

Hybrid Ceramic Bearings

- ✓ Stainless Steel Rings or Chrome Steel Rings
- ✓ Ceramic Balls or Stainless Steel Balls
- ROHS Compliant

SS / CS
Hybrid Bearings



Outer Ring - Stainless Steel AISI440 / SS316 / SS304
 - Chrome Steel AISI52100 (GCr15)
 Inner Ring - Stainless Steel AISI440 / SS316 / SS304
 - Chrome Steel AISI52100 (GCr15)
 Cage - PTFE / PEEK
 - Ceramic ZrO2
 Ball - Stainless Steel AISI440 / SS316 / SS304
 - Ceramic ZrO2 / Si3N4 / SiC

ZrO2
Hybrid Bearings



Si3N4
Hybrid Bearings



Ball - Stainless Steel AISI440 / SS316 / SS304
 - Ceramic ZrO2 / Si3N4 / SiC
 Cage - PTFE / PEEK
 - Ceramic ZrO2
 Outer Ring - Stainless Steel AISI440 / SS316 / SS304
 - Chrome Steel AISI52100 (GCr15)
 Inner Ring - Stainless Steel AISI440 / SS316 / SS304
 - Chrome Steel AISI52100 (GCr15)

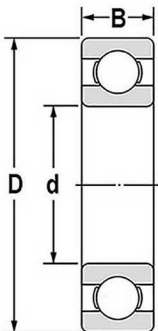
SiC
Hybrid Bearings



CLJ Hybrid ceramic ball bearings with STAINLESS STEEL inner ring and outer ring made by stainless steel AISI440, AISI304 AISI316L, or chrome steel AISI52100. The rolling elements in the rolling race is designed and applied to Ceramic Balls ZrO2, Si3N4 or SiC, which have the advantage of low density, high strength, low friction of wear-resistance, self-lubricating and higher rigidity. It is the best choice for rolling elements of the hybrid construction ceramic bearings, which are used in high speed, high precision and long life applications... etc.

- AISI440C stainless steel material rings have good corrosive resistance than chrome steel material. Suitable for vacuum and high temperature application.
- No grease needed to reduce contamination issues at lower speed condition.

HYBRID Ceramic Bearings, Stainless Steel Rings with Ceramic Rolling Balls



Inner Ring — Stainless steel S440 (=AISI440C)
 Outer Ring — Optional: S304 (=AISI304) / S316 (=AISI316L)

HCE (Hybrid ceramic bearing)

R133 = Standard bearing number
 Optional: Other standard bearing numbers

HCE - S440 - ZR - R133 - PT - 2PKS

Balls: ZR balls (=ZrO2 ceramic)
 Optional: SI (=Si3N4 ceramic balls) / SC (=SiC ceramic balls)

Cage: PT (=PTFE)
 Optional: PK cage (=PEEK) / ZR cage (=ZrO2)

Seals: 2PKS (=PEEK seals x 2 pieces)
 Optional: 2PTS seals (PTFE seals x 2 pcs)

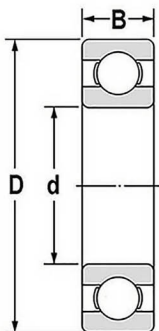
Hybrid Ceramic Bearing	Inner Ring & Outer Ring	Balls	Standard Bearing NO.	Cage Type	Seal Type	Bearing Dimension		
						Bore Dia (D)	Outer Dia (D)	Width (B)
HCE S440 / S304 / S316	ZR / SI / SC	R133	PT / PK / ZR	Open / 2PTS / 2PKS	0.6930" [2.381 mm	0.1875" [4.763 mm	0.0625" [1.588 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R15	PT / PK / ZR	Open / 2PTS / 2PKS	0.6930" [2.381 mm	0.3125" [7.938 mm	0.1064" [2.719 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R144	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" [3.175 mm	0.25" [6.35 mm	0.0937" [2.38 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R2-5	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" [3.175 mm	0.3125" [7.938 mm	0.1064" [2.719 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R2-6	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" [3.175 mm	0.375" [9.525 mm	0.1064" [2.719 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R2	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" [3.175 mm	0.375" [9.525 mm	0.1562" [3.967 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R2A	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" [3.175 mm	0.5" [12.7 mm	0.1719" [4.366 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R155	PT / PK / ZR	Open / 2PTS / 2PKS	0.1562" [3.967 mm	0.3125" [7.938 mm	0.1064" [2.719 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R156	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" [4.763 mm	0.3125" [7.938 mm	0.1064" [2.719 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R166	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" [4.763 mm	0.375" [9.525 mm	0.125" [3.175 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R3	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" [4.763 mm	0.5" [12.7 mm	0.1562" [3.967 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R3A	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" [4.763 mm	0.625" [15.875 mm	0.196" [4.978 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1601	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" [4.763 mm	0.6875" [17.463 mm	0.25" [6.35 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R168	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" [6.35 mm	0.375" [9.525 mm	0.125" [3.175 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R188	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" [6.35 mm	0.5" [12.7 mm	0.125" [3.175 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R4	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" [6.35 mm	0.625" [15.875 mm	0.196" [4.978 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1602	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" [6.35 mm	0.6875" [17.463 mm	0.25" [6.35 mm	
HCE S440 / S304 / S316	ZR / SI / SC	RAA	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" [6.35 mm	0.75" [19.05 mm	0.2188" [5.558 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R1810	PT / PK / ZR	Open / 2PTS / 2PKS	0.3125" [7.938 mm	0.5" [12.7 mm	0.1562" [3.967 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1603	PT / PK / ZR	Open / 2PTS / 2PKS	0.3125" [7.938 mm	0.675" [17.225 mm	0.2812" [7.142 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1605	PT / PK / ZR	Open / 2PTS / 2PKS	0.3125" [7.938 mm	0.9062" [23.017 mm	0.3125" [7.938 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1604	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" [9.525 mm	0.675" [17.225 mm	0.2812" [7.142 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R6	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" [9.525 mm	0.875" [22.225 mm	0.2188" [5.558 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1606	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" [9.525 mm	0.9062" [23.017 mm	0.3125" [7.938 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1614	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" [9.525 mm	1.125" [28.575 mm	0.375" [9.525 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1607	PT / PK / ZR	Open / 2PTS / 2PKS	0.4375" [11.113 mm	0.9062" [23.017 mm	0.3125" [7.938 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1615	PT / PK / ZR	Open / 2PTS / 2PKS	0.4375" [11.113 mm	1.125" [28.575 mm	0.375" [9.525 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1620	PT / PK / ZR	Open / 2PTS / 2PKS	0.4375" [11.113 mm	1.375" [34.925 mm	0.4375" [11.113 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1616	PT / PK / ZR	Open / 2PTS / 2PKS	0.5" [12.7 mm	1.125" [28.575 mm	0.375" [9.525 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R8	PT / PK / ZR	Open / 2PTS / 2PKS	0.5" [12.7 mm	1.125" [28.575 mm	0.25" [6.35 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1621	PT / PK / ZR	Open / 2PTS / 2PKS	0.5" [12.7 mm	1.375" [34.925 mm	0.4375" [11.113 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1622	PT / PK / ZR	Open / 2PTS / 2PKS	0.5625" [14.268 mm	1.375" [34.925 mm	0.4375" [11.113 mm	
HCE S440 / S304 / S316	ZR / SI / SC	1623	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" [15.875 mm	1.375" [34.925 mm	0.4375" [11.113 mm	
HCE S440 / S304 / S316	ZR / SI / SC	R10	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" [15.875 mm	1.375" [34.925 mm	0.2812" [7.142 mm	



HCE	S440 / S304 / S316	ZR / SI / ISC	1628	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" 15.875 mm	1.625" 41.275 mm	0.5" 12.7 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1633	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" 15.875 mm	1.75" 44.45 mm	0.5" 12.7 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1630	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	1.625" 41.275 mm	0.5" 12.7 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R12	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	1.625" 41.275 mm	0.3125" 7.938 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1635	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	1.75" 44.45 mm	0.5" 12.7 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1638	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	2" 50.8 mm	0.5625" 14.288 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R14	PT / PK / ZR	Open / 2PTS / 2PKS	0.875" 22.225 mm	1.875" 47.625 mm	0.375" 9.525 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1640	PT / PK / ZR	Open / 2PTS / 2PKS	0.875" 22.225 mm	2" 50.8 mm	0.5625" 14.288 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1641	PT / PK / ZR	Open / 2PTS / 2PKS	1" 25.4 mm	2" 50.8 mm	0.5625" 14.288 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R16	PT / PK / ZR	Open / 2PTS / 2PKS	1" 25.4 mm	2" 50.8 mm	0.375" 9.525 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R18	PT / PK / ZR	Open / 2PTS / 2PKS	1.125" 28.575 mm	2.125" 53.975 mm	0.375" 9.525 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1652	PT / PK / ZR	Open / 2PTS / 2PKS	1.125" 28.575 mm	2.5" 63.5 mm	0.625" 15.875 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R20	PT / PK / ZR	Open / 2PTS / 2PKS	1.25" 31.75 mm	2.25" 57.15 mm	0.375" 9.525 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1654	PT / PK / ZR	Open / 2PTS / 2PKS	1.25" 31.75 mm	2.5" 63.5 mm	0.625" 15.875 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1657	PT / PK / ZR	Open / 2PTS / 2PKS	1.25" 31.75 mm	2.5625" 65.088 mm	0.8875" 17.463 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	1658	PT / PK / ZR	Open / 2PTS / 2PKS	1.3125" 33.338 mm	2.5625" 65.088 mm	0.8875" 17.463 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R22	PT / PK / ZR	Open / 2PTS / 2PKS	1.375" 34.925 mm	2.5" 63.5 mm	0.8875" 17.463 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	R24	PT / PK / ZR	Open / 2PTS / 2PKS	1.5" 38.1 mm	2.625" 66.675 mm	0.4375" 11.113 mm
HCE	S440 / S304 / S316	ZR / SI / ISC	682	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	5mm	1.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR52	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	5mm	2mm
HCE	S440 / S304 / S316	ZR / SI / ISC	692	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	6mm	2.3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR62	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	6mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	602	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	7mm	2.8mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR72	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	7mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	682x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	6mm	1.8mm
HCE	S440 / S304 / S316	ZR / SI / ISC	692x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	7mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	602x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	8mm	2.8mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR82x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	8mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR63	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	6mm	2mm
HCE	S440 / S304 / S316	ZR / SI / ISC	683	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	7mm	2mm
HCE	S440 / S304 / S316	ZR / SI / ISC	693	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	8mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR83	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	8mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	603	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	9mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR93	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	9mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	623	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	10mm	4mm
HCE	S440 / S304 / S316	ZR / SI / ISC	633	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	13mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR74	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	7mm	2mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR84	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	8mm	2mm
HCE	S440 / S304 / S316	ZR / SI / ISC	684	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	9mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR104	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	10mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	694	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	11mm	4mm
HCE	S440 / S304 / S316	ZR / SI / ISC	604	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	12mm	4mm
HCE	S440 / S304 / S316	ZR / SI / ISC	624	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	13mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	634	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	16mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR85	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	8mm	2mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR95	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	9mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR105	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	10mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	685	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	11mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR115	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	11mm	4mm
HCE	S440 / S304 / S316	ZR / SI / ISC	695	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	13mm	4mm
HCE	S440 / S304 / S316	ZR / SI / ISC	605	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	14mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	625	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	16mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	635	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	18mm	6mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR106	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	10mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR126	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	12mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	686	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	13mm	3.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	696	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	15mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	606	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	17mm	6mm
HCE	S440 / S304 / S316	ZR / SI / ISC	626	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	19mm	6mm
HCE	S440 / S304 / S316	ZR / SI / ISC	636	PT / PK / ZR	Open / 2PTS / 2PKS	6mm	22mm	7mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR117	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	11mm	2.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	MR137	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	13mm	3mm
HCE	S440 / S304 / S316	ZR / SI / ISC	687	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	14mm	3.5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	697	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	17mm	5mm
HCE	S440 / S304 / S316	ZR / SI / ISC	607	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	19mm	6mm
HCE	S440 / S304 / S316	ZR / SI / ISC	627	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	22mm	7mm



HYBRID Ceramic Bearings, Chrome Steel Rings with Ceramic Rolling Balls



Cage: Chrome Steel AISI52100 (=GCr15)

HCE (=Hybrid ceramic bearing)

R133 = standard bearing number

Optional: Other Standard bearing numbers

Seals: 2PTS (=PTFE seal x 2 pieces)

Optional: 2PKS (=PEEK seal x 2 pieces)

HCE - CS - SI - R133 - PK - 2PTS

Balls: SI (=Si3N4 ceramic balls)

Optional: ZR (=ZrO2 ceramic balls)
SC (=SiC ceramic balls)

Cage: PK (=PEEK cage)

Optional: ZR cage (=PTFE cage)
PT cage (=ZrO2 ceramic cage)

Hybrid Ceramic Bearing	Inner Ring & Outer Ring	Balls	Standard Bearing NO.	Cage	Seal	Bearing Dimension		
						Bore Dia	Outer Dia	Width
						Type	Type	(d)
HCE CS	ZR / SI / SC	R133	PT / PK / ZR	Open / 2PTS / 2PKS	0.0938" 2.381 mm	0.1875" 4.763 mm	0.0625" 1.588 mm	
HCE CS	ZR / SI / SC	R1-5	PT / PK / ZR	Open / 2PTS / 2PKS	0.0938" 2.381 mm	0.3125" 7.938 mm	0.1064" 2.778 mm	
HCE CS	ZR / SI / SC	R144	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" 3.175 mm	0.25" 6.35 mm	0.0937" 2.38 mm	
HCE CS	ZR / SI / SC	R2-5	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" 3.175 mm	0.3125" 7.938 mm	0.1064" 2.778 mm	
HCE CS	ZR / SI / SC	R2-6	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" 3.175 mm	0.375" 9.525 mm	0.1064" 2.778 mm	
HCE CS	ZR / SI / SC	R2	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" 3.175 mm	0.375" 9.525 mm	0.1562" 3.967 mm	
HCE CS	ZR / SI / SC	R2A	PT / PK / ZR	Open / 2PTS / 2PKS	0.125" 3.175 mm	0.5" 12.7 mm	0.1719" 4.366 mm	
HCE CS	ZR / SI / SC	R155	PT / PK / ZR	Open / 2PTS / 2PKS	0.1563" 3.969 mm	0.3125" 7.938 mm	0.1064" 2.778 mm	
HCE CS	ZR / SI / SC	R156	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" 4.763 mm	0.3125" 7.938 mm	0.1064" 2.778 mm	
HCE CS	ZR / SI / SC	R166	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" 4.763 mm	0.375" 9.525 mm	0.125" 3.175 mm	
HCE CS	ZR / SI / SC	R3	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" 4.763 mm	0.5" 12.7 mm	0.1562" 3.967 mm	
HCE CS	ZR / SI / SC	R3A	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" 4.763 mm	0.625" 15.875 mm	0.196" 4.978 mm	
HCE CS	ZR / SI / SC	1601	PT / PK / ZR	Open / 2PTS / 2PKS	0.1875" 4.763 mm	0.6875" 17.463 mm	0.25" 6.35 mm	
HCE CS	ZR / SI / SC	R168	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" 6.35 mm	0.375" 9.525 mm	0.125" 3.175 mm	
HCE CS	ZR / SI / SC	R188	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" 6.35 mm	0.5" 12.7 mm	0.125" 3.175 mm	
HCE CS	ZR / SI / SC	R4	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" 6.35 mm	0.625" 15.875 mm	0.196" 4.978 mm	
HCE CS	ZR / SI / SC	1602	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" 6.35 mm	0.8875" 17.463 mm	0.25" 6.35 mm	
HCE CS	ZR / SI / SC	RAA	PT / PK / ZR	Open / 2PTS / 2PKS	0.25" 6.35 mm	0.75" 19.05 mm	0.2188" 5.558 mm	
HCE CS	ZR / SI / SC	R1810	PT / PK / ZR	Open / 2PTS / 2PKS	0.3125" 7.938 mm	0.5" 12.7 mm	0.1562" 3.967 mm	
HCE CS	ZR / SI / SC	1603	PT / PK / ZR	Open / 2PTS / 2PKS	0.3125" 7.938 mm	0.875" 22.225 mm	0.2812" 7.142 mm	
HCE CS	ZR / SI / SC	1605	PT / PK / ZR	Open / 2PTS / 2PKS	0.3125" 7.938 mm	0.9062" 23.017 mm	0.3125" 7.938 mm	
HCE CS	ZR / SI / SC	1604	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" 9.525 mm	0.875" 22.225 mm	0.2812" 7.142 mm	
HCE CS	ZR / SI / SC	R6	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" 9.525 mm	0.875" 22.225 mm	0.2188" 5.558 mm	
HCE CS	ZR / SI / SC	1606	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" 9.525 mm	0.9062" 23.017 mm	0.3125" 7.938 mm	
HCE CS	ZR / SI / SC	1614	PT / PK / ZR	Open / 2PTS / 2PKS	0.375" 9.525 mm	1.125" 28.575 mm	0.375" 9.525 mm	
HCE CS	ZR / SI / SC	1607	PT / PK / ZR	Open / 2PTS / 2PKS	0.4375" 11.113 mm	0.9062" 23.017 mm	0.3125" 7.938 mm	
HCE CS	ZR / SI / SC	1615	PT / PK / ZR	Open / 2PTS / 2PKS	0.4375" 11.113 mm	1.125" 28.575 mm	0.375" 9.525 mm	
HCE CS	ZR / SI / SC	1620	PT / PK / ZR	Open / 2PTS / 2PKS	0.4375" 11.113 mm	1.375" 34.925 mm	0.4375" 11.113 mm	
HCE CS	ZR / SI / SC	1616	PT / PK / ZR	Open / 2PTS / 2PKS	0.5" 12.7 mm	1.125" 28.575 mm	0.375" 9.525 mm	
HCE CS	ZR / SI / SC	R8	PT / PK / ZR	Open / 2PTS / 2PKS	0.5" 12.7 mm	1.125" 28.575 mm	0.25" 6.35 mm	
HCE CS	ZR / SI / SC	1621	PT / PK / ZR	Open / 2PTS / 2PKS	0.5" 12.7 mm	1.375" 34.925 mm	0.4375" 11.113 mm	
HCE CS	ZR / SI / SC	1622	PT / PK / ZR	Open / 2PTS / 2PKS	0.5625" 14.288 mm	1.375" 34.925 mm	0.4375" 11.113 mm	
HCE CS	ZR / SI / SC	1623	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" 15.875 mm	1.375" 34.925 mm	0.4375" 11.113 mm	
HCE CS	ZR / SI / SC	R10	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" 15.875 mm	1.375" 34.925 mm	0.2812" 7.142 mm	





HCE	CS	ZR / SI / SC	1628	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" 15.875 mm	1.625" 41.275 mm	0.5" 12.7 mm
HCE	CS	ZR / SI / SC	1633	PT / PK / ZR	Open / 2PTS / 2PKS	0.625" 15.875 mm	1.75" 44.45 mm	0.5" 12.7 mm
HCE	CS	ZR / SI / SC	1630	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	1.625" 41.275 mm	0.5" 12.7 mm
HCE	CS	ZR / SI / SC	R12	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	1.625" 41.275 mm	0.3125" 7.938 mm
HCE	CS	ZR / SI / SC	1635	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	1.75" 44.45 mm	0.5" 12.7 mm
HCE	CS	ZR / SI / SC	1638	PT / PK / ZR	Open / 2PTS / 2PKS	0.75" 19.05 mm	2" 50.8 mm	0.5625" 14.288 mm
HCE	CS	ZR / SI / SC	R14	PT / PK / ZR	Open / 2PTS / 2PKS	0.875" 22.225 mm	1.875" 47.625 mm	0.375" 9.525 mm
HCE	CS	ZR / SI / SC	1640	PT / PK / ZR	Open / 2PTS / 2PKS	0.875" 22.225 mm	2" 50.8 mm	0.5625" 14.288 mm
HCE	CS	ZR / SI / SC	1641	PT / PK / ZR	Open / 2PTS / 2PKS	1" 25.4 mm	2" 50.8 mm	0.5625" 14.288 mm
HCE	CS	ZR / SI / SC	R16	PT / PK / ZR	Open / 2PTS / 2PKS	1" 25.4 mm	2" 50.8 mm	0.375" 9.525 mm
HCE	CS	ZR / SI / SC	R18	PT / PK / ZR	Open / 2PTS / 2PKS	1.125" 28.575 mm	2.125" 53.975 mm	0.375" 9.525 mm
HCE	CS	ZR / SI / SC	1652	PT / PK / ZR	Open / 2PTS / 2PKS	1.125" 28.575 mm	2.5" 63.5 mm	0.625" 15.875 mm
HCE	CS	ZR / SI / SC	R20	PT / PK / ZR	Open / 2PTS / 2PKS	1.25" 31.75 mm	2.25" 57.15 mm	0.375" 9.525 mm
HCE	CS	ZR / SI / SC	1654	PT / PK / ZR	Open / 2PTS / 2PKS	1.25" 31.75 mm	2.5" 63.5 mm	0.625" 15.875 mm
HCE	CS	ZR / SI / SC	1657	PT / PK / ZR	Open / 2PTS / 2PKS	1.25" 31.75 mm	2.5625" 65.088 mm	0.6875" 17.463 mm
HCE	CS	ZR / SI / SC	1658	PT / PK / ZR	Open / 2PTS / 2PKS	1.3125" 33.338 mm	2.5625" 65.088 mm	0.6875" 17.463 mm
HCE	CS	ZR / SI / SC	922	PT / PK / ZR	Open / 2PTS / 2PKS	1.375" 34.925 mm	2.5" 63.5 mm	0.4375" 11.113 mm
HCE	CS	ZR / SI / SC	924	PT / PK / ZR	Open / 2PTS / 2PKS	1.5" 38.1 mm	2.625" 66.675 mm	0.4375" 11.113 mm
HCE	CS	ZR / SI / SC	892	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	5 mm	1.5 mm
HCE	CS	ZR / SI / SC	MR52	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	5 mm	2 mm
HCE	CS	ZR / SI / SC	892	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	6 mm	2.3 mm
HCE	CS	ZR / SI / SC	MR62	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	6 mm	2.5 mm
HCE	CS	ZR / SI / SC	892	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	7 mm	2.8 mm
HCE	CS	ZR / SI / SC	MR72	PT / PK / ZR	Open / 2PTS / 2PKS	2 mm	7 mm	2.5 mm
HCE	CS	ZR / SI / SC	682x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	6 mm	1.8 mm
HCE	CS	ZR / SI / SC	692x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	7 mm	2.5 mm
HCE	CS	ZR / SI / SC	692x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	8 mm	2.8 mm
HCE	CS	ZR / SI / SC	MR92x	PT / PK / ZR	Open / 2PTS / 2PKS	2.5 mm	8 mm	2.5 mm
HCE	CS	ZR / SI / SC	MR63	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	6 mm	2 mm
HCE	CS	ZR / SI / SC	893	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	7 mm	2 mm
HCE	CS	ZR / SI / SC	893	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	8 mm	3 mm
HCE	CS	ZR / SI / SC	MR83	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	8 mm	2.5 mm
HCE	CS	ZR / SI / SC	893	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	9 mm	3 mm
HCE	CS	ZR / SI / SC	MR93	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	9 mm	2.5 mm
HCE	CS	ZR / SI / SC	623	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	10 mm	4 mm
HCE	CS	ZR / SI / SC	633	PT / PK / ZR	Open / 2PTS / 2PKS	3 mm	13 mm	5 mm
HCE	CS	ZR / SI / SC	MR74	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	7 mm	2 mm
HCE	CS	ZR / SI / SC	MR84	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	8 mm	2 mm
HCE	CS	ZR / SI / SC	894	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	8 mm	2.5 mm
HCE	CS	ZR / SI / SC	MR104	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	10 mm	3 mm
HCE	CS	ZR / SI / SC	894	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	11 mm	4 mm
HCE	CS	ZR / SI / SC	604	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	12 mm	4 mm
HCE	CS	ZR / SI / SC	624	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	13 mm	5 mm
HCE	CS	ZR / SI / SC	634	PT / PK / ZR	Open / 2PTS / 2PKS	4 mm	16 mm	5 mm
HCE	CS	ZR / SI / SC	MR85	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	8 mm	2 mm
HCE	CS	ZR / SI / SC	MR95	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	9 mm	2.5 mm
HCE	CS	ZR / SI / SC	MR195	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	10 mm	3 mm
HCE	CS	ZR / SI / SC	895	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	11 mm	3 mm
HCE	CS	ZR / SI / SC	MR115	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	11 mm	4 mm
HCE	CS	ZR / SI / SC	895	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	13 mm	4 mm
HCE	CS	ZR / SI / SC	895	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	14 mm	5 mm
HCE	CS	ZR / SI / SC	625	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	16 mm	5 mm
HCE	CS	ZR / SI / SC	635	PT / PK / ZR	Open / 2PTS / 2PKS	5 mm	18 mm	6 mm
HCE	CS	ZR / SI / SC	MR106	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	10 mm	2.5 mm
HCE	CS	ZR / SI / SC	MR126	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	12 mm	3 mm
HCE	CS	ZR / SI / SC	696	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	13 mm	3.5 mm
HCE	CS	ZR / SI / SC	896	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	15 mm	5 mm
HCE	CS	ZR / SI / SC	896	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	17 mm	6 mm
HCE	CS	ZR / SI / SC	626	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	18 mm	6 mm
HCE	CS	ZR / SI / SC	636	PT / PK / ZR	Open / 2PTS / 2PKS	6 mm	22 mm	7 mm
HCE	CS	ZR / SI / SC	MR117	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	11 mm	2.5 mm
HCE	CS	ZR / SI / SC	MR137	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	13 mm	3 mm
HCE	CS	ZR / SI / SC	887	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	14 mm	3.5 mm
HCE	CS	ZR / SI / SC	697	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	17 mm	5 mm
HCE	CS	ZR / SI / SC	697	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	19 mm	6 mm
HCE	CS	ZR / SI / SC	627	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	22 mm	7 mm





HCE	CS	ZR / S / ISC	637	PT / PK / ZR	Open / 2PTS / 2PKS	7 mm	26mm	9mm
HCE	CS	ZR / S / ISC	MR128	PT / PK / ZR	Open / 2PTS / 2PKS	8mm	12mm	2.5mm
HCE	CS	ZR / S / ISC	MR148	PT / PK / ZR	Open / 2PTS / 2PKS	8 mm	14mm	3.5mm
HCE	CS	ZR / S / ISC	688	PT / PK / ZR	Open / 2PTS / 2PKS	8mm	16mm	4mm
HCE	CS	ZR / S / ISC	698	PT / PK / ZR	Open / 2PTS / 2PKS	8mm	19mm	6mm
HCE	CS	ZR / S / ISC	608	PT / PK / ZR	Open / 2PTS / 2PKS	8mm	22mm	7mm
HCE	CS	ZR / S / ISC	628	PT / PK / ZR	Open / 2PTS / 2PKS	8mm	24mm	8mm
HCE	CS	ZR / S / ISC	638	PT / PK / ZR	Open / 2PTS / 2PKS	8 mm	28mm	9mm
HCE	CS	ZR / S / ISC	678	PT / PK / ZR	Open / 2PTS / 2PKS	9mm	14mm	3mm
HCE	CS	ZR / S / ISC	689	PT / PK / ZR	Open / 2PTS / 2PKS	9 mm	17mm	4mm
HCE	CS	ZR / S / ISC	699	PT / PK / ZR	Open / 2PTS / 2PKS	9mm	20mm	6mm
HCE	CS	ZR / S / ISC	609	PT / PK / ZR	Open / 2PTS / 2PKS	9mm	24mm	7mm
HCE	CS	ZR / S / ISC	629	PT / PK / ZR	Open / 2PTS / 2PKS	9 mm	26mm	8mm
HCE	CS	ZR / S / ISC	639	PT / PK / ZR	Open / 2PTS / 2PKS	9mm	30mm	10mm
HCE	CS	ZR / S / ISC	6700	PT / PK / ZR	Open / 2PTS / 2PKS	10mm	15mm	3mm
HCE	CS	ZR / S / ISC	63800	PT / PK / ZR	Open / 2PTS / 2PKS	10mm	19mm	7mm
HCE	CS	ZR / S / ISC	6800	PT / PK / ZR	Open / 2PTS / 2PKS	10mm	19mm	5mm
HCE	CS	ZR / S / ISC	6900	PT / PK / ZR	Open / 2PTS / 2PKS	10mm	22mm	6mm
HCE	CS	ZR / S / ISC	6900	PT / PK / ZR	Open / 2PTS / 2PKS	10 mm	26mm	8mm
HCE	CS	ZR / S / ISC	6200	PT / PK / ZR	Open / 2PTS / 2PKS	10 mm	30mm	9mm
HCE	CS	ZR / S / ISC	6300	PT / PK / ZR	Open / 2PTS / 2PKS	10 mm	35mm	11mm
HCE	CS	ZR / S / ISC	6701	PT / PK / ZR	Open / 2PTS / 2PKS	12mm	18mm	4mm
HCE	CS	ZR / S / ISC	63801	PT / PK / ZR	Open / 2PTS / 2PKS	12mm	21mm	7mm
HCE	CS	ZR / S / ISC	6901	PT / PK / ZR	Open / 2PTS / 2PKS	12mm	21mm	5mm
HCE	CS	ZR / S / ISC	6901	PT / PK / ZR	Open / 2PTS / 2PKS	12mm	24mm	6mm
HCE	CS	ZR / S / ISC	6001	PT / PK / ZR	Open / 2PTS / 2PKS	12 mm	28mm	8mm
HCE	CS	ZR / S / ISC	6201	PT / PK / ZR	Open / 2PTS / 2PKS	12 mm	32mm	10mm
HCE	CS	ZR / S / ISC	6301	PT / PK / ZR	Open / 2PTS / 2PKS	12 mm	37mm	12mm
HCE	CS	ZR / S / ISC	6702	PT / PK / ZR	Open / 2PTS / 2PKS	15mm	21mm	4mm
HCE	CS	ZR / S / ISC	63802	PT / PK / ZR	Open / 2PTS / 2PKS	15mm	24mm	7mm
HCE	CS	ZR / S / ISC	6902	PT / PK / ZR	Open / 2PTS / 2PKS	15mm	24mm	5mm
HCE	CS	ZR / S / ISC	6902	PT / PK / ZR	Open / 2PTS / 2PKS	15mm	28mm	7mm
HCE	CS	ZR / S / ISC	6002	PT / PK / ZR	Open / 2PTS / 2PKS	15 mm	32mm	9mm
HCE	CS	ZR / S / ISC	6202	PT / PK / ZR	Open / 2PTS / 2PKS	15 mm	35mm	11mm
HCE	CS	ZR / S / ISC	6302	PT / PK / ZR	Open / 2PTS / 2PKS	15 mm	42mm	13mm
HCE	CS	ZR / S / ISC	6703	PT / PK / ZR	Open / 2PTS / 2PKS	17mm	23mm	4mm
HCE	CS	ZR / S / ISC	63803	PT / PK / ZR	Open / 2PTS / 2PKS	17mm	26mm	7mm
HCE	CS	ZR / S / ISC	6903	PT / PK / ZR	Open / 2PTS / 2PKS	17mm	26mm	5mm
HCE	CS	ZR / S / ISC	6903	PT / PK / ZR	Open / 2PTS / 2PKS	17mm	30mm	7mm
HCE	CS	ZR / S / ISC	6003	PT / PK / ZR	Open / 2PTS / 2PKS	17 mm	35mm	10mm
HCE	CS	ZR / S / ISC	6203	PT / PK / ZR	Open / 2PTS / 2PKS	17 mm	40mm	12mm
HCE	CS	ZR / S / ISC	6303	PT / PK / ZR	Open / 2PTS / 2PKS	17 mm	47mm	14mm
HCE	CS	ZR / S / ISC	6704	PT / PK / ZR	Open / 2PTS / 2PKS	20mm	27mm	4mm
HCE	CS	ZR / S / ISC	63804	PT / PK / ZR	Open / 2PTS / 2PKS	20mm	32mm	10mm
HCE	CS	ZR / S / ISC	6904	PT / PK / ZR	Open / 2PTS / 2PKS	20mm	32mm	7mm
HCE	CS	ZR / S / ISC	6904	PT / PK / ZR	Open / 2PTS / 2PKS	20mm	37mm	9mm
HCE	CS	ZR / S / ISC	6004	PT / PK / ZR	Open / 2PTS / 2PKS	20 mm	42mm	12mm
HCE	CS	ZR / S / ISC	6204	PT / PK / ZR	Open / 2PTS / 2PKS	20 mm	47mm	14mm
HCE	CS	ZR / S / ISC	6304	PT / PK / ZR	Open / 2PTS / 2PKS	20 mm	52mm	15mm
HCE	CS	ZR / S / ISC	6705	PT / PK / ZR	Open / 2PTS / 2PKS	25mm	32mm	4mm
HCE	CS	ZR / S / ISC	63805	PT / PK / ZR	Open / 2PTS / 2PKS	25mm	37mm	10mm
HCE	CS	ZR / S / ISC	6905	PT / PK / ZR	Open / 2PTS / 2PKS	25mm	37mm	7mm
HCE	CS	ZR / S / ISC	6905	PT / PK / ZR	Open / 2PTS / 2PKS	25mm	42mm	9mm
HCE	CS	ZR / S / ISC	6005	PT / PK / ZR	Open / 2PTS / 2PKS	25 mm	47mm	12mm
HCE	CS	ZR / S / ISC	6205	PT / PK / ZR	Open / 2PTS / 2PKS	25 mm	52mm	15mm
HCE	CS	ZR / S / ISC	6305	PT / PK / ZR	Open / 2PTS / 2PKS	25 mm	62mm	17mm
HCE	CS	ZR / S / ISC	6706	PT / PK / ZR	Open / 2PTS / 2PKS	30mm	37mm	4mm
HCE	CS	ZR / S / ISC	63806	PT / PK / ZR	Open / 2PTS / 2PKS	30mm	42mm	10mm
HCE	CS	ZR / S / ISC	6906	PT / PK / ZR	Open / 2PTS / 2PKS	30mm	42mm	7mm
HCE	CS	ZR / S / ISC	6906	PT / PK / ZR	Open / 2PTS / 2PKS	30mm	47mm	9mm
HCE	CS	ZR / S / ISC	6006	PT / PK / ZR	Open / 2PTS / 2PKS	30 mm	55mm	13mm
HCE	CS	ZR / S / ISC	6206	PT / PK / ZR	Open / 2PTS / 2PKS	30 mm	62mm	16mm
HCE	CS	ZR / S / ISC	6306	PT / PK / ZR	Open / 2PTS / 2PKS	30 mm	72mm	19mm
HCE	CS	ZR / S / ISC	6707	PT / PK / ZR	Open / 2PTS / 2PKS	35mm	44mm	5mm
HCE	CS	ZR / S / ISC	6907	PT / PK / ZR	Open / 2PTS / 2PKS	35mm	47mm	7mm
HCE	CS	ZR / S / ISC	6907	PT / PK / ZR	Open / 2PTS / 2PKS	35mm	55mm	10mm



HCE	CS	2R/SI/SC	6007	PT/PK/2R	Open/2PTS/2PKS	35 mm	62mm	14mm
HCE	CS	2R/SI/SC	6007	PT/PK/2R	Open/2PTS/2PKS	35 mm	72mm	17mm
HCE	CS	2R/SI/SC	6307	PT/PK/2R	Open/2PTS/2PKS	35 mm	80mm	21mm
HCE	CS	2R/SI/SC	6708	PT/PK/2R	Open/2PTS/2PKS	40mm	50mm	6mm
HCE	CS	2R/SI/SC	6808	PT/PK/2R	Open/2PTS/2PKS	40mm	52mm	7mm
HCE	CS	2R/SI/SC	6908	PT/PK/2R	Open/2PTS/2PKS	40mm	62mm	12mm
HCE	CS	2R/SI/SC	6008	PT/PK/2R	Open/2PTS/2PKS	40 mm	68mm	15mm
HCE	CS	2R/SI/SC	6208	PT/PK/2R	Open/2PTS/2PKS	40 mm	80mm	18mm
HCE	CS	2R/SI/SC	6308	PT/PK/2R	Open/2PTS/2PKS	40 mm	90mm	23mm
HCE	CS	2R/SI/SC	6709	PT/PK/2R	Open/2PTS/2PKS	45mm	55mm	6mm
HCE	CS	2R/SI/SC	6809	PT/PK/2R	Open/2PTS/2PKS	45mm	58mm	7mm
HCE	CS	2R/SI/SC	6909	PT/PK/2R	Open/2PTS/2PKS	45mm	68mm	12mm
HCE	CS	2R/SI/SC	6009	PT/PK/2R	Open/2PTS/2PKS	45 mm	75mm	16mm
HCE	CS	2R/SI/SC	6209	PT/PK/2R	Open/2PTS/2PKS	45 mm	85mm	19mm
HCE	CS	2R/SI/SC	6309	PT/PK/2R	Open/2PTS/2PKS	45 mm	100mm	25mm
HCE	CS	2R/SI/SC	6710	PT/PK/2R	Open/2PTS/2PKS	50mm	62mm	6mm
HCE	CS	2R/SI/SC	6810	PT/PK/2R	Open/2PTS/2PKS	50mm	65mm	7mm
HCE	CS	2R/SI/SC	6910	PT/PK/2R	Open/2PTS/2PKS	50mm	72mm	12mm
HCE	CS	2R/SI/SC	6010	PT/PK/2R	Open/2PTS/2PKS	50 mm	80mm	16mm
HCE	CS	2R/SI/SC	6210	PT/PK/2R	Open/2PTS/2PKS	50 mm	90mm	20mm
HCE	CS	2R/SI/SC	6310	PT/PK/2R	Open/2PTS/2PKS	50 mm	110mm	27mm
HCE	CS	2R/SI/SC	6911	PT/PK/2R	Open/2PTS/2PKS	55mm	72mm	9mm
HCE	CS	2R/SI/SC	6911	PT/PK/2R	Open/2PTS/2PKS	55mm	80mm	13mm
HCE	CS	2R/SI/SC	6011	PT/PK/2R	Open/2PTS/2PKS	55 mm	90mm	18mm
HCE	CS	2R/SI/SC	6211	PT/PK/2R	Open/2PTS/2PKS	55 mm	100mm	21mm
HCE	CS	2R/SI/SC	6311	PT/PK/2R	Open/2PTS/2PKS	55 mm	120mm	29mm
HCE	CS	2R/SI/SC	6812	PT/PK/2R	Open/2PTS/2PKS	60mm	78mm	10mm
HCE	CS	2R/SI/SC	6912	PT/PK/2R	Open/2PTS/2PKS	60mm	85mm	13mm
HCE	CS	2R/SI/SC	6012	PT/PK/2R	Open/2PTS/2PKS	60 mm	95mm	18mm
HCE	CS	2R/SI/SC	6212	PT/PK/2R	Open/2PTS/2PKS	60 mm	110mm	22mm
HCE	CS	2R/SI/SC	6312	PT/PK/2R	Open/2PTS/2PKS	60 mm	130mm	31mm
HCE	CS	2R/SI/SC	6813	PT/PK/2R	Open/2PTS/2PKS	65mm	85mm	15mm
HCE	CS	2R/SI/SC	6913	PT/PK/2R	Open/2PTS/2PKS	65mm	90mm	13mm
HCE	CS	2R/SI/SC	6013	PT/PK/2R	Open/2PTS/2PKS	65 mm	100mm	18mm
HCE	CS	2R/SI/SC	6213	PT/PK/2R	Open/2PTS/2PKS	65 mm	120mm	23mm
HCE	CS	2R/SI/SC	6313	PT/PK/2R	Open/2PTS/2PKS	65 mm	140mm	33mm
HCE	CS	2R/SI/SC	6814	PT/PK/2R	Open/2PTS/2PKS	70mm	90mm	16mm
HCE	CS	2R/SI/SC	6914	PT/PK/2R	Open/2PTS/2PKS	70mm	98mm	16mm
HCE	CS	2R/SI/SC	6014	PT/PK/2R	Open/2PTS/2PKS	70 mm	110mm	20mm
HCE	CS	2R/SI/SC	6214	PT/PK/2R	Open/2PTS/2PKS	70 mm	125mm	24mm
HCE	CS	2R/SI/SC	6314	PT/PK/2R	Open/2PTS/2PKS	70 mm	150mm	35mm
HCE	CS	2R/SI/SC	6815	PT/PK/2R	Open/2PTS/2PKS	75mm	95mm	19mm
HCE	CS	2R/SI/SC	6915	PT/PK/2R	Open/2PTS/2PKS	75mm	105mm	20mm
HCE	CS	2R/SI/SC	6015	PT/PK/2R	Open/2PTS/2PKS	75 mm	115mm	20mm
HCE	CS	2R/SI/SC	6215	PT/PK/2R	Open/2PTS/2PKS	75 mm	130mm	25mm
HCE	CS	2R/SI/SC	6315	PT/PK/2R	Open/2PTS/2PKS	75 mm	160mm	37mm
HCE	CS	2R/SI/SC	6816	PT/PK/2R	Open/2PTS/2PKS	80mm	100mm	19mm
HCE	CS	2R/SI/SC	6916	PT/PK/2R	Open/2PTS/2PKS	80mm	110mm	16mm
HCE	CS	2R/SI/SC	6016	PT/PK/2R	Open/2PTS/2PKS	80 mm	125mm	22mm
HCE	CS	2R/SI/SC	6216	PT/PK/2R	Open/2PTS/2PKS	80 mm	140mm	26mm
HCE	CS	2R/SI/SC	6316	PT/PK/2R	Open/2PTS/2PKS	80 mm	170mm	39mm
HCE	CS	2R/SI/SC	6817	PT/PK/2R	Open/2PTS/2PKS	85mm	110mm	13mm
HCE	CS	2R/SI/SC	6917	PT/PK/2R	Open/2PTS/2PKS	85mm	120mm	12mm
HCE	CS	2R/SI/SC	6017	PT/PK/2R	Open/2PTS/2PKS	85 mm	130mm	22mm
HCE	CS	2R/SI/SC	6217	PT/PK/2R	Open/2PTS/2PKS	85 mm	150mm	28mm
HCE	CS	2R/SI/SC	6317	PT/PK/2R	Open/2PTS/2PKS	85 mm	180mm	41mm
HCE	CS	2R/SI/SC	6818	PT/PK/2R	Open/2PTS/2PKS	90mm	115mm	13mm
HCE	CS	2R/SI/SC	6918	PT/PK/2R	Open/2PTS/2PKS	90mm	125mm	18mm
HCE	CS	2R/SI/SC	6018	PT/PK/2R	Open/2PTS/2PKS	90 mm	140mm	24mm
HCE	CS	2R/SI/SC	6218	PT/PK/2R	Open/2PTS/2PKS	90 mm	160mm	30mm
HCE	CS	2R/SI/SC	6318	PT/PK/2R	Open/2PTS/2PKS	90 mm	190mm	43mm
HCE	CS	2R/SI/SC	6819	PT/PK/2R	Open/2PTS/2PKS	95mm	120mm	13mm
HCE	CS	2R/SI/SC	6919	PT/PK/2R	Open/2PTS/2PKS	95 mm	145mm	24mm
HCE	CS	2R/SI/SC	6219	PT/PK/2R	Open/2PTS/2PKS	95 mm	170mm	32mm
HCE	CS	2R/SI/SC	6319	PT/PK/2R	Open/2PTS/2PKS	95 mm	200mm	45mm
HCE	CS	2R/SI/SC	6920	PT/PK/2R	Open/2PTS/2PKS	100 mm	150mm	24mm
HCE	CS	2R/SI/SC	6220	PT/PK/2R	Open/2PTS/2PKS	100 mm	180mm	34mm
HCE	CS	2R/SI/SC	6320	PT/PK/2R	Open/2PTS/2PKS	100 mm	215mm	47mm
HCE	CS	2R/SI/SC	6921	PT/PK/2R	Open/2PTS/2PKS	105 mm	160mm	26mm
HCE	CS	2R/SI/SC	6221	PT/PK/2R	Open/2PTS/2PKS	105 mm	190mm	36mm
HCE	CS	2R/SI/SC	6321	PT/PK/2R	Open/2PTS/2PKS	105 mm	225mm	49mm



Other Types of Hybrid Ceramic Bearings We Are Manufacturing



- Hybrid Deep Groove Ball Bearings
- Hybrid Miniature Bearings
- Hybrid Angular Contact Ball Bearings
- Hybrid Self-aligning Ball Bearings
- Hybrid Thrust Ball Bearings



- Hybrid Taper Roller Bearings
- Hybrid Spherical Insert Bearings
- Hybrid Self-aligning Roller Bearing
- Hybrid Spherical Roller Bearing
- Hybrid Thrust Washers
- Hybrid Linear Motion Bearings