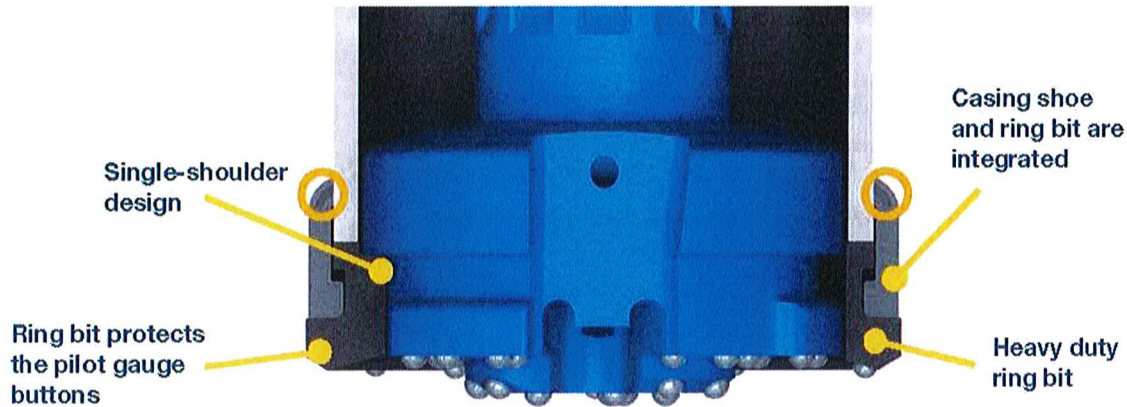


## INTEGRATED SYSTEM, SMALL 114-301 mm



 = Welding spot

System is available from 114 to 301 mm casings and for all major shank designs.

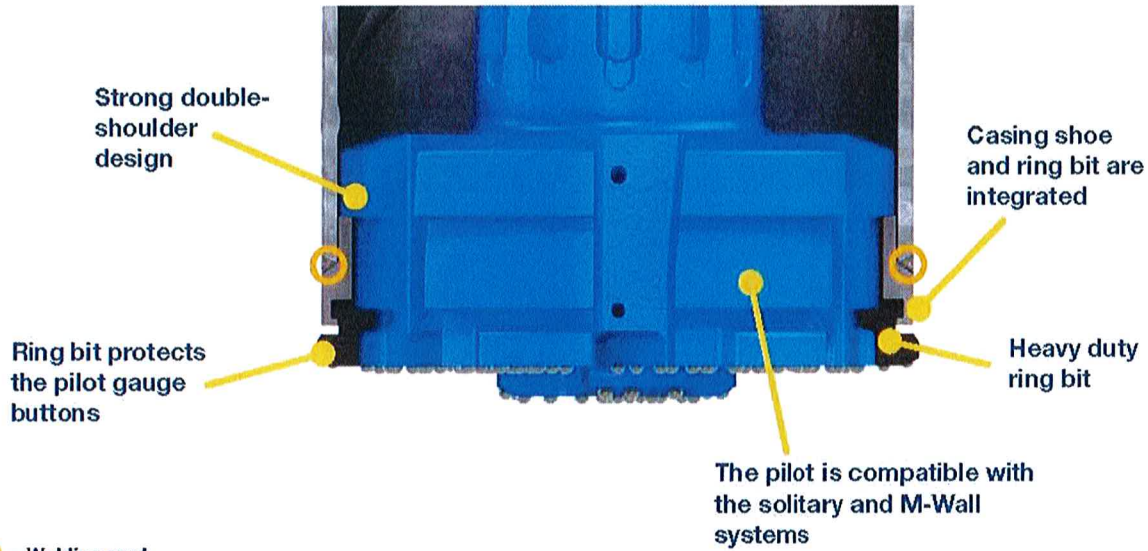
**SPIRALIS!**

System product code	Casing OD		Max wall		Ring bit ID		Ring bit OD		Pilot bit OD	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
I114-10-76	114.3	4.5"	10	0.39"	76	2.99"	130	5.12"	89	3.50"
HDI114-10-76	114.3	4.5"	10	0.39"	76	2.99"	138	5.43"	89	3.50"
I127-10-87	127	5"	10	0.39"	87	3.43"	145	5.71"	105	4.13"
I140-10-100	139.7	5.5"	10	0.39"	102	4.02"	160	6.30"	116	4.57"
HDI140-10-100	139.7	5.5"	10	0.39"	102	4.02"	168	6.61"	116	4.57"
I152-10-112	152.4	6"	10	0.39"	112	4.41"	172	6.77"	130	5.12"
I159-10-118	158.8	6.25"	10	0.39"	118	4.65"	181	7.13"	137	5.39"
I168-12.7-125	168.3	6.63"	12.7	0.5"	125	4.92"	189	7.44"	140	5.51"
HDI168-12.7-125	168.3	6.63"	12.7	0.5"	125	4.92"	196	7.72"	140	5.51"
I178-12.7-135	177.8	7"	12.7	0.5"	135	5.31"	199	7.83"	151	5.94"
I194-12.7-147	193.7	7.63"	12.7	0.5"	147	5.79"	221	8.70"	166	6.54"
I219-12.7-171	219.1	8.63"	12.7	0.5"	171	6.73"	243	9.57"	188	7.40"
HDI219-12.7-171	219.1	8.63"	12.7	0.5"	171	6.73"	252	9.92"	188	7.40"
I244-12.7-190	244.5	9.63"	12.7	0.5"	190	7.48"	269	10.59"	216	8.50"
I254-14.2-197	254	10"	14.2	0.56"	197	7.76"	279	10.98"	223	8.78"
I273-12.7-220	273	10.74"	12.7	0.5"	220	8.66"	300	11.81"	244	9.61"
HDI273-12.7-220	273	10.74"	12.7	0.5"	220	8.66"	310	12.20"	244	9.61"
I301-14.2-220	301.6	11.87"	14.2	0.56"	220	8.66"	312	12.28"	270	10.63"

The single-shoulder pilot is not compatible with the solitary double-shoulder ring bits.

# INTEGRATED SYSTEM, LARGE

## 323-1 524 mm



 = Welding spot

System is available from 323 to 1 524 mm casings and for all major shank designs.

**SPIRIFLEX®**

System product code	Casing OD		Max wall		Ring bit ID		Ring bit OD		Pilot bit OD	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
I323-14.2-240	323.9	12.74"	14.2	0.56"	240	9.45"	335	13.19"	291	11.46"
I339-14.2-255	339.7	13.37"	14.2	0.56"	255	10.04"	350	13.78"	308	12.13"
I355-14.2-270	355.6	14"	14.2	0.56"	270	10.63"	367	14.45"	324	12.76"
I406-16-318	406.4	16"	16	0.63"	318	12.52"	418	16.46"	370	14.57"
I457-16-369	457.2	18"	16	0.63"	369	14.53"	469	18.46"	420	16.54"
I508-16-422	508	20"	16	0.63"	422	16.61"	520	20.47"	471	18.54"
I559-16-470	558.8	22"	16	0.63"	470	18.50"	571	22.48"	521	20.51"
I610-16-502	609.6	24"	16	0.63"	502	19.76"	622	24.49"	572	22.52"
I660-16-545	660.4	26"	16	0.63"	545	21.46"	675	26.57"	615	24.21"
I711-16-610	711.2	28"	16	0.63"	610	24.02"	735	28.94"	675	26.57"
I762-20-655	762	30"	20	0.79"	655	25.79"	785	30.91"	715	28.15"
I813-20-700	812.8	32"	20	0.79"	700	27.56"	830	32.68"	766	30.16"
I863-20-750	863.6	34"	20	0.79"	750	29.53"	880	34.65"	815	32.09"
I914-20-800	914.4	36"	20	0.79"	800	31.5"	930	36.61"	866	34.09"
H016-20-880*	1 016	40"	20	0.79"	880	34.65"	1 032	40.63"	966	38.03"
H066-20-930*	1 066.8	42"	20	0.79"	930	36.61"	1 086	42.76"	1 014	39.92"
H1220-20-1080*	1 219.2	48"	20	0.79"	1 080	42.52"	1 240	48.82"	1 168	45.98"
H1321-22-1150*	1 320.8	52"	22	0.87"	1 150	45.28"	1 344	52.91"	1 247	49.09"
H1422-22-1250*	1 422.4	56"	22	0.87"	1 250	49.21"	1 446	56.93"	1 348	53.07"
H1524-22-1340*	1 524	60"	22	0.87"	1 340	52.76"	1 548	60.94"	1 462	57.56"

\*Large diameter systems can be engineered based on the specific customer requirements.



Different Range of Products we offer includes the following

- == Integrated Ring Bit Systems - *Remove first page only*
  - == Large ID Ring Bit Systems - "
  - == O-Pile Ring Bit Systems - "
  - == Solitary Ring Bit Systems - "
  - == Retrievable Ring Bit Systems - "
  - == Horizontal Ring Bit Systems
  - == Horizontal Ring Bit Systems
  - == Shock Absorber
- + include new attachment.*

