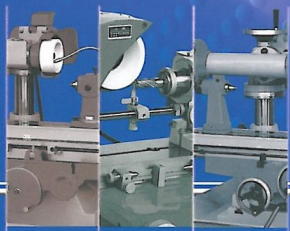


SPEEDER

TOOL & CUTTER GRINDERS



STC-450

STC-250

STC-380



STC-380



STC-450

SPECIFICATIONS

	STC-450	STC-250	STC-380
Swing over Table	280mm(11.2")	208mm(8")	280mm
Table working area	120x700mm(4.7x27.6")	133x470mm(5.2x18.5")	130x550mm
Table T-Slot (number x size)	1 x 13mm (1/2")		
Grinding wheel spindle speed	50Hz-2850rpm, 60Hz-3450rpm		
Grinding wheel spindle motor	Single phase-1/3HP Three Phase-1/3HP		
Table swivel	15°		45°
RANGE OF ALL MOVEMENTS			
Longitudinal travel of table	420mm(16.5")	250mm(10")	305mm (12")
Cross travel of table	100mm(4")	160mm(6")	150mm (6")
Vertical travel of grinding wheel head	150(6")	190mm(7.5")	160mm (6")
Diameter of grinding wheel	Saucer-150mm(6") & Flaring cup wheel-150mm(6")		
Grinding wheel head lifts	30°	360°	360°
Grinding wheel head swivels	360°	360°	30°
Net weight	220kgs (484Lbs)	125kgs (276Lbs)	320kgs (705Lbs)
Packing dimensions	870x750x1300mm (34-1/4x30x51")	762x686x762mm (30x27x30")	940x930x1600mm (37x37x63")



STC-250

STC-450/380 STANDARD ACCESSORIES



1
Cup wheel



2
Tool-bit grinding attachment



3
Face-mill holder



4
Cutter arbor 1" OD.



5
Tooth rest



6
Center M.T. No.3



7
Adjusting tools

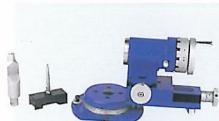


8
Coolant system

STC-250 STANDARD ACCESSORIES

1.Cup wheel 2 pcs 2.Saucer wheel guard 3.Adjusting tools 4.5C collet 1 set(7 pcs)

SPECIAL ACCESSORIES



1
C1Rg Radius attachment



2
C2SH Sensitive work head B&S taper No.11(with AK-24 index disc)



3
C2LH Work holding fixture



4
C3RG ER collet dividing punch grinder attachment



5
C2SF Sensitive work head NT #50 taper with AK-24 index disc



6
C2AH End mill grinder, Air bearing fixture 5C, 5C collet taper



7
C1SG Circular saw bladg grinder attachment (up to 508mm(20" dia.)



8
C2T12 Tailstock(Left & Right)

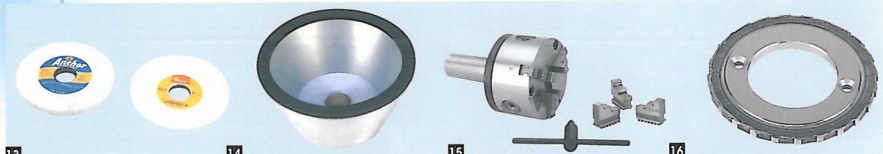


9: C2R1 Universal tooth rest
(g.rmm, b.inch)

10: C1DG(D) Universal grinder
attachment

11: A:C2D1 Diamond dresser
B:C2R2 Plain tooth rest

12: 12.5C collet 5C
5C collet to fit AC01 collet sleeve
and C2AH air bearing fixture.
5C: 3/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1" (7pcs)
5CM: 6, 8", 10", 12", 16", 20", 25mm (7pcs)

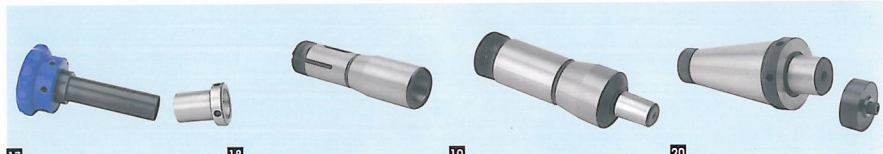


13: A:AW10
Saucer wheel.(150x13x31.75mm)
B:5112-706
Straight wheel.(150x13x31.75mm)

14: AW101 6" Diamond cup wheel.
(150x50x31.75mm)
AW102 4" Diamond cup wheel.
(100x50x31.75mm)

15: AF01B 4" adjustable 3-jaw chuck
mounted on B&S No.11 taper arbor.
(C2SH, C2TH)

16: INDEX DISCS
To fit C2SH&C2SF sensitive work
head and B01-04 cutter & hob
grinding arbors.
Available for AK24, 30, 32, 36, 40, 42,
44, 46, 48 and 60 divisions.

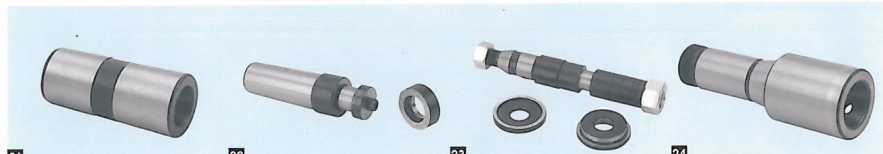


17: COLLET FIXTURE
AC01A for changing C2SH from B&S
No.11 taper to accept 5C collet.
AC01C for changing C2TH from B&S
No.11 taper to accept 5C collet.

18: TAPER SLEEVES
5C collet taper O.D. set-up on AC01
collet sleeve and C2AH air bearing
fixture spindle.
AA01 1/2" Arbor
AC07 No.3 MT TAPER I.D.
AC08 No.2 MT TAPER I.D.
AC09 No.1 MT TAPER I.D.

19: TAPER ARBOR
5C collet taper O.D. set-up on
AC01 collet sleeve and C2AH air
bearing fixture spindle.
AC27 J6 Taper O.D.

20: ARBOR (to be used with C2SF)
Sharpening face milling cutters arbors
NI#50 taper O.D. (see picture above)
AA20 1 1/2" I.D.
AA21 2" I.D.
AA26 60mm



21: TAPER SLEEVES
B&S No.11 taper O.D. These
sleeves can be used on all types
of cutters with taper shanks.
AC20 4MT I.D. AC22 2MT I.D.
AC21 3MT I.D. AC23 1MT I.D.

22: ARBORS
Shell end mill and cutter arbor B&S
No.11 taper O.D. specially designed
to sharpen O.D. and face of shell
type milling cutters.
AA02 5/8" Arbor
AA03 3/4" Arbor
AA04 7/8" Arbor
AA05 1" Arbor
AA06 1-1/4" Arbor
AA07 1-1/2" Arbor
AA10 13mm
AA11 16mm
AA12 22mm
AA13 27mm
AA14 32mm
AA15 40mm

23: CUTTER AND GRINDER (to be used
with C2T12)
AB01 1/2" Arbor
AB02 1" Arbor
AB05 3/4" Sleeve
AB06 7/8" Sleeve
AB07 1-1/4" Sleeve
AB08 1-1/2" Sleeve
AB09 2" Sleeve
AB03 13mm Arbor
AB04 27mm Arbor
AB10 15mm Arbor
AB11 22mm Arbor
AB12 32mm Arbor
AB13 40mm Arbor

24: STRAIGHT SLEEVES 5C
5C collet taper O.D. set-up on AC01
collet sleeve and C2AH air bearing
fixture spindle
AC25 1-1/4" I.D.
AA5 1-1/2" I.D.
AA6 2" I.D.
AC26 32mm I.D.
AC28 40mm I.D.
A51 50mm I.D.

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