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Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Брянск (4832)59-03-52
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Технические характеристики на наборы напильников (точные напильники) компании **TSUBOSAN**

PRECISION NEEDLE FILES

5-PCS(NEW!)



CUTTING NO.TABLE

	#6(Dead Smooth)	#3(Smooth)
**	6T	3T

*Roughness of cutting is varied by last two digits of the item no.

Example: HI00556T → 5 Pcs hand #6

hand		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th><td></td></tr><tr><td>7.2mm</td><td>1.5mm</td><td>HI0055**</td><td></td></tr></table>	width	thickness	ITEM NO.		7.2mm	1.5mm	HI0055**	
width	thickness	ITEM NO.								
7.2mm	1.5mm	HI0055**								
half-round		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th><td></td></tr><tr><td>6.3mm</td><td>2.2mm</td><td>HA0055**</td><td></td></tr></table>	width	thickness	ITEM NO.		6.3mm	2.2mm	HA0055**	
width	thickness	ITEM NO.								
6.3mm	2.2mm	HA0055**								
round		<table><tr><th>Diameter</th><th>ITEM NO.</th><td></td></tr><tr><td>φ3.7</td><td>MA0055**</td><td></td></tr></table>	Diameter	ITEM NO.		φ3.7	MA0055**			
Diameter	ITEM NO.									
φ3.7	MA0055**									
square		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th><td></td></tr><tr><td>3.3mm</td><td>3.3mm</td><td>KA0055**</td><td></td></tr></table>	width	thickness	ITEM NO.		3.3mm	3.3mm	KA0055**	
width	thickness	ITEM NO.								
3.3mm	3.3mm	KA0055**								
triangular		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th><td></td></tr><tr><td>4.5mm</td><td>4.5mm</td><td>SA0055**</td><td></td></tr></table>	width	thickness	ITEM NO.		4.5mm	4.5mm	SA0055**	
width	thickness	ITEM NO.								
4.5mm	4.5mm	SA0055**								
5pcs set	*Above 5 different files into to one set.		<table><tr><th>ITEM NO.</th><td>ST0055**</td></tr></table>	ITEM NO.	ST0055**					
ITEM NO.	ST0055**									

8-PCS(NEW!)



CUTTING NO.TABLE

	#6(Dead Smooth)	#3(Smooth)
**	6T	3T

*Roughness of cutting is varied by last two digits of the item no.

Example: HI00556T → 5 Pcs hand #6

hand		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>7.0mm</td><td>1.3mm</td><td>HI0085**</td></tr></table>	width	thickness	ITEM NO.	7.0mm	1.3mm	HI0085**	面
width	thickness	ITEM NO.							
7.0mm	1.3mm	HI0085**							
half-round		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>5.2mm</td><td>2.1mm</td><td>HA0085**</td></tr></table>	width	thickness	ITEM NO.	5.2mm	2.1mm	HA0085**	面
width	thickness	ITEM NO.							
5.2mm	2.1mm	HA0085**							
round		<table><tr><th>Diameter</th><th>ITEM NO.</th></tr><tr><td>φ3.5</td><td>MA0085**</td></tr></table>	Diameter	ITEM NO.	φ3.5	MA0085**	面		
Diameter	ITEM NO.								
φ3.5	MA0085**								
square		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>2.9mm</td><td>2.9mm</td><td>KA0085**</td></tr></table>	width	thickness	ITEM NO.	2.9mm	2.9mm	KA0085**	面
width	thickness	ITEM NO.							
2.9mm	2.9mm	KA0085**							
triangular		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.2mm</td><td>4.2mm</td><td>SA0085**</td></tr></table>	width	thickness	ITEM NO.	4.2mm	4.2mm	SA0085**	面
width	thickness	ITEM NO.							
4.2mm	4.2mm	SA0085**							
trape zoid		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>5.4mm</td><td>1.9mm</td><td>SI0085**</td></tr></table>	width	thickness	ITEM NO.	5.4mm	1.9mm	SI0085**	面
width	thickness	ITEM NO.							
5.4mm	1.9mm	SI0085**							
flat		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>7.0mm</td><td>1.3mm</td><td>SH0085**</td></tr></table>	width	thickness	ITEM NO.	7.0mm	1.3mm	SH0085**	面
width	thickness	ITEM NO.							
7.0mm	1.3mm	SH0085**							
oval		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.3mm</td><td>2.7mm</td><td>DE0085**</td></tr></table>	width	thickness	ITEM NO.	4.3mm	2.7mm	DE0085**	面
width	thickness	ITEM NO.							
4.3mm	2.7mm	DE0085**							
8pcs set	*Above 8 different files into to one set.		<table><tr><th>ITEM NO.</th><td>ST0085**</td></tr></table>	ITEM NO.	ST0085**				
ITEM NO.	ST0085**								

10-PCS(NEW!)



CUTTING NO.TABLE

	#6(Dead Smooth)	#3(Smooth)
**	6T	3T

*Roughness of cutting is varied by last two digits of the item no.

Example: HI00556T → 5 Pcs hand #6

hand		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>6.0mm</td><td>1.1mm</td><td>HI0105**</td></tr></table>	width	thickness	ITEM NO.	6.0mm	1.1mm	HI0105**
width	thickness	ITEM NO.						
6.0mm	1.1mm	HI0105**						
half-round		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.5mm</td><td>1.8mm</td><td>HA0105**</td></tr></table>	width	thickness	ITEM NO.	4.5mm	1.8mm	HA0105**
width	thickness	ITEM NO.						
4.5mm	1.8mm	HA0105**						
round		<table><tr><th>Diameter</th><th>ITEM NO.</th></tr><tr><td>φ2.9</td><td>MA0105**</td></tr></table>	Diameter	ITEM NO.	φ2.9	MA0105**		
Diameter	ITEM NO.							
φ2.9	MA0105**							
square		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>2.6mm</td><td>2.6mm</td><td>KA0105**</td></tr></table>	width	thickness	ITEM NO.	2.6mm	2.6mm	KA0105**
width	thickness	ITEM NO.						
2.6mm	2.6mm	KA0105**						
triangular		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>3.5mm</td><td>3.5mm</td><td>SA0105**</td></tr></table>	width	thickness	ITEM NO.	3.5mm	3.5mm	SA0105**
width	thickness	ITEM NO.						
3.5mm	3.5mm	SA0105**						
trape zoid		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.9mm</td><td>1.6mm</td><td>SI0105**</td></tr></table>	width	thickness	ITEM NO.	4.9mm	1.6mm	SI0105**
width	thickness	ITEM NO.						
4.9mm	1.6mm	SI0105**						
flat		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>6.0mm</td><td>1.1mm</td><td>SH0105**</td></tr></table>	width	thickness	ITEM NO.	6.0mm	1.1mm	SH0105**
width	thickness	ITEM NO.						
6.0mm	1.1mm	SH0105**						
oval		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>3.7mm</td><td>2.2mm</td><td>DE0105**</td></tr></table>	width	thickness	ITEM NO.	3.7mm	2.2mm	DE0105**
width	thickness	ITEM NO.						
3.7mm	2.2mm	DE0105**						
knife		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.9mm</td><td>1.7mm</td><td>KH0105**</td></tr></table>	width	thickness	ITEM NO.	4.9mm	1.7mm	KH0105**
width	thickness	ITEM NO.						
4.9mm	1.7mm	KH0105**						
balance edge		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.3mm</td><td>1.6mm</td><td>HM0105**</td></tr></table>	width	thickness	ITEM NO.	4.3mm	1.6mm	HM0105**
width	thickness	ITEM NO.						
4.3mm	1.6mm	HM0105**						
10pcs set	*Above 10 different files into to one set.							
		ITEM NO. ST0105**						

12-PCS(NEW!)



CUTTING NO.TABLE

	#6(Dead Smooth)	#3(Smooth)
**	6T	3T

*Roughness of cutting is varied by last two digits of the item no.

Example: HI00556T → 5 Pcs hand #6

hand		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>5.0mm</td><td>0.9mm</td><td>HI0125**</td></tr></table>	width	thickness	ITEM NO.	5.0mm	0.9mm	HI0125**	+ 面
width	thickness	ITEM NO.							
5.0mm	0.9mm	HI0125**							
half-round		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.0mm</td><td>1.4mm</td><td>HA0125**</td></tr></table>	width	thickness	ITEM NO.	4.0mm	1.4mm	HA0125**	+ 面
width	thickness	ITEM NO.							
4.0mm	1.4mm	HA0125**							
round		<table><tr><th>Diameter</th><th>ITEM NO.</th></tr><tr><td>φ2.3</td><td>MA0125**</td></tr></table>	Diameter	ITEM NO.	φ2.3	MA0125**	+ 面		
Diameter	ITEM NO.								
φ2.3	MA0125**								
square		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>2.1mm</td><td>2.1mm</td><td>KA0125**</td></tr></table>	width	thickness	ITEM NO.	2.1mm	2.1mm	KA0125**	+ 面
width	thickness	ITEM NO.							
2.1mm	2.1mm	KA0125**							
triangular		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>2.9mm</td><td>2.9mm</td><td>SA0125**</td></tr></table>	width	thickness	ITEM NO.	2.9mm	2.9mm	SA0125**	+ 面
width	thickness	ITEM NO.							
2.9mm	2.9mm	SA0125**							
trape zoid		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.0mm</td><td>1.3mm</td><td>SI0125**</td></tr></table>	width	thickness	ITEM NO.	4.0mm	1.3mm	SI0125**	+ 面
width	thickness	ITEM NO.							
4.0mm	1.3mm	SI0125**							
flat		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>5.0mm</td><td>0.9mm</td><td>SH0125**</td></tr></table>	width	thickness	ITEM NO.	5.0mm	0.9mm	SH0125**	+ 面
width	thickness	ITEM NO.							
5.0mm	0.9mm	SH0125**							
oval		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>3.0mm</td><td>1.7mm</td><td>DE0125**</td></tr></table>	width	thickness	ITEM NO.	3.0mm	1.7mm	DE0125**	+ 面
width	thickness	ITEM NO.							
3.0mm	1.7mm	DE0125**							
knife		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>4.1mm</td><td>1.4mm</td><td>KH0125**</td></tr></table>	width	thickness	ITEM NO.	4.1mm	1.4mm	KH0125**	+ 面
width	thickness	ITEM NO.							
4.1mm	1.4mm	KH0125**							
balance edge		<table><tr><th>width</th><th>thickness</th><th>ITEM NO.</th></tr><tr><td>3.6mm</td><td>1.3mm</td><td>HM0125**</td></tr></table>	width	thickness	ITEM NO.	3.6mm	1.3mm	HM0125**	+ 面
width	thickness	ITEM NO.							
3.6mm	1.3mm	HM0125**							
flat leaf		<table><tr><th>width</th><th>backs</th><th>ITEM NO.</th></tr><tr><td>4.0mm</td><td>1.1mm</td><td>SS0125**</td></tr></table>	width	backs	ITEM NO.	4.0mm	1.1mm	SS0125**	+ 面
width	backs	ITEM NO.							
4.0mm	1.1mm	SS0125**							

hand leaf



width	thickness	ITEM NO.
4.6mm	1.4mm	HS0125**



12pcs set

*Above 12 different files into to one set.

ITEM NO. ST0125**

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