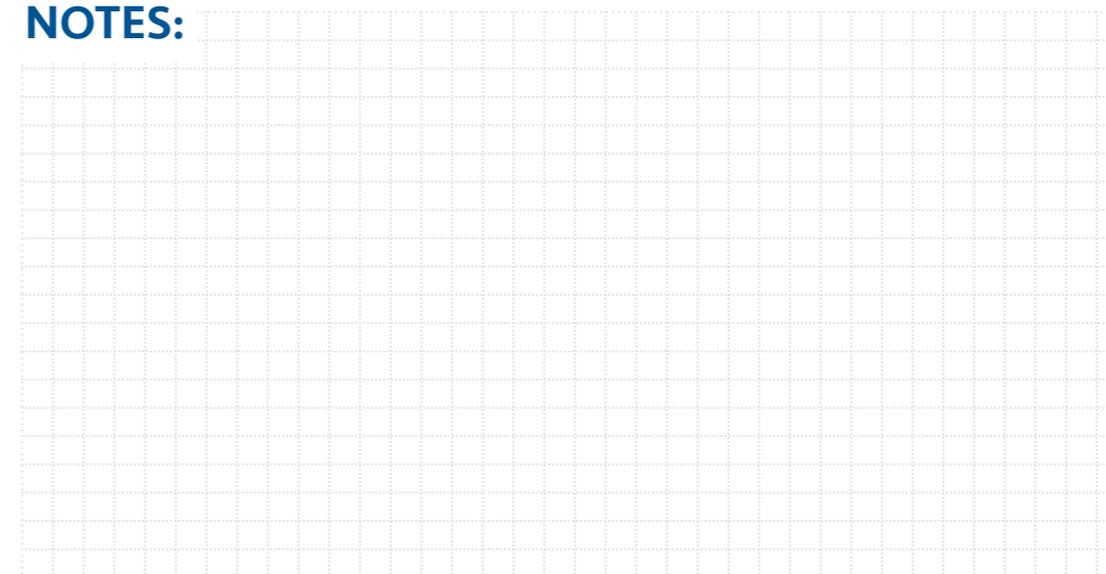
HSS / HSS-Co
CENTER DRILL



Total Length(mm)		Total Length(mm)		Article No.
1	4	35.5	4701000355AG60	4701000355BG60
1.25	5	40	4701250400AG60	4701250400BG60
1.6	6.3	45	4701600450AG60	4701600450BG60
2	8	50	4702000500AG60	4702000500BG60
2.5	10	56	4702500560AG60	4702500560BG60
3.15	11.2	60	4703150600AG60	4703150600BG60
4	14	67	4704000670AG60	4704000670BG60
5	18	75	4705000750AG60	4705000750BG60
6.3	20	80	4706300800AG60	4706300800BG60
8	25	100	4708001000AG60	4708001000BG60
10	31.5	125	4710001250AG60	4710001250BG60

Other sizes available on request !

NOTES:



TWIST DRILL SETS

How to understand our Article No.

SETS:

Product category: PRODUCT CATEGORY

Material: HSS, HSS-Co 5%
Me-A, HSS CO-B

Handle: ROUND, T, H

61 **01** **P00** **A** **G** **R**

Set Content:

6.3/8.3/10.4/12.4/16.5/20.5	01
6/8/10/12/16/20	02
10/10.4/20.5	03
16.5/20.5/25	04
6.3/8.3/12.4/16.5/25	05
2.5/5-10/10-15/15-20	06
3/4/5/6/8/10/12/	07
19PC 1.0-10 x0.5	08
13PCS 1/16"-1/4" By 1/64"	09

Packing Box: PLASTIC (P00), STEEL (L00), ROSE (R00), A00

Surface treatment: NATURAL, TiN
Natural color-G, Ti-T

060 **R0**

Set Content:

3.4.5.6.8.10	060
6.3,8.3,10.4,12.4,16.5,20.5	

Packing Box: ROSE (R0)

HSS / HSS-Co
19PCS HSS DRILL SET WITH 1/4" QUICK CHANGE SHANK

19-Flats Shaft

HSS, HSS-Co 5%, Safety, Drill, Metal, Wood, Plastic, Long Life

Set Content **Article No.**

19PC 1.0-10 x0.5

STEEL

NATURAL

TiN

6508100AGR

6508100ATR

HSS / HSS-Co
7PCS BITS HANDLE HSS DRILL SET

7-Flats Shaft

HSS, HSS-Co 5%, Safety, Drill, Metal, Wood, Plastic, Long Life

Set Content **Article No.**

3.4.5.6.8.10

ROSE

NATURAL

TiN

NATURAL

TiN

73060R0AGH

73060R0ATH

73060R0BGH

73060RBTH

HSS/HSS-Co
7PCS DRILL SET WITH 1/4" QUICK CHANGE SHANK

7-Flats Shaft

HSS, HSS-Co 5%, Safety, Drill, Metal, Wood, Plastic, Long Life

Set Content **Article No.**

3.4.5.6.8.10

ROSE

NATURAL

TiN

NATURAL

TiN

74060R0AGH

74060R0ATH

74060R0BGH

74060RBTH

SHIWEI® TAPS

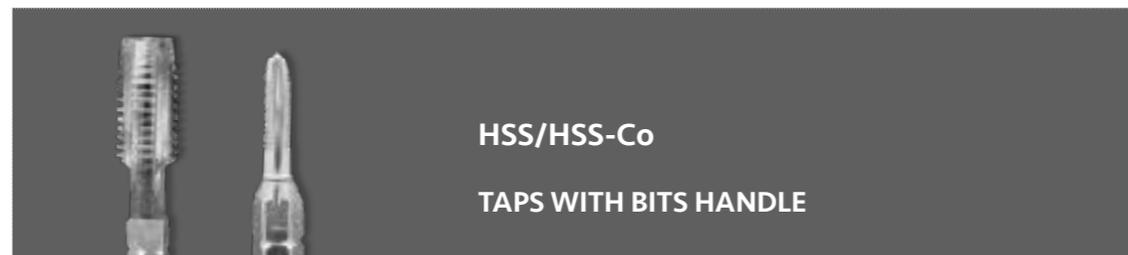


TAPS

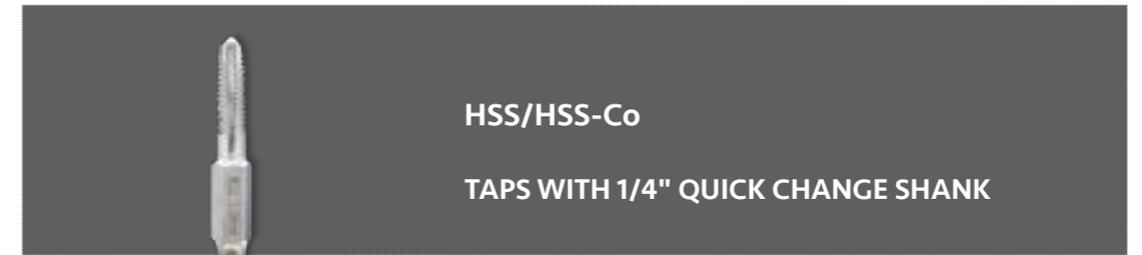
FEATURES

- High cutting performance
- Easy free cutting
- Connections not sealing in the thread
- For precise and gauge conform metric threads
- Ground hardened
- Optimal chip removal
- Profile-ground and backed off

How to understand our Article No.



Nominal Thread size & Pitch(mm)	Total Length	Flute Length	Article No.			
M			NATURAL	TiN	NATURAL	TiN
3x0.5	32	1/4	5130500AGH	5130500ATH	5130500BGH	5130500BTH
4x0.7	34	1/4	5140700AGH	5140700ATH	5140700BGH	5140700BTH
5x0.8	36	1/4	5150800AGH	5150800ATH	5150800BGH	5150800BTH
6x1.0	38	1/4	5161000AGH	5161000ATH	5161000BGH	5161000BTH
8x1.25	40	1/4	5181250AGH	5181250ATH	5181250BGH	5181250BTH
10x1.5	42	1/4	5110150AGH	5110150ATH	5110150BGH	5110150BTH

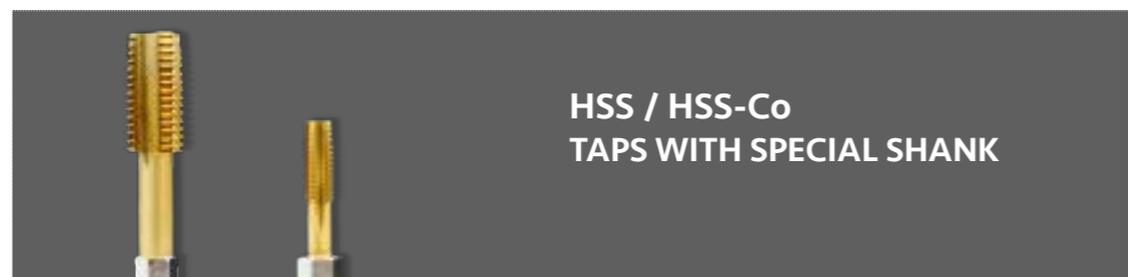


Nominal Thread size & Pitch(mm)	Total Length	Flute Length	Article No.			
M			NATURAL	TiN	NATURAL	TiN
3x0.5	44	1/4	5230500AGH	5230500ATH	5230500BGH	5230500BTH
4x0.7	46	1/4	5240700AGH	5240700ATH	5240700BGH	5240700BTH
5x0.8	48	1/4	5250800AGH	5250800ATH	5250800BGH	5250800BTH
6x1.0	50	1/4	5262000AGH	5262000ATH	5262000BGH	5262000BTH
8x1.25	52	1/4	5282250AGH	5282250ATH	5282250BGH	5282250BTH
10x1.5	54	1/4	5220250AGH	5220250ATH	5220250BGH	5220250BTH



Nominal Thread size & Pitch(mm)	Total Length	Flute Length	Article No.			
M			NATURAL	TiN	NATURAL	TiN
3x0.5	44	1/4	5330500AGH	5330500ATH	5330500BGH	5330500BTH
4x0.7	46	1/4	5340700AGH	5340700ATH	5340700BGH	5340700BTH
5x0.8	48	1/4	5350800AGH	5350800ATH	5350800BGH	5350800BTH
6x1.0	50	1/4	5363000AGH	5363000ATH	5363000BGH	5363000BTH
8x1.25	52	1/4	5383350AGH	5383350ATH	5383350BGH	5383350BTH
10x1.5	54	1/4	5330350AGH	5330350ATH	5330350BGH	5330350BTH

TAPS



HSS / HSS-Co
TAPS WITH SPECIAL SHANK



Size ϕ (mm)	Total Length(mm)	Shank Hexagon	Article No.			
M			NATURAL	TiN	NATURAL	TiN
8x1.25	60	11	6708125AGH	6708125ATH	6708125BGH	6708125BTH
10x1.5	70	11	6710150AGH	6710150ATH	6710150BGH	6710150BTH
12x1.75	80	11	6712175AGH	6712175ATH	6712175BGH	6712175BTH
16x2.0	90	11	6716200AGH	6716200ATH	6716200BGH	6716200BTH
20x2.0	100	11	6720200AGH	6720200ATH	6720200BGH	6720200BTH
24x3.0	110	11	6724300AGH	6724300ATH	6724300BGH	6724300BTH
30x3.5	120	11	6730350AGH	6730350ATH	6730350BGH	6730350BTH



HSS/HSS-Co
MACHINE DRILL AND TAPS



Nominal Thread size & Pitch(mm)	Total Length (mm)	Flute Length	Article No.			
M			NATURAL	TiN	NATURAL	TiN
3x0.5	45.58	20	5430500AGM	5430500ATM	5430500BGM	5430500BTM
4x0.7	50.46	24	5440700AGM	5440700ATM	5440700BGM	5440700BTM
5x0.8	57.63	28	5450800AGM	5450800ATM	5450800BGM	5450800BTM
6x1.0	61.24	32	5461000AGM	5461000ATM	5461000BGM	5461000BTM



HSS/HSS-Co
COMBINATION DRILL TAP AND COUNTERSINKS

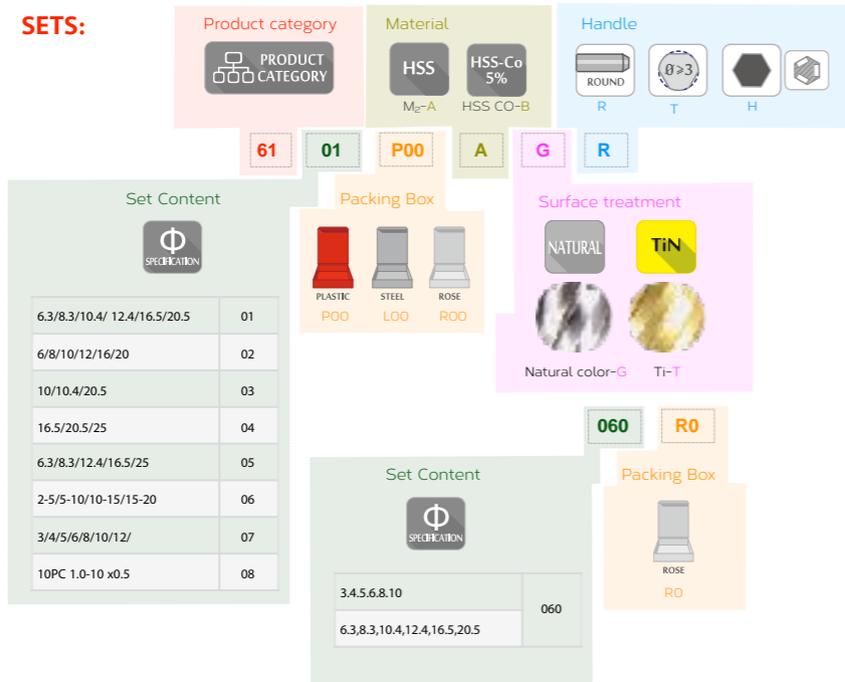


Nominal Thread size & Pitch(mm)	Total Length (mm)	Flute Length (mm)	Article No.			
Φ			NATURAL	TiN	NATURAL	TiN
8x1.25	94	66	88100150AGH	88100150ATH	88100150BGH	88100150BTH
10x1.5	90	55	88100150AGH	88100150ATH	88100150BGH	88100150BTH
12x1.75	96	68	88120175AGH	88120175ATH	88120175BGH	88120175BTH
16x2.0	96	68	88160200AGH	88160200ATH	88160200BGH	88160200BTH
20x2.0	96	68	88200200AGH	88200200ATH	88200200BGH	88200200BTH
24x3.0	96	68	88240300AGH	88240300ATH	88240300BGH	88240300BTH

Other sizes available on request !

TAP SETS

How to understand our Article No.



NOTES:

Grid area for notes.

**HSS / HSS-Co
7PCS BITS HANDLE TAP SET**

7-flats Shaft

HSS, HSS-Co 5%, LONG LIFE

Set Content	Article No.
3.4.5.6.8.10	72060R0AGH
ROSE	72060R0ATH
	72060R0BGH
	72060RBTH

HEXAGONAL THREADING DIE

SHIWEI only produce Hexagonal Dies

- Ground from the SHIWEI material
- High safety against rupture
- High heat resistance
- Long tool file
- Designed to thread : stainless pipe and acid resistant steel, case hardening steel, titanium
- Quick clamp

Material Sheet

China	European	American	Japanese	HRC
HSS6542	HSS	M2	SKH-51	61-63



FEATURES

- High cutting performance
- Easy free cutting
- Connections not sealing in the thread
- For precise and gauge conform metric threads
- Ground hardened
- Optimal chip removal

Mechanical Application

- * hand tools / wrench
- * lathe
- * battery-powered drills / triple jaw chucks

Technical Information

- tooth edge have high hardness (59 ~ 64HRC)
- high wear resistance
- a certain degree of thermosetting (depending on the cutting speed)

How to understand our Article No.



Nominal Thread size & Pitch(mm)	Excircle Dia	Thickness	Article No.	
M			NATURAL	TiN
3x0.50	25.4mm	9mm	4603050AGH	4603050ATH
4x0.70	25.4mm	9mm	4604070AGH	4604070ATH
5x0.80	25.4mm	9mm	4605080AGH	4605080ATH
6x1.00	25.4mm	9mm	4606100AGH	4606100ATH
8x1.25	25.4mm	9mm	4608125AGH	4608125ATH
10x0.75	25.4mm	9mm	4610075AGH	4610075ATH
10x1.50	25.4mm	9mm	4610150AGH	4610150ATH
12x1.50	25.4mm	9mm	4612150AGH	4612150ATH
12x1.75	25.4mm	9mm	4612175AGH	4612175ATH

Other sizes available on request !

How to understand our Article No.

Product category: PRODUCT CATEGORY

Material: HSS, HSS-Co 5%, HSS 4241
M-A, HSS CO-B, 4241-D

Handle: P, R, H

55, 124, 00, A, E, P

Specification: Φ SPECIFICATION

Surface treatment: NATURAL, TiN, NTRIDING, BLACK
Natural color-G, Ti-T, Nitriding-N, Black-E

03, 071

Specification: Φ SPECIFICATION

Total Length(mm): mm

HSS / HSS-Co REAMERS WITH BITS HANDLE

Application

- * For finishing or repairing holes in panels, sheet metal or any other thin materials. Ideal opening out holes while maintaining concentricity and circularity. Made from quality tool steel.
- * 1/4" hexagonal shaft in accordance with DIN 3126 for quick change in screw drivers with hexagon adaptor.
- * Made from quality tool steel.



HSS, HSS 4241, LONG LIFE, and icons for material, handle, and application.

Size (mm)	Flutes	Angle	Article No.	
Φ SPECIFICATION			BLACK	BLACK
12.4	3	90°	5512400AEP	5512400DEP
25.0	3	90°	5525000AEP	5525000DEP
1-5	2	8°	5515000AEP	5515000DEP
3-12	6	8°	5531200AEP	5531200DEP
10-22	8	8°	5510220AEP	5510220DEP
10-25	8	8°	5510250AEP	5510250DEP
10-34	6	40°	5510340AEP	5510340DEP



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DEBURRING TOOLS

DEBURRING TOOLS



HSS / HSS-Co HAND TAPS

Application

* Designed principally for cleaning out the fixing holes in socket-switch or conduit-boxes, as these often have malformed threads or are blocked by plaster or cement.



Size (mm)	Article No.					
Φ SPECIFICATION	NATURAL	TiN	NITRIDING	NATURAL	TiN	NITRIDING
3*0.5	5630500AGP	5630500ATP	5630500ANP	5630500BGP	5630500BTP	5630500BNP
3.5*0.6	5635060AGP	5635060ATP	5635060ANP	5635060BGP	5635060BTP	5635060BNP
4*0.7	5640700AGP	5640700ATP	5640700ANP	5640700BGP	5640700BTP	5640700BNP
5*0.8	5650800AGP	5650800ATP	5650800ANP	5650800BGP	5650800BTP	5650800BNP
6*1	5661000AGP	5661000ATP	5661000ANP	5661000BGP	5661000BTP	5661000BNP



HSS / HSS₄₂₄₁ HAND REAMERS SETS



Size (mm)	Article No.	
Φ SPECIFICATION	BLACK	BLACK
3-12	5731200AEH	5731200DEH
10-22	5710220AEH	5710220DEH
10-25	5710250AEH	5710250DEH
10-34	5710250AEH	5710250DEH



HSS / HSS₄₂₄₁ HAND COUNTERSINK AND REAMERS



Size (mm)	Article No.	
Φ SPECIFICATION	BLACK	BLACK
12-4	5812400AEH	5812400DEH
25	5825000AEH	5825000DEH
1-5	5815000AEH	5815000DEH
3-12	5831200AEH	5831200DEH
10-22	5810220AEH	5810220DEH
10-25	5810250AEH	5810250DEH
10-34	5810340AEH	5810340DEH
20*1.5	5820150AEH	5820150DEH
25*1.5	5825150AEH	5825150DEH

BRIDGE REAMERS



HSS / HSS-Co
BRIDGE REAMERS WITH SPECIAL SHANK

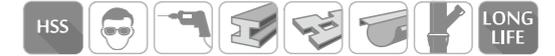


Size ϕ (mm)	Total Length (mm)	Shank Hexagon (mm)	Article No.			
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ϕ SPECIFICATION						
	NATURAL	TIN	NATURAL	TIN	NATURAL	TIN
12	95	11	6201200AGH	6201200ATH	6201200BGH	6201200BTH
14	95	11	6201400AGH	6201400ATH	6201400BGH	6201400BTH
16	102	11	6201600AGH	6201600ATH	6201600BGH	6201600BTH
18	110	11	6201800AGH	6201800ATH	6201800BGH	6201800BTH
20	120	11	6202000AGH	6202000ATH	6202000BGH	6202000BTH
22	120	11	6202200AGH	6202200ATH	6202200BGH	6202200BTH
24	120	11	6202400AGH	6202400ATH	6202400BGH	6202400BTH
26	120	11	6202600AGH	6202600ATH	6202600BGH	6202600BTH
28	120	11	6202800AGH	6202800ATH	6202800BGH	6202800BTH
30	120	11	6203000AGH	6203000ATH	6203000BGH	6203000BTH
32	120	11	6203200AGH	6203200ATH	6203200BGH	6203200BTH



HSS
BRIDGE REAMERS WITH SPECIAL SHANK (JAPANESE MARKET)



Size ϕ (mm)	Total Length (mm)	Shank Hexagon (mm)	Article No.			
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ϕ SPECIFICATION						
	NATURAL	TIN	NATURAL	TIN	NATURAL	TIN
13	196	19.05	89130196AGH	89130196ATH	89130196BGH	89130196BTH
23.5	240	19.05	89235240AGH	89235240ATH	89235240BGH	89235240BTH



END MILLS



END MILLS

Product Application

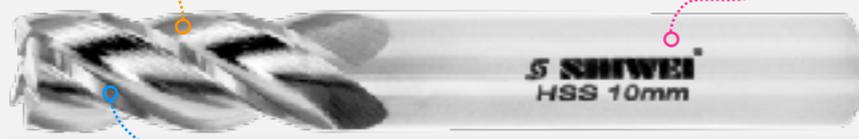
- An end mill is a type of milling cutter, a cutting tool used in industrial milling applications. It is distinguished from the drill bit in its application, geometry, and manufacture. While a drill bit can only cut in the axial direction, a milling bit can generally cut in all directions, though some cannot cut axially.
- End mills are used in milling applications such as profile milling, tracer milling, face milling, and plunging.

Product Information

A better and sharper cutting edge is achieved - without burrs

CBN Fully Ground

Hole- Φ is laser edged on the shaft



4 SPIRAL FLUTES Professional-cutting angle at the cutting edge
Outstanding chip formation
Outstanding flawless chip removal

How to understand our Article No.

Product category
PRODUCT CATEGORY

Material
HSS (M2-A) HSS-Co 5% (HSS CO-B) HSS-Co 8% (HSS CO 8%-G) HM TCT (TC-E)

Handle
ROUND (R)

Article No. Breakdown: 07 020 00 A G R

Specification
 Φ SPECIFICATION

Surface treatment
NATURAL (Natural color-G) TiN (Ti-T) TiALN (TiAL-L) TiCN (TiCN) TiALCrN (TiALCrN)



Size Φ (mm)	Total Length(mm)	Shank Hexagon	Flute Length	Article No.		
Φ SPECIFICATION				NATURAL	TiN	TiALN
	2.0mm	51mm	6mm	7mm	0702000AGR	0702000ATR
3.0mm	52mm	6mm	8mm	0703000AGR	0703000ATR	0703000ALR
4.0mm	55mm	6mm	11mm	0704000AGR	0704000ATR	0704000ALR
5.0mm	57mm	6mm	13mm	0705000AGR	0705000ATR	0705000ALR
6.0mm	57mm	6mm	13mm	0706000AGR	0706000ATR	0706000ALR
7.0mm	66mm	10mm	16mm	0707000AGR	0707000ATR	0707000ALR
8.0mm	69mm	10mm	19mm	0708000AGR	0708000ATR	0708000ALR
9.0mm	69mm	10mm	19mm	0709000AGR	0709000ATR	0709000ALR
10.0mm	72mm	10mm	22mm	0710000AGR	0710000ATR	0710000ALR
11.0mm	79mm	12mm	22mm	0711000AGR	0711000ATR	0711000ALR
12.0mm	83mm	12mm	26mm	0712000AGR	0712000ATR	0712000ALR
13.0mm	83mm	12mm	26mm	0713000AGR	0713000ATR	0713000ALR
14.0mm	83mm	12mm	26mm	0714000AGR	0714000ATR	0714000ALR
15.0mm	83mm	12mm	26mm	0715000AGR	0715000ATR	0715000ALR
16.0mm	92mm	16mm	32mm	0716000AGR	0716000ATR	0716000ALR
17.0mm	92mm	16mm	32mm	0717000AGR	0717000ATR	0717000ALR
18.0mm	92mm	16mm	32mm	0718000AGR	0718000ATR	0718000ALR
20.0mm	104mm	20mm	38mm	0720000AGR	0720000ATR	0720000ALR
21.0mm	104mm	20mm	38mm	0721000AGR	0721000ATR	0721000ALR
22.0mm	104mm	20mm	38mm	0722000AGR	0722000ATR	0722000ALR
23.0mm	104mm	20mm	38mm	0723000AGR	0723000ATR	0723000ALR
24.0mm	121mm	25mm	45mm	0724000AGR	0724000ATR	0724000ALR
25.0mm	121mm	25mm	45mm	0725000AGR	0725000ATR	0725000ALR
26.0mm	121mm	25mm	45mm	0726000AGR	0726000ATR	0726000ALR
28.0mm	121mm	25mm	45mm	0728000AGR	0728000ATR	0728000ALR
30.0mm	121mm	25mm	45mm	0730000AGR	0730000ATR	0730000ALR
32.0mm	133mm	32mm	45mm	0732000AGR	0732000ATR	0732000ALR

END MILLS



Size ϕ (mm) Total Length(mm) Shank Hexagon Flute Length Article No.

SPECIFICATION				ROUND		
				NATURAL	TiN	TiAlN
2.0mm	51mm	6mm	7mm	0702000BGR	0702000BTR	0702000BLR
3.0mm	52mm	6mm	8mm	0703000BGR	0703000BTR	0703000BLR
4.0mm	55mm	6mm	11mm	0704000BGR	0704000BTR	0704000BLR
5.0mm	57mm	6mm	13mm	0705000BGR	0705000BTR	0705000BLR
6.0mm	57mm	6mm	13mm	0706000BGR	0706000BTR	0706000BLR
7.0mm	66mm	10mm	16mm	0707000BGR	0707000BTR	0707000BLR
8.0mm	69mm	10mm	19mm	0708000BGR	0708000BTR	0708000BLR
9.0mm	69mm	10mm	19mm	0709000BGR	0709000BTR	0709000BLR
10.0mm	72mm	10mm	22mm	0710000BGR	0710000BTR	0710000BLR
11.0mm	79mm	12mm	22mm	0711000BGR	0711000BTR	0711000BLR
12.0mm	83mm	12mm	26mm	0712000BGR	0712000BTR	0712000BLR
13.0mm	83mm	12mm	26mm	0713000BGR	0713000BTR	0713000BLR
14.0mm	83mm	12mm	26mm	0714000BGR	0714000BTR	0714000BLR
15.0mm	83mm	12mm	26mm	0715000BGR	0715000BTR	0715000BLR
16.0mm	92mm	16mm	32mm	0716000BGR	0716000BTR	0716000BLR
17.0mm	92mm	16mm	32mm	0717000BGR	0717000BTR	0717000BLR
18.0mm	92mm	16mm	32mm	0718000BGR	0718000BTR	0718000BLR
20.0mm	104mm	20mm	38mm	0720000BGR	0720000BTR	0720000BLR
21.0mm	104mm	20mm	38mm	0721000BGR	0721000BTR	0721000BLR
22.0mm	104mm	20mm	38mm	0722000BGR	0722000BTR	0722000BLR
23.0mm	104mm	20mm	38mm	0723000BGR	0723000BTR	0723000BLR
24.0mm	121mm	25mm	45mm	0724000BGR	0724000BTR	0724000BLR
25.0mm	121mm	25mm	45mm	0725000BGR	0725000BTR	0725000BLR
26.0mm	121mm	25mm	45mm	0726000BGR	0726000BTR	0726000BLR
28.0mm	121mm	25mm	45mm	0728000BGR	0728000BTR	0728000BLR
30.0mm	121mm	25mm	45mm	0730000BGR	0730000BTR	0730000BLR
32.0mm	133mm	32mm	45mm	0732000BGR	0732000BTR	0732000BLR



Size ϕ (mm) Total Length(mm) Shank Hexagon Flute Length Article No.

SPECIFICATION				ROUND		
				NATURAL	TiN	TiAlN
2.0mm	51mm	6mm	7mm	0702000GGR	0702000GTR	0702000GLR
3.0mm	52mm	6mm	8mm	0703000GGR	0703000GTR	0703000GLR
4.0mm	55mm	6mm	11mm	0704000GGR	0704000GTR	0704000GLR
5.0mm	57mm	6mm	13mm	0705000GGR	0705000GTR	0705000GLR
6.0mm	57mm	6mm	13mm	0706000GGR	0706000GTR	0706000GLR
7.0mm	66mm	10mm	16mm	0707000GGR	0707000GTR	0707000GLR
8.0mm	69mm	10mm	19mm	0708000GGR	0708000GTR	0708000GLR
9.0mm	69mm	10mm	19mm	0709000GGR	0709000GTR	0709000GLR
10.0mm	72mm	10mm	22mm	0710000GGR	0710000GTR	0710000GLR
11.0mm	79mm	12mm	22mm	0711000GGR	0711000GTR	0711000GLR
12.0mm	83mm	12mm	26mm	0712000GGR	0712000GTR	0712000GLR
13.0mm	83mm	12mm	26mm	0713000GGR	0713000GTR	0713000GLR
14.0mm	83mm	12mm	26mm	0714000GGR	0714000GTR	0714000GLR
15.0mm	83mm	12mm	26mm	0715000GGR	0715000GTR	0715000GLR
16.0mm	92mm	16mm	32mm	0716000GGR	0716000GTR	0716000GLR
17.0mm	92mm	16mm	32mm	0717000GGR	0717000GTR	0717000GLR
18.0mm	92mm	16mm	32mm	0718000GGR	0718000GTR	0718000GLR
20.0mm	104mm	20mm	38mm	0720000GGR	0720000GTR	0720000GLR
21.0mm	104mm	20mm	38mm	0721000GGR	0721000GTR	0721000GLR
22.0mm	104mm	20mm	38mm	0722000GGR	0722000GTR	0722000GLR
23.0mm	104mm	20mm	38mm	0723000GGR	0723000GTR	0723000GLR
24.0mm	121mm	25mm	45mm	0724000GGR	0724000GTR	0724000GLR
25.0mm	121mm	25mm	45mm	0725000GGR	0725000GTR	0725000GLR
26.0mm	121mm	25mm	45mm	0726000GGR	0726000GTR	0726000GLR
28.0mm	121mm	25mm	45mm	0728000GGR	0728000GTR	0728000GLR
30.0mm	121mm	25mm	45mm	0730000GGR	0730000GTR	0730000GLR
32.0mm	133mm	32mm	45mm	0732000GGR	0732000GTR	0732000GLR

END MILLS



Size ϕ (mm) Total Length(mm) Shank Hexagon Flute Length Article No.

Size ϕ (mm)	Total Length(mm)	Shank Hexagon	Flute Length	Article No.		
				NATURAL	TiN	TiAlN
2.0mm	51mm	6mm	7mm	0702000EGR	0702000ETR	0702000ELR
3.0mm	52mm	6mm	8mm	0703000EGR	0703000ETR	0703000ELR
4.0mm	55mm	6mm	11mm	0704000EGR	0704000ETR	0704000ELR
5.0mm	57mm	6mm	13mm	0705000EGR	0705000ETR	0705000ELR
6.0mm	57mm	6mm	13mm	0706000EGR	0706000ETR	0706000ELR
7.0mm	66mm	10mm	16mm	0707000EGR	0707000ETR	0707000ELR
8.0mm	69mm	10mm	19mm	0708000EGR	0708000ETR	0708000ELR
9.0mm	69mm	10mm	19mm	0709000EGR	0709000ETR	0709000ELR
10.0mm	72mm	10mm	22mm	0710000EGR	0710000ETR	0710000ELR
11.0mm	79mm	12mm	22mm	0711000EGR	0711000ETR	0711000ELR
12.0mm	83mm	12mm	26mm	0712000EGR	0712000ETR	0712000ELR
13.0mm	83mm	12mm	26mm	0713000EGR	0713000ETR	0713000ELR
14.0mm	83mm	12mm	26mm	0714000EGR	0714000ETR	0714000ELR
15.0mm	83mm	12mm	26mm	0715000EGR	0715000ETR	0715000ELR
16.0mm	92mm	16mm	32mm	0716000EGR	0716000ETR	0716000ELR
17.0mm	92mm	16mm	32mm	0717000EGR	0717000ETR	0717000ELR
18.0mm	92mm	16mm	32mm	0718000EGR	0718000ETR	0718000ELR
20.0mm	104mm	20mm	38mm	0720000EGR	0720000ETR	0720000ELR
21.0mm	104mm	20mm	38mm	0721000EGR	0721000ETR	0721000ELR
22.0mm	104mm	20mm	38mm	0722000EGR	0722000ETR	0722000ELR
23.0mm	104mm	20mm	38mm	0723000EGR	0723000ETR	0723000ELR
24.0mm	121mm	25mm	45mm	0724000EGR	0724000ETR	0724000ELR
25.0mm	121mm	25mm	45mm	0725000EGR	0725000ETR	0725000ELR
26.0mm	121mm	25mm	45mm	0726000EGR	0726000ETR	0726000ELR
28.0mm	121mm	25mm	45mm	0728000EGR	0728000ETR	0728000ELR
30.0mm	121mm	25mm	45mm	0730000EGR	0730000ETR	0730000ELR
32.0mm	133mm	32mm	45mm	0732000EGR	0732000ETR	0732000ELR

NOTES:

Grid area for notes.

SYMBOL INDEX

GENGRAL ICONS

PRODUCT CATEGORY Product category

CUTTING DEPTH Cutting depth

Φ SPECIFICATION Specification

mm INCH Drilling Range

M Nominal Thread size & Pitch

mm Total Length(mm)

PLASTIC STEEL ROSE SHIWEI Packing Box

MATERIAL

HM TCT Carbide tipped

HSS-Co 8% 8% cobalt high speed steel M42 quality

HSS-Co 5% 5% cobalt high speed steel M35 quality

HSS AI High speed steel M2AL quality

HSS High speed steel M2 quality

HSS 4341 High speed steel 4341 quality

HSS 4241 High speed steel 4241 quality

Cr Material Cr quality

CS carbon steel

HANDLE

Ø ≥ 3 Anti-slip triple flat shank for $\phi \geq 3\text{mm}$

ROUND Round Shank

Hexagonal Hexagonal shank

WELDON WELDON Flat Shank

Morse Taper Shank Morse Taper Shank

1/4" Hexagonal shank (1/4" = 6.35mm)

Reduced Shank For Chuck use Reduced Shank For Chuck use

TPR Handle TPR Handle

Hexagonal shank 3 Hexagonal shank 3

SURFACE TREATMENT

NATURAL Natural color

TiN Titanium nitride coated

TiAlN Titan-Aluminum-Nitride coating for drilling and milling

NITRIDING Nitriding

GREY Grey

PLATING Plating

CARBIDE Carbide

BLACK Black

BLACK Ti Black Ti

TiCN TiCN

TiAlCrN TiAlCr

TOOL APPLICATIONS

Sheet Metals Sheet Metals

Metal in general Iron, construction steel Metal in general Iron, construction steel

Non-Ferrous Metals Non-Ferrous Metals

Cast Steel Cast Steel

Machine Tap Machine Tap

ACCU Cordless Drill

Steel Pipes Steel Pipes

Make sure to wear safety goggles Make sure to wear safety goggles

LONG LIFE High cutting performance

Hard wood Hard wood

Magnetic Drill Magnetic Drill

Hand Tap Hand Tap

PATENT OF UTILITY MODEL

Patent Of Utility Model

