

WASHERS FOR DIE FASTENING / WASHERS FOR OBLONG HOLES / SCRAP BREAKERS FOR CAM PIERCE DIES

AIR VENTS FOR DRAWING DIES / ANGLE STAYS

Washers for die fastening
RoHS



KWN
2-C0.5
2-C0.5
A +0.35
D ±0.5
T ±0.5
M S45C
S Black oxide (Fe₃O₄)
H 25~30HRC

Washers for oblong holes
RoHS



WSS
2-C0.1~0.3
2-C0.1~0.3
d
D -0.4
t
M S45C
H 23~30HRC

Catalog No.		A	T	Base unit price 1~19 pieces
Type	D			
KWN	50	22	10·15	Quotation
	60	26	10·15	
	70	26	10·15	
	80	26	15	

D	d	T	t	Catalog No.		Base unit price 1~49 pieces	Volume discount unit price		
				Type	No.		50~199	200~499	500~1000
12.5	6.4	+0.25	2.5	±0.25	WSS	6			
17	8.4	0				8			
21	10.5					10			
24	13	+0.3				12	Quotation		
30	17	0				16			
37	21					20			

Order

Catalog No. — A — T
KWN 60 — 22 — 15
WSS 8

Example

Days to Ship

Quotation

Price

Quotation


Hexagon socket head cap screw
WSS

⚠ To prevent breakage, the plate thickness is slightly thicker and the hardness is 23~30HRC.

Scrap breakers for cam pierce dies
RoHS



CPSBR
M
R
60°
t
L₁
L
B
M
S45C
S Black oxide (Fe₃O₄)
H 25~30HRC

Order

Catalog No. — A — T
CPSBR20

Example

Days to Ship

Quotation

Price

Quotation

Catalog No.		Base unit price 1~9 pieces
Type	M	
CPSBR	16	Quotation
	20	
	24	

Order

Catalog No. — A — T
CPSBR20

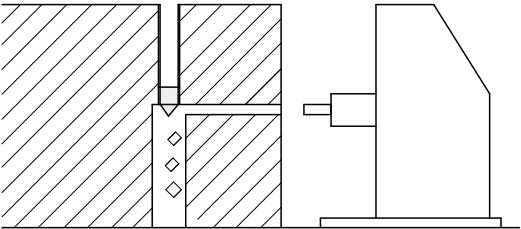
Example

Days to Ship

Quotation

Price

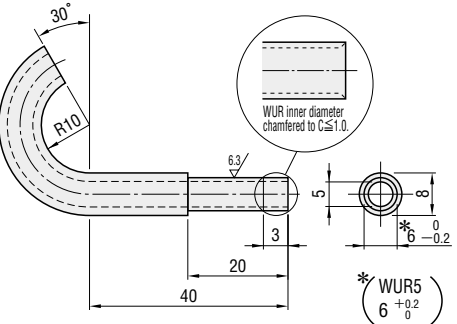
Quotation



Air vents for drawing dies
RoHS



WUR 5
WAV 5
Yellow
Polyurethane
Shore A90
Use an epoxy-based adhesive for mounting.
Brass (C2700T)



WUR inner diameter chamfered to C±1.0
WUR5
6 +0.2
-0

Catalog No.	Base unit price 1~9 pieces
WUR 5 (Polyurethane)	Quotation
WAV 5 (C2700T)	Quotation

Order

Catalog No. — A — T
WAV 5

Example

Days to Ship

Quotation

Price

Quotation

Angle stays
RoHS



UAS40—40
UAS50—50
40
40
R4.5
20
5
φ13
50
50
R6.5
25
6
φ13
M SS400

Catalog No.		Base unit price 1~9 pieces
Type	No.	
UAS	40—40	Quotation
	50—50	

Order

Catalog No. — A — T
UAS 40—40

Example

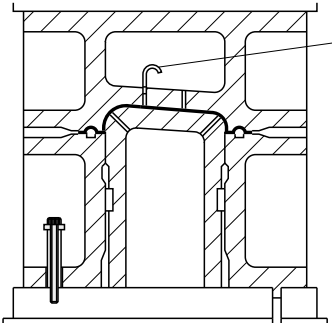
Days to Ship

Quotation

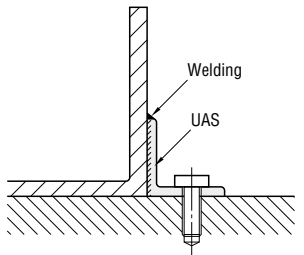
Price

Quotation

Example



WUR
WAV
Air vent for drawing die



Welding
UAS

COMPONENTS FOR
AUTOMOTIVE DIES