



**MOST COMMON METRIC
ROTORY SHAFT SEAL STYLES**

CB CC CD BB BC BD DB
R21 R23 R25 R4 R6 R12 R1

Style	Description	Alternate References
R1	Totally Metal Enclosed	C / SA / DB / SFK / 824N / B2 / B303 / WC
R4	Single Lip Metal	B / SB / BB / DF / 822N / B1 / B207 / WB
R5	Double Lip/Double Sprung Metal	BK
R6	Double Lip Metal	BC / TB / BC / DFS / 822S / B1SL / B210 / WBS
R12	Single Lip Springless Metal	BD / WBO
R21	Single Lip	CB / SC / A / DG / 827N / BA / A103 / WA
R22	Double Lip/Double Sprung	CK / WAD
R23	Double Lip	CC / TC / AS / DGS / 827S / BASL / A104 / WAS
R25	Single Lip Springless	CD / WAO

SEAL MATERIAL NBR UNLESS QUOTED OTHERWISE (V = VITON, S = SILICONE)

THE FOLLOWING PAGES DETAIL THE SIZES THAT ARE PART OF OUR STANDARD STOCKHOLDING, LESS COMMON SIZES AND STYLES ARE OFTEN AVAILABLE WITH A MINIMAL LEAD TIME

SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
4 12 6 R21	8 24 7 R21 V	11 25 7 R23	12 32 7 R21 V	15 24 5 R23	16 24 5 R21 V
4 16 6 R21	8 24 7 R23	11 26 7 R21	12 32 7 R23	15 24 6 R23	16 24 6 R21
5 15 6 R21	8 25 7 R23	11 28 7 R23	12 32 10 R23	15 24 7 R21	16 24 7 R21
5 16 6 R23	8 25 8 R23	11 30 7 R23	12 35 7 R23	15 24 7 R23	16 24 7 R23
5 22 7 R23	8 34 8 R23	12 18 4 R21	12 37 7 R23	15 24 7 R23 V	16 25 6 R23
6 14 6 R21	9 16 4 R21	12 18 4 R21 V	13.7 24 5 R21	15 25 5 R21	16 25 7 R21
6 15 4 R21 V	9 18 7 R23	12 18 5 R23	13 19 3 R25 V	15 25 5 R21 V	16 26 5 R21
6 16 5 R21	9 19 5 R23	12 19 5 R21	13 20 5 R23	15 25 6 R21	16 26 6 R23
6 16 7 R21	9 19 7 R23	12 19 5 R21 V	13 22 5 R21	15 25 7 R21	16 26 7 R21
6 16 7 R21 V	9 22 7 R21	12 19 5 R23	13 24 6 R21	15 25 7 R23	16 26 7 R23
6 16 7 R23	9 22 7 R23	12 20 5 R23	13 25 7 R21	15 26 6 R23	16 26 8 R23
6 18 7 R23	9 22 7 V R23	12 20 6 R23	13 26 5 R21	15 26 7 R21	16 28 7 R21
6 19 6 R21	9 24 7 R21	12 21 4 R21	13 26 5 R21 V	15 26 7 R23	16 28 7 R21 V
6 19 7 R21	9 24 7 R23	12 21 5 R21	13 26 7 R21	15 26 7 R23 V	16 28 7 R23
6 19 7 R23	9 25 7 R23	12 21 7 R23	13 26 7 R23	15 27 7 R23	16 28 7 R23 V
6 25 6 R21	9 26 7 R21	12 22 4 R21	13 28 7 R21	15 28 4 R21	16 30 4.5 R21
7 14 5 R21	10 16 4 R21	12 22 5 R21	13 30 7 R23	15 28 7 R21	16 30 6 R23
7 16 7 R21	10 16 5 R21	12 22 5 R23	13 30 10 R23	15 28 7 R21 V	16 30 7 R21
7 16 7 R23	10 17 5 R23	12 22 6.5 R21	13 32 6 R21	15 28 7 R23	16 30 7 R21 V
7 17 7 R23	10 18 4 R21	12 22 6 R21	14 21 4 R23	15 29 7 R23	16 30 7 R23
7 18 7 R21	10 18 4 R23 V	12 22 6 R23	14 22 4 R21	15 30 4.5 R21	16 32 7 R21
7 18 7 R23	10 18 5 R21	12 22 7 R21	14 22 5 R21	15 30 5 R21	16 32 7 R23
7 19 7 R23	10 18 6 R21	12 22 7 R21 V	14 22 5 R23	15 30 7 R21	16 35 7 R21
7 22 7 R21	10 18 6 R23	12 22 7 R23	14 22 7 R21	15 30 7 R21 V	16 35 7 R23
7 31 7 R23	10 19 4 R21	12 22 7 R23 V	14 22 7 R23	15 30 7 R23	16 35 7 R23 V
8 14 4 R21	10 19 7 R21	12 22 9 R23	14 24 5 R21	15 30 10 R21	16 35 10 R21
8 14 4 R21 V	10 19 7 R21 V	12 23 7 R23	14 24 6 R23	15 30 10 R23	16 38 7 R21
8 16 5 R21	10 19 7 R23	12 24 4.5 R21	14 24 7 R21	15 32 5.5 R21	16 40 7 R23
8 16 6 R21	10 20 5 R23	12 24 6 R21	14 24 7 R21 V	15 32 7 R21	16 40 8 R21
8 X 16 X 6 R23	10 20 7 R23	12 24 6 R23	14 24 7 R23	15 32 7 R23	16 40 10 R23
8 16 7 R21	10 21 4 R23	12 24 7 R21	14 24 8 R23	15 35 5 R21	17 24 5 R21
8 16 7 R21 V	10 21 5 R21	12 24 7 R21 V	14 25 4 R23	15 35 6 R23	17 24 7 R23
8 16 7 R23	10 22 5 R23	12 24 7 R23	14 25 5 R21	15 35 7 R21	17 25 4 R21
8 18 5 R21	10 22 7 R23	12 25 5 R21	14 26 7 R21	15 35 8 R21	17 25 7 R21
8 18 5 R23	10 23 7 R23	12 25 7 R21	14 26 7 R23	15 35 8 R23	17 26 3 R25 V
8 18 5 R23 V	10 24 6 R23	12 25 7 R21 V	14 27 6 R21	15 35 10 R21	17 26 6 R21
8 18 6 R21	10 24 7 R21	12 25 7 R23	14 27 7 R21	15 35 10 R23	17 27 5 R23
8 18 6 R23	10 24 7 R23	12 25 8 R21	14 27 10 R23	15 37 7 R23	17 27 6 R21
8 18 7 R23	10 25 5 R23	12 26 6 R21	14 28 7 R21	15 38 7 R23	17 27 7 R21
8 19 4 R21	10 25 7 R23	12 26 7 R23	14 28 7 R23	15 40 7 R23	17 27 7 R23
8 19 7 R23	10 26 7 R21	12 26 8 R23	14 28 7 R23 V	15 40 10 R21	17 28 5 R21
8 20 5 R23	10 26 7 R23	12 28 5 R21	14 29 7 R23	15 42 7 R21	17 28 6 R21
8 20 7 R23	10 28 7 R23	12 28 7 R21	14 30 7 R21	15 42 8 R23	17 28 6 R21 V
8 20 8 R21	10 30 7 R21	12 28 7 R23	14 30 7 R23	15 42 10 R21	17 28 6 R23
8 21 6 R21	10 30 7 R23	12 28 7 R23 V	14 30 10 R21	16 22 3 R21	17 28 7 R21
8 22 6 R23	10 30 7 R23 V	12 28 8 R23	14 32 5 R21	16 22 4 R21	17 28 7 R23
8 22 7 R21	11 17 4 R21	12 30 5 R21	14 32 7 R23	16 22 4 R21 V	17 28 7 R23 V
8 22 7 R21 V	11 17 4 R21 V	12 30 7 R21	15 21 4 R21	16 22 4 R23	17 29 5 R21
8 22 7 R23	11 18 4 R21	12 30 7 R23	15 22 4 R23	16 22 7 R23	17 29 5 R23
8 22 8 R21	11 22 7 R21	12 30 7 R23 V	15 22 5 R23	16 24 4 R21	17 29 7 R23
8 23 5 R23	11 22 7 R21 V	12 30 10 R21	15 23 7 R23	16 24 4 R23	17 30 5 R23
8 24 7 R21	11 22 7 R23	12 32 7 R21	15 24 5 R21	16 24 5 R21	17 30 6 V HP

MOST COMMON METRIC ROTARY SHAFT SEAL STYLES

SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
17 30 6 R23	18 37 8 R23	20 35 10 R21	22 35 6 R23	24 40 8 R21	25 41 7 R23
17 30 7 R21	18 38 7 R23	20 35 10 R23	22 35 7 R21	24 40 8 R23	25 42 6 R21
17 30 7 R21 V	18 38 10 R23	20 35 10 R23 V	22 35 7 R21 V	24 40 10 R21	25 42 6 R21 V
17 30 7 R22 V	18 40 7 R21	20 36 7 R23	22 35 7 R23	24 42 7 R23	25 42 6 R23
17 30 7 R23	18 40 10 R21	20 37 7 R21	22 35 7 R23 V	24 42 8 R21	25 42 7 R21
17 30 7 R23 V	18 42 7 R23	20 37 7 R23	22 35 8 R21	24 42 8 R23	25 42 7 R21 V
17 30 8 R23	19 25 6 R23	20 37 8 R23	22 35 8 R23	24 42 10 R21	25 42 7 R23
17 31 7 R23	19 27 5 R23	20 37 10 R23	22 35 10 R21	24 44 7 R21	25 42 7 R23 V
17 32 5 R21	19 27 6 R21	20 38 5 R21	22 35 10 R23	24 45 7 R23	25 42 8 R21
17 32 5 R23	19 28 7 R23	20 38 5 R23	22 36 5 R23	24 46 10 R23	25 42 8 R23
17 32 7 R21	19 30 5 R21	20 38 7 R21	22 36 6 R21	24 47 7 R21	25 42 10 R21
17 32 7 R23	19 30 7 R21	20 38 7 R23	22 36 7 R21	24 47 7 R23	25 42 10 R23
17 32 8 R23	19 30 7 R23	20 38 7 R23 V	22 36 7 R23	24 47 10 R21	25 43 9 R23
17 32 10 R21	19 30 7 R23 V	20 38 8 R21	22 36 8 R23	24 47 10 R23	25 43 10 R23
17 33 7 R23	19 32 5 R23	20 38 10 R23	22 37 7 R21	24 50 10 R23	25 44 7 R23
17 34 4 R23	19 32 7 R21 V	20 40 5 R23	22 37 7 R23	24 52 10 R21	25 44 8 R23
17 34 7 R21	19 32 7 R23	20 40 7 R21	22 38 7 R21	25 32 4 R21	25 45 7 R21
17 35 5 R21	19 32 8 R23	20 40 7 R21 V	22 38 7 R23	25 32 4 R23	25 45 7 R23
17 35 6 R21	19 32 10 R23	20 40 7 R23	22 38 7 R23V	25 32 6 R21	25 45 8 R23
17 35 7 R21	19 35 7 R21	20 40 8 R23	22 38 8 R23	25 32 7 R21	25 45 10 R21
17 35 7 R21 V	19 35 7 R23	20 40 9 R23	22 40 5.5 R21 V	25 32 7 R23	25 45 10 R23
17 35 7 R23	19 35 7 R23 V	20 40 10 R21	22 40 7 R21	25 33 4 R21	25 46 7 R23
17 35 7 R23 V	19 35 8 R23	20 40 10 R23	22 40 7 R23	25 33 6 R21	25 47 6 R23
17 35 8 R23	19 35 10 R21	20 40 10 R23 V	22 40 8 R23	25 33 6 R21 V	25 47 7 R21
17 35 10 R21	19 38 7 R23	20 42 6 R21	22 40 10 R21	25 34 5 R23	25 47 7 R23
17 35 10 R23	19 40 7 R23	20 42 6 R23	22 40 10 R23	25 35 5 R21	25 47 7 R23 V
17 38 7 R23	19 42 7 R23	20 42 7 R21	22 42 7 R21	25 35 5 R23	25 47 8 R21
17 40 5 R23	19 47 7 R23	20 42 7 R21 V	22 42 10 R23	25 35 6 R21	25 47 8 R23
17 40 6 R21	19 47 10 R21	20 42 7 R23	22 42 11 R23	25 35 6 R23	25 47 10 R21
17 40 7 R21 V	20 25 7 R23	20 42 8 R23	22 44 7 R23	25 35 6 R23 V	25 47 10 R21 V
17 40 7 R23	20 26 4 R23	20 42 10 R21	22 45 7 R21	25 35 7 R21	25 47 10 R23
17 40 8 R21	20 26 4 R25 V	20 42 10 R23	22 47 7 R23	25 35 7 R21 V	25 48 8 R21
17 40 10 R21	20 26 5 R23	20 42 10 R23 V	22 47 7 R23 V	25 35 7 R23	25 48 10 R23
17 42 7 R23	20 27 5 R23	20 44 7 R23	22 47 10 R23	25 35 7 R23 V	25 50 8 R23
17 45 7 R23	20 28 4 R23 V	20 45 8 R23	22 50 7 R21	25 35 7 R4 V	25 50 10 R21
17 47 7 R21	20 28 5 R21	20 45 10 R23	22 50 10 R23	25 35 8 R23	25 50 10 R23
17 47 7 R23	20 28 6 R21	20 46 8 R23	22 52 8 R23	25 35 10 R23	25 50 12 R23
17 47 8 R23	20 28 6 R23	20 47 7 R21	22 52 10 R23	25 36 6 R23	25 52 7 R21
17 47 10 R21	20 28 7 R21	20 47 7 R21 V	23 35 6 R23	25 36 7 R21	25 52 7 R21 V
18 24 4 R21	20 30 5 R21	20 47 7 R23	23 35 7 R21	25 36 7 R21 V	25 52 7 R23
18 25 7 R23	20 30 5 R21 V	20 47 10 R21	23 35 7 R23	25 36 7 R23	25 52 7 R23 V
18 26 6 R21	20 30 5 R23	20 47 10 R23	23 36 7 R23	25 37 5 R21	25 52 8 R21
18 27 5 R21	20 30 6 R23	20 50 8 R23	23 36 13 R23	25 37 5 R21 V	25 52 8 R23
18 28 4 R21	20 30 7 R21	20 52 7 R21	23 38 7 R23	25 37 6 R23	25 52 10 R21
18 28 6 R21	20 30 7 R21 V	20 52 7 R23	23 40 6 R23	25 37 7 R21	25 52 10 R21 V
18 28 6 R23	20 30 7 R23	20 52 8 R23	23 40 8 R21	25 37 7 R23	25 52 10 R23
18 28 7 R21	20 30 7 R23 V	20 52 10 R21	23 40 10 R21	25 37 7 R23 V	25 52 12 R21
18 28 7 R23	20 30 8 R21	20 52 10 R23	23 42 10 R21	25 37 8 R23	25 52 12 R23
18 28 7 R23 V	20 30 8 R23	20 62 6.5 R21	23 45 7 R23	25 38 5 R21	25 54 8 R23
18 28 8 R23	20 31 7 R23	21 32 7 R21	23 47 7 R23	25 38 6 R23	25 55 9 R23
18 29 7 R23	20 32 5 R21	21 35 7 R23	23 47 8 R23	25 38 7 R21	25 55 10 R23
18 30 6 R23	20 32 5 R23 V	21 37 7 R21	24 32 4 R23	25 38 7 R23	25 60 10 R23
18 30 7 R21	20 32 6 R23	21 40 7 R23	24 32 7 R23	25 38 7 R23 V	25 62 7 R21
18 30 7 R23	20 32 7 R21	22 30 7 R23	24 33 7 R23	25 38 8 R23	25 62 7 R21 V
18 31 7 R23	20 32 7 R23	22 30 8 R23	24 35 6 R23	25 39 8 R23	25 62 7 R23
18 32 7 R21	20 32 7 R23 V	22 32 5.5 R21	24 35 7 R21	25 40 5 R21	25 62 7 R23 V
18 32 7 R23	20 32 8 R23	22 32 5 R23	24 35 7 R23	25 40 5 R23	25 62 8 R23
18 32 8 R21	20 33 7 R23	22 32 5 R23	24 35 7 R23 V	25 40 6 R23	25 62 10 R21
18 32 8 R23	20 34 7 R23	22 32 6 R21	24 36 7 R23	25 40 7 R21	25 62 10 R23
18 34 7 R23	20 35 5 R23	22 32 7 R21	24 37 7 R21	25 40 7 R23	25 65 10 R23
18 35 7 R23	20 35 6 R21	22 32 7 R21 V	24 37 7 R23	25 40 7 R23 V	25 72 8 R23
18 35 8 R23	20 35 6 R23	22 32 7 R23	24 38 7 R23	25 40 8 R21	26 35 5 R25
18 35 10 R21	20 35 6 R23 V	22 32 7 R23 V	24 38 8 R23	25 40 8 R21 V	26 35 7 R21
18 35 10 R23	20 35 7 R21	22 33 7 R23	24 38 10 R23	25 40 8 R23	26 35 7 R23
18 35 10 R23 V	20 35 7 R21 V	22 34 7 R23	24 40 7 R21	25 40 10 R21 V	26 36 7 R23
18 36 7 R21	20 35 7 R23	22 34 7 R23 V	24 40 7 R21 V	25 40 10 R23	26 37 7 R21
18 37 8 R21	20 35 8 R23	22 35 5 R23	24 40 7 R23	25 41.25 6 R23	26 37 7 R21 V

MOST COMMON METRIC ROTARY SHAFT SEAL STYLES

SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
26 37 7 R23	28 47 5 R21	30 47 6 R21	30 80 10 R23	33 43 7 R21	35 50 8 R21
26 37 10 R23	28 47 6 R23	30 47 6 R23	31 42 8 R21	33 45 7 R21	35 50 8 R23
26 38 5 R21	28 47 7 R21	30 47 7 R21	31 47 7 R21	33 45 7 R21 V	35 50 10 R21
26 38 7 R21	28 47 7 R23	30 47 7 R23	31 47 7 R21 V	33 47 8 R23	35 50 10 R23
26 38 7 R23	28 47 8 R23	30 47 7 R23 V	31 47 10 R23	33 50 6 R21	35 50 12 R21
26 38 8 R23	28 47 10 R21	30 47 8 R21	31 52 7 R23	33 50 6 R23	35 52 5 R21
26 40 5 R23	28 47 10 R21 V	30 47 8 R23	32 40 7 R21	33 50 6 R23 V	35 52 6 R21
26 40 6 R21	28 47 10 R22 V	30 47 8 R23 V	32 40 7 R23 V	33 50 7 R23	35 52 6 R23
26 40 7 R23	28 47 10 R23	30 47 10 R21	32 42 6 R23	33 50 8 R21	35 52 7 R21
26 40 8 R23	28 48 7 R23	30 47 10 R21 V	32 42 7 R21	33 50 10 R23	35 52 7 R23
26 42 7 R21	28 48 8 R23	30 47 10 R22 V	32 42 7 R23	33 52 6 R21	35 52 7 R23 V
26 42 7 R21 V	28 48 11 R23	30 47 10 R23	32 42 7 R23 V	33 52 6 R21 V	35 52 8 R21
26 42 7 R23	28 50 8 R23	30 48 7 R23	32 42 8 R23	33 52 10 R23	35 52 8 R23
26 42 8 R23	28 50 10 R23	30 48 8 R23	32 43 7 R23	33 55 10 R23	35 52 9 R23
26 42 10 R23	28 52 6 R23	30 48 10 R23	32 44 7 R23	33 72 10 R23	35 52 9 R21
26 43 8 R23	28 52 7 R21	30 50 5 R21	32 44 8 R23	34 44 7 R21	35 52 10 R23
26 47 7 R21	28 52 7 R23	30 50 7 R21	32 44 10 R21	34 44 7 R23	35 52 10 R23 V
26 47 8 R23	28 52 7 R23 V	30 50 7 R23	32 44 10 R23	34 45 7 R21	35 52 12 R21
26 47 9 R23	28 52 8 R23	30 50 7 R23 V	32 45 6 R21	34 45 8 R23	35 54 8 R21
26 47 10 R21	28 52 10 R21	30 50 8 R21	32 45 6 R23	34 46 8 R23	35 54 8 R23
26 52 7 R23	28 52 10 R21 V	30 50 8 R21 V	32 45 7 R21	34 47 7 R23	35 54 10 R21
27 37 5 R21	28 52 10 R23	30 50 10 R21	32 45 7 R21 V	34 48 7 R21	35 54 10 R23
27 37 7 R21	28 56 8 R22	30 50 10 R21 V	32 45 7 R23	34 48 7 R23	35 55 5 R21
27 37 7 R23	28 58 6 R23	30 50 10 R23	32 45 7 V R23	34 48 8 R23	35 55 7 R23
27 38 5 R23	28 62 10 R21	30 50 11 R23	32 45 8 R23	34 50 7 R23	35 55 8 R21
27 40 7 R23	28 62 10 R23	30 52 5 R21 V	32 45 10 R23	34 50 8 R23	35 55 8 R23
27 41 10 R21	29 40 7 R21	30 52 6 R21	32 46 8 R21	34 50 10 R23	35 55 9 R23
27 42 7 R23	29 47 8 R23	30 52 7 R21	32 46 8 R23	34 52 8 R21	35 55 10 R21
27 42 8 R23	29 47 10 R23	30 52 7 R21 V	32 47 7 R21	34 52 8 R23	35 55 10 R23
27 42 10 R21	30 36 5 R21	30 52 7 R23	32 47 7 R21 V	34 54 8 R23	35 55 11 R23
27 43 9 R21	30 37 8 R21	30 52 7 R23 V	32 47 7 R23	34 55 9 R23	35 55 12 R21
27 43 9 R23	30 38 6 R23	30 52 8 R21	32 47 7 R23 V	34 55 10 R23	35 56 5.8 R23
27 45 8 R23	30 40 4 R21	30 52 8 R23	32 47 8 R23	34 55 11 R23	35 56 8 R21
27 47 6 R23	30 40 5 R21 V	30 52 10 R21	32 47 10 R21	34 58 10 R23	35 56 10 R21
27 47 7 R23	30 40 5 R23	30 52 10 R23	32 47 10 R23	34 62 10 R21	35 56 10 R23
27 50 10 R23	30 40 7 R21	30 52 10 R23 V	32 48 7 R23	34 62 14 R23	35 56 12 R21
27 52 8 R23	30 40 7 R21 V	30 52 12 R23	32 48 7 R23 V	34 70 10 R23	35 56 12 R23
27 55 8 R23	30 40 7 R23	30 54 9 R23	32 48 8 R23	34 72 10 R21	35 57 9 R23
28 35 7 R23	30 40 7 R23 V	30 54 10 R21	32 48 10 R23	34 72 10 R23	35 58 10 R21
28 36 7 R23	30 40 7 R4 V	30 55 7 R21	32 50 7 R23	35 42 8 R23	35 58 10 R23
28 37 6 R23	30 40 10 R21	30 55 7 R23	32 50 8 R21	35 43 6 R21	35 58 10 R23 V
28 37 7 R21	30 40 10 R23	30 55 10 R21	32 50 10 R21	35 44 7 R23	35 58 12 R23
28 38 6 R21	30 41 7 R23	30 55 10 R21 V	32 50 10 R23	35 45 6 R21	35 60 8 R23
28 38 7 R21	30 42 5.7 R21	30 55 10 R23	32 50 10 R23 V	35 45 6 R23	35 60 10 R21
28 38 7 R23	30 42 6 R23	30 55 10 R23 V	32 52 5 R21	35 45 7 R23	35 60 10 R23
28 40 5 R21	30 42 6 R23 V	30 55 12 R23	32 52 7 R21	35 45 7 R23 V	35 60 10 R23 V
28 40 6 R23 V	30 42 7 R21	30 56 8 R21	32 52 7 R21 V	35 45 8 R23	35 60 12 R23
28 40 7 R21	30 42 7 R23	30 56 10 R23	32 52 7 R23	35 45 10 R21	35 62 6 R23
28 40 7 R21 V	30 42 7 R23 V	30 56 12 R21	32 52 8 R21	35 45 10 R23 V	35 62 7 R21
28 40 7 R23	30 42 8 R23	30 57 10 R23	32 52 8 R23	35 46 7 R23	35 62 7 R23
28 40 7 R23 V	30 42 10 R23	30 58 10 R23	32 52 10 R21	35 47 5 R21	35 62 7 R23 V
28 40 8 R21	30 43 7 R23	30 60 7 R23	32 52 10 R21 V	35 47 7 H P	35 62 8 R21
28 40 8 R23	30 44 7 R23	30 60 10 R21	32 52 10 R23	35 47 7 R21	35 62 8 R23
28 40 10 R21	30 44 10 R23	30 62 7 R21	32 54 10 R23	35 47 7 R21 V	35 62 10 R21
28 42.5 8 R23	30 45 5 R21	30 62 7 R23	32 55 7 R23	35 47 7 R23	35 62 10 R21 V
28 42 6 R23	30 45 6 R23	30 62 7 R23 V	32 55 10 R21	35 47 7 R23 V	35 62 10 R23
28 42 7 R21	30 45 7 R21	30 62 8 R21	32 55 10 R23	35 47 8 R23	35 62 10 R23 V
28 42 7 R23	30 45 7 R23	30 62 8 R23	32 56 10 R21	35 47 9 R23	35 62 12 R23
28 42 8 R21	30 45 7 R23 V	30 62 10 R21	32 56 10 R23	35 47 10 R21	35 62 12 R23 V
28 42 8 R23	30 45 8 R21 V	30 62 10 R21 V	32 58 8 R23	35 47 10 R23	35 65 9 R21
28 42 10 R23	30 45 8 R23	30 62 10 R23	32 58 10 R23	35 48 7 R23	35 65 10 R21
28 43 7 R21	30 45 10 R21	30 65 10 R23	32 60 8 R23	35 48 7 R23 V	35 65 10 R23
28 43 10 R23	30 46 7 R23	30 72 8 R23	32 62 8 R21	35 48 8 R23	35 65 12 R23
28 44 7 R23	30 46 8 R21	30 72 10 R21	32 62 10 R23	35 50 7 R21	35 68 10 R21
28 45 7 R21	30 46 8 R23 V	30 72 10 R23	32 65 6.5 R23	35 50 7 R21 V	35 68 10 R23
28 45 8 R23	30 47 4 R21	30 75 10 R23	32 70 8 R23	35 50 7 R23	35 68 12 R21
28 45 10 R23	30 47 5 R23	30 77 9 R23	32 72 10 R23	35 50 7 R23 V	35 70 10 R23

MOST COMMON METRIC ROTARY SHAFT SEAL STYLES

SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
35 72 7 R21 V	38 55 7 R21 V	40 56 7 R23	41 54 7 R23	44 62 8 R23	45 72 12 R23
35 72 7 R23	38 55 7 R23	40 56 8 R23	41 56 7 R23	44 62 10 R23	45 75 8 R21
35 72 10 R21	38 55 8 R23	40 56 10 R21	42 50 7 R23	44 65 10 R23	45 75 8 R23
35 72 10 R23	38 55 10 R23	40 56 10 R23	42 52 7 R21	44 72 10 R21	45 75 8 R23 V
35 72 12 R23	38 56 7 R23	40 57.15 10 R23	42 52 7 R23	44 92 10 R23	45 75 10 R21
35 75 8 R23	38 56 10 R21	40 58 7 R21	42 52 7 R23 V	45 52 8 R21	45 75 10 R23
35 75 12 R23	38 56 10 R21 V	40 58 8 R21 V	42 52 8 R23	45 55 7 R21	45 75 10 R23 V
35 80 10 R21	38 5710 R23	40 58 8 R23	42 55 7 R21	45 55 7 R21 V	45 78 12 R23
35 80 10 R23	38 58 7 R23	40 58 9 R21	42 55 7 R23	45 55 7 R23	45 80 8 R23
35 80 12 R23	38 58 8 R23	40 58 10 R21	42 55 7 R23 V	45 55 8 R21	45 80 10 R21
35 80 13 R23	38 58 10 R21	40 58 10 R23	42 55 8 R21	45 55 10 R21	45 80 10 R21 V
36 46 6 R23	38 58 10 R23	40 58 12 R21	42 55 8 R23	45 56 6 R21	45 80 10 R23
36 47 7 R21	38 58 11 R21	40 60 7 R21	42 55 8 R23 V	45 56 6 R23	45 80 13 R23
36 47 7 R21 V	38 58 11 R23	40 60 7 R23	42 55 10 R23	45 56 8 R23	45 85 10 R21
36 47 7 R23	38 60 8 R23	40 60 7 R23 V	42 56 7 R21	45 58 7 R21	45 85 10 R23
36 48 7 R23	38 60 10 R21	40 60 8 R21	42 56 7 R23	45 58 7 R23	45 90 10 R21
36 48 10 R23	38 62 7 R21	40 60 10 R21	42 58 7 R23	45 58 8 R21	45 90 10 R23
36 49 7 R23	38 62 7 R23	40 60 10 R21 V	42 58 8 R23	45 58 10 R23	45 95 10 R23
36 50 7 R21	38 62 7 R23 V	40 60 10 R23	42 58 10 R23	45 60 7 R21	45 100 10 R21
36 50 7 R21 V	38 62 8 R23	40 60 10 R23 V	42 60 7 R23	45 60 7 R21 V	46 60 7 R23
36 50 7 R23	38 62 10 R21	40 60 12 R23	42 60 8 R23	45 60 7 R23	46 60 7 R23
36 52 4 R21	38 62 10 R21 V	40 62 5 R21	42 60 10 R21	45 60 7 R23 V	46 65 10 R21
36 52 5 R21	38 62 10 R23	40 62 7 R21	42 62 7 R21	45 60 8 R21	47 58 7 R23
36 52 7 R21	38 62 12 R23	40 62 7 R21 V	42 62 7 R21 V	45 60 8 R21 V	47 60 7 R23
36 52 7 R23	38 64 12 R 21	40 62 7 R23	42 62 7 R23	45 60 8 R23	47 62 8 R21
36 52 8 R23	38 65 10 R21	40 62 7 R23 V	42 62 7 R6	45 60 8 R23 V	47 62 8 R23
36 52 10 R23	38 65 10 R23	40 62 8 R21	42 62 8 R21	45 60 9 R23	47 65 8 R21
36 54 7 R23	38 70 10 R21	40 62 8 R23	42 62 8 R21 V	45 60 10 R21	47 65 10 R21
36 54 8 R23	38 70 10 R23	40 62 10 R21	42 62 8 R23	45 60 10 R23	47 70 10 R23
36 54 10 R23	38 72 8 R23	40 62 10 R23	42 62 8 R23 V	45 60 12 R23	48 62 7 R23
36 56 10 R21	38 72 10 R21	40 62 10 R23 V	42 62 10 R21	45 62 6 R21	48 62 8 R21
36 58 10 R21	38 72 10 R23	40 62 12 R21	42 62 10 R23	45 62 7/7.5 H P	48 62 8 R23
36 58 10 R23	38 72 12 R23	40 63 7 R23	42 62 12 R21	45 62 7 R21	48 62 8 R23 V
36 58 12 R23	38 74 10 R23	42 63 7 R23	42 63 7 R23	45 62 7 R23	48 62 09 R23
36 60 6 R23	38 74 11 R23	42 64 7 R21	42 64 7 R21	45 62 7 R23 V	48 62 10 R21
36 62 7 R21	38 90 10 R23	42 65 8 R21	42 65 8 R21	45 62 8 R21	48 62 10 R23
36 62 7 R23	39 51 7.5 R21	42 65 8 R21 V	42 65 8 R21 V	45 62 8 R21 V	48 65 7 R23
36 62 10 R23	39 56 7 R23	42 65 10 R21	42 65 10 R21	45 62 8 R23	48 65 8 R21
37 47 7 R23	40 50 5 R23	42 65 10 R23	42 65 10 R23	45 62 9 R21	48 65 9 R23
37 48 6 R23	40 50 7 R21 V	42 65 10 R23 V	42 65 10 R23 V	45 62 10 R21	48 65 10 R21
37 49 8/9 R23	40 50 7 R23	42 65 12 R21	42 65 12 R21	45 62 10 R21 V	48 65 10 R23
37 50 10 R21	40 50 8 R23	42 65 12 R23	42 65 12 R23	45 62 10 R23	48 65 10 R23 V
37 52 8 R23	40 52 5 R21	42 68 8 R23	42 68 8 R23	45 62 12 R23	48 65 12 R21
37 58 13 R23	40 52 5 R23	42 70 10 R21	42 70 10 R21	45 65 7 R23	48 68 8 R23
37 62 8 R21	40 52 6 R21	42 70 10 R23	42 70 10 R23	45 65 8 R21	48 68 10 R21
37 62 10 R21	40 52 6 R23 V	42 70 12 R23	42 70 12 R23	45 65 8 R23	48 68 10 R23
38 47 7 R23	40 52 7 R21	42 72 7 R23	42 72 7 R23	45 65 8 R23 V	48 68 10 R23 V
38 48 6 R23	40 52 7 R21 V	42 72 8 R21	42 72 8 R21	45 65 10 R21	48 70 8 R21
38 48 10 R23	40 52 7 R23	42 72 8 R21 V	42 72 8 R21 V	45 65 10 R23	48 70 10 R21
38 50 7 R21	40 52 7 R23 V	42 72 8 R23	42 72 8 R23	45 65 12 R23	48 70 10 R23
38 50 7 R23	40 52 7 R4 V	42 72 10 R21	42 72 10 R21	45 68 8 R21	48 70 12 V
38 50 8 R23	40 52 8 R21	42 72 10 R23	42 72 10 R23	45 68 8 R23 V	48 72 7 R23
38 50 10 R23	40 52 8 R23	42 75 10 R23	42 75 10 R23	45 68 9 R23	48 72 8 R21
38 52 6 R23	40 52 9 R23	42 85 8 R21	42 85 8 R21	45 68 10 R21	48 72 8 R21 V
38 52 6 R23	40 52 10 R23	43 53 5 R21	43 53 5 R21	45 68 10 R23	48 72 8 R23
38 52 7 R21	40 52 10 R23 V	43 55 7 R21	43 55 7 R21	45 68 10 R23 V	48 72 8 R23 V
38 52 7 R21 V	40 53 8 R23	43 55 9 R23	43 55 9 R23	45 68 12 R21	48 72 10 R21
38 52 7 R23	40 54 7 R23	43 58 8 R23	43 58 8 R23	45 68 12 R23	48 72 10 R23
38 52 7 R23 V	40 54 10 R23	43 60 10 R21	43 60 10 R21	45 70 7 R21	48 72 12 R23
38 52 8 R21	40 55 7 R21	43 62 8 R23	43 62 8 R23	45 70 10 R21	48 74 10 R23
38 52 8 R23	40 55 7 R21 V	43 62 12 R23	43 62 12 R23	45 70 10 R23	48 80 8 R21
38 52 10 R21	40 55 7 R23	43 75 10 R21	43 75 10 R21	45 70 12 R23	48 80 10 R21
38 52 10 R23	40 55 7 R23 V	44 60 7 R23	44 60 7 R23	45 72 8 R21	48 80 10 R23
38 54 10 R21	40 55 8 R21	44 60 8 R21	44 60 8 R21	45 72 8 R21 V	48 82 10 R23
38 54 10 R23	40 55 8 R21 V	44 60 9 R23	44 60 9 R23	45 72 8 R23	48 85 10 R23
38 54 10 R23 V	40 55 8 R23	44 60 10 R21	44 60 10 R21	45 72 10 R21	48 90 10 r21
38 55 7 R21	40 55 10 R21	41 52 8 R21	44 60 10 R21 V	45 72 10 R23	48 110 12 R23

MOST COMMON METRIC ROTARY SHAFT SEAL STYLES

SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
48 110 12 R23 V	50 85 10 R21	55 70 10 R21	57 85 12 R23	60 90 8 R21	65 85 8 R23
49 62 6 R23	50 85 10 R23	55 70 10 R23	58 70 7 R23	60 90 8 R21 V	65 85 8 R23 V
49 92 10 R23	50 85 13 R21	55 70 10 R23 V	58 72 8 R21	60 90 8 R23	65 85 10 R21
50 58 4 R25 V	50 90 8 R23	55 72 7 V H P	58 72 8 R21 V	60 90 10 R21	65 85 10 R21 V
50 60 8 R21	50 90 10 R21	55 72 8 R21	58 72 8 R23	60 90 10 R21 S	65 85 10 R23
50 60 8 R23	50 90 10 R23	55 72 8 R23	58 75 9 R23	60 90 10 R21 V	65 85 10 R23 V
50 60 10 R23	50 90 10 R23 V	55 72 8 R23 V	58 80 6 R23	60 90 10 R23	65 85 12 R21
50 62 7 R21	50 90 13 R21	55 72 10 R23	58 80 8 R21	60 90 13 R21	65 85 12 R23
50 62 7 R21 V	50 100 10 R23	55 72 10 R23 V	58 80 8 R21 V	60 90 13 R21 V	65 85 13 R21
50 62 7 R23	50 110 10 R21	55 73 6 R23	58 80 8 R23	60 90 13 R23	65 85 13 R23
50 62 8 R21	50 110 10 R23	55 75 8 R21	58 80 9 R23	60 95 10 R21	65 88 8 R23
50 62 8 R21 V	50 110 12 R23	55 75 8 R23	58 80 10 R21	60 95 10 R23	65 88 12 R23
50 62 10 R21	50 120 12 R23	55 75 9 R23	58 80 10 R23	60 95 10 R21 V	65 90 8 R23
50 64 9 R23	50 120 12 R23 V	55 75 10 R21	58 80 12 R21	60 95 12 R21	65 90 10 R21
50 64 10 R21	51 65 13 R23	55 75 10 R21 V	58 80 12 R23	60 95 12 R21 V	65 90 10 R21 V
50 65 7 R21	52 63 8 R23	55 75 10 R23	58 80 13 R23	60 95 12 R23	65 90 12 R23
50 65 8 R21	52 65 8 R21	55 75 12 R21	58 85 8 R23	60 100 10 R21	65 90 10 R23 V
50 65 8 R21 V	52 65 9 R23	55 75 12 R23	58 85 10 R21	60 100 10 R23	65 90 12 R23
50 65 8 R23	52 68 7 R23	55 78 8 R21	58 85 10 R23	60 100 13 R23	65 90 13 R21
50 65 8 R23 V	52 68 8 R21	55 78 10 R21	58 85 12 R21	60 110 10 R21	65 90 13 R23
50 65 10 R21	52 68 8 R23	55 78 10 R23	58 90 10 R21	60 110 10 R23	65 95 10 R23
50 65 10 R23	52 68 8 R23 V	55 78 12 R21	58 90 10 R23	60 110 12 R21	65 95 10 R23 V
50 66 8 R21	52 68 10 R21	55 78 12 R23	58 90 11 R21	60 110 12 R23	65 95 13 R23
50 68 8 R21	52 68 13 R21	55 78 12 R23 V	60 70 7 R21	60 110 13 R21	65 100 10 R21
50 68 8 R21 V	52 70 9 R23	55 80 8 R21	60 70 10 R23	60 110 13 R21 V	65 100 10 R21 V
50 68 8 R23	52 72 8 R21	55 80 8 R21 V	60 72 6 R23	62 75 10 R23	65 100 10 R23
50 68 8 R23 V	52 72 8 R21 V	55 80 8 R23	60 72 8 R21	62 80 9 R23	65 100 10 R23 V
50 68 10 R21	52 72 8 R23	55 80 10 R21	60 72 8 R21 V	62 80 10 R21	65 100 12 R21
50 68 10 R23	52 72 9 R23	55 80 10 R21 V	60 72 8 R23	62 80 10 R23	65 100 12 R23
50 70 8 R21	52 72 10 R21	55 80 10 R22	60 72 10 R23	62 80 12 R21	65 100 12 R23 V
50 70 8 R21 V	52 72 10 R21 V	55 80 10 R23	60 74 10 R21	62 80 12 R23	65 100 13 R23
50 70 9 R23	52 72 10 R23	55 80 12 R21	60 75 7 R21	62 82 10 R23	65 110 10 R21
50 70 10 R21	52 72 12 R23	55 80 12 R23	60 75 8 R21	62 85 10 R21	65 110 10 R23
50 70 10 R21 V	52 75 10 R21	55 80 13 R21	60 75 8 R21 V	62 85 10 R21 V	65 120 10 R21
50 70 10 R23	52 75 12 R23	55 80 13 R23	60 75 8 R23	62 85 10 R23	65 120 12 R21
50 70 10 R23 V	52 80 8 R21	55 85 8 R21	60 75 8 R23 V	62 85 13 R23 S	65 120 13 R23
50 70 12 R23	52 80 10 R21	55 85 8 R23	60 75 9 R23	62 90 10 R21	65 140 14 R23
50 72 7 R23	52 80 13 R23	55 85 8 R23 V	60 75 10 R23	62 90 10 R23	68 80 10 R21
50 72 7 R23 V	52 85 10 R21	55 85 10 R21	60 75 10 R23 V	62 90 10 R23 V	68 85 8 R21
50 72 8 R21	52 85 10 R23	55 85 10 R23	60 78 9 R23	62 95 10 R21	68 85 10 R21
50 72 8 R23	52 100 10 R21	55 85 10 R23 V	60 78 10 R21	62 100 10 R23	68 85 13 R23
50 72 8 R23 V	53 68 10 R23 V	55 85 12 R23	60 80 7 R21	62 100 12 R21	68 90 10 R21
50 72 9 R23	53 72 10 R23	55 90 7/7.5 V H P	60 80 7 R23	62 100 12 R23	68 90 10 R21 V
50 72 10 R21	54 70 9 R23	55 90 8 R23	60 80 7 R23 V	63 80 9 R23	68 90 10 R23
50 72 10 R21 V	54 x 70 x 10 R23	55 90 8 R23 V	60 80 8 R21	63 85 10 R21 V	68 90 12 R23
50 72 10 R23	54 72 8 R21	55 90 10 R21	60 80 8 R21 V	63 85 10 R23	68 90 13 R23
50 72 10 R23 V	54 72 8 R23	55 90 10 R23	60 80 8 R23	63 85 10 R23 V	68 95 10 R21
50 72 12 R23	54 72 10 R23	55 90 13 R23	60 80 9 R23	63 90 10 R21	68 95 13 R23
50 74 10 R23	54 72 10 R23 V	55 100 10 R21	60 80 10 R21	63 90 10 R21 V	68 100 10 R21
50 75 8 R23	54 75 12 R21	55 100 10 R23	60 80 10 R21 V	63 90 10 R23	68 100 10 R21 V
50 75 10 R21	54 76 8 R23	55 100 12 R23	60 80 10 R23	63 90 12 R23	68 100 10 R23
50 75 10 R21 V	54 80 10 R23	56 70 8 R21	60 80 10 R23 V	63 100 10 R23	68 100 13 R21
50 75 10 R23	54 85 10 R23	56 70 8 R23 V	60 80 12 R21	64 80 8 R21	70 80 10 R23
50 75 12 R23	54 90 13 R21	56 72 8 R21	60 80 12 R21 V	64 80 8 R23	70 85 8 R21
50 76 10 R21	54 140 12 R23 V	56 72 8 R21 V	60 80 12 R23	64 80 13 R23	70 85 8 R21 V
50 76 12 R23	55 65 5 R23	56 72 8 R23	60 80 13 R21	64 85 10 R23	70 85 8 R23
50 78 12 R23	55 65 8 R21	56 80 8 R21	60 82 9 R23	64 90 13 R23	70 85 8 R23 V
50 80 8 R21	55 65 8 R23	56 85 8 R21	60 82 12 R21	64 120 12 R23	70 85 10 R23
50 80 8 R23	55 65 10 R23	56 85 8 R21 V	60 82 12 R23	65 75 8 R21 V	70 88 10 R23
50 80 8 R23 V	55 68 8 R21	56 85 13 R23	60 85 8 R21	65 75 8 R23	70 88 12 R23
50 80 10 R21	55 68 8 R21 V	56 100 10 R21	60 85 8 R21 V	65 80 8 R21	70 90 7 R23
50 80 10 R23	55 68 8 R23	57.2 110 10 R23	60 85 8 R23	65 80 8 R21 V	70 90 8 R23
50 80 10 R23 V	55 68 10 R23	57 67 6 R23	60 85 10 R21	65 80 8 R23	70 90 10 R21
50 80 12 R23	55 70 8 R21	57 72 10 R21	60 85 10 R23	65 80 10 R23	70 90 10 R21 V
50 80 13 R23	55 70 8 V	57 75 7.5 R23	60 85 12 R21	65 80 12 R23	70 90 10 R23
50 82 12 R23	55 70 8 R23	57 75 12 R23	60 85 12 R23	65 82 10 R21	70 90 10 R23 V
50 85 8 R21	55 70 8 R23 V	57 80 12 R23	60 85 13 R21	65 85 8 R21	70 90 12 R21

MOST COMMON METRIC ROTARY SHAFT SEAL STYLES

SIZE	SIZE	SIZE	SIZE	SIZE	SIZE
70 90 12 R23	75 100 12 R21	85 100 9 R23	92 107 12 R21	105 125 13 R23 V	120 150 15 R23
70 90 12 R23 V	75 100 12 R21 V	85 100 10 R23	92 110 10 R21	105 130 7.5 HP	120 150 15 R23 V
70 90 13 R21	75 100 12 R23	85 100 12 R23	92 120 13 R21	105 130 12 R21 V	120 155 15 R23
70 90 13 R23	75 100 13 R21 V	85 105 10 R23	95 110 10 R23	105 130 12 R23	120 155 16 R23
70 92 12 R21	75 100 13 R23	85 105 12 R23	95 110 12 R21	105 130 13 R21	120 160 12 R21
70 92 12 R23	75 105 12 R21	85 105 13 R21 V	95 112 12 R23	105 130 13 R23 V	120 160 12 R21 V
70 95 10 R21	75 105 13 R23	85 105 13 R23	95 115 12 R23	105 135 13 R21	120 160 12 R23
70 95 10 R23	75 105 15 R23	85 110 10 R21	95 115 13 R21	105 135 13 R23	120 160 13 R21
70 95 10 R23 V	75 110 10 R23	85 110 10 R23	95 115 13 R23	105 140 12 R21	120 160 15 R23
70 95 12 R21	75 110 12 R21	85 110 12 R21	95 120 10 R23	105 140 12 R21 V	120 180 13 R23 V
70 95 12 R23	75 110 12 R23	85 110 12 R21 V	95 120 12 R21	105 140 12 R23	122 150 15 R21
70 95 13 R21	75 110 12 R23 V	85 110 12 R23	95 120 12 R21 V	105 140 13 R23	125 140 10 R21
70 95 13 R21 V	75 110 13 R21	85 110 12 R23 V	95 120 12 R23	105 150 15 R21	125 150 12 R21 V
70 95 13 R23	75 110 13 R23	85 110 13 R21	95 120 12 R23 V	105x160x12 R21	125 150 12 R23
70 100 6 R21	75 115 10 R21	85 110 13 R21 V	95 120 13 R21	108 170 12 R1 V	125 150 12 R23 V
70 100 8 R21	75 115 10 R23	85 110 13 R23	95 120 13 R23	110 125 7 R23	125 150 13 R23
70 100 10 R21	75 115 12 R21	85 111 10 R23	95 120 13 R23 V	110 125 12 R23	125 150 15 R23
70 100 10 R23	75 120 12 R21	85 115 13 R21	95 125 12 R21	110 130 12 R21	125 150 15 R23 V
70 100 10 R23 V	75 120 12 R23	85 115 15 R21	95 125 12 R23	110 130 12 R21 V	125 155 14 R23
70 100 12 R21	75 130 10 R23	85 120 10 R23	95 125 12 R23 V	110 130 12 R23	125 160 12 R23
70 100 13 R21	75 130 13 R21	85 120 13 R21	95 125 13 R23	110 130 13 R21	125 160 15 R23
70 100 13 R23	76 100 10 R23	85 120 12 R21 V	95 130 12 R21	110 130 13 R23	130 150 12 R23
70 102 13 R23	78 95 11 R21	85 120 13 R23	95 130 12 R21 V	110 135 12 R21	130 155 10 R21
70 110 8 R21	78 100 10 R21	85 125 12 R21	95 130 12 R23	110 135 13 R23	130 160 12 R21
70 110 8 R23 V	78 100 10 R21 V	85 125 12 R23	95 130 15 R23	110 140 10 R21	130 160 12 R21 V
70 110 10 R21	78 100 10 R23	85 130 10 R23	95 145 10 R21	110 140 12 R21	130 160 12 R23
70 110 10 R23	78 100 10 R23 V	85 130 12 R21	95 150 12 R23	110 140 12 R21 V	130 160 12 R23 V
70 110 12 R21	78 100 13 R23	85 130 12 R21 V	95 170 13 R23	110 140 12 R23	130 160 13 R23
70 110 12 R23	78 110 12 R21	85 130 12 R23	98 120 13 R21	110 140 13 R21	130 160 15 R21
70 110 12 R23 V	80 90 5 R25	85 130 12 R23 V	98 120 13 R23	110 140 13 R23	130 160 15 R23
70 110 13 R21	80 95 8 R21	85 140 12 R23	100 115 9 R21	110 140 13 R23 V	130 160 15 R23 V
70 110 13 R23	80 95 8 R23	85 150 12 R23	100 115 9 R23	110 140 14 R23	130 165 13 R21
70 112 12 R21	80 100 7 R23 H P	88 110 12 R21	100 120 10 R21	110 145 13 R23	130 170 12 R23
70 115 13 R23	80 100 8 R23	88 120 12 R21	100 120 10 R23	110 150 13 R21	130 170 13 R21
70 115 15 R23	80 100 10 R21	88 126 12 R21	100 120 10 R23 V	110 150 13 R23	130 170 14 R21
70 120 13 R23	80 100 10 R21 V	89 105 9.5 R21 V	100 120 12 R21	110 160 12 R23	130 170 15 R21
70 125 12 R23	80 100 10 R23	90 100 12 R23	100 120 12 R23	110 170 12 R23	130 170 15 R23
72 85 10 R21	80 100 10 R23 V	90 105 13 R23	100 120 12 R23 V	110 200 13 R23	130 190 12 R23
72 86 7 R23	80 100 12 R21	90 110 8 R21	100 120 13 R21 V	115 130 12 R21	135 160 12 R21
72 90 8 R21	80 100 12 R21 V	90 110 10 R21	100 120 13 R23	115 135 13 R21	135 160 12 R23
72 90 10 R21	80 100 12 R23	90 110 10 R21 V	100 125 10 R21	115 135 14 R23	135 160 15 R21
72 90 10 R23	80 100 13 R21	90 110 10 R23	100 125 10 R23	115 140 12 R21	135 160 15 R23 V
72 95 10 R21	80 100 13 R23	90 110 12 R21	100 125 12 R21 V	115 140 12 R21 V	135 165 14 R23
72 95 10 R21 V	80 105 10 R21	90 110 12 R21 V	100 125 12 R23	115 140 12 R23	135 165 14 R23 V
72 100 10 R21	80 105 10 R23	90 110 12 R23	100 125 13 R21	115 140 13 R21	135 170 12 R21 V
72 100 10 R21 V	80 105 13 R21	90 110 12 R23 V	100 125 13 R21 V	115 140 13 R23	135 170 12 R23
72 100 10 R23	80 105 13 R23	90 110 13 R21	100 125 13 R23	115 145 13 R21	135 170 15 R23
72 100 12 R23	80 110 10 R21	90 110 13 R23	100 130 10 R21	115 145 14 R23	140 160 10 R21
74 90 10 R23	80 110 10 R21 V	90 110 13 R23 V	100 130 12 R21	115 150 12 R21	140 160 13 R21
75 90 8 R21	80 110 10 R23	90 112 12 R23	100 130 12 R23	115 150 12 R23	140 160 13 R23
75 90 8 R23	80 110 10 V R23	90 115 9 R21	100 130 12 R23 V	115 150 15 R23	140 165 13 R23
75 90 10 R21 V	80 110 12 R21	90 115 10 R23	100 130 13 R21	118 140 13 R21	140 165 15 R23
75 90 10 R23	80 110 12 R23	90 115 13 R21	100 130 13 R23	120 140 10 R21	140 170 12 R21 V
75 90 10 R23 V	80 110 12 R23 V	90 115 13 R23	100 135 12 R23	120 140 12 R21	140 170 12 R23
75 92 12 R23	80 110 13 R21	90 120 12 R21	100 135 13 R21	120 140 12 R21 V	140 170 13 R23
75 95 8 R23	80 115 10 R23	90 120 12 R21 V	100 140 12 R21	120 140 13 R23	140 170 14 R23
75 95 10 R21	80 115 12 R21 V	90 120 12 R23	100 140 12 R21 V	120 145 12 R21	140 170 15 R21
75 95 10 R23	80 120 12 R21	90 120 13 R21	100 140 12 R23	120 145 12 R23	140 170 15 R23
75 95 10 R23 V	80 120 13 R23	90 120 13 R21 V	100 140 13 R21	120 150 12 R21	140 180 12 R21
75 95 12 R21	80 120 13 R23 V	90 120 13 R23	100 140 13 R23 V	120 150 12 R21 V	140 180 12 R23
75 95 12 R23	80 125 10 R23	90 125 13 R23	100 150 10 R23	120 150 12 R23	140 180 15 R21
75 95 13 R21	80 125 12 R23	90 130 12 R23	100 150 13 R23	120 150 12 R23 V	140 180 15 R23
75 95 13 R23	80 130 13 R23	90 130 12 R23 V	100 180 12 R23	120 150 13 R21	144 160 12 R21
75 100 10 R21	80 140 13 R21	90 130 13 R23	105 120 8 R6 V	120 150 13 R23	145 165 13 R21
75 100 10 R21 V	82 105 12 R23	90 140 10 R23	105 120 13 R21 V	120 150 13 R23 V	145 167 13 R23
75 100 10 R23	82 110 12 R21	90 140 10 R23 V	105 125 10 R21	120 150 14 R23	145 170 13 R23
75 100 10 R23 V	84 100 10 R21	90 140 13 R21	105 125 13 R23	120 150 15 R21	145 170 15 R21



MOST COMMON METRIC ROTARY SHAFT SEAL STYLES

SIZE	SIZE	SIZE	SIZE	SIZE
145 170 15 R23	150 225 12 R23	170 190 15 R21	200 240 15 R21	250 290 16 R21
145 175 14 R23	155 180 15 R23	170 200 15 R21 V	200 240 15 R23	260 290 15 R21
145 175 15 R21	155 190 15 R21	170 200 15 R23	205 230 16 R21	260 290 16 R21
145 175 15 R23	155 190 15 R23	170 200 15 R23 V	210 240 15 R21	260 300 15 R21
145 180 12 R21	158 180 15 R21	170 200 16 R21	210 240 15 R23	260 300 20 R21
145 180 13 R21	160 180 15 R21	170 210 15 R23	210 250 15 R21	260 300 20 R21 V
148 170 14.5 R23	160 180 15 R23	175 200 15 R21	215 240 12 R21	280 320 20 R21
148 170 15 R23	160 185 10 R21V	180 200 13 R21	220 250 15 R21 V	280 320 20 R23 V
150 168 12 R21	160 185 10 R23	180 210 15 R21	220 250 15 R23	290 330 18 R23
150 170 12 R21	160 190 13 R21	180 210 15 R23	220 250 15 R23 V	300 340 18 R21 V
150 170 15 R21	160 190 13 R21 V	180 210 15 R23 V	220 250 16 R21	300 340 20 R21
150 170 15 R23	160 190 15 R21	180 215 15 R23	220 260 15 R21	300 340 20 R21 V
150 180 8/8.5 V	160 190 15 R21 V	180 215 16 R21	230 255 15 R21	320 360 20 R21
150 180 12 R21	160 190 15 R23	180 220 15 R21	230 260 15 R21	320 360 20 R23
150 180 12 R21 V	160 190 15 R23 V	185 210 15 R23	230 260 15 R23	340 380 20 R21
150 180 12 R23	160 200 12 R21	185 215 15 R21	230 270 15 R21	340 380 20 R21 V
150 180 13 R23	160 200 12 R23	190 215 16 R23	230 270 15 R23	380 420 20 R21
150 180 15 R1 V	165 190 13 R21	190 220 15 R23	230 280 15 R21	380 420 20 R21 V
150 180 15 R21 V	165 190 13 R21 V	190 220 15 R23 V	240 270 15 R21	440 480 20 R21
150 180 15 R23	165 190 15 R23	190 225 16 R23	240 270 15 R21 V	500 540 20 B2 V
150 190 15 R21	165 200 15 R21	200 225 15 R21	240 270 15 R23	500 540 20 R21
150 190 15 R23	165 200 15 R21 V	200 230 15 R21	250 280 15 R23	
150 210 15 R23	165 200 15 R23	200 230 15 R23	250 280 16 R23	

