

JIS

D
Solid Round Dies



For icon explanation, refer to icon-1

Outside diameter	Thickness
D	T

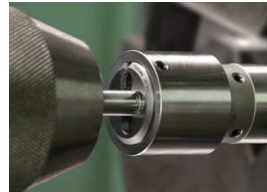


Product features

New Solid Round Dies-D are born, with improved accuracy of run-out tolerance. The Solid Round Dies-D, realize consistent thread cutting by adopting HSS material.

- The side with markings on its bevel, is the front face. This makes it easy to determine the cutting direction.
- The rear face becomes the base for cutting. The rear face has a recess so that the die can fit tightly in the die holder when installing.
- D is solid type and does not need the adjusting screw. Compared with adjustable type, accuracy of D's outside diameter has been greatly improved.
- D has succeeded in solving difficult problems related to adjustable dies and achieved the high precision cutting of external threads.

Solid Round Dies-D Front face

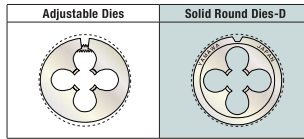
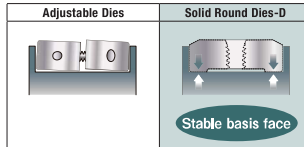


Above is the picture of RD-DA (refer to ⑩-53)

Solid Round Dies-D Rear face (Basis for cutting)



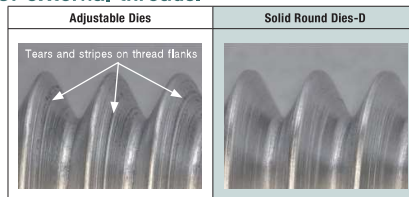
Shallow counterbore



Cutting condition

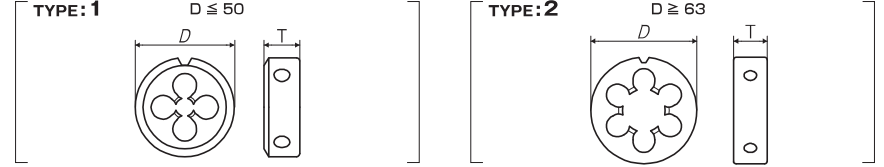
Die size [M6×1 φ20]

Work material	Free cutting steel
Cutting speed	2.6m/min
Feed	Free
Machine	Engine lathe
Cutting Fluid	Insoluble oil



External threads cut by Solid Round Dies-D have less tears and stripes on thread flank face.

Outside diameter	Thickness
D	T



Segment : 30

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
For Metric Threads							
M1 × 0.25	II	TYD1.0BDNEBC	16	5	3	1	¥ 9,600
M1 × 0.25	II	TYE1.0BDNEBC	20	7	3	1	¥ 9,600
M1 × 0.2	II	TYE1.0ADNEBC	20	7	3	1	¥ 16,000*
M1.2 × 0.25	II	TYD1.2BDNEBC	16	5	3	1	¥ 9,600
M1.2 × 0.25	II	TYE1.2BDNEBC	20	7	3	1	¥ 9,600
M1.2 × 0.2	II	TYE1.2ADNEBC	20	7	3	1	¥ 16,000*
M1.4 × 0.3	II	TYD1.4CDNEBC	16	5	3	1	¥ 9,600
M1.4 × 0.3	II	TYE1.4CDNEBC	20	7	3	1	¥ 9,600
M1.4 × 0.2	II	TYE1.4ADNEBC	20	7	3	1	¥ 16,000*
M1.6 × 0.35	II	TYD1.6DDNEBC	16	5	3	1	¥ 9,600
M1.6 × 0.35	II	TYE1.6DDNEBC	20	7	3	1	¥ 9,600
M1.6 × 0.2	II	TYE1.6ADNEBC	20	7	3	1	¥ 16,000*
M1.7 × 0.35	II	TYD1.7DDNEBC	16	5	3	1	¥ 9,600
M1.7 × 0.35	II	TYE1.7DDNEBC	20	7	3	1	¥ 9,600
M1.7 × 0.2	II	TYE1.7ADNEBC	20	7	3	1	¥ 16,000*
M1.8 × 0.35	II	TYD1.8DDNEBC	16	5	3	1	¥ 9,600*
M1.8 × 0.35	II	TYE1.8DDNEBC	20	7	3	1	¥ 9,600*
M1.8 × 0.2	II	TYE1.8ADNEBC	20	7	3	1	¥ 16,000*
M2 × 0.4	II	TYD2.0EDNEBC	16	5	3	1	¥ 7,350
M2 × 0.4	II	TYE2.0EDNEBC	20	7	3	1	¥ 6,420
M2 × 0.4	II	TYG2.0EDNEBC	25	9	3	1	¥ 7,680*
M2 × 0.25	II	TYD2.0BDNEBC	16	5	3	1	¥ 11,700*
M2 × 0.25	II	TYE2.0BDNEBC	20	7	3	1	¥ 10,300*
M2.2 × 0.45	II	TYD2.2FDNEBC	16	5	3	1	¥ 7,350*
M2.2 × 0.45	II	TYE2.2FDNEBC	20	7	3	1	¥ 6,420*
M2.2 × 0.25	II	TYD2.2BDNEBC	16	5	3	1	¥ 11,700*
M2.3 × 0.4	II	TYD2.3EDNEBC	16	5	3	1	¥ 7,350*
M2.3 × 0.4	II	TYE2.3EDNEBC	20	7	3	1	¥ 6,420
M2.3 × 0.25	II	TYE2.3BDNEBC	20	7	3	1	¥ 10,300*
M2.5 × 0.45	II	TYE2.5FDNEBC	20	7	3	1	¥ 6,420
M2.5 × 0.45	II	TYG2.5FDNEBC	25	9	3	1	¥ 7,680*
M2.5 × 0.35	II	TYE2.5DDNEBC	20	7	3	1	¥ 10,300*
M2.6 × 0.45	II	TYE2.6FDNEBC	20	7	3	1	¥ 6,420
M2.6 × 0.45	II	TYG2.6FDNEBC	25	9	3	1	¥ 7,680*
M2.6 × 0.35	II	TYE2.6DDNEBC	20	7	3	1	¥ 10,300*
M3 × 0.5	II	TYD3.0GDNEBC	16	5	3	1	¥ 7,350*
M3 × 0.5	II	TYE3.0GDNEBC	20	7	3	1	¥ 6,420
M3 × 0.5	II	TYG3.0GDNEBC	25	9	3	1	¥ 7,680
3M0.6	II	TYE3.0HDNEBC	20	7	3	1	¥ 6,780*
3M0.6	II	TYG3.0HDNEBC	25	9	3	1	¥ 8,160*

* Adjustable dies (AR-D) and dies manufactured from SKS material have been discontinued as a result of orders received in December 2013. For this product, please check "2013 - 2014 General Catalog".

D Solid Round Dies

Outside diameter	Thickness
D	T

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
M3 × 0.35	II	TYE3.0DDNEBC	20	7	3	1	¥ 10,300
M3 × 0.35	II	TYG3.0DDNEBC	25	9	3	1	¥ 12,200*
M3.5 × 0.6	II	TYE3.5HDNEBC	20	7	3	1	¥ 6,420
M3.5 × 0.6	II	TYG3.5HDNEBC	25	9	3	1	¥ 7,680*
M3.5 × 0.5	II	TYE3.5GDNEBC	20	7	3	1	¥ 9,600*
M3.5 × 0.35	II	TYE3.5DDNEBC	20	7	3	1	¥ 10,300
M4 × 0.7	II	TYE4.0IDNEBC	20	7	3	1	¥ 6,420
M4 × 0.7	II	TYG4.0IDNEBC	25	9	3	1	¥ 7,680
M4 × 0.7	II	TYJ4.0IDNEBC	38	13	4	1	¥ 12,000*
4M0.75	II	TYE4.0JDNEBC	20	7	3	1	¥ 6,780
4M0.75	II	TYG4.0JDNEBC	25	9	3	1	¥ 8,160*
M4 × 0.5	II	TYE4.0GDNEBC	20	7	3	1	¥ 8,000
M4 × 0.5	II	TYG4.0GDNEBC	25	9	3	1	¥ 12,000*
M4 × 0.35	II	TYE4.0DDNEBC	20	7	3	1	¥ 10,300*
M4.5 × 0.75	II	TYE4.5JDNEBC	20	7	4	1	¥ 7,470*
M4.5 × 0.5	II	TYE4.5GDNEBC	20	7	4	1	¥ 9,600*
M5 × 0.8	II	TYE5.0KDNEBC	20	7	4	1	¥ 6,420
M5 × 0.8	II	TYG5.0KDNEBC	25	9	3	1	¥ 7,680
M5 × 0.8	II	TYJ5.0KDNEBC	38	13	4	1	¥ 12,000*
5M0.9	II	TYE5.0LDNEBC	20	7	4	1	¥ 6,780*
5M0.9	II	TYG5.0LDNEBC	25	9	3	1	¥ 8,160*
M5 × 0.75	II	TYE5.0JDNEBC	20	7	4	1	¥ 8,310*
M5 × 0.5	II	TYE5.0GDNEBC	20	7	4	1	¥ 8,000
M5 × 0.5	II	TYG5.0GDNEBC	25	9	3	1	¥ 12,000
M5.5 × 0.9	II	TYE5.5LDNEBC	20	7	4	1	¥ 7,470*
M5.5 × 0.5	II	TYE5.5GDNEBC	20	7	4	1	¥ 9,600*
M6 × 1	II	TYE6.0MDNEBC	20	7	4	1	¥ 6,420
M6 × 1	II	TYG6.0MDNEBC	25	9	4	1	¥ 7,680
M6 × 1	II	TYJ6.0MDNEBC	38	13	4	1	¥ 12,000
M6 × 0.75	II	TYE6.0JDNEBC	20	7	4	1	¥ 8,310
M6 × 0.75	II	TYG6.0JDNEBC	25	9	4	1	¥ 9,920
M6 × 0.75	II	TYJ6.0JDNEBC	38	13	4	1	¥ 19,400*
M6 × 0.5	II	TYE6.0GDNEBC	20	7	4	1	¥ 8,000
M6 × 0.5	II	TYG6.0GDNEBC	25	9	4	1	¥ 12,000
M7 × 1	II	TYG7.0MDNEBC	25	9	4	1	¥ 7,680
M7 × 0.75	II	TYG7.0JDNEBC	25	9	4	1	¥ 9,920
M7 × 0.5	II	TYG7.0GDNEBC	25	9	4	1	¥ 12,000
M8 × 1.25	II	TYG8.0NDNEBC	25	9	4	1	¥ 7,680
M8 × 1.25	II	TYJ8.0NDNEBC	38	13	4	1	¥ 10,300
M8 × 1.25	II	TYM8.0NDNEBC	50	16	4	1	¥ 16,800
M8 × 1	II	TYG8.0MDNEBC	25	9	4	1	¥ 8,960
M8 × 1	II	TYJ8.0MDNEBC	38	13	4	1	¥ 14,200
M8 × 0.75	II	TYG8.0JDNEBC	25	9	4	1	¥ 9,920
M8 × 0.5	II	TYG8.0GDNEBC	25	9	4	1	¥ 12,000
M9 × 1.25	II	TYG9.0NDNEBC	25	9	5	1	¥ 8,160*
M9 × 1	II	TYG9.0MDNEBC	25	9	5	1	¥ 8,960
M9 × 0.75	II	TYG9.0JDNEBC	25	9	5	1	¥ 9,920
M9 × 0.5	II	TYG9.0GDNEBC	25	9	5	1	¥ 12,000

* Adjustable dies (AR-D) and dies manufactured from SKS material have been discontinued as a result of orders received in December 2013. For this product, please check "2013 - 2014 General Catalog".

- ① Spiral Fluted Taps (for blind hole)
- ② Spiral Fluted Taps (for through hole)
- ③ Spiral Pointed Taps (for through hole)
- ④ Hand Taps
- ⑤ Cemented Carbide Taps
- ⑥ Roll Taps
- ⑦ Special Thread Taps (Simple Inspection Tools)
- ⑧ Pipe Taps
- ⑨ Thread Mills
- ⑩ Dies
- ⑪ Center Drills (Centering Tools)

Outside diameter	Thickness
D	T

D Solid Round Dies

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
M10 × 1.5	II	TYG0100DNEBC	25	9	5	1	¥ 7,680
M10 × 1.5	II	TYJ0100DNEBC	38	13	4	1	¥ 10,300
M10 × 1.5	II	TYM0100DNEBC	50	16	4	1	¥ 16,800
M10 × 1.25	II	TYG010NDNEBC	25	9	5	1	¥ 7,680
M10 × 1.25	II	TYJ010NDNEBC	38	13	4	1	¥ 10,300
M10 × 1.25	II	TYM010NDNEBC	50	16	4	1	¥ 19,900*
M10 × 1	II	TYG010MDNEBC	25	9	5	1	¥ 8,960
M10 × 1	II	TYJ010MDNEBC	38	13	4	1	¥ 14,200
M10 × 0.75	II	TYG010JDNEBC	25	9	5	1	¥ 9,920
M10 × 0.75	II	TYJ010JDNEBC	38	13	4	1	¥ 19,400
M10 × 0.5	II	TYG010GDNEBC	25	9	5	1	¥ 12,000
M11 × 1.5	II	TYJ0110DNEBC	38	13	4	1	¥ 12,000*
M11 × 1.25	II	TYJ011NDNEBC	38	13	4	1	¥ 10,300*
M11 × 1	II	TYJ011MDNEBC	38	13	4	1	¥ 14,200
M11 × 0.75	II	TYJ011JDNEBC	38	13	4	1	¥ 19,400
M11 × 0.5	II	TYJ011GDNEBC	38	13	4	1	¥ 22,000*
M12 × 1.75	II	TYJ012PDNEBC	38	13	4	1	¥ 10,300
M12 × 1.75	II	TYM012PDNEBC	50	16	4	1	¥ 16,800
M12 × 1.5	II	TYJ0120DNEBC	38	13	4	1	¥ 10,300
M12 × 1.5	II	TYM0120DNEBC	50	16	4	1	¥ 16,800*
M12 × 1.25	II	TYJ012NDNEBC	38	13	4	1	¥ 10,300
M12 × 1.25	II	TYM012NDNEBC	50	16	4	1	¥ 19,900*
M12 × 1	II	TYJ012MDNEBC	38	13	4	1	¥ 14,200
M12 × 1	II	TYM012MDNEBC	50	16	4	1	¥ 22,800*
M12 × 0.75	II	TYJ012JDNEBC	38	13	4	1	¥ 19,400
M12 × 0.5	II	TYJ012GDNEBC	38	13	4	1	¥ 22,000*
M13 × 1.5	II	TYJ0130DNEBC	38	13	5	1	¥ 10,300*
M13 × 1.25	II	TYJ013NDNEBC	38	13	5	1	¥ 14,200*
M13 × 1	II	TYJ013MDNEBC	38	13	5	1	¥ 14,200*
M13 × 0.75	II	TYJ013JDNEBC	38	13	5	1	¥ 19,400*
M13 × 0.5	II	TYJ013GDNEBC	38	13	5	1	¥ 22,000*
M14 × 2	II	TYJ0140DNEBC	38	13	5	1	¥ 10,300
M14 × 2	II	TYM0140DNEBC	50	16	4	1	¥ 16,800
M14 × 1.5	II	TYJ0140DNEBC	38	13	5	1	¥ 10,300
M14 × 1.5	II	TYM0140DNEBC	50	16	4	1	¥ 16,800*
M14 × 1.25	II	TYJ014NDNEBC	38	13	5	1	¥ 14,200
M14 × 1	II	TYJ014MDNEBC	38	13	5	1	¥ 14,200
M14 × 0.75	II	TYJ014JDNEBC	38	13	5	1	¥ 19,400*
M14 × 0.5	II	TYJ014GDNEBC	38	13	5	1	¥ 22,000*
M15 × 2	II	TYJ0150DNEBC	38	13	5	1	¥ 12,000*
M15 × 1.5	II	TYJ0150DNEBC	38	13	5	1	¥ 10,300*
M15 × 1.25	II	TYJ015NDNEBC	38	13	5	1	¥ 14,200*
M15 × 1	II	TYJ015MDNEBC	38	13	5	1	¥ 14,200
M15 × 0.75	II	TYJ015JDNEBC	38	13	5	1	¥ 19,400*
M15 × 0.5	II	TYJ015GDNEBC	38	13	5	1	¥ 22,000*
M16 × 2	II	TYJ0160DNEBC	38	13	5	1	¥ 10,300
M16 × 2	II	TYM0160DNEBC	50	16	4	1	¥ 16,800
M16 × 1.5	II	TYJ0160DNEBC	38	13	5	1	¥ 10,300
M16 × 1.5	II	TYM0160DNEBC	50	16	4	1	¥ 16,800

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- ① Spiral Fluted Taps (for blind hole)
- ② Spiral Fluted Taps (for through hole)
- ③ Spiral Pointed Taps (for through hole)
- ④ Hand Taps
- ⑤ Cemented Carbide Taps
- ⑥ Roll Taps
- ⑦ Special Thread Taps (Simple Inspection Tools)
- ⑧ Pipe Taps
- ⑨ Thread Mills
- ⑩ Dies
- ⑪ Center Drills (Centering Tools)

D Solid Round Dies

Outside diameter	Thickness
D	T

	Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
① Spiral Fluted Taps (for blind hole)	M16 × 1.25	II	TYJ016NDNEBC	38	13	5	1	¥ 14,200*
	M16 × 1	II	TYJ016MDNEBC	38	13	5	1	¥ 14,200
	M16 × 1	II	TYM016MDNEBC	50	16	4	1	¥ 22,800
② Spiral Fluted Taps (for through hole)	M16 × 0.75	II	TYJ016JNEBC	38	13	5	1	¥ 19,400*
	M16 × 0.5	II	TYJ016GDNEBC	38	13	5	1	¥ 22,000*
	M17 × 2	II	TYM017QDNEBC	50	16	5	1	¥ 20,500*
③ Spiral Pointed Taps (for through hole)	M17 × 1.5	II	TYM017ODNEBC	50	16	5	1	¥ 16,800*
	M17 × 1	II	TYM017MDNEBC	50	16	5	1	¥ 22,800*
	M17 × 0.5	II	TYM017GDNEBC	50	16	5	1	¥ 38,400*
④ Hand Taps	M18 × 2.5	II	TYM018RDNEBC	50	16	5	1	¥ 16,800
	M18 × 2	II	TYM018QDNEBC	50	16	5	1	¥ 20,500*
	M18 × 1.5	II	TYM018ODNEBC	50	16	5	1	¥ 16,800
⑤ Cemented Carbide Taps	M18 × 1	II	TYM018MDNEBC	50	16	5	1	¥ 22,800*
	M18 × 0.5	II	TYM018GDNEBC	50	16	5	1	¥ 38,400*
	M19 × 1.5	II	TYM019ODNEBC	50	16	5	1	¥ 16,800*
⑥ Roll Taps	M19 × 1	II	TYM019MDNEBC	50	16	5	1	¥ 22,800*
	M20 × 2.5	II	TYM020RDNEBC	50	16	5	1	¥ 16,800
	M20 × 2	II	TYM020QDNEBC	50	16	5	1	¥ 20,500
⑦ Special Thread Taps (Simple inspection tools)	M20 × 1.5	II	TYM020ODNEBC	50	16	5	1	¥ 16,800
	M20 × 1	II	TYM020MDNEBC	50	16	5	1	¥ 22,800*
	M20 × 0.5	II	TYM020GDNEBC	50	16	5	1	¥ 38,400*
⑧ Pipe Taps	M21 × 1.5	II	TYM021ODNEBC	50	16	5	1	¥ 16,800*
	M21 × 1	II	TYM021MDNEBC	50	16	5	1	¥ 22,800*
	M22 × 2.5	II	TYM022RDNEBC	50	16	6	1	¥ 16,800
⑨ Thread Mills	M22 × 2	II	TYM022QDNEBC	50	16	6	1	¥ 20,500*
	M22 × 1.5	II	TYM022ODNEBC	50	16	6	1	¥ 16,800
	M22 × 1	II	TYM022MDNEBC	50	16	6	1	¥ 22,800*
⑩ Dies	M22 × 0.5	II	TYM022GDNEBC	50	16	6	1	¥ 38,400*
	M23 × 1.5	II	TYM023ODNEBC	50	16	6	1	¥ 16,800*
	M23 × 1	II	TYM023MDNEBC	50	16	6	1	¥ 22,800*
⑪ Center Drills (Centering tools)	M24 × 3	II	TYM024SDNEBC	50	16	6	1	¥ 16,800
	M24 × 2	II	TYM024QDNEBC	50	16	6	1	¥ 20,500
	M24 × 1.5	II	TYM024ODNEBC	50	16	6	1	¥ 16,800
⑫ Dies	M24 × 1	II	TYM024MDNEBC	50	16	6	1	¥ 22,800*
	M25 × 3	II	TYM025SDNEBC	50	16	6	1	¥ 16,800*
	M25 × 2	II	TYM025QDNEBC	50	16	6	1	¥ 20,500*
⑬ Dies	M25 × 1.5	II	TYM025ODNEBC	50	16	6	1	¥ 16,800
	M25 × 1.25	II	TYM025NDNEBC	50	16	6	1	¥ 22,800*
	M25 × 1	II	TYM025MDNEBC	50	16	6	1	¥ 22,800*
⑭ Dies	M26 × 2	II	TYR026QDNEBC	63	20	6	2	¥ 48,200*
	M26 × 1.5	II	TYR026ODNEBC	63	20	6	2	¥ 48,200
	M26 × 1	II	TYR026MDNEBC	63	20	6	2	¥ 67,500*
⑮ Dies	M27 × 3	II	TYR027SDNEBC	63	20	6	2	¥ 48,200
	M27 × 2	II	TYR027QDNEBC	63	20	6	2	¥ 48,200*
	M27 × 1.5	II	TYR027ODNEBC	63	20	6	2	¥ 48,200
⑯ Dies	M27 × 1	II	TYR027MDNEBC	63	20	6	2	¥ 67,500*

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Outside diameter	Thickness
D	T

D Solid Round Dies

	Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
① Spiral Fluted Taps (for blind hole)	M28 × 2	II	TYR028QDNEBC	63	20	6	2	¥ 48,200*
	M28 × 1.5	II	TYR028ODNEBC	63	20	6	2	¥ 48,200*
	M28 × 1	II	TYR028MDNEBC	63	20	6	2	¥ 67,500*
② Spiral Fluted Taps (for through hole)	M30 × 3.5	II	TYR030TDNEBC	63	20	6	2	¥ 48,200*
	M30 × 3.5	II	TYU030TDNEBC	75	25	6	2	¥ 82,300*
	M30 × 3	II	TYR030SDNEBC	63	20	6	2	¥ 48,200*
③ Spiral Pointed Taps (for through hole)	M30 × 3	II	TYU030SDNEBC	75	25	6	2	¥ 88,000*
	M30 × 2	II	TYR030QDNEBC	63	20	6	2	¥ 48,200*
	M30 × 2	II	TYU030QDNEBC	75	25	6	2	¥ 88,000*
④ Hand Taps	M30 × 1.5	II	TYR030ODNEBC	63	20	6	2	¥ 48,200
	M30 × 1.5	II	TYU030ODNEBC	75	25	6	2	¥ 88,000*
	M30 × 1	II	TYR030MDNEBC	63	20	6	2	¥ 67,500*
⑤ Cemented Carbide Taps	M30 × 1	II	TYU030MDNEBC	75	25	6	2	¥ 116,000*
	M30 × 0.5	II	TYU030GDNEBC	75	25	6	2	¥ 116,000*
	M32 × 3	II	TYR032SDNEBC	63	20	6	2	¥ 48,200*
⑥ Roll Taps	M32 × 3	II	TYU032SDNEBC	75	25	6	2	¥ 88,000*
	M32 × 2	II	TYR032QDNEBC	63	20	6	2	¥ 48,200*
	M32 × 2	II	TYU032QDNEBC	75	25	6	2	¥ 88,000*
⑦ Special Thread Taps (Simple inspection tools)	M32 × 1.5	II	TYR032ODNEBC	63	20	6	2	¥ 48,200*
	M32 × 1.5	II	TYU032ODNEBC	75	25	6	2	¥ 88,000*
	M32 × 1	II	TYR032MDNEBC	63	20	6	2	¥ 67,500*
⑧ Pipe Taps	M32 × 1	II	TYU032MDNEBC	75	25	6	2	¥ 116,000*
	M32 × 0.5	II	TYU032GDNEBC	75	25	6	2	¥ 116,000*
	M33 × 3.5	II	TYR033TDNEBC	63	20	6	2	¥ 48,200*
⑨ Thread Mills	M33 × 3.5	II	TYU033TDNEBC	75	25	6	2	¥ 82,300*
	M33 × 3	II	TYR033SDNEBC	63	20	6	2	¥ 48,200*
	M33 × 3	II	TYU033SDNEBC	75	25	6	2	¥ 88,000*
⑩ Dies	M33 × 2	II	TYR033QDNEBC	63	20	6	2	¥ 48,200*
	M33 × 2	II	TYU033QDNEBC	75	25	6	2	¥ 88,000*
	M33 × 1.5	II	TYR033ODNEBC	63	20	6	2	¥ 48,200*
⑪ Center Drills (Centering tools)	M33 × 1.5	II	TYU033ODNEBC	75	25	6	2	¥ 88,000*
	M33 × 1	II	TYR033MDNEBC	63	20	6	2	¥ 67,500*
	M33 × 1	II	TYU033MDNEBC	75	25	6	2	¥ 116,000*
⑫ Dies	M34 × 3	II	TYU034SDNEBC	75	25	6	2	¥ 88,000*
	M34 × 2	II	TYU034QDNEBC	75	25	6	2	¥ 88,000*
	M34 × 1.5	II	TYU034ODNEBC	75	25	6	2	¥ 88,000*
⑬ Dies	M34 × 1	II	TYU034MDNEBC	75	25	6	2	¥ 116,000*
	M35 × 3	II	TYU035SDNEBC	75	25	6	2	¥ 88,000*
	M35 × 2	II	TYU035QDNEBC	75	25	6	2	¥ 88,000*
⑭ Dies	M35 × 1.5	II	TYU035ODNEBC	75	25	6	2	¥ 88,000*
	M35 × 1.25	II	TYU035NDNEBC	75	25	6	2	¥ 116,000*
	M35 × 1	II	TYU035MDNEBC	75	25	6	2	¥ 116,000*
⑮ Dies	M36 × 4	II	TYU036UDNEBC	75	25	6	2	¥ 82,300*
	M36 × 3	II	TYU036SDNEBC	75	25	6	2	¥ 88,000*
	M36 × 2	II	TYU036QDNEBC	75	25	6	2	¥ 88,000*
⑯ Dies	M36 × 1.5	II	TYU036ODNEBC	75	25	6	2	¥ 88,000*
	M36 × 1	II	TYU036MDNEBC	75	25	6	2	¥ 116,000*
	M36 × 0.5	II	TYU036GDNEBC	75	25	6	2	¥ 116,000*
⑰ Dies	M37 × 1.5	II	TYU037ODNEBC	75	25	6	2	¥ 88,000*

* Adjustable dies (AR-D) and dies manufactured from SKS material have been discontinued as a result of orders received in December 2013. For this product, please check "2013 - 2014 General Catalog".

Outside diameter	Thickness
D	T

10

JIS

D Solid Round Dies

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
M72 × 1.5	II	TYC0720DNEBC	120	30	10	2	¥ 243,000*
M72 × 1.5	II	TYF0720DNEBC	125	30	10	2	¥ 243,000*
M75 × 6	II	TYC075YDNEBC	120	36	10	2	¥ 243,000*
M75 × 6	II	TYF075YDNEBC	125	36	10	2	¥ 243,000*
M75 × 4	II	TYC075UDNEBC	120	30	10	2	¥ 243,000*
M75 × 4	II	TYF075UDNEBC	125	30	10	2	¥ 243,000*
M75 × 3	II	TYC075SDNEBC	120	30	10	2	¥ 243,000*
M75 × 3	II	TYF075SDNEBC	125	30	10	2	¥ 243,000*
M75 × 2	II	TYC075QDNEBC	120	30	10	2	¥ 243,000*
M75 × 2	II	TYF075QDNEBC	125	30	10	2	¥ 243,000*
M75 × 1.5	II	TYC0750DNEBC	120	30	10	2	¥ 243,000*
M75 × 1.5	II	TYF0750DNEBC	125	30	10	2	¥ 243,000*
M76 × 6	II	TYC076YDNEBC	120	36	10	2	¥ 243,000*
M76 × 6	II	TYF076YDNEBC	125	36	10	2	¥ 243,000*
M76 × 4	II	TYC076UDNEBC	120	30	10	2	¥ 243,000*
M76 × 4	II	TYF076UDNEBC	125	30	10	2	¥ 243,000*
M76 × 3	II	TYC076SDNEBC	120	30	10	2	¥ 243,000*
M76 × 3	II	TYF076SDNEBC	125	30	10	2	¥ 243,000*
M76 × 2	II	TYC076QDNEBC	120	30	10	2	¥ 243,000*
M76 × 2	II	TYF076QDNEBC	125	30	10	2	¥ 243,000*
M76 × 1.5	II	TYC0760DNEBC	120	30	10	2	¥ 243,000*
M76 × 1.5	II	TYF0760DNEBC	125	30	10	2	¥ 243,000*
M78 × 2	II	TYC078QDNEBC	120	30	10	2	¥ 243,000*
M78 × 2	II	TYF078QDNEBC	125	30	10	2	¥ 243,000*
M80 × 6	II	TYC080YDNEBC	120	36	10	2	¥ 243,000*
M80 × 6	II	TYF080YDNEBC	125	36	10	2	¥ 243,000*
M80 × 4	II	TYC080UDNEBC	120	30	10	2	¥ 243,000*
M80 × 4	II	TYF080UDNEBC	125	30	10	2	¥ 243,000*
M80 × 3	II	TYC080SDNEBC	120	30	10	2	¥ 243,000*
M80 × 3	II	TYF080SDNEBC	125	30	10	2	¥ 243,000*
M80 × 2	II	TYC080QDNEBC	120	30	10	2	¥ 243,000*
M80 × 2	II	TYF080QDNEBC	125	30	10	2	¥ 243,000*
M80 × 1.5	II	TYC0800DNEBC	120	30	10	2	¥ 243,000*
M80 × 1.5	II	TYF0800DNEBC	125	30	10	2	¥ 243,000*
For Unified Threads							
No.0-80UNF	II	TYDUN0BDNEBC	16	5	3	1	¥ 8,460*
No.0-80UNF	II	TYEUN0BDNEBC	20	7	3	1	¥ 11,200*
No.1-64UNC	II	TYEUN1DDNEBC	20	7	3	1	¥ 11,200*
No.1-72UNF	II	TYEUN1GDNEBC	20	7	3	1	¥ 11,200*
No.2-56UNC	II	TYDUN2EDNEBC	16	5	3	1	¥ 8,460*
No.2-56UNC	II	TYEUN2EDNEBC	20	7	3	1	¥ 11,200*
No.2-64UNF	II	TYEUN2DDNEBC	20	7	3	1	¥ 11,200*
No.3-48UNC	II	TYEUN3FDNEBC	20	7	3	1	¥ 11,200*
No.3-56UNF	II	TYEUN3EDNEBC	20	7	3	1	¥ 11,200*
No.4-40UNC	II	TYEUN4HDNEBC	20	7	3	1	¥ 7,350*
No.4-48UNF	II	TYEUN4FDNEBC	20	7	3	1	¥ 7,350*

* Adjustable dies (AR-D) and dies manufactured from SKS material have been discontinued as a result of orders received in December 2013. For this product, please check "2013 - 2014 General Catalog".

Spiral Fluted Taps (for blind hole) ①

Spiral Fluted Taps (for through hole) ②

Spiral Fluted Taps (for through hole) ③

Hand Taps ④

Cemented Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps (Single Inspection Tools) ⑦

Pipe Taps ⑧

Thread Mills ⑨

Dies ⑩

Center Drills Centering Tools ⑪

JIS 10-12

* = Specified Distribution Items, Made to order products. For improvement, spec may change without advance notice.



Outside diameter	Thickness
D	T

10

JIS

D Solid Round Dies

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
No.5-40UNC	II	TYEUN5HDNEBC	20	7	3	1	¥ 7,350*
No.5-44UNF	II	TYEUN5GDNEBC	20	7	3	1	¥ 7,350*
No.6-32UNC	II	TYEUN6JDNEBC	20	7	3	1	¥ 7,350*
No.6-40UNF	II	TYEUN6HDNEBC	20	7	3	1	¥ 7,350*
No.8-32UNC	II	TYEUN8JDNEBC	20	7	3	1	¥ 7,350*
No.8-36UNF	II	TYEUN8IDNEBC	20	7	3	1	¥ 7,350*
No.10-24UNC	II	TYEUNAMDNEBC	20	7	4	1	¥ 7,350*
No.10-32UNF	II	TYEUNAJDNEBC	20	7	4	1	¥ 7,350*
No.12-24UNC	II	TYEUNCMDNEBC	20	7	4	1	¥ 7,350*
No.12-28UNF	II	TYEUNCKDNEBC	20	7	4	1	¥ 7,350*
1/4-20UNC	II	TYEU04NDNEBC	20	7	4	1	¥ 7,350*
1/4-20UNC	II	TYGU04NDNEBC	25	9	4	1	¥ 8,840*
1/4-28UNF	II	TYEU04KDNEBC	20	7	4	1	¥ 7,350*
1/4-28UNF	II	TYGU04KDNEBC	25	9	4	1	¥ 8,840*
1/4-32UNEF	II	TYGU04JDNEBC	25	9	4	1	¥ 10,500*
5/16-18UNC	II	TYGU05DNEBC	25	9	4	1	¥ 8,840*
5/16-18UNC	II	TYJU05DNEBC	38	13	4	1	¥ 11,900*
5/16-24UNF	II	TYGU05MDNEBC	25	9	4	1	¥ 8,840*
5/16-24UNF	II	TYJU05MDNEBC	38	13	4	1	¥ 11,900*
5/16-32UNEF	II	TYGU05JNEBC	25	9	4	1	¥ 10,500*
3/8-16UNC	II	TYGU06PDNEBC	25	9	5	1	¥ 8,840*
3/8-16UNC	II	TYJU06PDNEBC	38	13	4	1	¥ 11,900*
3/8-24UNF	II	TYGU06MDNEBC	25	9	5	1	¥ 8,840*
3/8-24UNF	II	TYJU06MDNEBC	38	13	4	1	¥ 11,900*
3/8-32UNEF	II	TYGU06JNEBC	25	9	5	1	¥ 10,500*
7/16-14UNC	II	TYJU07QDNEBC	38	13	4	1	¥ 11,900*
7/16-20UNF	II	TYJU07NDNEBC	38	13	4	1	¥ 11,900*
7/16-24UNS	II	TYJU07MDNEBC	38	13	4	1	¥ 13,800*
7/16-28UNEF	II	TYJU07KDNEBC	38	13	4	1	¥ 13,800*
1/2-13UNC	II	TYJU08RDNEBC	38	13	4	1	¥ 11,900*
1/2-13UNC	II	TYMU08RDNEBC	50	16	4	1	¥ 19,300*
1/2-20UNF	II	TYJU08NDNEBC	38	13	4	1	¥ 11,900*
1/2-20UNF	II	TYMU08NDNEBC	50	16	4	1	¥ 19,300*
1/2-28UNEF	II	TYJU08KDNEBC	38	13	4	1	¥ 13,800*
9/16-12UNC	II	TYJU09SDNEBC	38	13	5	1	¥ 11,900*
9/16-18UNF	II	TYJU09DNEBC	38	13	5	1	¥ 11,900*
9/16-20UN	II	TYJU09NDNEBC	38	13	5	1	¥ 13,800*
9/16-24UNEF	II	TYJU09MDNEBC	38	13	5	1	¥ 13,800*
5/8-11UNC	II	TYJU10UDNEBC	38	13	5	1	¥ 11,900*
5/8-11UNC	II	TYMU10UDNEBC	50	16	4	1	¥ 19,300*
5/8-18UNF	II	TYJU10DNEBC	38	13	5	1	¥ 11,900*
5/8-18UNF	II	TYMU10DNEBC	50	16	4	1	¥ 19,300*
5/8-24UNEF	II	TYJU10MDNEBC	38	13	5	1	¥ 13,800*
3/4-10UNC	II	TYMU12VDNEBC	50	16	5	1	¥ 19,300*
3/4-16UNF	II	TYMU12PDNEBC	50	16	5	1	¥ 19,300*
3/4-20UNEF	II	TYMU12NDNEBC	50	16	5	1	¥ 23,800*
7/8-9UNC	II	TYMU14WDNEBC	50	16	6	1	¥ 19,300*
7/8-14UNF	II	TYMU14QDNEBC	50	16	6	1	¥ 19,300*
1-8UNC	II	TYMU16XDNEBC	50	16	6	1	¥ 19,300*
1-12UNF	II	TYMU16SDNEBC	50	16	6	1	¥ 19,300*

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Spiral Fluted Taps (for blind hole) ①

Spiral Fluted Taps (for through hole) ②

Spiral Fluted Taps (for through hole) ③

Hand Taps ④

Cemented Carbide Taps ⑤

Roll Taps ⑥

Special Thread Taps (Single Inspection Tools) ⑦

Pipe Taps ⑧

Thread Mills ⑨

Dies ⑩

Center Drills Centering Tools ⑪

JIS 10-13



* = Specified Distribution Items, Made to order products. For improvement, spec may change without advance notice.

Outside diameter	Thickness
D	T

10

JIS

D Solid Round Dies

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
1 -14UNS	II	TYMU16QDNEBC	50	16	6	1	¥ 23,800 *
1 -20UNEF	II	TYMU16NDNEBC	50	16	6	1	¥ 23,800 *
1 1/8-7UNC	II	TYRU18YDNEBC	63	20	6	2	¥ 50,100 *
1 1/8-8UN	II	TYRU18XDNEBC	63	20	6	2	¥ 50,100 *
1 1/8-12UNF	II	TYRU18SDNEBC	63	20	6	2	¥ 50,100 *
1 1/4-7UNC	II	TYRU20YDNEBC	63	20	6	2	¥ 50,100 *
1 1/4-8UN	II	TYRU20XDNEBC	63	20	6	2	¥ 50,100 *
1 1/4-12UNF	II	TYRU20SDNEBC	63	20	6	2	¥ 50,100 *
1 3/8-6UNC	II	TYUJ22ZDNEBC	75	25	6	2	¥ 91,100 *
1 3/8-12UNF	II	TYUJ22SDNEBC	75	25	6	2	¥ 91,100 *
1 1/2-6UNC	II	TYUJ24ZDNEBC	75	25	6	2	¥ 91,100 *
1 1/2-8UN	II	TYUJ24XDNEBC	75	25	6	2	¥ 91,100 *
1 1/2-12UNF	II	TYUJ24SDNEBC	75	25	6	2	¥ 91,100 *
1 5/8-12UN	II	TYUJ26SDNEBC	75	25	8	2	¥ 91,100 *
1 3/4-5UNC	II	TYUJ28ODNEBC	75	25	8	2	¥ 91,100 *
1 3/4-12UN	II	TYUJ28SDNEBC	75	25	8	2	¥ 91,100 *
2 -12UN	II	TYUJ32SDNEBC	75	25	8	2	¥ 91,100 *
For Whitworth Threads							
1/16W60	II	TYEW01-DNEBC	20	7	3	1	¥ 11,200 *
3/32W48	II	TYEW1HFDNEBC	20	7	3	1	¥ 11,200 *
1/8W40	II	TYEW02HDNEBC	20	7	3	1	¥ 7,350
5/32W32	II	TYEW2HJDNEBC	20	7	3	1	¥ 7,350
3/16W24	II	TYEW03MDNEBC	20	7	4	1	¥ 7,350
3/16W24	II	TYGW03MDNEBC	25	9	3	1	¥ 8,840 *
7/32W24	II	TYEW3HMDNEBC	20	7	4	1	¥ 7,350 *
1/4W20	II	TYEW04NDNEBC	20	7	4	1	¥ 7,350
1/4W20	II	TYGW04NDNEBC	25	9	4	1	¥ 8,840 *
1/4W20	II	TYJW04NDNEBC	38	13	4	1	¥ 11,900 *
5/16W18	II	TYGW05ODNEBC	25	9	4	1	¥ 8,840
5/16W18	II	TYJW05ODNEBC	38	13	4	1	¥ 11,900 *
3/8W16	II	TYGW06PDNEBC	25	9	5	1	¥ 8,840
3/8W16	II	TYJW06PDNEBC	38	13	4	1	¥ 11,900
3/8W16	II	TYMW06PDNEBC	50	16	4	1	¥ 19,300 *
7/16W14	II	TYJW07QDNEBC	38	13	4	1	¥ 11,900 *
7/16W14	II	TYMW07QDNEBC	50	16	4	1	¥ 19,300 *
1/2W12	II	TYJW08SDNEBC	38	13	4	1	¥ 11,900
1/2W12	II	TYMW08SDNEBC	50	16	4	1	¥ 19,300 *
9/16W12	II	TYJW09SDNEBC	38	13	5	1	¥ 11,900 *
5/8W11	II	TYJW10UDNEBC	38	13	5	1	¥ 11,900
5/8W11	II	TYMW10UDNEBC	50	16	4	1	¥ 19,300
3/4W10	II	TYMW12VDNEBC	50	16	5	1	¥ 19,300
7/8W9	II	TYMW14WDNEBC	50	16	6	1	¥ 19,300
1 W8	II	TYMW16XDNEBC	50	16	6	1	¥ 19,300
1 1/8W7	II	TYRW18YDNEBC	63	20	6	2	¥ 50,100 *
1 1/4W7	II	TYRW20YDNEBC	63	20	6	2	¥ 50,100 *
1 3/8W6	II	TYUW22ZDNEBC	75	25	6	2	¥ 91,100 *
1 1/2W6	II	TYUW24ZDNEBC	75	25	6	2	¥ 91,100 *

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Spiral Fluted Taps
(for blind hole)

Spiral Fluted Taps
(for through hole)

Spiral Fluted Taps
(for through hole)

Spiral Pointed Taps
(for through hole)

Hand Taps

Cemented Carbide Taps

Roll Taps

Special Thread Taps
Simple Inspection Tools

Pipe Taps

Thread Mills

Center Drills
Centering Tools

10

JIS

10-14

10 Dies

JIS

D Solid Round Dies

Size	Class	Code	D (mm)	T (mm)	Clearance holes	TYPE	MSRP
For Screw Threads used on Sewing Machines							
3/32SM56	II	TYES06EDNEBC	20	7	3	1	¥ 11,200 *
1/8SM40	II	TYES08HDNEBC	20	7	3	1	¥ 8,310 *
1/8SM44	II	TYES08GDNEBC	20	7	3	1	¥ 8,310 *
9/64SM40	II	TYES09HDNEBC	20	7	3	1	¥ 8,310 *
11/64SM40	II	TYES11HDNEBC	20	7	4	1	¥ 8,310 *
3/16SM28	II	TYES12KDNEBC	20	7	4	1	¥ 8,310 *
3/16SM32	II	TYES12JDNEBC	20	7	4	1	¥ 8,310 *
7/32SM32	II	TYES14JDNEBC	20	7	4	1	¥ 8,310 *
15/64SM28	II	TYES15KDNEBC	20	7	4	1	¥ 8,310 *
1/4SM24	II	TYES16MDNEBC	20	7	4	1	¥ 8,310 *
1/4SM40	II	TYES16HDNEBC	20	7	4	1	¥ 8,310 *

* Adjustable dies (AR-D) and dies manufactured from SKS material have been discontinued as a result of orders received in December 2013. For this product, please check "2013 - 2014 General Catalog".

Spiral Fluted Taps
(for blind hole)

Spiral Fluted Taps
(for through hole)

Spiral Fluted Taps
(for through hole)

Spiral Pointed Taps
(for through hole)

Hand Taps

Cemented Carbide Taps

Roll Taps

Special Thread Taps
Simple Inspection Tools

Pipe Taps

Thread Mills

Center Drills
Centering Tools

10

JIS

10-15

Outside diameter	Thickness
D	T

* = Specified Distribution Items, Made to order products. For improvement, spec may change without advance notice.



* = Specified Distribution Items, Made to order products. For improvement, spec may change without advance notice.