

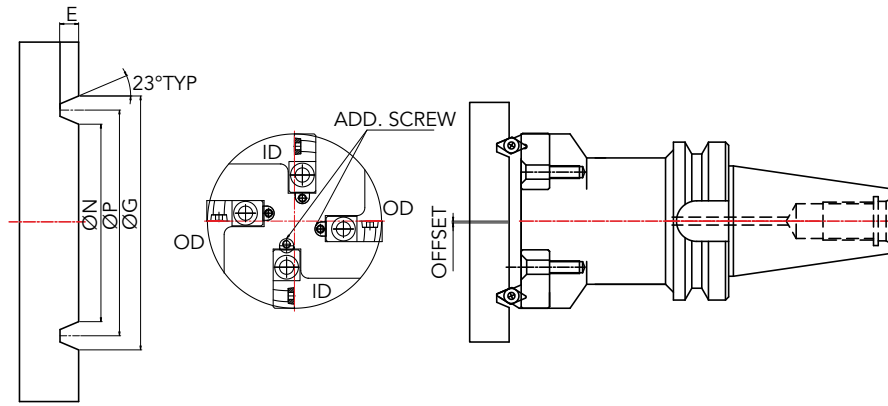
Ring Grooving Tools



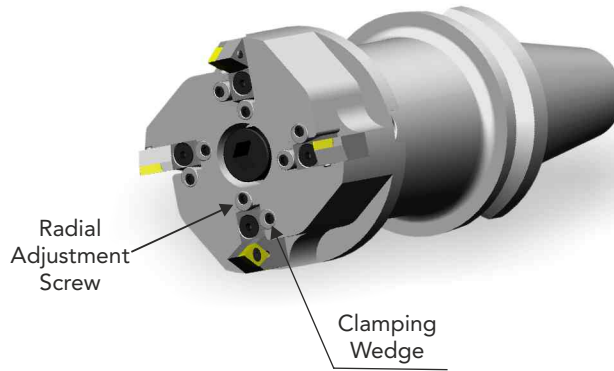
Ring Grooving Tools (API)

API Ring Grooving Tools is commonly used in oil & gas, valve machining industries.

With this tool we can generate groove on machining center. We designed this cutter in wedge type, so that we can set axial & radial run out very easily & precisely. We have our own ground & high positive insert for this application.



SR. NO.	RING GROOVE CODE	PART CODE		OFFSET		BODY	PITCH	
		BT50	HSK 100	INCH	MM		INCH	MM
01	BX-150	SRG/BX-150/BT50	SRG/BX-150/HSK100	0.061	1.549	RG-3		
02	BX-150-R	SRG/BX-150-R/BT50	SRG/BX-150-R/HSK100	0.097	2.464	RG-3		
03	BX-151	SRG/BX-151/BT50	SRG/BX-151/HSK100	0.065	1.651	RG-1		
04	BX-151-R	SRG/BX-151-R/BT50	SRG/BX-151-R/HSK100	0.097	2.464	RG-1		
05	BX-152	SRG/BX-152/BT50	SRG/BX-152/HSK100	0.069	1.753	RG-1		
06	BX-152-R	SRG/BX-152-R/BT50	SRG/BX-152-R/HSK100	0.091	2.311	RG-1		
07	BX-153	SRG/BX-153/BT50	SRG/BX-153/HSK100	0.077	1.956	RG-1		
08	BX-153-R	SRG/BX-153-R/BT50	SRG/BX-153-R/HSK100	0.110	2.794	RG-1		
09	BX-154	SRG/BX-154/BT50	SRG/BX-154/HSK100	0.083	2.108	RG-1		
10	BX-154-R	SRG/BX-154-R/BT50	SRG/BX-154-R/HSK100	0.112	2.845	RG-1		
11	BX-155	SRG/BX-155/BT50	SRG/BX-155/HSK100	0.100	2.540	RG-2		
12	BX-155-R	SRG/BX-155-R/BT50	SRG/BX-155-R/HSK100	0.223	5.664	RG-2		
13	BX-156	SRG/BX-156/BT50	SRG/BX-156/HSK100	0.132	3.353	RG-4		
14	BX-156-R	SRG/BX-156-R/BT50	SRG/BX-156-R/HSK100	0.166	4.216	RG-4		
15	BX-169	SRG/BX-169/BT50	SRG/BX-169/HSK100	0.081	2.057	RG-2		
16	R-16	SRG/R-16/BT50	SRG/R-16/HSK100	0.026	0.660	RG-3	2.000	50.800
17	R-18	SRG/R-18/BT50	SRG/R-18/HSK100	0.026	0.660	RG-3	2.375	60.325
18	R-19	SRG/R-19/BT50	SRG/R-19/HSK100	0.026	0.660	RG-3	2.563	65.100
19	R-20	SRG/R-20/BT50	SRG/R-20/HSK100	0.026	0.660	RG-3	2.688	68.275
20	R-23	SRG/R-23/BT50	SRG/R-23/HSK100	0.046	1.168	RG-1	3.250	82.550
21	R-23-R	SRG/R-23-R/BT50	SRG/R-23-R/HSK100	0.081	2.057	RG-1	3.300	83.820
22	R-24	SRG/R-24/BT50	SRG/R-24/HSK100	0.046	1.168	RG-1	3.750	95.250
23	R-24-R	SRG/R-24-R/BT50	SRG/R-24-R/HSK100	0.077	1.956	RG-1	3.800	96.520
24	R-26	SRG/R-26/BT50	SRG/R-26/HSK100	0.046	1.168	RG-1	4.000	101.600
25	R-27	SRG/R-27/BT50	SRG/R-27/HSK100	0.046	1.168	RG-1	4.250	107.950
26	R-31	SRG/R-31/BT50	SRG/R-31/HSK100	0.044	1.118	RG-2	4.875	123.825
27	R-31-R	SRG/R-31-R/BT50	SRG/R-31-R/HSK100	0.072	1.829	RG-2	4.920	124.968
28	R-35	SRG/R-35/BT50	SRG/R-35/HSK100	0.046	1.168	RG-2	5.375	136.525
29	R-35-R	SRG/R-35-R/BT50	SRG/R-35-R/HSK100	0.081	2.057	RG-2	5.420	137.668
30	R-37	SRG/R-37/BT50	SRG/R-37/HSK100	0.046	1.168	RG-2	5.875	149.225
31	R-39	SRG/R-39/BT50	SRG/R-39/HSK100	0.046	1.168	RG-2	6.375	161.925
32	R-39-R	SRG/R-39-R/BT50	SRG/R-39-R/HSK100	0.081	2.057	RG-2	6.420	163.068
33	R-41	SRG/R-41/BT50	SRG/R-41/HSK100	0.046	1.168	RG-2	7.125	180.975
34	R-44	SRG/R-44/BT50	SRG/R-44/HSK100	0.046	1.168	RG-2	7.625	193.675
35	R-44-R	SRG/R-44-R/BT50	SRG/R-44-R/HSK100	0.071	1.803	RG-2	7.670	194.818
36	R-45	SRG/R-45/BT50	SRG/R-45/HSK100	0.046	1.168	RG-2	8.313	211.150
37	R-46	SRG/R-46/BT50	SRG/R-46/HSK100	0.048	1.219	RG-2	8.313	211.150
38	R-46-R	SRG/R-46-R/BT50	SRG/R-46-R/HSK100	0.082	2.083	RG-2	8.360	212.344
39	1-13/16	SRG/1-13/16/BT50	SRG/1-13/16/HSK100	0.034	0.864	RG-1		
40	2-1/16-10K	SRG/2-1/16-10K/BT50	SRG/2-1/16-10K/HSK100	0.034	0.864	RG-1		
41	2-9/16-10K	SRG/2-9/16-10K/BT50	SRG/2-9/16-10K/HSK100	0.034	0.864	RG-2		
42	3-1/16-10K	SRG/3-1/16-10K/BT50	SRG/3-1/16-10K/HSK100	0.034	0.864	RG-2		
43	4-1/16-10K	SRG/4-1/16-10K/BT50	SRG/4-1/16-10K/HSK100	0.034	0.864	RG-2		
44	5-1/8-10K	SRG/5-1/8-10K/BT50	SRG/5-1/8-10K/HSK100	0.034	0.864	RG-2		



OD - G		WIDTH - N		DEPTH - E		INSERT	SCREW	EFFECTIVE FLUTES	OD @ DEPTH	ID @ DEPTH	MOUNTING BOLT/CART.
INCH	MM	INCH	MM	INCH	MM						
2.893	73.482	0.450	11.430	0.220	5.588	DOGT 11T308	SCR-02	2	2.771	2.115	1
3.341	84.861	0.841	21.361	0.485	12.319	DOGT 11T308	SCR-02	1	3.147	1.853	1
3.062	77.775	0.466	11.836	0.220	5.588	DOGT 11T308	SCR-02	2	2.932	2.260	1
3.496	88.798	0.846	21.488	0.485	12.319	DOGT 11T308	SCR-02	1	3.302	1.998	1
3.395	86.233	0.498	12.649	0.230	5.842	DOGT 11T308	SCR-02	2	3.257	2.537	1
3.826	97.180	0.876	22.250	0.505	12.827	DOGT 11T308	SCR-02	1	3.644	2.256	1
4.046	102.768	0.554	14.072	0.270	6.858	DOGT 11T308	SCR-02	2	3.892	3.092	1
4.486	113.944	0.936	23.774	0.535	13.589	DOGT 11T308	SCR-02	1	4.266	2.834	1
4.685	118.999	0.606	15.392	0.300	7.620	DOGT 11T308	SCR-02	2	4.519	3.639	1
5.116	129.946	0.971	24.663	0.570	14.478	DOGT 11T308	SCR-02	1	4.892	3.398	1
5.930	150.622	0.698	17.729	0.330	8.382	DOGT 11T308	SCR-02	2	5.730	4.734	1
6.366	161.696	1.076	27.330	0.595	15.113	DOGT 11T308	SCR-02	1	5.920	4.660	2
9.521	241.833	0.921	23.393	0.440	11.176	VOGT 160408	SCR-02	2	9.257	7.943	2
9.956	252.882	1.306	33.172	0.710	18.034	VOGT 160408	SCR-02	1	9.624	7.676	2
6.955	176.657	0.666	16.916	0.380	9.652	VOGT 160408	SCR-02	2	6.793	5.785	1
		0.344	8.738	0.250	6.350	VOGT 160408	SCR-01	2	2.292	1.708	1
		0.344	8.738	0.250	6.350	VOGT 160408	SCR-01	2	2.667	2.083	1
		0.344	8.738	0.250	6.350	VOGT 160408	SCR-01	2	2.855	2.271	1
		0.344	8.738	0.250	6.350	VOGT 160408	SCR-01	2	2.980	2.396	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	3.627	2.873	1
		0.871	22.123	0.575	14.605	VOGT 160408	SCR-02	1	3.994	2.606	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	4.127	3.373	1
		0.469	11.913	0.590	14.986	VOGT 160408	SCR-02	1	4.517	3.083	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	4.377	3.623	1
		0.856	21.742	0.310	7.874	DOGT 11T308	SCR-02	2	4.627	3.873	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	5.256	4.494	1
		0.856	21.742	0.575	14.605	VOGT 160408	SCR-02	1	5.632	4.208	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	5.752	4.998	1
		0.856	21.742	0.575	14.605	VOGT 160408	SCR-02	1	6.114	4.726	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	6.252	5.498	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	6.752	5.998	1
		0.856	21.742	0.575	14.605	VOGT 160408	SCR-02	1	7.114	5.726	1
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	7.502	6.748	2
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	8.002	7.248	2
		0.856	21.742	0.575	14.605	VOGT 160408	SCR-02	1	8.384	6.956	2
		0.469	11.913	0.310	7.874	DOGT 11T308	SCR-02	2	8.690	7.936	2
		0.531	13.487	0.380	9.652	VOGT 160408	SCR-02	2	8.748	7.878	2
		0.916	23.266	0.645	16.383	VOGT 160408	SCR-02	1	9.112	7.608	2
4.373	111.074	0.377	9.576	0.258	6.553	VOGT 160408	SCR-01	2	4.305	3.687	1
4.623	117.424	0.377	9.576	0.258	6.553	VOGT 160408	SCR-01	2	4.555	3.937	1
5.873	149.174	0.377	9.576	0.258	6.553	VOGT 160408	SCR-01	2	5.805	5.187	1
5.748	145.999	0.377	9.576	0.258	6.553	VOGT 160408	SCR-01	2	5.680	5.062	1
7.123	180.924	0.377	9.576	0.258	6.553	VOGT 160408	SCR-01	2	7.055	6.437	2
8.748	222.199	0.377	9.576	0.258	6.553	VOGT 160408	SCR-01	2	8.680	8.062	2