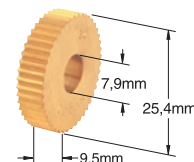
**O Series**

For knurl cutting, use full faced knurl wheels only.
 For End Feed form knurling, use beveled knurl wheels only.
 For In Feed form knurling, beveled or full faced may be used.



Circular Knurl Pitch		Included Tooth Angle	Knurl Pattern	O Series Knurl Wheel	Straight		Diagonal Right		Diagonal Left		Diamond	
Inch	Metric				High Speed TiN Coated	Cobalt TiN Coated	High Speed TiN Coated	Cobalt TiN Coated	High Speed TiN Coated	Cobalt TiN Coated	Male High Speed TiN Coated	Female High Speed TiN Coated
10 (TPI)	2,5mm	90°	Course	Description	OS-10-HS	OS-10-C	ODR-10-HS	ODR-10-C	ODL-10-HS	ODL-10-C	OM-10-HS	OF-10-HS
				Tracking Data	31T / .0326"	31T / .0326"	26T / .0389"	26T / .0389"	26T / .0389"	26T / .0389"	26T / .0389"	26T / .0389"
				Full Faced	25604	25670	25736	-	25868	-	-	-
				Beveled	25637	25703	25769	-	25901	-	-	-
12 (TPI)	2,0mm	90°		Description	OS-12-HS	OS-12-C	ODR-12-HS	ODR-12-C	ODL-12-HS	ODL-12-C	OM-12-HS	OF-12-HS
				Tracking Data	37T / .0273"	37T / .0273"	33T / .0306"	33T / .0306"	33T / .0306"	33T / .0306"	33T / .0306"	33T / .0306"
				Full Faced	25606	25672	25738	25804	25870	25936	-	-
				Beveled	25639	25705	25771	25837	25903	25969	-	-
14 (TPI)	1,8mm	90°		Description	OS-14-HS	OS-14-C	ODR-14-HS	ODR-14-C	ODL-14-HS	ODL-14-C	OM-14-HS	OF-14-HS
				Tracking Data	44T / .0230"	44T / .0230"	46T / .0220"	46T / .0220"	46T / .0220"	46T / .0220"	46T / .0220"	46T / .0220"
				Full Faced	25608	25674	25740	25806	25872	25938	-	-
				Beveled	25641	25707	25773	25839	25905	25971	-	-
16 (TPI)	1,6mm	90°		Description	OS-16-HS	OS-16-C	ODR-16-HS	ODR-16-C	ODL-16-HS	ODL-16-C	OM-16-HS	OF-16-HS
				Tracking Data	50T / .0202"	50T / .0202"	45T / .0224"	45T / .0224"	45T / .0224"	45T / .0224"	45T / .0224"	45T / .0224"
				Full Faced	25610	25676	25742	25808	25874	25940	-	-
				Beveled	25643	25709	25775	25841	25907	25973	-	-
20 (TPI)	1,2mm	90°	Medium	Description	OS-20-HS	OS-20-C	ODR-20-HS	ODR-20-C	ODL-20-HS	ODL-20-C	OM-20-HS	OF-20-HS
				Tracking Data	61T / .0165"	61T / .0165"	54T / .0187"	54T / .0187"	54T / .0187"	54T / .0187"	54T / .0187"	54T / .0187"
				Full Faced	25612	25678	25744	25810	25876	25942	26008	26074
				Beveled	25645	25711	25777	25843	25909	25975	26041	26107
25 (TPI)	1,0mm	90°		Description	OS-25-HS	OS-25-C	ODR-25-HS	ODR-25-C	ODL-25-HS	ODL-25-C	OM-25-HS	OF-25-HS
				Tracking Data	78T / .0129"	78T / .0129"	68T / .0148"	68T / .0148"	68T / .0148"	68T / .0148"	68T / .0148"	68T / .0148"
				Full Faced	25614	25680	25746	25812	25878	25944	26010	26076
				Beveled	25647	25713	25779	25845	25911	25977	26043	26109
30 (TPI)	0,8mm	90°		Description	OS-30-HS	OS-30-C	ODR-30-HS	ODR-30-C	ODL-30-HS	ODL-30-C	OM-30-HS	OF-30-HS
				Tracking Data	95T / .0106"	95T / .0106"	81T / .0124"	81T / .0124"	81T / .0124"	81T / .0124"	81T / .0124"	81T / .0124"
				Full Faced	25616	25682	25748	25814	25880	25946	26012	26078
				Beveled	25649	25715	25781	25847	25913	25979	26045	26111
35 (TPI)	0,7mm	90°	Fine	Description	OS-35-HS	OS-35-C	ODR-35-HS	ODR-35-C	ODL-35-HS	ODL-35-C	OM-35-HS	OF-35-HS
				Tracking Data	110T / .0091"	110T / .0091"	95T / .0106"	95T / .0106"	95T / .0106"	95T / .0106"	95T / .0106"	95T / .0106"
				Full Faced	25618	25684	-	-	-	-	-	-
				Beveled	25651	25717	-	-	-	-	-	-
40 (TPI)	0,6mm	90°		Description	OS-40-HS	OS-40-C	ODR-40-HS	ODR-40-C	ODL-40-HS	ODL-40-C	OM-40-HS	OF-40-HS
				Tracking Data	124T / .0081"	124T / .0081"	108T / .0093"	108T / .0093"	108T / .0093"	108T / .0093"	108T / .0093"	108T / .0093"
				Full Faced	25620	-	-	-	-	-	-	-
				Beveled	25653	-	-	-	-	-	-	-
50 (TPI)	0,5mm	70°		Description	OS-50-HS	OS-50-C	ODR-50-HS	ODR-50-C	ODL-50-HS	ODL-50-C	OM-50-HS	OF-50-HS
				Tracking Data	158T / .0063"	158T / .0063"	135T / .0074"	135T / .0074"	135T / .0074"	135T / .0074"	135T / .0074"	135T / .0074"
				Full Faced	25622	25688	-	-	-	-	-	-
				Beveled	25655	25721	-	-	-	-	-	-
Diametral Pitch												
64	1,2mm	80°	Medium	Description	OS-64-HS	OS-64-C	ODR-64-HS	ODR-64-C	ODL-64-HS	ODL-64-C	OM-64-HS	OF-64-HS
				Tracking Data	64T / .0156"	64T / .0156"	64T / .0156"	64T / .0156"	64T / .0156"	64T / .0156"	64T / .0156"	64T / .0156"
				Full Faced	25624	25690	-	-	-	-	-	-
				Beveled	25657	25723	-	-	-	-	-	-
96	0,8mm	80°		Description	OS-96-HS	OS-96-C	ODR-96-HS	ODR-96-C	ODL-96-HS	ODL-96-C	OM-96-HS	OF-96-HS
				Tracking Data	96T / .0104"	96T / .0104"	96T / .0104"	96T / .0104"	96T / .0104"	96T / .0104"	96T / .0104"	96T / .0104"
				Full Faced	25626	25692	25758	25824	25890	25956	26022	26088
				Beveled	25659	25725	25791	25857	25923	25989	26055	26121
128	0,6mm	80°	Fine	Description	OS-128-HS	OS-128-C	ODR-128-HS	ODR-128-C	ODL-128-HS	ODL-128-C	OM-128-HS	OF-128-HS
				Tracking Data	128T / .0078"	128T / .0078"	128T / .0078"	128T / .0078"	128T / .0078"	128T / .0078"	128T / .0078"	128T / .0078"
				Full Faced	25628	25694	-	-	-	-	-	-
				Beveled	25661	25727	-	-	-	-	-	-