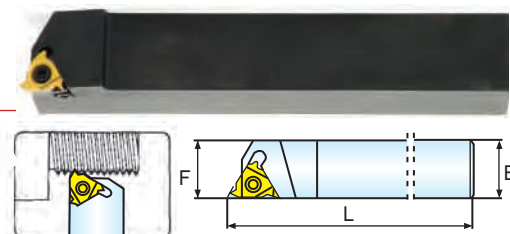
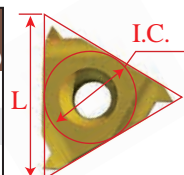


## SHARS External Indexable Threading Toolholders

Right Hand • 1-1/2° positive helix angle • Min. Bore 0.47"

Insert IC	Shank Square	OAL	F	Model #	Right Hand Order #	USA Brand	SHARS (D)
3/8"	3/8"	2-1/2"	3/8"	SER-0375-D16	404-1978	\$61.00	<b>\$29.95</b>
3/8	1/2	3-1/4	5/8	SER-0500-F16	404-1979	70.00	<b>30.95</b>
3/8	5/8	4	5/8	SER-0625-H16	404-1280	70.00	<b>33.95</b>
3/8	3/4	5	3/4	SER-0750-K16	404-1281	70.00	<b>35.95</b>
3/8	1	6	1	SER-1000-M16	404-1282	74.00	<b>37.95</b>



Insert Style	.IC	TPI	Grade	Order No	Price(D)
16 ER A60	3/8"	16-48"	YBG201	424-1379	<b>\$9.27</b>
16 ER AG60	3/8	8-48	TiN	404-1285	<b>9.50</b>
Insert Screw S16	M3.5x10			404-2227	<b>1.95</b>
Shim Screw S16	M5x5			404-2212	<b>1.95</b>
Carbide Shim AE16				404-2215	<b>3.50</b>

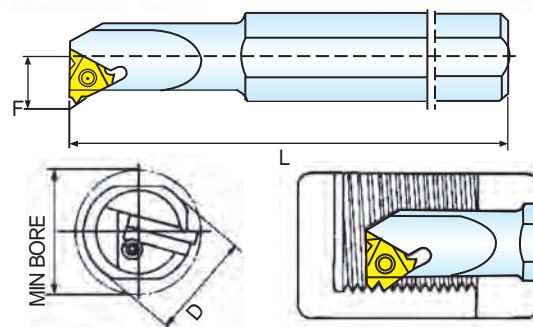
## SHARS Internal Indexable Threading Toolholders

Right Hand • 1-1/2° positive helix angle • Min. Bore 0.47"

• Accept partial or full profile threading insert

Insert IC	Shank	OAL	Min. Bore	F	Model #	Right Hand Order #	USA Brand	SHARS (D)
1/4"	3/8"	4"	0.47"	0.29"	SIR-0375-H11	404-2220	\$62.00	<b>\$27.50</b>
1/4	5/8	5	0.47	0.26	SIR-0375-K11	404-2221	73.00	<b>32.50</b>
3/8	1/2	7	0.64	0.39	SIR-0500-P16-1/2	404-2290		<b>37.95</b>
3/8	5/8	7	0.75	0.45	SIR-0500-P16-5/8	404-2291		<b>36.95</b>
3/8	3/4	7	0.75	0.45	SIR-0625-P16	404-2223	73.00	<b>34.60</b>
3/8	3/4	7	1	0.51	SIR-0750-P16	404-2224	78.00	<b>37.95</b>
3/8	1	8	1.20	0.65	SIR-1000-R16	404-2225	102.00	<b>39.95</b>

Insert Style	.IC	TPI	Grade	Order No	Price(D)
11 IR A60	1/4"	16-48"	TiN	404-2228	<b>\$9.50</b>
16 IR AG60	3/8	8-48	YBG201	424-1432	<b>9.27</b>
For 11 IR A60 Insert Screw S11	M2.5x6			404-2229	<b>1.95</b>
for 404-2223	M3.5 x 8			404-4544	<b>2.50</b>
For 16 IR A60 Insert Screw S16	M3.5x10			404-2227	<b>1.95</b>
For Shim Screw 16 IR A60	M5x5			404-2212	<b>1.95</b>
Carbide Shim AE16				404-2214	<b>3.50</b>



## SHARS External & Internal Threading Carbide Inserts

Partial Profile • Full Profile UN • ISO Metric

**NEW**



### YBG201 Carbide Grade

PVD TiN coated carbide grade with good toughness and wear resistance. Good for threading and drilling (both peripheral and central inserts) on low carbon steels, stainless steel, heat resistance steel, and cast iron.

#### Reduce Work Flow

WIPER edge design on insert achieves desired vertex diameter on each thread's tip while maintaining good finish saving you from having to make an additional finish pass.

#### Eliminate Deburring

The wiper edge on the insert produces good surface finish on the tip of each threads. After the thread is made, it eliminates the deburring procedure.

#### Chip Removal Control

Unique wave shape chip breaker design allows the chip flows to be raised up by the chip breaker during threading, guides the chip forming along the front of chip breaker, and controls the chip formation into a smaller curvature radius.

#### Finish Ground Insert

Inserts with finish ground teeth and rake surface can thread with high precision and stable working condition.

PROFILE+	INSERT I.C.	Pitch Range		External Thread		Internal Thread		Price(B)
		mm	T.P.I.	TiN	YBG201	TiN	YBG201	
A60	3/8	0.5~1.5	16-48	404-2226	424-1379	404-2228	424-1430	<b>\$9.27</b>
G60	3/8	1.75~3.0	8-14		424-1380		424-1431	<b>9.27</b>
AG60	3/8	0.5~3.0	8-48	404-1285	424-1381		424-1432	<b>9.27</b>
N60	1/2	3.5~5.0	5-7		424-1382		424-1433	<b>14.18</b>
8UN	3/8		8		424-1392		424-1443	<b>9.27</b>
10UN	3/8		10		424-1393		424-1444	<b>9.27</b>
12UN	3/8		12		424-1394		424-1445	<b>9.27</b>
14UN	3/8		14		424-1395		424-1446	<b>9.27</b>
16UN	3/8		16		424-1396		424-1447	<b>9.27</b>
18UN	3/8		18		424-1397		424-1448	<b>9.27</b>
20UN	3/8		20		424-1398		424-1449	<b>9.27</b>
1.00GM	3/8	1.00			424-1408		424-1459	<b>9.27</b>
1.25GM	3/8	1.25			424-1409		424-1460	<b>9.27</b>
1.50GM	3/8	1.50			424-1410		424-1461	<b>9.27</b>
1.75GM	3/8	1.75			424-1411		424-1462	<b>9.27</b>
2.00GM	3/8	2.00			424-1412		424-1463	<b>9.27</b>
2.50GM	3/8	2.50			424-1413		424-1464	<b>9.27</b>
3.00GM	3/8	3.00			424-1414		424-1465	<b>9.27</b>
3.50GM	1/2	3.50			424-1415		424-1466	<b>14.18</b>
4.00GM	1/2	4.00			424-1416		424-1467	<b>14.18</b>
4.50GM	1/2	4.50			424-1417		424-1468	<b>14.18</b>
5.00GM	1/2	5.00			424-1418		424-1469	<b>14.18</b>
5.50GM	1/2	5.50			424-1419		424-1470	<b>14.18</b>
6.00GM	1/2	6.00			424-1420		424-1471	<b>14.18</b>

Partial Profile Threading Insert



Full Profile UN Threading Insert



Metric Threading Insert

