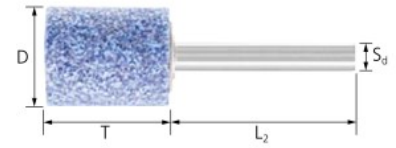



TOUGH, cylindrical type

The cylindrical shape ZY is ideal for grinding bores, radii and contours.



D x T [mm]	Grit size							US shape	Opt. RPM	Max. RPM		Description
	24	30	46	60	80	100	320					
EAN 4007220												
Shank dia. 3 x 30 mm [S_d x L₂]												
1 x 5	-	-	-	-	-	-	898383	-	104,200	104,200	10	ZY 0105 3 AWCO ... J5V TOUGH
1.5 x 8	-	-	-	-	-	-	898390	-	104,700	104,700	10	ZY 1,508 3 AWCO ... J5V TOUGH
1.7 x 8	-	-	-	-	-	-	898406	-	112,300	112,300	10	ZY 1,708 3 AWCO ... J5V TOUGH
2 x 5	-	-	-	-	898413	898420	-	W 141	150,000	201,800	10	ZY 0205 3 AWCO ... J5V TOUGH
3 x 6	-	-	-	898437	802106	802120	-	W 144	150,000	206,100	10	ZY 0306 3 AWCO ... J5V TOUGH
4 x 8	-	-	-	898444	802137	802144	-	-	150,000	175,100	10	ZY 0408 3 AWCO ... J5V TOUGH
5 x 10	-	-	-	898451	802151	802168	-	W 153	130,700	130,700	10	ZY 0510 3 AWCO ... J5V TOUGH
6 x 13	-	-	898468	802175	802182	802199	-	W 163	93,600	93,600	10	ZY 0613 3 AWCO ... J5V TOUGH
8 x 10	-	-	947852	-	-	-	-	W 169	87,600	87,600	10	ZY 0810 3 AWCO ... J5V TOUGH
8 x 16	-	-	898475	898499	898505	-	-	-	61,000	61,000	10	ZY 0816 3 AWCO ... J5V TOUGH
10 x 13	-	-	-	-	947869	-	-	W 176	58,400	58,400	10	ZY 1013 3 AWCO ... J5V TOUGH
13 x 3	-	-	-	898574	-	-	-	W 182	65,000	73,400	10	ZY 1303 3 AWCO ... J5V TOUGH
20 x 6	-	-	898581	898598	-	-	-	W 201	45,000	47,700	10	ZY 2006 3 AWCO ... J5V TOUGH

Shank dia. 6 x 40 mm [S_d x L₂]

5 x 10	-	-	-	-	-	947876	-	W 153	150,000	157,800	10	ZY 0510 6 AWCO ... J5V TOUGH
8 x 16	-	-	802205	-	802212	-	-	-	100,000	119,300	10	ZY 0816 6 AWCO ... J5V TOUGH
10 x 13	-	-	802229	-	802274	-	-	W 176	85,000	95,400	10	ZY 1013 6 AWCO ... J5V TOUGH
10 x 20	-	-	898512	-	898550	-	-	-	85,000	95,400	10	ZY 1020 6 AWCO ... J5V TOUGH
13 x 25	-	-	802304	-	802311	-	-	W 187	65,000	66,000	10	ZY 1325 6 AWCO ... J5V TOUGH
16 x 20	-	947883	802328	802335	-	-	-	W 195	55,000	59,600	10	ZY 1620 6 AWCO ... J5V TOUGH
16 x 32	-	947890	802342	802366	-	-	-	-	51,200	51,200	10	ZY 1632 6 AWCO ... J5V TOUGH
20 x 25	-	947906	802373	802397	-	-	-	W 205	45,000	47,700	10	ZY 2025 6 AWCO ... J5V TOUGH
20 x 40	-	947913	898604	898628	-	-	-	W 207	32,400	32,400	10	ZY 2040 6 AWCO ... J5V TOUGH
25 x 25	-	947920	-	-	-	-	-	W 220	35,000	38,100	10	ZY 2525 6 AWCO ... J5V TOUGH
32 x 16	-	-	947937	-	-	-	-	-	27,000	29,800	5	ZY 3216 6 AWCO ... J5V TOUGH
32 x 32	947944	-	802427	-	-	-	-	W 230	25,700	25,700	5	ZY 3232 6 AWCO ... J5V TOUGH
40 x 10	-	-	898635	898642	-	-	-	W 236	22,000	23,800	5	ZY 4010 6 AWCO ... J5V TOUGH
40 x 20	-	-	802434	-	-	-	-	-	22,000	23,800	5	ZY 4020 6 AWCO ... J5V TOUGH

TOUGH, ball type

The ball shape KU is often used for contour grinding and backside deburring.



D [mm]	Grit size				Opt. RPM	Max. RPM		Description
	46	60	80	100				
EAN 4007220								
Shank dia. 3 x 30 mm [S_d x L₂]								
3	-	898659	898666	-	150,000	300,200	10	KU 03 3 AWCO ... J5V TOUGH
6	-	898673	802465	802472	140,000	159,100	10	KU 06 3 AWCO ... J5V TOUGH
8	898680	-	802489	802519	100,000	116,200	10	KU 08 3 AWCO ... J5V TOUGH
Shank dia. 6 x 40 mm [S_d x L₂]								
13	802533	802557	802595	-	65,000	73,400	10	KU 13 6 AWCO ... J5V TOUGH