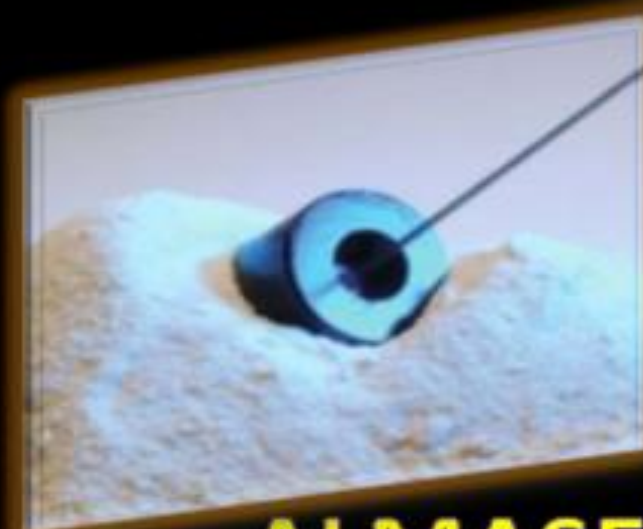
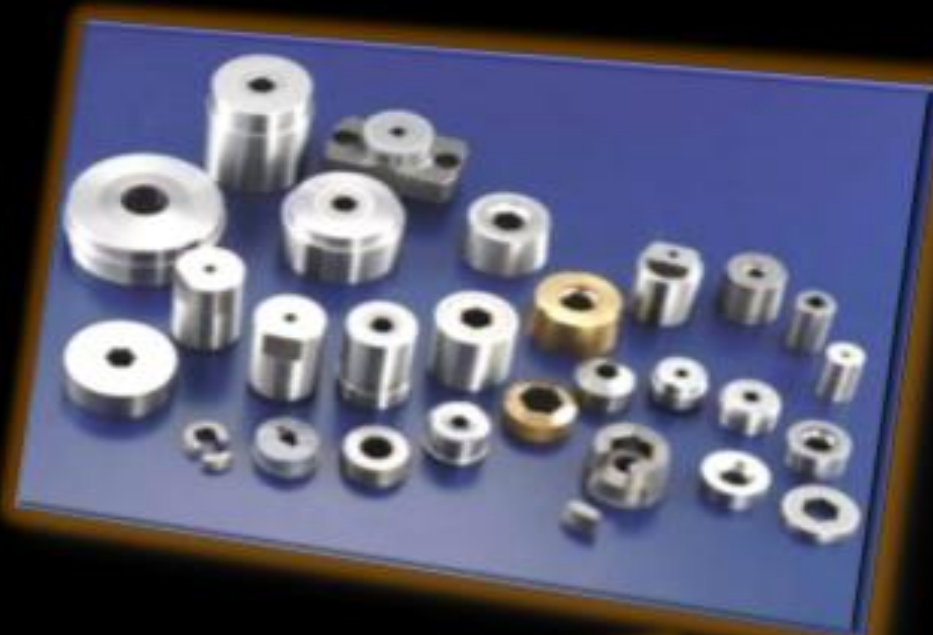


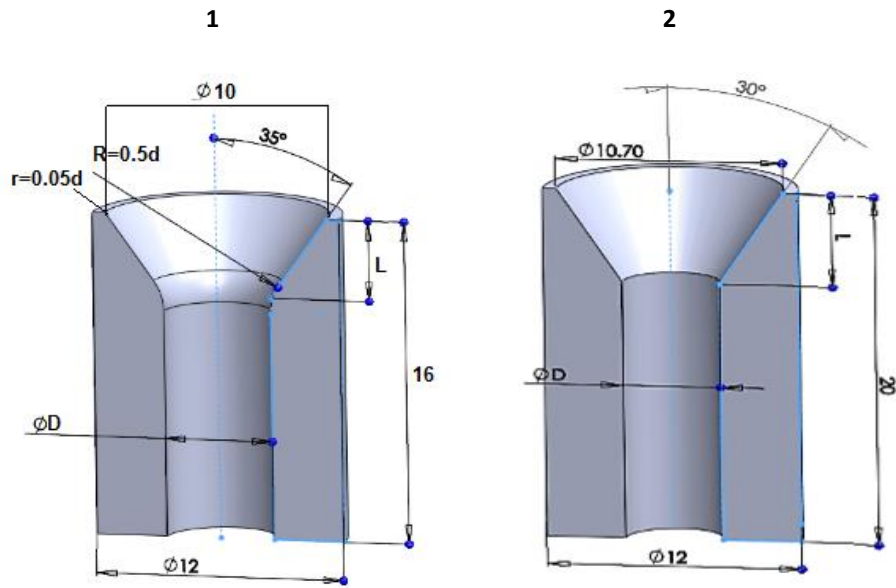


شرکت الماسه ساز

تولید کننده انواع دوزه های هارد متالی

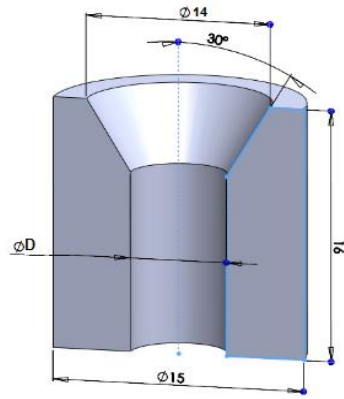
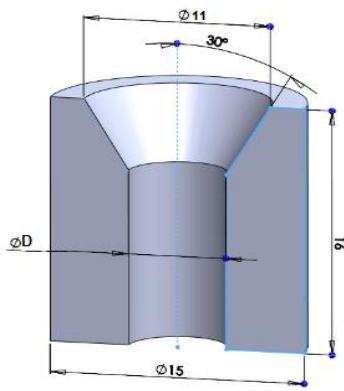


ALMASE SAZ CO.



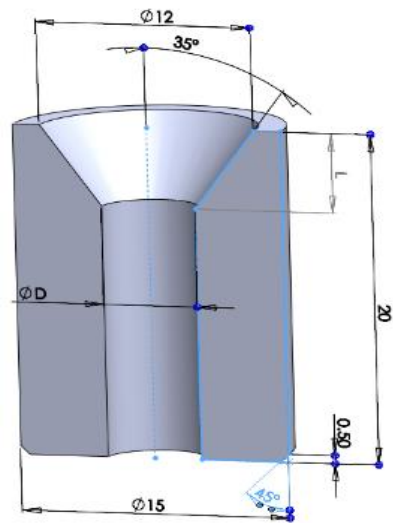
Pos	Type 1	Dimensions			
		ØD	L	R=0.5d	r=0.05d
1	ELA-D12*16-3.60	3.60	5.138	1.80	0.18
2	ELA-D12*16-3.65	3.65	5.102	1.825	0.1825
3	ELA-D12*16-4.40	4.40	4.566	2.20	0.22
4	ELA-D12*16-4.45	4.45	4.531	2.225	0.2225
5	ELA-D12*16-5.20	5.20	3.995	2.60	0.26
6	ELA-D12*16-5.35	5.35	3.924	2.675	0.2675
7	ELA-D12*16-5.40	5.40	3.852	2.70	0.27
8	ELA-D12*16-5.60	5.60	3.709	2.80	0.28

Pos	Type 2	Dimensions	
		ØD	L
1	ELC.Y.12*20-4.6	4.6	5.28
2	ELC.Y.12*20-4.7	4.7	5.19

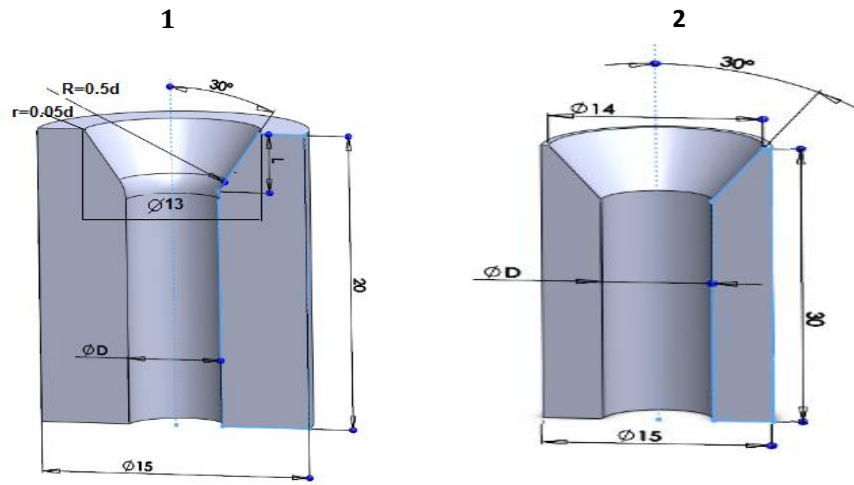


Pos	Type	Dimensions	
		ØD	L
1	DF-15*16-3.36	3.36	9.21
2	DF-15*16-3.55	3.55	9.05
3	DF-15*16-3.80	3.80	8.83
4	DF-15*16-3.85	3.85	8.79
5	DF-15*16-4.25	4.25	8.44
6	DF-15*16-4.55	4.55	8.18
7	DF-15*16-4.65	4.65	8.10
8	DF-15*16-4.70	4.70	8.05
9	DF-15*16-4.80	4.80	7.79
10	DF-15*16-4.85	4.85	7.92
11	DF-15*16-4.95	4.95	7.84
12	DF-15*16-5.05	5.05	7.75
13	DF-15*16-5.50	5.50	7.36
14	DF-15*16-5.65	5.65	7.23
15	DF-15*16-5.70	5.70	7.19
16	DF-15*16-5.75	5.75	7.14
17	DF-15*16-5.85	5.85	7.05
18	DF-15*16-6.00	6.00	6.93
19	DF-15*16-6.10	6.10	6.84
20	DF-15*16-6.30	6.30	6.67
21	DF-15*16-6.40	6.40	6.58
22	DF-15*16-6.55	6.55	6.45
23	DF-15*16-6.70	6.70	6.32
24	DF-15*16-6.80	6.80	6.24
25	DF-15*16-7.20	7.20	5.88
26	DF-15*16-7.50	7.50	5.63

Pos	Type	Dimensions	
		ØD	L
27	DF-15*16-7.60	7.60	5.54
28	DF-15*16-7.65	7.65	5.50
29	DF-15*16-7.70	7.70	5.46
30	DF-15*16-7.90	7.90	7.88
31	DF-15*16-8.08	8.08	6.89
32	DF-15*16-8.10	8.10	5.11
33	DF-15*16-8.50	8.50	4.76
34	DF-15*16-8.60	8.60	4.68
35	DF-15*16-9.00	9.00	4.33
36	DF-15*16-10.00	10.00	3.38
37	DF-15*16-10.10	10.10	3.38
38	DF-15*16-10.20	10.20	3.29
39	DF-15*16-10.40	10.40	3.12
40	DF-15*16-10.50	10.50	3.03
41	DF-15*16-10.60	10.60	2.94
42	DF-15*16-10.80	10.80	2.77
43	DF-15*16-10.90	10.90	2.68
44	DF-15*16-11.00	11.00	2.60
45	DF-15*16-11.40	11.40	2.25
46	DF-15*16-11.50	11.50	2.17
47	DF-15*16-11.70	11.70	1.99
48	DF-15*16-11.85	11.85	1.86
49	DF-15*16-12.10	12.10	1.65
با قطر بالا Q11			
50	ELC.Y.15*16-5.75	5.75	4.55
51	ELC.Y.15*16-4.65	4.65	5.50

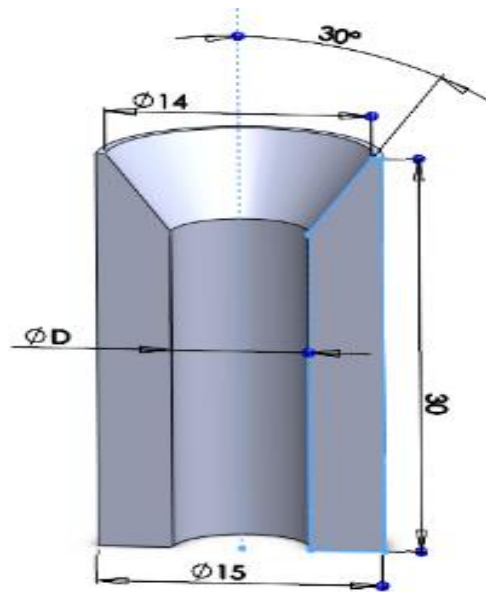


Pos	Type	Dimensions	
		ØD	L
1	DF-1520-3.70	3.7	5.93
2	DF-1520-4.65	4.65	5.25
3	ELC.Y.20-15-4.70	4.7	5.21
4	ELC.Y.20-15-4.75	4.75	5.18
5	ELC.Y.20-15-4.80	4.8	5.14
6	DF-1520-4.85	4.85	5.11
7	ELC.Y.20-15-5.25	5.25	4.82
8	ELC.Y.20-15-5.75	5.75	4.46
9	ELC.Y.20-15-5.8	5.8	4.43
10	DF-1520-5.85	5.85	4.39
11	ELC.Y.20-15-5.9	5.9	4.36
12	DF-1520-6.00	6.00	4.28
13	ELC.Y.20-15-6.50	6.5	3.93
14	ELC.Y.20-15-6.85	6.85	3.68
15	ELC.Y.20-15-7.1	7.1	3.5
16	ELC.Y.20-15-7.15	7.15	3.46
17	ELC.Y.20-15-7.2	7.2	3.43
18	ELC.Y.20-15-7.25	7.25	3.39
19	DF-1520-7.40	7.4	3.28
20	ELC.Y.20-15-7.80	7.8	3
21	ELC.Y.20-15-8.00	8	2.86
22	DF-1520-8.00	8.00	2.86
23	ELC.Y.20-15-8.20	8.2	2.71
24	ELC.Y.20-15-9.85	9.85	1.54
25	DF-1520-10.1	10.1	1.36

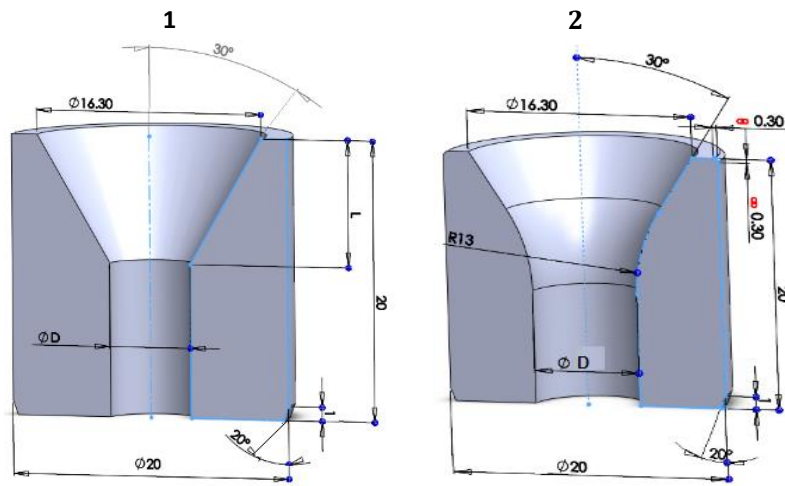


Pos	Type 1	Dimensions			
		ØD	L	R=0.5d	r=0.05d
1	ELA-D15*20-5.70	5.70	6.801	2.85	0.285
2	ELA-D15*20-6.70	6.70	5.935	3.35	0.335
3	ELA-D15*20-6.80	6.80	5.848	3.40	0.34
4	ELA-D15*20-7.15	7.15	5.545	3.575	0.3575
5	ELA-D15*20-8.60	9.60	4.289	4.3	0.43

Pos	Type 2	Dimensions	
		ØD	L
1	DF-1530-4.50	4.50	8.37
2	ELC.Y.30-15-4.65	4.65	8.10
3	ELC.Y.30-15-4.70	4.70	8.05
4	ELC.Y.30-15-4.75	4.75	8.01
5	ELC.Y.30-15-4.85	4.85	7.92
6	ELC.Y.30-15-4.9	4.9	7.88
7	DF-1530-5.50	5.50	7.51
8	ELC.Y.30-15-5.75	5.75	7.14
9	ELC.Y.30-15-5.85	5.85	7.06
10	DF-1530-6.00	6.00	7.07
11	ELC.Y.30-15-6.40	6.40	6.58
12	ELC.Y.30-15-6.60	6.60	6.41
13	ELC.Y.30-15-6.80	6.80	6.24
14	DF-1530-7.20	7.20	5.94

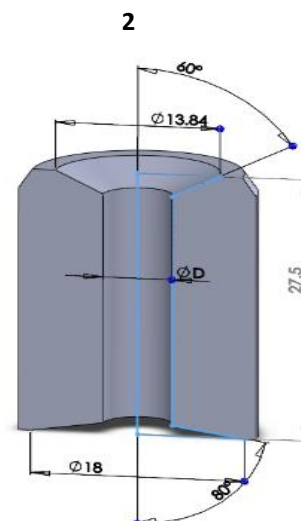
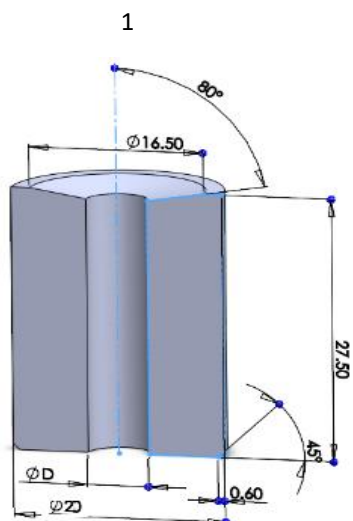


Pos	Type	Dimensions	
		ØD	L
1	DF-1530-4.50	4.50	8.37
2	ELC.Y.30-15-4.65	4.65	8.10
3	ELC.Y.30-15-4.70	4.70	8.05
4	ELC.Y.30-15-4.75	4.75	8.01
5	ELC.Y.30-15-4.85	4.85	7.92
6	ELC.Y.30-15-4.9	4.9	7.88
7	DF-1530-5.50	5.50	7.51
8	ELC.Y.30-15-5.75	5.75	7.14
9	ELC.Y.30-15-5.85	5.85	7.06
10	DF-1530-6.00	6.00	7.07
11	ELC.Y.30-15-6.40	6.40	6.58
12	ELC.Y.30-15-6.60	6.60	6.41
13	ELC.Y.30-15-6.80	6.80	6.24
14	DF-1530-7.20	7.20	5.94



Pos	Type 1	Dimensions	
		ØD	L
1	ELC.S.20-20-3.9	3.9	10.74
2	ELC.S.20-20-4.7	4.7	10.05
3	ELC.S.20-20-4.75	4.75	10.00
4	ELC.S.20-20-5.6	5.6	9.27
5	ELC.S.20-20-5.85	5.85	9.05
6	ELC.S.20-20-7	7	8.05
7	ELC.S.20-20-7.30	7.30	7.79
8	ELC.S.20-20-7.60	7.60	7.53
9	ELC.S.20-20-8.00	8.00	7.19
10	ELC.S.20-20-8.2	8.2	7.01
11	ELC.S.20-20-8.40	8.40	6.84
12	ELC.S.20-20-9.65	9.65	5.76
13	ELC.S.20-20-9.80	9.80	5.63

Pos	Type 2	Dimensions	
		ØD	L
1	DG-202076060	7.6	7.56
2	DG-202093060	9.3	6.8
3	DG-2020102060	10.2	5.3



Pos	Type 1	Dimensions
		ØD
1	DG-2027-370	3.70
2	DG-2027-375	3.75
3	DG-2027-420	4.20
4	DG-2027-425	4.25
5	DG-2027-464	4.64
6	DG-2027-465	4.65
7	DG-2027-515	5.15
8	DG-2027-535	5.35
9	DG-2027-560	5.60
10	DG-2027-580	5.80
11	DG-2027-655	6.55
12	DG-2027-665	6.65
13	DG-2027-675	6.75
14	DG-2027-700	7.00
15	DG-2027-715	7.15
16	DG-2027-815	8.15
17	DG-2027-825	8.25
18	DG-2027-1015	10.15

Pos	Type 2	Dimensions
		ØD
1	DE-2027-SH-370	3.70
2	DE-2027-SH-375	3.75
3	DE-2027-SH-420	4.20
4	DE-2027-SH-425	4.25
5	DE-2027-SH-453	4.53
6	DE-2027-SH-464	4.64
7	DE-2027-SH-465	4.65
8	DE-2027-SH-515	5.15
9	DE-2027-SH-535	5.35
10	DE-2027-SH-560	5.60
11	DE-2027-SH-565	5.65
12	DE-2027-SH-580	5.80
13	DE-2027-SH-655	6.55
14	DE-2027-SH-665	6.65
15	DE-2027-SH-675	6.75
16	DE-2027-SH-685	6.85
17	DE-2027-SH-700	7.00
18	DE-2027-SH-715	7.15
19	DE-2027-SH-815	8.15
20	DE-2027-SH-825	8.25
21	DE-2027-SH-1015	10.15
22	DE-2027-SH-730	7.30