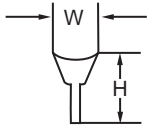


HSS, Cobalt & Carbide Tipped Tool Bits



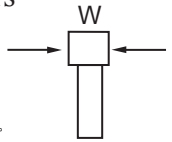
P Type Cut-Off Blades T - style over entire blade length to fit all T-style holders



HSS 10° Double Beveled



C6 Carbide tipped BRAZED V-GROOVE TIP 8°



Style	Width	Height	Length	Order No.	HSS(D)	Order No.	M42 8% Cobalt (D)	Carbide tipped Order No.	USA Brand	SHARS (F)
P1N	.040	1/2	3-1/2	404-1662	\$4.10	404-1698	\$12.10			
P1	1/16	1/2	4-1/2	404-1663	3.90	404-1699	10.95	404-1646	\$36.05	\$7.30
P2N	5/64	1/2	4-1/2	404-1664	3.90	404-1607	13.80	404-1647	36.05	7.30
P2	3/32	1/2	4-1/2	404-1665	3.90	404-1608	10.95	404-1648	36.05	7.30
P3S	1/8	1/2	4-1/2	404-1666	4.20	404-1609	10.95	404-1649	36.05	7.30
P3N	3/32	11/16	5	404-1667	4.20	404-1617	12.70	404-1650	40.20	7.90
	3/32	5/8	5	404-1691	4.90					
P3	1/8	11/16	5	404-1668	4.60	404-1618	12.70	404-1651	40.20	7.90
P4	5/32	11/16	5	404-1669	5.00			404-1652	40.20	7.90
P5S	3/16	11/16	5	404-1670	7.90			404-1653	40.20	7.90
P3W	1/8	3/4	5	404-1671	6.90	404-1619	13.70	404-1654	41.80	8.35
P4W	5/32	3/4	5	404-1672	7.60	404-1627	16.10	404-1655	41.80	8.35
P5W	3/16	3/4	5	404-1673	7.00			404-1656	41.80	8.35
P5X	1/8	7/8	6	404-1674	8.10	404-1628	16.10	404-1657	43.45	10.95
P5N	5/32	7/8	6	404-1675	8.10					
P5	3/16	7/8	6	404-1676	10.95	404-1629	20.95	404-1658	43.45	10.95
P6	1/4	7/8	6	404-1677	7.20			404-1659	43.45	11.40
	3/16	1	8	404-1696	11.39					
P8X	1/8	1-1/8	6-1/2	404-1678	7.20			404-1660	49.45	13.10
P8N	5/32	1-1/8	6-1/2	404-1679	7.80					
P8	3/16	1-1/8	6-1/2	404-1680	18.00			404-1661	49.45	14.15



Heavy Duty Cut-Off Tool Holders SHARS Carbide Tipped Tool Bit 6Pc. Set



- Furnished with HSS Cut-off blade and wrench

- Grade C6 For Steel

404-2048 Includes:

Holder Length	Blade	Lathes Swing	Order No.	Price(C)
4-1/2"	3/32 x 1/2"	6-8"	404-1681	\$19.95
5	3/32 x 5/8	9-10	404-1682	21.95
6	1/8 x 3/4	11-14	404-1683	25.95
7	1/8 x 7/8	14-16	404-1684	28.95
8	3/16 x 1	16	404-1685	34.95

Shank Size	OAL	Description
3/8X3/8"	3-1/2"	45° Left Angle
3/8X3/8	3-1/2	45° Right Angle
3/8X3/8	3-1/2	30° Angle
3/8X3/8	3-3/4	3/16" Wide, 60° Point
3/8X1/2	4	1/8x5/16" Straight Point
3/8X3/8	5-3/4	15° Angle

404-2049 Includes:

Shank Size	OAL	Description
1/2X1/2"	4"	45° Left Angle
1/2X1/2	4	45° Right Angle
1/2X1/2	4	30° Angle
1/2X1/2	4-3/8	1/4" Wide, 60° Point
3/8X5/8	4-1/2	5/32x3/8" Straight Point
1/2X1/2	7-1/4	15° Angle

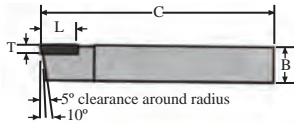
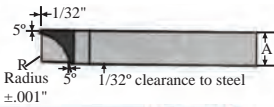
Order No. Price(F)

404-2048 \$14.95

404-2049 15.95



Brazed Radius Tools



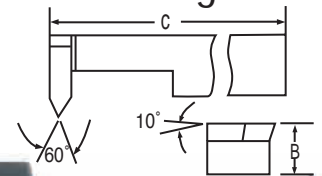
- Grade C6 For Steel

Radius	A_B	C	T	L	Order No.	USA Brand	SHARS (D)
1/32"	1/4"	2	3/32"	3/8"	404-1686		
1/16	1/4	2	3/32	3/8	404-1687	\$33.90	\$9.00
3/32	1/4	2	3/32	3/8	404-1688		
1/8	1/4	2	3/32	3/8	404-1689		
5/32	3/8	2	3/32	3/8	404-1714		
3/16	3/8	2	3/32	3/8	404-1715		
7/32	3/8	2	3/32	3/8	404-1716	33.90	13.95
1/4	3/8	2-1/2	3/32	3/8	404-1717		
9/32	1/2	3-1/2	1/8	1/2	404-1718		
5/16	1/2	3-1/2	1/8	1/2	404-1719		
11/32	1/2	3-1/2	1/8	1/2	404-1720	36.80	15.50
3/8	1/2	3-1/2	1/8	1/2	404-1721		
13/32	3/4	4-1/2	3/16	3/4	404-1722		
7/16	3/4	4-1/2	3/16	3/4	404-1723		
15/32	3/4	4-1/2	3/16	3/4	404-1724	41.45	15.50
1/2	3/4	4-1/2	3/16	3/4	404-1725		
Set of 4: 1/16, 1/8, 1/4, 3/8" radius					404-1726	131.00	29.95
Set of 8: 1/32 - 1/4" by 1/32nds					404-1727	256.00	59.95
Set of 8: 1/16 - 1/2" by 1/16ths					404-1728	267.00	69.95
Set of 16: 1/32 - 1/2" by 1/32nds					404-1729	523.00	99.95



Brazed Internal Threading Tools

- Styles IDRT and IDLT
- Styles IDRT SHOWN
- Grade C6 For Steel



Shank A	Shank B	Minimum Threaded Dia	Neck Length	OrderNo RightHand	OrderNo LeftHand	USA Brand	SHARS (E)
38"	38"	2-1/2"	.450"	.500"	404-1570	404-1574	\$16.45 \$6.60
38	38	2-1/2	.450	1.000	404-1571	404-1575	16.45 6.60
1/2	1/2	3-1/2	.575	.750	404-1572	404-1576	17.65 8.70
1/2	1/2	3-1/2	.575	1.250	404-1573	404-1577	17.65 8.70